SUMMARY OF ANALYSES CONDUCTED TO DETERMINE AT-SEA MONITORING REQUIREMENTS FOR MULTISPECIES SECTORS FY2016

INTRODUCTION

This document explains and justifies the appropriate level of at-sea monitoring coverage needed to monitor and enforce catch levels for fishing year (FY) 2016 for vessels participating in Northeast (NE) multispecies sectors. NOAA Fisheries is responsible for setting the required coverage levels for at-sea monitoring coverage of trips made by vessels on sector trips. Since 2013, NOAA Fisheries has published an annual summary of the analysis conducted to establish the appropriate level of monitoring coverage for each fishing year.

BACKGROUND

In 2009 the New England Fishery Management Council (Council) submitted Amendment 16 (Amendment 16) to the NE Multispecies Fishery Management Plan to NOAA Fisheries for review. Amendment 16 was approved and implemented for the fishing year that began on May 1, 2010 (FY 2010). Amendment 16 was a major amendment that made a number of changes to the management program for the Northeast multispecies (groundfish) fishery. The provisions of significance to the establishment of at-sea monitoring requirements are the measures that established Annual Catch Limits (ACLs) and Accountability Measures (AMs) for specific components of the fishery, and the expansion of the sector management program.

ACLs are specified by species, unless a species is defined into separate stocks—in those cases, the ACLs are specified by stock. For instance, separate ACLs are specified for the Gulf of Maine cod stock and the Georges Bank cod stock, because those stocks are biologically distinct. ACLs account for the catch of a stock (landed fish and discarded fish), so in order to monitor ACLs, discards must be calculated.

The overall ACL for each stock is divided into sub-ACLs and/or sub-components that are allocated to the various fisheries that catch each stock. The largest sub-ACL for the groundfish fishery is for vessels in the commercial fishery, with other sub-ACLs allocated to recreational fisheries, non-groundfish fisheries that have incidental catches, and state waters fisheries.

Amendment 16 expanded and revised the fishing sector program that was originally established in 2004. The groundfish sector management system allows self-selecting groups of groundfish vessel owners to voluntarily form into groups, called sectors. Sectors are allocated a portion of each stock in the form of Annual Catch Entitlements (ACE). Sector ACE allocations are based on the collective fishing history of the sector members. Vessel owners who do not choose to join a sector are grouped into a common pool fleet, which fishes under a different set of regulations than sector vessels (common pool vessels do not have annual ACE allocations). Both the sector vessels and common pool vessels fish under the sub-ACL for the commercial groundfish fishery, and both groups have their own sub-component of the commercial sub-ACL. Sector vessels have accounted for over 90% of the catch in the NE multispecies commercial fishery since FY 2010.

The groundfish complex is made up of 13 species, which are composed of 22 stocks or stock subcomponents. Five stocks are not currently allocated to the sectors by Amendment 16, but ACLs are specified. Landings are prohibited for four of these stocks (Northern and Southern windowpane flounder, ocean pout, and wolffish). Atlantic halibut is also a non-allocated stock, but limited landings are permitted. For non-allocated stocks, discards are monitored using the same methods used for the allocated stocks.

The 17 stocks and stock subcomponents that are allocated to sectors as ACE are: Eastern Georges Bank (GB) cod, Western GB cod, Gulf of Maine (GOM) cod, Eastern GB haddock, Western GB haddock, GOM haddock, GB yellowtail flounder, Southern New England/Mid-Atlantic (SNE/MA) yellowtail flounder, Cape Cod/GOM yellowtail flounder, plaice, witch flounder, GB winter flounder, GOM winter flounder, SNE/MA winter flounder, redfish, white hake, and pollock.

In developing Amendment 16, the New England Fishery Management Council specified monitoring coverage requirements for sectors, which are discussed in more detail below. The Fisheries Sampling Branch (FSB) at the Northeast Fisheries Science Center (NEFSC) collects, maintains, and distributes data from fishing trips that carry at-sea monitors. FSB manages two separate but related monitoring programs: the Northeast Fisheries Observer Program (NEFOP) and the At-Sea Monitoring (ASM) Program. Although each program is tailored to meet specific monitoring objectives, the programs function similarly. The NEFOP program's resources are finite, and priorities for the NEFOP observer program are determined by national priorities (endangered or protected species), fishery management priorities determined by the New England and Mid-Atlantic Fishery Management Councils, and scientific priorities related to stock assessments. The allocation of NEFOP coverage to fishing trips is guided by these program priorities and the Standardized Bycatch Reporting Methodology (SBRM) that identifies relative fleet contribution to discards.

In Amendment 16, the Council anticipated that NEFOP might not have sufficient resources to effectively monitor sector catch, so the amendment specified that starting in FY 2012, sectors would design, implement and pay for their portion of the ASM Program costs that are necessary to monitor sector catch, unless the agency was able to provide the funding. NOAA Fisheries is required each year to determine the necessary level of monitoring coverage for sectors. The NEFOP observer coverage provided to the multispecies sectors by that program partially satisfies the sector-specific at-sea monitoring requirement. As a result, the monitoring coverage level for sector fishing trips is determined by considering available NEFOP coverage and any additional ASM coverage that would have to be provided to meet the requirements specified in Amendment 16. Thus, in these documents the term total monitoring coverage represents a combination of NEFOP and ASM coverage.

This document contains:

1. A description of the data used;
2. Summary tables for data from FY10 forward;
3. Tables of non-confidential data FY10-FY14 for each sector, by stock and gear, including the number of unique vessels, discarded pounds, number of subtrips,* number of observed subtrips, percent of subtrips observed, realized CV, and percent observer coverage required to achieve the minimum CV30. (*Subtrips: vessel operators complete Vessel Trip Reports (VTRs) for each fishing trip—if a vessel changes fishing area or gear, then a new VTR form must be completed—in such cases each page is defined as a subtrip);

4. An explanation of the standards applied to the data to determine the appropriate level of coverage, including but not limited to, the target CV and the standards used to ensure observer data from both the NEFOP and at-sea monitors, is accurate and timely;

The data tables presented in Appendix E present the data at the level of resolution that complies with the data confidentiality requirements of Section 402(b) of the Magnuson-Stevens Fishery Conservation and Management Act (MSA). Two tables are used to present the data at a level of detail that does not disclose confidential business information of individuals participating in the sector program. The information in Appendix E is presented as follows:

- Table E3 presents a complete set of data that does not reveal confidential information. This presentation is thought to be more informative to the public than the more detailed breakdown of data, which requires the redacted presentation of information by all three strata (sector, fishing gear, and stock area).
- Table E4 presents the information by strata (sector, gear, stock area) for FY 2010-FY2014, with information redacted when it could reveal confidential information. There are 13,090 total stratum, and information is presented for 2,752 stratum in which the aggregated information represents the activities of at least three fishing vessels. The strata that have been redacted represent 1,170 strata in which there was fishing activity by fewer than three vessels (which would reveal confidential information as defined in the MSA and implementing regulations), and 10,338 strata in which there was no fishing activity. The redacted strata are not distinguished from one another because to do so could provide sufficient information to allow informed users of the data to calculate information for an individual participant. For the same reasons, the derivative information for redacted strata (e.g., number of monitored trips, realized CV, percent monitoring coverage required to achieve CV30) is not revealed.

As noted above, the monitoring coverage level for sector fishery trips is determined by considering available NEFOP coverage and the additional ASM Program coverage necessary. For FY 2016, NEFOP plans to provide 4 percent observer coverage to sector vessels in the process of meeting other program requirements, including SBRM requirements . The remainder of the necessary monitoring coverage will be provided for sector vessels by the ASM Program, and will be paid for by the sectors.

NOAA Fisheries provided funding for the ASM Program coverage for sector vessels for FY 2010 through FY 2014. In FY 2015, NOAA Fisheries funding was fully utilized at the end of February 2016, and the industry paid for ASM coverage starting March 1, 2016. The coverage levels over this period are summarized below, along with the coverage levels ultimately realized:

Fishing Year	NEFOP target coverage level	ASM target coverage level	Total target coverage level	Realized coverage level
FY 2010	8 %	30 %	38 %	32 %
FY 2011	8 %	30 %	38 %	27 %
FY 2012	8 %	17 %	25 %	22 %
FY 2013	8 %	14 %	22 %	20 %
FY 2014	8 %	18 %	26 %	25.7%
FY 2015	4 %	20 %	24 %	n/a*

*FY 2015 does not end until April 30, 2016

A full discussion of the operations of the NEFOP and ASM programs is provided in Appendix A.

MONITORING COVERAGE REQUIREMENTS FOR SECTORS

The Council modified the Amendment 16 requirement in Framework 48, which became effective on May 1, 2013, the start of FY 2013; and again in Framework 55, which became effective on May 1, 2016. The Framework 55 modifications are described in detail in Framework 55 documents, and readers are referred to those documents for further information. In brief, Framework 55 made four changes that affected the determination of total monitoring coverage:

- Removing the additional administrative standard of monitoring 80 percent of discard pounds at a 30-percent CV or better;
- Removing the ASM coverage requirement for sector trips using gillnets with 10-inch or greater mesh in the SNE/MA and Inshore GB Broad Stock Areas;
- Using 3 years of data, rather than 1, to determine necessary ASM coverage levels; and
- Filtering our use of data so that healthy stocks that are not fully utilized will not be used as the predictor for the annual target ASM coverage level for all groundfish stocks.

The regulatory requirements related to the monitoring coverage rate standard are found at 50 CFR 648.87(b)(1)(v)(B).

The level of monitoring coverage, ultimately, should provide confidence that the overall catch estimate is accurate enough to ensure that sector fishing activities are consistent with National Standard 1 requirements to prevent overfishing while achieving on a continuing basis optimum yield from each fishery. To that end, significant additional uncertainty buffers are established in the setting of ACLs which help make up for any lack of absolute precision and accuracy in estimating overall catch by sector vessels.

Pursuant to its interpretation of the requirements described above, NOAA Fisheries has conducted analyses, and fully considered both the CV requirement and accuracy issues in determining, for FY2016, the appropriate level of monitoring coverage that meets the CV standard at the overall stock level, and, minimizes the cost burden to sectors and NMFS, while still providing a reliable calculation of overall catch. To do this, the costs and benefits of providing additional coverage, particularly in light of the requirement for sectors to fund their costs for the coverage if the agency cannot, were taken into account. The analysis is based on trip-level data collected by NEFOP and ASM Program monitors for FY10-FY14, and on the sector catch figures compiled by the Greater Atlantic Regional Fisheries Office (GARFO) using the Data Matching and Imputation System.

The analyses conducted by NOAA Fisheries staff and described in these documents are guided by the monitoring regulations, including the changes made in Framework 55. The resultant analyses are described below, and result in a total monitoring coverage recommendation of 14 percent of trips. The cost of coverage to the industry is estimated based on a cost of $710/day for the seagoing component only—this cost does not reflect the government's costs that are necessary components of the program, such as data processing, data auditing, administration, and the identification of trips required to carry ASM Program monitors. With NEFOP coverage predicted to be 4 percent of trips, the multispecies sectors must obtain ASM coverage for 10 percent of trips. If the cost remains $710/day, total cost would be estimated at $1.5

million (2,110 sea days). The sectors are reportedly negotiating to see if the costs can be reduced, so this estimate may be higher than actually incurred.

Calculating Overall Catch

NOAA Fisheries relies on a number of data sources to monitor groundfish catch: groundfish vessels are required to have an operational Vessel Monitoring System (VMS) and must use VMS to notify the agency when they are taking a groundfish trip; vessels must also submit vessel logbook reports, which are used to determine catch, gear and fishing area; depending upon their fishing activity, some vessels are also required to submit daily VMS catch reports to further refine catch by fishing area; dealers are required to report all purchases from groundfish vessels, which are used to determine landings. The detailed discard information provided by at-sea monitors is critical for determining total catch (pounds, gear used, stock area).

Discard Calculation

The way that discards are calculated depends on whether a sector fishing trip is observed or unobserved by an at-sea monitor. On trips with monitors, if 100% of the hauls are observed, the actual pounds of observed discards are added to the landings to calculate total catch of each stock for the trip. If less than 100% of the hauls are observed, the discards from the observed hauls are used to calculate the amount of discards for the unobserved hauls and these trip-specific discards are added to the landings to determine the trips catch (catch = landings + observed discards + calculated unobserved discards).

Unobserved trips have discards calculated for each trip based on data from observed trips. To calculate discards, all groundfish trips are assigned to a stratum, which is a way to group trips that are similar to one another. Each stratum is made up of all of the trips made by members of the same sector (or common pool), that used the same gear type and fished in the same stock area.

The data for all of the observed trips in a stratum are used to calculate discards on the unobserved trips in that stratum. A discard ratio is calculated for each stock using the data from all of the observed trips within the stratum. For example, if 100 pounds of pollock was discarded on the observed trips within a specific stratum, and 10,000 pounds was landed of all species, then the discard ratio would be 0.01 (100/10,000 = 0.01). This discard ratio would be used to calculate the amount of pollock discarded by the unobserved trips in the stratum. For example, an unobserved trip that landed 3,000 pounds of all species would also be calculated to have discards of 30 pounds of pollock (0.01 discard ratio * 3,000 lb = 30 lb).

In order to develop a robust method for discard estimation, a peer review was conducted in 2010 of the proposed method of calculating discards. The peer review concluded that a cumulative method, that re-calculates discards for the each stratum using updated discard ratios over the course of the fishing year, should be used. The peer review report and a description of the specific methods used to calculate discards for the sector program are respectively posted at:

http://nefsc.noaa.gov/groundfish/discard/

http://www.greateratlantic.fisheries.noaa.gov/regs/infodocs/discardcalculations.pdf

SUMMARY OF MONITORING COVERAGE REQUIREMENTS ANALYSIS

Consideration of the CV30 precision standard

Based on these methods for calculating catch and discards, NOAA Fisheries must determine what level of monitoring coverage is needed to achieve at least the CV30 precision in order to calculate discards for each stock, for all sectors and gears combined. Precision is a qualitative term that address the uncertainty of an estimate. The quantitative measure that is used to define an acceptable level of precision for discard estimation is a CV of the total discards of 30 percent for each stock. The CV is the ratio of the standard error of the estimate divided by the mean value. For the purposes of this report, CV is expressed as a percentage and denoted as CV30. The aggregate stock-level analysis conducted for determining the precision standard incorporates the more refined strata (stock, sector, gear) used to support ACE monitoring and ACE trading at the individual sector level, and allows a reasonable level of precision across those strata.

The CV is defined as the ratio of an estimate's standard deviation to its average (mean, or expected) value. The standard deviation, in turn, is a measure of how much the estimate is expected to vary from the average value. The smaller the standard deviation, the closer individual estimates will tend to be to the average value. The CV can be defined as a measure of an estimate's consistency (precision, or reproducibility) relative to its average value.

Given a CV30, an estimate with an average of 100 units would have a standard deviation of 0.30 * 100 = 30 units. Assuming a normal distribution, a 95 percent interval for the estimate would be 100 ± 1.96 * 30, or between 41.2 and 158.8 units. Increasing the risk to a CV40 would give a 95% interval of 21.6 to 178.2 units.

For calculating groundfish discards, this point is directly related to the amount and consistency of the discards made by different gear types used in the fishery. For the same CV, a gear type that generates a high amount of discards consistently in relation to its expected number of discards will have a lower required monitoring coverage rate than a gear type that generates a small amount of discards inconsistently in relation to its expected number of discards.

Holding the performance of the estimate consistent, the way to increase precision and reduce the CV is to increase the sampling rate (monitoring coverage). However, the gain in information is not linear. Figure 1 illustrates how an estimate's uncertainty would decrease to zero as percent coverage of a fixed normal population increases to 100 percent. The gain in information and precision will decrease as percent coverage increases. The graph is intended to illustrate the standard pattern in decreasing information and not to define a specific optimum coverage level.

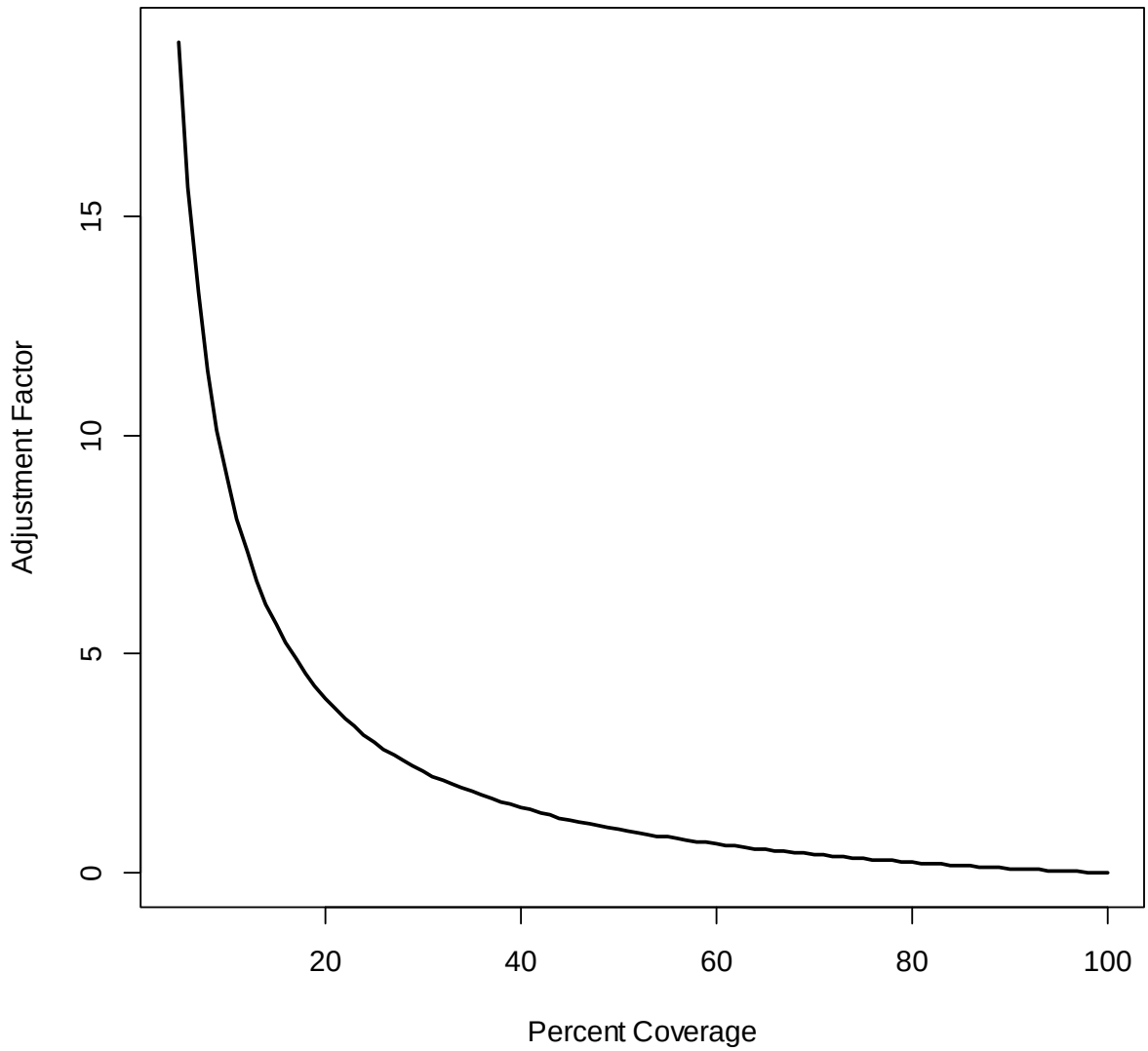

Figure 1: Standard Deviation Adjustment Factor by Percent Monitoring Coverage

The level of monitoring coverage is specified to achieve the required CV30 precision of the discard estimates for each NE multispecies stock for all sectors and gears combined, with the same coverage level for each sector (the latter point is discussed further below). This aggregate analysis incorporates the more refined strata (each sector, gear, stock area) used to support ACE monitoring and ACE trading at the individual sector level, and allows a reasonable level of precision across those strata.

In FY 2010 – FY 2012, with 16 sectors generating discards, 22 stocks, and 7 gear types, there were 2,464 (16 x 22 x 7) possible strata—there was fishing activity in 837 strata in FY 2010, 863 strata in FY 2011,

and 841 strata in FY 2012. In FY 2013 there were 15 sectors, 22 stocks, 7 gear types, and 2,310 (15 x 22 x 7) possible strata—with fishing activity in 686 strata of the 2,310 possible strata. In FY 2014 there were 14 sectors, 22 stocks, 7 gear types, and a redfish exemption strata leading to 4,312 possible strata; and there was fishing in 695 of those strata. With limited activity in some strata, assuring each individual stratum receives enough monitoring to calculate a discard rate with CV30 through random sampling would require impracticably high levels of monitoring coverage at an unacceptable cost. There is a tradeoff between the cost of additional monitoring coverage and the benefits of increasing precision. Increasing coverage to achieve precision in strata with limited activity creates additional costs to precisely measure discard rates in strata that generate a small amount of the total discards.

FY 2014 data was examined in detail to evaluate the extent to which unobserved discards affect total catch. In FY 2014 (Figure 2), the total discards of the allocated groundfish stocks ranged from 0.26% of the total calculated catch for Georges Bank winter flounder to 13.93% for Georges Bank yellowtail. Both Georges Bank cod and haddock are further subdivided into Eastern and Western components, and those values are also presented, despite the fact the ASM recommendation is made at the overall stock level. Figure 2 illustrates the fact that 86 percent or more of the total catch of each of the allocated stocks is comprised of dealer-reported landings, with the remaining 14 percent or less comprised of observed and unobserved discards. Figure 2 shows that the discarded poundage (observed and unobserved) represents a relatively small percentage of the total stock-level sub-ACLs allocated to the sectors as a group.

Note that the catch of non-allocated groundfish stocks is theoretically composed entirely of discards, because no landings are allowed. The exception is Atlantic halibut because limited landings are allowed; for that stock the catch was 58% discard in FY 2014. Discards as a percentage of stock sub-ACLs are given in Figures 3A and 3B. Figure 4 further examines FY 2014 discards by showing pounds by stock, and percent of total discards for each stock.

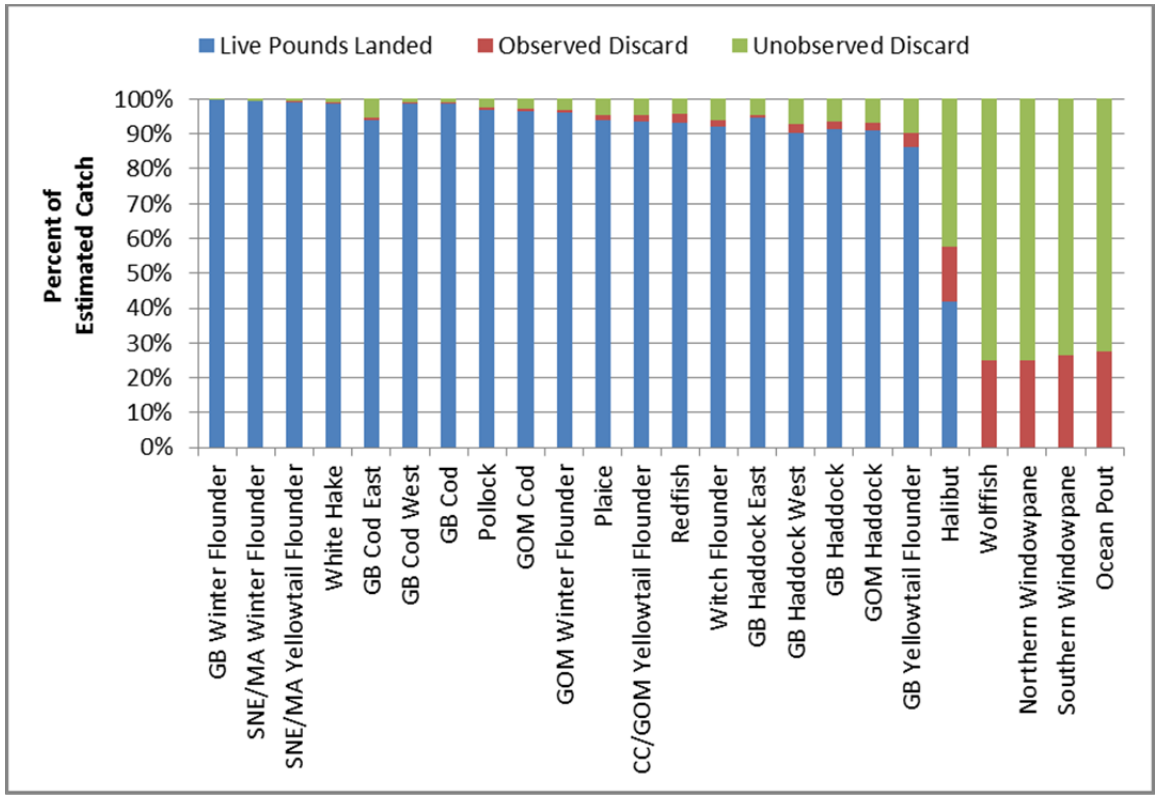

Figure 2: Fishing Year 2014 Groundfish Discards as a Percentage of Catch

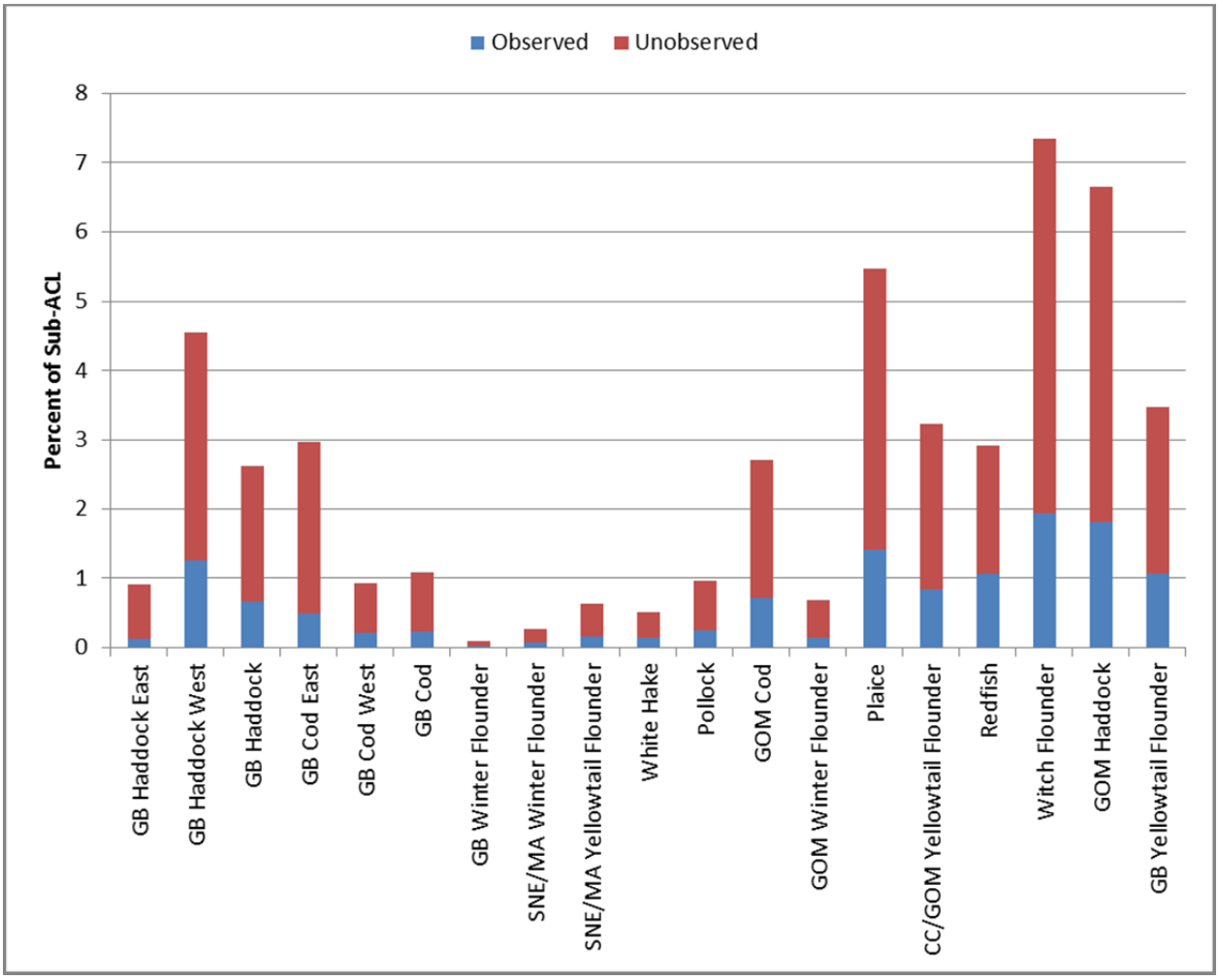

Figure 3A: Fishing Year 2014 Allocated Groundfish Discards as a Percentage of Sub-ACL

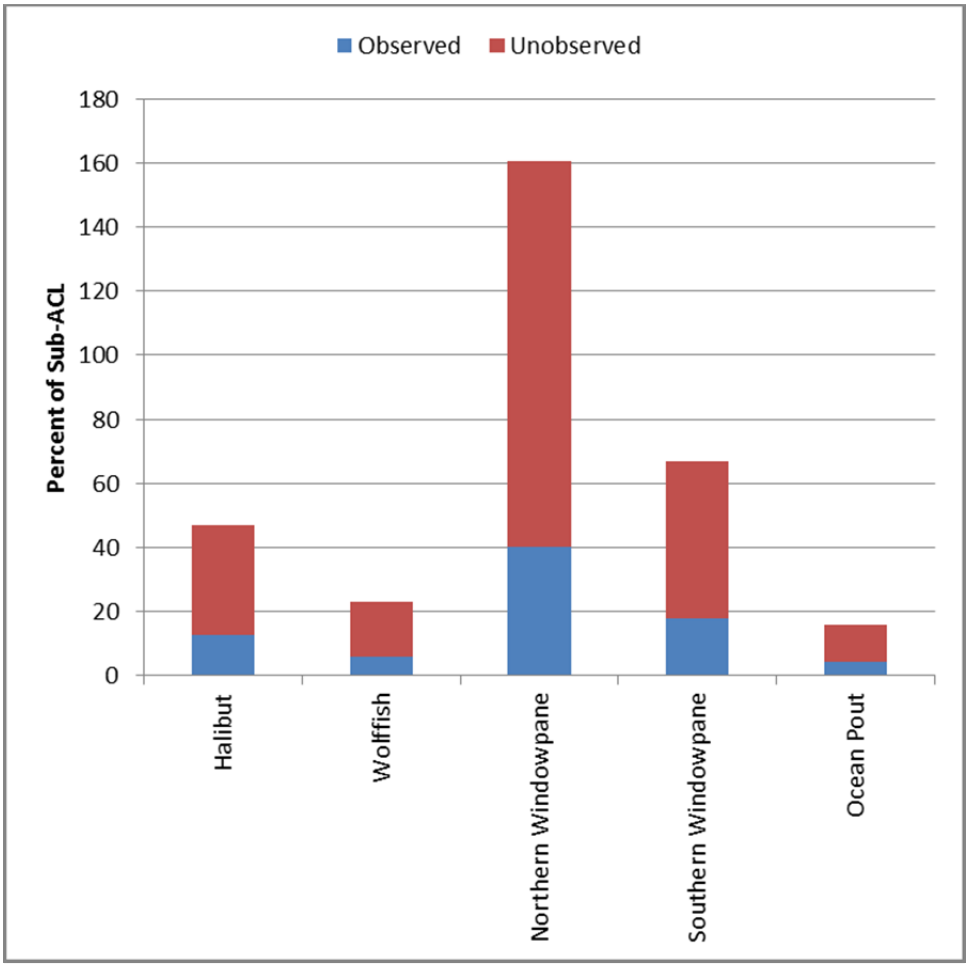

Figure 3B: Fishing Year 2014 Non-allocated Groundfish Discards as a Percentage of Sub-ACL

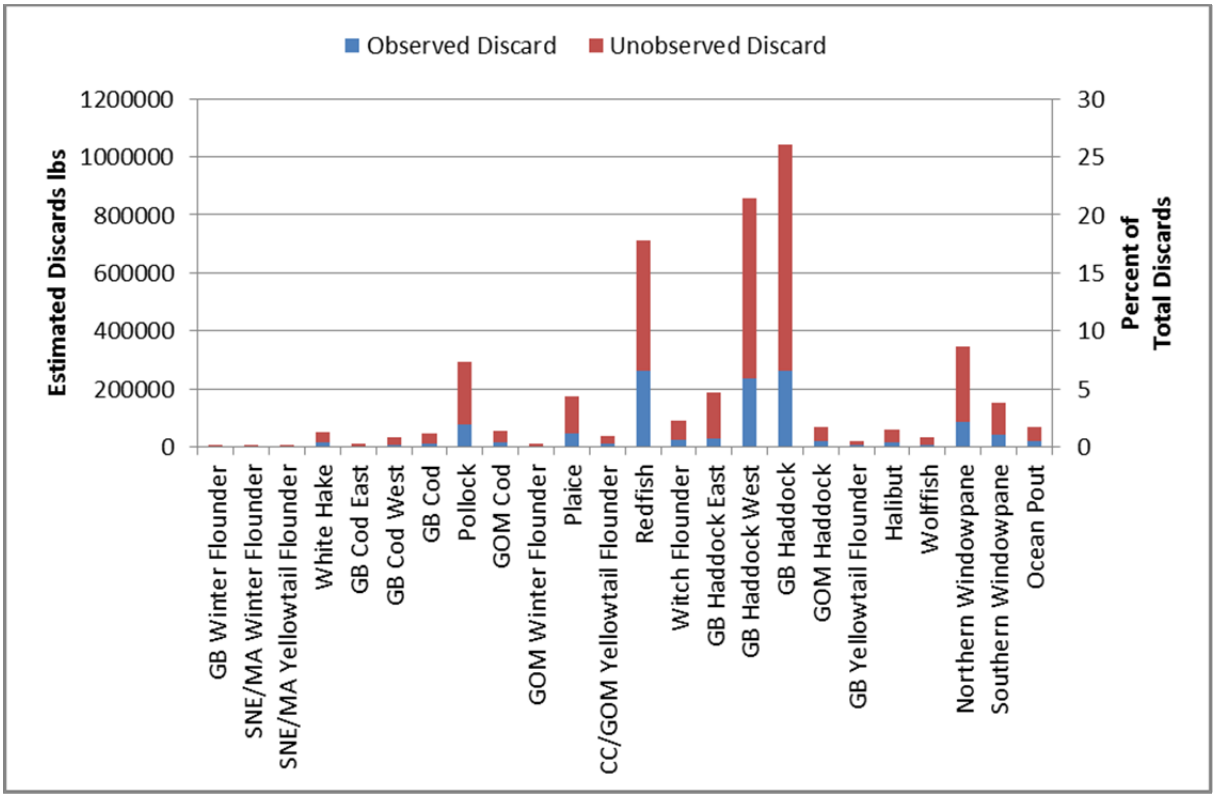

Figure 4: Fishing Year 2014 Discards (Live lbs and Percent of Total Discards)

For each fishing year, Table 1 below shows the calculation of the realized aggregate stock-level CVs, and percent of trips that would need to be assigned an at-sea monitor to achieve a CV30 for the stock. We continue to believe that the information from the preceding fishing years provides the best available information to set a level of at-sea monitoring coverage sufficient to achieve CV30 for each stock using the observer program's random sampling method.

Table 1. Realized Stock CVs.

STOCK	FY2010		FY2011		FY2012		FY2013		FY2014	
	CV	Percent Coverage	CV	Percent Coverage	CV	Percent Coverage	CV	Percent Coverage	CV	Percent Coverage
GB Cod East	9.73	3.9	15.44	11.29	20.44	10.05	48.86	28.08	24.6	14.36
GB Cod West	6.27	2.16	9.85	4.09	12.26	4.07	15.43	6.15	17.11	9.63
GB Cod	5.61	1.7	8.39	3.05	10.55	3.03	14.8	5.49	14.65	7.06
GOM Cod	4.74	1.33	4.74	1.04	9.89	3.05	6.07	1.11	11.16	5.02
Plaice	4.96	1.23	4.36	0.76	5.52	0.82	6.51	1.07	7.35	1.84
GB Winter Flounder	16.29	8.77	27.67	21.71	21.3	8.87	23.02	10.63	20.79	11.19
GOM Winter Flounder	10.56	6.19	8.81	3.5	8.96	2.54	15.1	6.4	29.06	25.99
Witch Flounder	5.76	1.6	5.11	1.06	8.74	2.04	7.41	1.35	8.96	2.55
CC/GOM Yellowtail Flounder	8.66	4.19	6.9	2.07	7.8	1.83	9.31	2.43	14.1	7.33
GB Yellowtail Flounder	11.13	4.29	10.36	3.69	15.98	5.11	24.84	12.42	21.16	11.59
SNE/MA Yellowtail Flounder	13.95	10.44	9.39	4.15	12.91	4.25	31.45	21.75	23.2	16.84
GB Haddock East	12.73	6.43	17.36	13.97	35.04	24.77	30.17	13.01	10.64	3.27
GB Haddock West	13.31	9.05	10.1	4.37	27.08	17.19	13	4.46	9.95	3.51
GB Haddock	9.4	4.61	10.22	4.55	21.77	11.78	11.95	3.66	8.44	2.47
GOM Haddock	9.94	5.56	9.11	3.68	12.27	4.61	12.98	4.84	12.03	5.76
White Hake	9.21	4.15	7.76	2.36	13	4.3	11.81	3.38	15.36	7.6
Pollock	8.01	3.19	6.91	1.88	7.71	1.57	7.55	1.4	9.71	3.19
Redfish	11.51	6.15	8.98	3.11	13.85	4.91	21.23	9.94	41.69	37.04
SNE/MA Winter Flounder	10.61	7.2	12.85	7.74	15.44	7.02	21.21	12.82	16.69	10.61
Southern Windowpane	9.12	4.75	8.22	3.23	10.7	2.99	7.98	1.81	8.26	2.45
Northern Windowpane	13.22	8.08	9.04	3.05	11.01	3.13	16.69	6.35	12.75	4.29
Ocean Pout	9.69	4.58	9.38	3.36	11.7	3.57	11.57	2.8	16.5	7.76
Halibut	6.34	2.01	6.95	1.93	6.68	1.18	7.51	1.24	6.67	1.56
Wolffish	6.66	2.18	7	1.9	8.35	1.9	9.58	2.2	9.75	3.19

The target at-sea monitoring coverage for the entire sector fishery as a whole was 38 percent in FY 2010 and 2011, 25 percent in FY 2012, 22 percent in 2013, and 26 percent in 2014. The realized at-sea monitoring coverage for the entire sector fishery as a whole (at the sub-trip level) was 32 percent in FY 2010, 27 percent in FY 2011, 22 percent in FY 2012, 20 percent in FY 2013, and 25.7 percent in FY 2014. The realized CVs for each stock have varied over the years, with CVs increasing for some stocks and decreasing for others. The only stocks with a realized CV near or above 30 during the 4-year period are FY 2011 GB winter flounder with a CV of 27.67, FY 2013 SNE/MA yellowtail flounder with a CV of 31.37, and in FY2014 GOM Winter Flounder with a CV of 29.06 and Redfish with a CV of 41.69.

The necessary coverage rates to achieve CV30 have also varied for individual stocks over the past 4 years. For each year, the shaded cell shows the stock that this retrospective analysis indicates required the highest level of coverage to achieve CV30. In FY 2010, it was SNE/MA yellowtail flounder (10.44 percent), in FY 2011 it was GB winter flounder (21.71 percent), in FY 2012 it was GB haddock (11.78 percent), in FY 13 it was SNE/MA yellowtail (21.75 percent), and in FY14 it was Redfish (37.04 percent) followed by GOM Winter Flounder (25.99 percent)..

Consideration of the CV 30% Precision Standard, without 80% Internal Standard

In previous years when developing our recommendation, an internal evaluation standard was used in addition to the CV30 requirement. This standard, which was not required by Amendment 16 or Framework 48, was to recommend a target coverage rate that was expected to estimate 80 percent of all discards with a realized CV30 or better. The intent of this standard was to achieve the same statistical quality as in FY 2010, when agency funding to support at sea monitoring was at its highest level. Applying this standard resulted in higher coverage levels than if the standard were not applied. The need for this standard was debated during the New England Fishery Management Council's development of FW55, and the Council has recommended that this additional criterion is not necessary to predict the target coverage level that is expected to achieve the CV requirement of the ASM program or to accurately monitor sector catches.

The highest coverage rate that was necessary to achieve CV30 for any stock in the past 5 years was redfish in FY 2014, at 37.04 percent. Thus, if Framework 55 had made only the first of the changes listed on page 4, the results of this analysis would have indicated that the total monitoring coverage for the sector fishery should be 37 percent of trips, based only on the most recent complete fishing year (FY 2014).

Using Prior 3 Years of Year Data to Determine Coverage Rate

However, Framework 55 also requires the that this year's recommendation is based on information from the previous three fishing years, to smooth assumed random inter-annual fluctuations of the discard variability estimates for each stock. Table 2 below presents the averaging which, would shows that the coverage level required to achieve CV30 for estimates of redfish discards is the highest level required both before and after using the 3-year average. This analytical step results in total coverage of 17 percent of trips (shaded redfish cell in Table 2).

Table 2: Three Year Average of Coverage Rates

Stock	FY 2012 Percent Coverage Required	FY 2013 Percent Coverage Required	FY 2014 Percent Coverage Required	3-Year Average
GB cod	2.81	4.25	5.08	4.05
GOM cod	3.05	1.11	5.02	3.06
Plaice	.82	1.07	1.84	1.24
GB winter flounder	8.87	10.63	11.19	10.23
GOM winter flounder	2.54	6.4	25.99	11.64
Witch flounder	2.04	1.35	2.55	1.98
CC/GOM yellowtail flounder	1.83	2.43	7.33	3.86
GB yellowtail flounder	5.11	12.42	11.59	9.71
SNE/MA yellowtail flounder	4.25	21.75	16.84	14.28
GB haddock	11.78	3.66	2.47	5.97
GOM haddock	4.61	4.84	5.76	5.07
White hake	4.3	3.38	7.6	5.09
Pollock	1.57	1.4	3.19	2.05
Redfish	4.91	9.94	37.04	17.3
SNE/MA winter flounder	7.02	12.82	10.61	10.15
Southern windowpane	2.99	1.81	2.45	2.42
Northern windowpane	3.13	6.35	4.29	4.59
Ocean pout	3.57	2.8	7.76	4.71
Halibut	1.18	1.24	1.56	1.33
Wolffish	1.9	2.2	3.19	2.43

Framework 55 Filtering to Reflect Stock Status

Framework 55 established a measure that filters the coverage required to achieve the 30-percent CV standard based on stock status. Stocks that meet <u>all</u> of the following criteria would not be used as a predictor for the annual target ASM coverage level for all stocks:

1. Not overfished;
2. Overfishing is not occurring;
3. Not fully utilized (less than 75 percent of sector sub-ACL harvested); and
4. Discards are less than 10 percent of total catch.

This does not eliminate the 30-percent CV standard, but allows the target ASM coverage level to be set based on stocks that are overfished, are subject to overfishing, or are more fully utilized—stocks for which it is critical to attempt to fully account for past variability in discard estimates. Because stocks that meet all four of the filtering criteria are healthy and not fully utilized, there is a lower risk in setting the target ASM coverage level at a level that may not account for past variability in the discard estimate for these stocks. Additionally, using these stocks to predict the target coverage could lead to coverage levels that are not necessary to accurately monitor sector catch.

The redfish stock meets all four criteria, and as a result Framework 55 bases the total monitoring coverage level on the three-year average for SNE/MA yellowtail flounder, resulting in a coverage level of 14 percent (shaded SNE/MA yellowtail flounder cell in Table 2). With NEFOP projected to provide 4 percent coverage, this means that ASM is required on 10 percent of trips.

Additional Information

The following Figure 5 below was used in past years, to further evaluate coverage levels, and to compare costs and benefits associated with various observer coverage levels to support the coverage determination. The aggregate data presented in the graph is composed of the strata level data used to monitor the fishery (stock/sector/gear). At the individual strata level, some CVs are higher than CV30 and some CVs are lower than CV30. This graph focusses on evaluating the extent to which an overall coverage level will achieve a CV30, and the associated costs of various coverage levels.

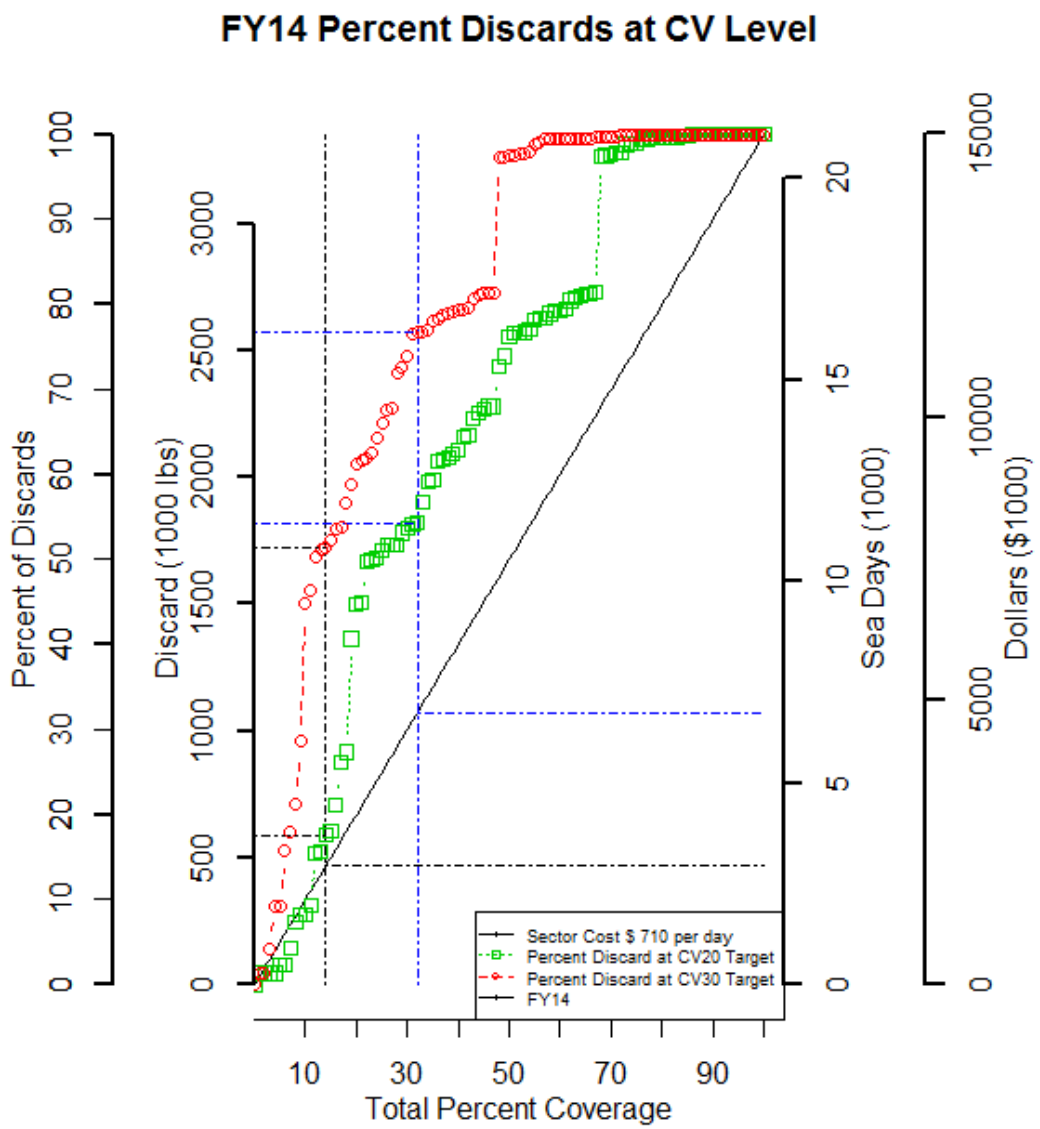

Figure 5. FY14 Percent Discards at CV Level

The horizontal axis of Figure 5 presents the total monitoring coverage rates, including the 4 percent NEFOP coverage which is funded by the agency. The black vertical line indicates the recommended 14 percent monitoring coverage level.

Each of the vertical axes provide a scale against which to measure the impacts of various coverage levels on the catch of all stocks by the group of sectors. The red curve shows the percent of discards estimated at CV30 or better. To provide an indication of the extent to which the CV is more precise, the green curve shows the percent of discards estimated at CV20 or better. As the total percent monitoring coverage increases, the percent of discards estimated at a given CV level increases. The discard information on the left-hand axis shows the change in both the relative percent of discards and the relative amount of discards

(000's lb) for which the respective CVs are achieved as the overall monitoring rate is increased. The right-hand vertical axis provides a scale to estimate the sea days and costs of various monitoring levels. Note that the costs estimated from this graph include the assumed 4 percent coverage by the NEFOP program, as well as the ASM Program coverage that must be funded separately. The costs are based on a minimum estimate of $710/day to cover the industry's seagoing costs for an at-sea monitor only—the costs do not reflect the government's costs for other necessary components of the program such as data processing, data auditing, administration, and the identification of trips required to carry monitors.

The graph evaluates the extent to which an overall coverage level will achieve a CV of 30 percent, and it is implicit that the selected coverage level will result in some CVs higher than CV30 and some lower than CV30 at the stock/sector/gear strata level.

Using FY 2014 data, the figure supports the following conclusions about integrating the observer coverage level with the precision level and associated program cost:

- Total monitoring coverage of 14 percent would be sufficient to estimate 51.4 percent of the discarded pounds of all stocks, for all sectors combined, with a precision level of CV30 or better;

- Total monitoring coverage of 14 percent would be sufficient to estimate 17.6 percent of the discarded pounds of all stocks, for all sectors combined, with a precision level of CV20 or better;

- Total monitoring coverage of 14 percent would require 2,954 days of at sea monitoring coverage at an assumed seagoing cost of $710 per sea day, with total cost of $ 2.10 million.

- The industry funded coverage of 10 percent would require 2110 days of at sea monitoring coverage at an assumed seagoing cost of $710 per sea day, with total cost of $ 1.50 million..

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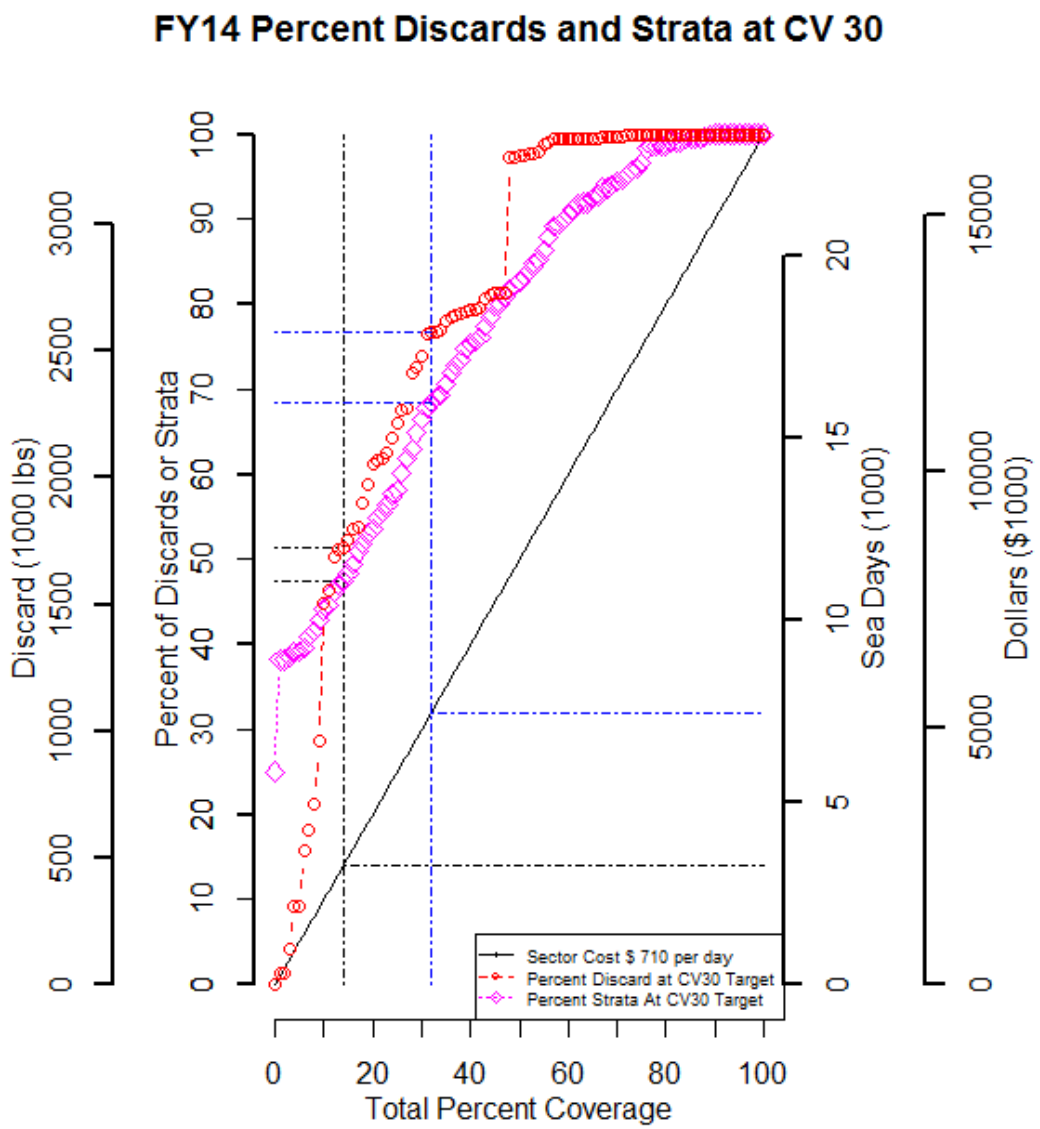

Figure 6. Percent Discards and Strata at CV30 in FY 2014

In Figure 6, the horizontal axis presents the total coverage rates, including the 4 percent NEFOP coverage which is funded by the agency. The total level of coverage required for FY 2016 (14 percent of trips) is indicated by the black vertical line. The vertical axes show the same values as in Figure 5. The orange curve shows the percentage of total discards calculated at a precision level of CV30 or better. The red curve shows the percentage of strata with FY 2014 fishing activity for which discards are calculated at a precision level of CV30 or better. The shows that total monitoring coverage of 14 percent would be sufficient to calculate the discards in 47.6 percent of the individual stratum (sector/gear/stock area) with CV30 precision or better.

Setting the Same Monitoring Coverage Rate for All Sectors

NOAA Fisheries determined that establishing different at-sea monitoring coverage requirements for each of the sectors would greatly complicate the implementation of the deployment of at-sea monitors on appropriate trips. As described in Appendix A, all at-sea monitors are deployed by the NEFOP program to ensure that trip selection is random, and that the coverage provided through the ASM Program is integrated into overall coverage requirements. If at-sea monitoring deployment for sectors also required the trip selection process to achieve different coverage rates for the 15 sectors that have active vessels, this would add substantial amount of complexity to the program, and would require substantial program changes, with associated costs but only marginal improvement in our estimation of catch at the ACL level.

It could also require regulatory changes to make some aspects of trip declarations binding upon vessel operators. For example, if monitoring coverage requirements were determined based on the gear used, assuring coverage by gear would mean that a vessel owner would have to declare to the observer program the gear to be used and be required to use only the declared gear on the monitored trip, to assure that the coverage requirement was met.

In addition, specifying different coverage requirements for each sector would have differing economic impacts on similar vessel operations solely because of their sector membership. The CV measures the precision of the calculated discards, and varies depending on the consistency of individual trip activity in comparison to the average trip activity within a stratum. This approach could have imposed additional monitoring costs on a group of gillnet vessel owners in Sector A solely due to the consistency of their discard rates, not the pounds of fish they discard. A group of gillnet vessel owners in Sector B could have more consistent discard rates, but higher discarded poundage, and the consistency of their activity would mean a lower coverage level would be sufficient to attain a CV30. These concerns about inequitable impacts were a major factor in the decision to determine monitoring coverage level by aggregating all of the sectors. This is consistent with Framework 48, which specifies that the CV should be applied at the stock level. Appendix B contains an analysis and the meeting minutes from a July 2012 meeting of the Council's Groundfish Plan Development Team, which reviewed a detailed analysis of realized CVs by sector and stock for FY 2010 and FY 2011 prior to the Council's adoption of Framework 48.

The values in the PDT tables vary to a limited extent from the CV analysis conducted for the at-sea monitoring coverage determination because, in the intervening time, there have been some data corrections, and some corrections to the methodology used to calculate CVs. The current method treats the performance of each gear type as independent of other gear types. The previous method averaged the performance of all gear types in determining the CV of a stock.

The PDT's tables provide some illustrative comparisons of the cost-benefit considerations of additional coverage. For instance, Appendix B, Table 2A shows FY10 realized groundfish CVs by sector and stock. For the Fixed Gear Sector, the CV of 8.07 for the catch of GB West cod was well under the CV30 level, while the CV of 80.9 for GOM haddock was well over the CV30 standard. A literal interpretation of the application of the CV30 requirement could require increased coverage to achieve a CV30 for GOM haddock, despite the fact the total discard of haddock was calculated to be only 9 lb.

The NE multispecies FMP includes control rules to account for scientific uncertainty when setting stock ABCs, and to account for uncertainty regarding the effectiveness of management measures when setting

ACLs. These buffers are expected to help account for several uncertainties, including ACE carryover from FY 2012 to FY 20143.

Consideration of accuracy

While it is required that the overall at-sea monitoring coverage level must meet at least a CV30 precision standard, that level of coverage also must produce a reliable discard estimate when factoring in possible observer bias. In order to assure accuracy (i.e., zero bias), 100% observer coverage would be required. Complete coverage is not only prohibited by Amendment 16, it would be expensive, not in the public interest, and inconsistent with the relevant National Standards discussed above.

The primary concern about the accuracy of calculated discards is the potential for bias in observer data. Bias is concerned with systematic error and is a quantitative term describing the difference between the measurements of a process and the true value of the process. The concerns about bias in calculated discard focus on the potential for systematic differences between these measured values on trips that carry an at-sea observer and trips that are conducted without an at-sea observer on board. In other words, are trips with observers on board representative of the true magnitude of discarding that occurs on trips when observers are not on board?

If the presence of an observer creates systematic error (bias) in the estimate of the discard rate, the calculated total discards will be incorrect. More importantly, if the bias is large enough, the true amount of discard will fall outside of the estimated confidence interval of the discard total. Potential sources of bias in the groundfish discard estimation can include: (1) sampling bias caused by procedures and problems with sample vessel selection or factors preventing the deployment of monitors on selected vessels; and (2) observer bias (i.e., measurement errors caused by changes in fishing behavior in the presence of observers).

During FY2012, this issue was examined by the Council's PDT. The PDT discussed the matter at a meeting on July 27, 2012 (see Appendix B). In brief, the PDT concluded that a fixed CV standard implies that it is just as important to have a precise value for a small number as it is to have a precise value for a large number. If the concern is accurate calculations of sector catches for each stock, this may not be the case. In examples considered by the PDT, the PDT noted that to achieve the target CV, many more trips would have to be observed to get a precise calculation of a small amount of discards, and this would not be cost effective. The PDT concluded by noting that a biased discard calculation will have more influence on the accuracy of sector catches than the CV standard. It is therefore critical to have enough coverage that the presence of bias can be detected; ideally coverage should provide a way to calculate the amount of bias.

Some preliminary work was done by Chad Demarest, an economist at the Northeast Fisheries Science Center and Groundfish PDT member, to determine if there were indications of an observer (see Appendix C). Such an effect could result in either systematic or localized biases, meaning that the observer data used to generate discard estimates may not be representative. The analysis essentially looked for differences in performance when a vessel carried an observer and when it did not. Trip/vessel combinations were included in the analysis when an individual vessel had at least three sequences of three or more trips in any 21-day window and when those sequences did not straddle a fishing year. The analysis was limited to vessels fishing with trawl or gillnet gear.

Three different statistical tests were used to evaluate the significance of differences in eight trip attributes (metrics) that may indicate behavior change in the presence of an at-sea observer. The information for

these metrics was drawn from the Vessel Trip Reports (VTRs) submitted by vessel operators for trips landing at least one pound of groundfish from 2007-2012. Revenue was calculated by multiplying poundage from VTRs by fish prices obtained from federal dealer data.

The eight metrics are:

1. Total landed pounds;
2. Total roundfish pounds;
3. Total groundfish pounds;
4. Total non-groundfish pounds;
5. Total cod pounds;
6. Total groundfish value;
7. Total non-groundfish value;
8. Trip duration.

Mr. Demarest concluded that fishing behavior across the eight metrics was variable, but that statistically significant differences in reporting were observed across all eight metrics and that the strength of the statistical signal varied depending on how the data were parsed. The variability in reported behaviors with and without an observer may be due to natural fluctuations or to variable incentives that lead to altered fishing behavior. For example, prior to the implementation of stock-level quotas for vessels fishing in sectors, there may have been an incentive to discard species such as cod in the Gulf of Maine due to trip limits. This incentive could result in significant differences in metrics other than cod kept and, in fact, the total non-groundfish pounds kept on an unobserved trip during this time period is higher than on an observed trip. Additionally, there may be off-setting incentives due to quota allocations, fishing preferences or other factors. One vessel may attempt to minimize observed discarding of flatfish at the expense of cod, while another vessel may take the exact opposite approach. Statistical tests become valuable in these cases.

Mr. Demarest noted that a fleet-wide analysis across all five years of data may mask local tendencies, either by gear type, time period or area fished. All of his statistical tests are somewhat sensitive to the number of data points and using larger datasets may risk determining statistical differences that are practically meaningless. Conversely, using fine scale data can make the statistical tests lack power. In general, with larger datasets he found more metrics for which statistically significant differences between observed and unobserved trips may be found. When data from fishing years 2007-2012 are combined, significant shifts in the median of the distribution are observed for seven of the eight metrics. The differences are on the order of 1-4%, and positive, indicating that vessels tend to catch more of everything (roundfish, groundfish, non-groundfish) and fish longer when they do not have an observer on board. Tests looking at the differences in the shape of the distributions when vessels are carrying (vs. not carrying) a fisheries observer indicated significant differences across several metrics as well.

Mr. Demarest concludes that his analyses point towards a highly variable but relatively consistent pattern of different fishing behaviors when an observer is on board and when one is not. He notes that his approach focused on the differences in behavior across various metrics for the same vessel, but that there can be personnel changes (e.g., different vessel captains over time) that can also affect the analysis. This may be important as ultimately an observer effect analysis is attempting to learn about human behavior using vessel activity as a proxy. While the data point to a trend of differential behavior with respect to

observers--and in fact in almost all circumstances vessels appear to retain more fish and fish for longer durations when they have no observer on board—it is not possible to extend this analysis beyond its natural scope. It may be possible to examine these data and conclude that vessels behave differently with an observer, but this provides almost no insight into the impact of this on discarding behavior or catch accounting.

Implications of discard estimation bias for monitoring quotas

During the development of the FY13 recommendation, Dr. Paul Rago, Northeast Fisheries Science Center, prepared an analysis (Appendix D) to approach the issue as a statistical control problem in which the question is, "How much would the discard rate have to increase on the unobserved trips to exceed a biological threshold (ACL), assuming a hypothetical increase in the rate of discarding on unobserved trips?" While actual measures of bias cannot be constructed at this time, his work provides a context for the evaluation of actual measures should they be devised in the future. Moreover, these results can be used to assess the plausibility of alternative discard estimates.

The current monitoring program relies on the assumption that calculated discard rates on observed trips can be applied to unobserved trips. However, if vessel operators discard fish at higher rates when there are no observers on board, then the catch (and overall mortality of fish) will be higher than predicted. Various analyses of vessel performance have been used to infer the potential for bias. In general these studies rely on the analyses of observable properties of vessels with and without observers on board, as was done in Chad Demarest's analysis. Examples include comparisons of trip duration, total landings, species composition of landings and area fished. Irrespective of whether differences were found, the primary problem of inference remains—what is the discard rate on the unobserved trips? At this point, the observable differences between the two groups cannot be used to predict the discard rate differential.

Summaries of total catch and precision for each stock for FY 2010 and FY 2011 are provided in Appendix D, Table 2. The CVs of the catch are less than 11% for all stocks—generally, much less. A small fraction of total catch comes from total discards for the allocated stocks. Analyses of the uncertainty of the total catch suggest that the chance of exceeding the stock ACL is near zero for most stocks. The exception is the Northern windowpane flounder stock (an unallocated stock which must all be discarded). The analysis results are expected and confirm the stock's catch performance in both FY 2010 and FY 2011, when the catch by sectors exceeded the ACL by about 40% each year. For the other unallocated stocks, the discard rate on unobserved trips would have to increase by 3-fold or more to constitute an appreciable risk of exceeding the catch limit.

The results presented in Appendix D, Table 2 all assume zero bias in the calculated discards. An analysis of the increase in the discard rate on unobserved trips that would be necessary to raise the probability of total catch exceeding the ACL to 5% is shown in Appendix D, Table 3. For the allocated stocks, the adjustment factors (multipliers) that would be necessary for the catch of each stock to exceed the ACL range from 1 to 1,014, with the largest values corresponding to stocks whose total catches are well below the ACL. For cod stocks the discard rate on unobserved trips would have to be 4 to 13 times higher than presently observed. For the allocated flounder stocks (plaice, winter flounder, yellowtail flounder and witch flounder) the average adjustment factor was 12.9. The average adjustment factor for the unallocated stocks was 7.2 in FY2010 and 4.1 in FY2011. Overall, the rate of increase in discards necessary to increase

the probability of exceeding the ACL to 5% seems implausibly large. None of the bias analyses conducted to date suggest behavioral differences of this magnitude.

As a further check on the magnitude of the risk of exceeding an ABC and an OFL, an additional sensitivity analysis was conducted. These results are summarized by stock in Appendix D, Tables 4 to 23. The results of these sensitivity analyses suggest that the bias in discard rates would have to be at least 5 to 10 times greater than presently observed in order to pose appreciable risk of exceeding the ABC or OFL. Given the current pattern of landings that are well below the total sector ACLs, setting a monitoring coverage rate that meets the CV30 at the stock level provides a reasonable level of certainty that observer bias would have to be much larger than is plausible before the risk of exceeding an OFL would exceed 5%. Accordingly, the 24 percent coverage rate required for FY 2015 is expected to provide discard estimates accurate enough to monitor sector ACEs and ACLs.

SOUTHERN NEW ENGLAND MONKFISH GILLNET EXEMPTION

FY 2014 was the first year that the NE Multispecies FMP requires NOAA Fisheries to specify a separate coverage level, lower than that recommended for other sector trips, for vessels fishing in the Southern New England broad stock area on a monkfish day-at-sea using gillnets with mesh of 10 inches or larger. The regulations do not require that the recommended level achieve CV30.

NOAA Fisheries reviewed the FY 2012 through FY 2014 catch information for sector vessel trips made under this exemption program. As expected for such an exemption, there is very little catch of multispecies stocks. Variability is high, with CVs as high as CV94. However, these CVs are generally associated with what appear to be *de minimis* levels of annual catch. The FY 2014 total catch of all species combined is 1,893 lbs , similar to that reported for FY 2012 (1,423 lb) and FY 2013 (1,139 lbs). Given the limited impact this has on stock-level sub-ACLs or ACE, we conclude that, as was the case last year, the NEFOP coverage is sufficient for this component of the fishery.

FY 2012 SNE Monkfish Gillnet Exemption* Realized Groundfish Stock CVs and Total Catch (lb)					
Stock*	Realized CV	Percent Observer Coverage Required for CV30	Total Landed	Total Discard (estimated)	Total Catch
GB Cod West	35.17	26.54	239	420	659
GOM Cod	0	0	0	0	0
Plaice	94.05	71.94	20	5	25
GOM Winter Flounder	0	0	0	0	0
Witch Flounder	0	0	7	0	7
CC/GOM Yellowtail Flounder	0	0	0	0	0
SNE/MA Yellowtail Flounder	33.76	25.04	21	59	80
GB Haddock West	0	0	0	0	0

GOM Haddock	0	0	0	0	0
White Hake	93.65	71.79	21	73	94
Pollock	93.87	71.79	0	27	27
Redfish	0	0	0	0	0
SNE/MA Winter Flounder	53.33	45.28	10	43	53
Southern Windowpane	94.16	72.25	0	5	5
Northern Windowpane	0	0	0	0	0
Ocean Pout	93.25	71.49	0	5	5
Halibut	41.4	33.13	56	412	468
Wolffish	0	0	0	0	0
Total pounds	n/a	n/a	374	1,049	1,423

*Exemption Area does not include GB Cod East, GB Haddock East, GB Winter Flounder, GB Yellowtail

CONCLUSION

NOAA Fisheries has interpreted the requirement to accurately monitor sector operations in the context of the FMP requirements, the National Standards and other requirements of the MSA, and determined that the target level of observer coverage should be set at the level that is expected to meet the CV30 requirement at the overall stock level for all sectors and gears combined. This recommendation is also intended to minimize the cost burden to sectors and NMFS, while still providing a reliable estimate of overall catch by sectors to monitor overall catch. The application of these standards results in our determination that the combined NEFOP and ASM Program coverage target of 14 percent of trips is expected to meet the CV requirement of at least 30% on an overall stock basis, and provides a reliable estimate of overall catch necessary to ensure that sectors do not exceed their ACEs and ACLs, and ultimately the OFL for each stock, while minimizing costs to the extent practicable. .

APPENDIX A

NEFOP and ASM Program Data Collection and Processing

Northeast Observer Goals and Sampling Priorities

The National Marine Fisheries Service (NMFS) Northeast Fisheries Science Center (NEFSC) Fisheries Sampling Branch (FSB) collects, maintains, and distributes data for scientific and management purposes in the Northwest Atlantic. FSB manages two separate but related observer programs: the Northeast Fisheries Observer Program (NEFOP) and the At-Sea Monitoring (ASM) Program. Although each program is tailored to meet specific monitoring objectives, both programs operate within and are governed by the same laws, and are subject to the same standards in regards to data quality and confidentiality, safety, and harassment.

NEFOP Observers

NMFS is required to collect scientific, management, regulatory compliance, and economic data for fisheries by placing observers aboard U.S. domestic fishing vessels. These data are needed for the management of fisheries occurring in the U.S. Exclusive Economic Zone (EEZ) and the high seas beyond the EEZ. Observers are the only independent data source for some types of at-sea monitoring such as bycatch composition and mortality, and marine mammal, sea bird and sea turtle interactions. These data are the foundation of scientific advice, which provides information to management to support decision-making. Observer programs provide unique opportunities to collect scientific data on gear performance, assist in the monitoring of new or experimental fisheries, and provide economic information on revenue and costs.

Priorities for the NEFOP observer programs are determined by national priorities (endangered or protected species), priorities of Fishery Management Councils (Northeast and Mid-Atlantic), and scientific priorities related to stock assessment activities. The NEFOP program monitors several fisheries, including the Northeast (NE) multispecies, Atlantic herring, Atlantic longfin, and Atlantic sea scallop fisheries. The NEFOP priorities focus on the following objectives:

- Collecting discard data in fisheries that interact with groundfish and other species (tow-by-tow basis),
- Monitoring catch in experimental fisheries and special management programs such as Special Access Programs (SAPs) and fishing in the U.S./Canada Management Area,
- Monitoring catches in scallop access areas,
- Sampling fish and crustacean catches in fisheries throughout the Northeast and Mid-Atlantic regions, and
- Collecting biological samples (age structures, length, etc.) for fish, invertebrates, and protected species.

The NEFOP focuses on biological sampling of catch. Biological sampling involves collecting data on the biology and life history of targeted species, discarded species, and protected species. The particular activities an observer conducts during a trip may vary depending on the statistical and management needs of the particular fishery, the Agency's regional priorities and the availability of funds for measuring bycatch and protected species monitoring. Observers routinely collect detailed biological information, such

as size, age structures, length measurements, and gender from some species or portion of the catch. Age structures (e.g., otoliths, scales, spines, vertebrate) are collected to determine the age of fish and are typically coupled with length calculates in order to provide ratio to determine the health of the fish stock and project biomass of fish available for harvest. Observers also document any entanglement or incidental take of a marine mammal, seabird, or sea turtle during fishing operations. The biological sampling of incidental takes includes sex determination, various length measurements, assessment of animal condition or state of decomposition. These data are used in scientific studies of life history for genetic studies that examine the distribution of stock, matriarchal lines, and contaminate and food habit studies.

At-Sea Monitors

The ASM Program was implemented May 1, 2010 as a vital component of the expanded sector management program for the New England multispecies fishery. The ASM Program is an integral part of sector management, as ASMs collect data to verify area fished and catch (landings and discards), by species and gear type, for the purpose of monitoring sector ACE utilization.

At-Sea Monitors collect a similar data set to NEFOP observers; however, they collect a reduced set of data with an emphasis on quantifying catch (determining weights of kept and discarded fish) and less of an emphasis on biological sampling. The ASM program was created to provide monitoring service specifically for the NE multispecies fishery, which encompasses the gillnet, bottom otter trawl, and longline fisheries. The primary focus of the monitoring program is to provide bycatch information needed to successfully manage a sector's ACE. Specific ASM priorities focus on the following objectives:

- Collecting select information on fishing gear to categorize effort,
- Collecting accurate calculates on discard data in the NE multispecies fishery (tow-by-tow basis),
- Sampling fish catch in fisheries throughout the Northeast and Mid-Atlantic regions, and
- Collecting select information on interactions with protected species (photo, tagging).

The cornerstone of the ASM programs relies on providing accurate weights of bycatch, preferably in actual calculates. Monitors focus on these priorities and to lesser extent collect information on gear, economic variables, and protected species interactions. Monitors do not collect age structures and have limited biological sampling requirements for fish and protected species.

Seaday schedule and Pre-Trip Notification System

Participants in the Northeast multispecies groundfish fishery are required to notify the program of their intention to make a fishing trip 48 hrs prior to departing on their fishing trips. General notification instructions can be found at the Northeast Fisheries Observer Program website (http://www.nefsc.noaa.gov/fsb/notification.html). Vessel representatives notify for Northeast multispecies groundfish trips via an online Pre-trip Notification System website (https://fish.nefsc.noaa.gov/cgi-bin/PTNS/login.pl. Vessel selection for the multispecies groundfish fishery is based on the use of an algorithm that individually selects trips for observer or at-sea monitor coverage based on a 3 factors: the specific groundfish sector, gear type and mesh size fished in order to achieve a target coverage rate. The Pre-Trip Notification System (PTNS) was designed and implemented in order to provide a fast, simple, and efficient way for groundfish trips to be randomly selected for observer coverage. It is used to assign Northeast Fisheries Observer Program (NEFOP) coverage, as well as ASM coverage, and it is also used to select trips for NEFOP coverage in the longfin squid fishery. Coverage must satisfy the requirements of the

Standardized Bycatch Reporting Methodology (SBRM) sea-day schedule, specified Special Management Program (SMP) coverage levels, Protected Species Branch (PSB) sea-day requirements, NMFS-funded At-Sea Monitoring (ASM) requirements, and industry-funded ASM requirements. Vessel representatives must give a notification of trip sail 48 hours in advance, at minimum, and observer providers then cover the selected trips based on observer availability.

The web-based PTNS system uses an algorithm to select individual trips for coverage, based on target and realized coverage rates for each stratum (gear, area fished, and sector). When no trips are observed in a stratum, observer coverage is assigned at 100% (1.0), and when the observer coverage in a stratum is equal to the target coverage level, any additional trips are assigned observers at a probability equal to the target observer coverage rate. The probability of a trip being assigned an observer follows a linear regression until the probability reaches the desired coverage level.

The PTNS calculates coverage rates, and, therefore, selection probabilities, based on data within the system itself. The Fisheries Sampling Branch (FSB) cancels unsailed trips in the system twice a week. Trips are matched with observer data to ensure all observed trips are counted. The system and its data are monitored for errors and updates. A monitoring tool was developed to provide feedback on system performance, coverage rates, sea day accomplishments, and other concerns. It provides real-time information on many aspects of the system via tables and graphs. Sector managers receive a weekly coverage rate report, which can alert them to possible compliance issues. FSB monitors observer provider performance, as well, to ensure proper vessel coverage.

NEFOP Seaday Schedule Coverage: In addition to multispecies groundfish coverage, NEFOP observers cover fisheries with the objective of fulfilling seaday requirements based on the Standardized Bycatch Reporting Methodology (SBRM) Omnibus Amendment, (http://www.nefsc.noaa.gov/fsb/SBRM/). Once funding is set for the fiscal year, the NEFOP Branch Chief will alert the data end-users of the amount of funding available. The Populations Dynamic Branch (PDB) will allocate seadays according to the amount of funds available. The NEFOP Branch Chief creates a seaday schedule based on the information received from the PDB and issues the schedule to the observer service provider. The seaday schedule is provided by the NEFOP to the observer service provider at the beginning of the coverage cycle for planning purposes (refer to 'Projected Sea Day Schedule at the link above. Vessels that are not required to notify are selected for observer coverage at the docks in person, via a selection letter sent to an owner or operator and/or following specific vessel selection criteria. These trips, referred to as "solicited trips," fulfill SBRM requirements and satisfy seaday schedule tasked days. Selection guidelines, vessel selection letters, and lists of prior vessel fishing activity are provided as tools to assist the observer service provider in achieving the seadays necessary to support the SBRM seaday allocation. Seaday schedule meetings with NEFOP staff and the observer service provider occur monthly, and seaday achievements are discussed and priorities set.

Data Editing Process

Observers submit electronic data, paper logs, and biological samples to FSB within timelines specified in contracts or regulations. FSB follows check-in procedures to track receipt and process the data. Reports on outstanding data due are run daily and reported to the service providers for reconciliation. Editors (termed debriefers in other regions) receive electronic data and paper logs and work with the observers to ensure that data collection and recording standards are being met. Groundfish electronically uploaded trips are

available to be edited as soon as they are uploaded by the observer. In either case, the editor will then sign out for the trip in the database master trip tracker and record "begin edit" time.

Electronic trips are edited and debriefed (if necessary) the same day they are received and the data is uploaded as "preliminary" but available. After the paper logs are received for these electronic trips, they will be compared, further edited and debriefed again with the observer if necessary. Typically the comparison is finalized within 30 days. If there are questionable data, the paper logs will be reviewed as soon as they arrive.

Non-groundfish paper log trips will be completely edited within 45 days of the end of the month in which they landed. Scallop trips will be completely edited within 30 days of the end of the month in which they landed.

Editors check each and every field on each and every log on the trip and verify that all fields are formatted correctly and fall within the expected range of values. If they do not fall within the range, the editor will investigate issues with the observer and check past data on the vessel or other vessels using similar gear. They will confirm reasons for blank values or unknown values. All mathematics used to calculate species weights will be checked and verified. All photos submitted with the trip will be reviewed and used to verify gear configuration, catch calculating, or species identification. Electronic auditing tests that have raised warning or fatal error flags will be addressed and corrected.

Editors will check all biological samples such as scales, otoliths, whole fish or vertebrae submitted with the trip and compare to what is recorded on logs. These samples will then be added to the inventory of samples in the appropriate place.

Editors debrief the observer on any issues that were flagged on the trip. Finally, they will sign off on the trip in the database master trip tracking as "edit end".

Computer Audits and Data Loading

There are a several layers of audits and tests that are run. These tests mainly depend on the type of trip - program, fishery, and gear type. Groundfish ("Sector Monitoring") trips are run through a set of tests on those fields that are made available in the "Sector" views for in-season quota monitoring. These tests run automatically once the trip is uploaded by the At-Sea Monitor and NEFOP Observer and received by FSB. Trip data are reviewed, corrections are made as necessary, and data are made available in the "Sector" views. Trips are made available on an individual basis, preliminary data within 48 hours of the landing date of the vessel of the trip and the entire trip approximately 15 days after the landing date of the vessel. In total there are 14 tables consisting of 251 fields that are reviewed and tested for Sector Monitoring trips.

Standard Northeast Fisheries Observer Program (NEFOP) trips and Industry Funded Scallop (IFS) trips, after review by data editors, are turned over to data entry staff. Each trip is entered and an initial "audit" is performed to check the expected ranges for every field. Next, each trip is tested to compare values from related fields and to perform additional checks related to each specific gear, fishery, species, etc. Scallop trips (dredge and trawl) are processed individually and made available 45 days after the landing date of the vessel. All other trips are processed by gear category (i.e., all bottom otter trawl trips together, all gillnet trips together, etc.) and month. These trips are made available 90 days after the last day of the month. For

both the NEFOP and IFS trips combined there are a total of 46 tables consisting of 2,464 fields with more than 1,300 tests currently in place.

Timely and Accurate Data

Timely Data Submission Requirements

"Must have timely and accurate data submission" is among the top five items that are stressed to the observer and monitor candidates in training, included in a PowerPoint presentation on their first day.

Data can be grouped into three main forms of data: electronic, paper, and biological. Each form of data has a submission time as defined in contracts with service providers and by Northeast Fisheries Science Center's (NEFSC) Fisheries Sampling Branch (FSB) policy. There are two programs, the Northeast Fisheries Sampling Program (NEFOP) and the At-Sea Monitoring Program (ASM), collecting data for catch monitoring in the Northeast (NE) Multispecies fishery. For the remainder of this attachment, the term "observer" will be used to refer to both NEFOP observers and at-sea monitors collecting data for the FSB. Both programs adhere to the same data submission times related to catch monitoring. The electronic form of data is used for the weekly sector catch report. Observers must submit this electronic data within 48 hours of landing. Data are reported through a secure website and include trip statistics such as dates and times, gear type, and haul by haul information on catch (location, species, weight, and fish disposition). The paper logs must be received by NMFS within 5 calendar days. The paper logs have more detailed information that supports the calculations and sampling methods. The electronic data are verified by FSB staff, where tow locations are plotted, gear types are compared to past trips, general ranges of species complexes and weights are tested for accuracy, and species identification photographs are confirmed. The electronic data are verified by a trained FSB editor and loaded to an Oracle database that is shared with GARFO, sector managers, and vessel owners within 24 hours of receiving it. Once the paper logs are received, a second-level data quality check is performed, comparing the paper data to the electronic data in the database. Biological specimens (collected for tagging studies, to support trainings, or to validate species ids), must be received within 5 calendar days. The full ASM and NEFOP Request for Proposal (i.e. contract Statement of Work) are available online at: http://www.nefsc.noaa.gov/fsb/asm/ and http://www.nefsc.noaa.gov/fsb/program.html. The Section C.4.2.3.1 of the ASM contract defines the data deliverable timeline:

> "Electronic data entry by At-Sea Monitors is required in addition to required paperwork, and shall be managed by the contractor in coordination with the Contracting Officer's Technical Representative (COTR). Submission of At-Sea Monitor data to the NMFS shall be accomplished in a timely manner. The contractor shall work with the COTR to establish the appropriate means to transfer the electronic data to the COTR.
>
> (a). Delivery of paper log data shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.5.
>
> (b). Delivery of electronic data shall be received within 2 calendar days (48 hours) of the vessel landing as referenced in Section F.5.6.
>
> (c). Delivery of biological specimens (whole fish samples) shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.7.

At-Sea Monitors shall send any written data and biological specimens directly to NMFS. The Government will provide shipping and supplies. At-Sea Monitors shall assure that biological samples or whole animals requiring freezing are received by the nearest NMFS freezer facility within twenty-four (24) hours of vessel landing. NMFS has freezers located in major fishing ports (Section J, Attachment 10, Freezer Locations). The transfer or transport of the frozen samples or animals must be received by NMFS (At-Sea Monitor Training Center) within 5 calendar days of the trip landing, unless a delay is authorized by the COTR. Costs for travel associated with transport of biological samples will be reimbursed under the travel provision section herein (Section B Supplies or Services and Prices/Costs Travel CLINS 0002, 1002 and 2002)."

Observers receive written guidance on the Late Trip Submission Policy. Specific criteria are outlined which define late data. The policy also describes the penalty for meeting not these criteria, i.e., being put on priority status for the next 3 trips (memo excerpt below, also available online: http://www.nefsc.noaa.gov/fsb/memos/):

"All FSB observers are required to submit their trip data in a timely manner, specified in the program contract and/or regulations. Trip data includes paper data logs, biological samples, Pre-Trip Vessel Safety Checklist, electronic data, and any digital photographs or film.

Trip data shall be received from at-sea monitors at the conclusion of each deployment and transmitted electronically; using NMFS supplied equipment, to NMFS within 48 hours of the completion of the trip. Paper data logs will not be accepted from the contractor; however paper worksheets may be mailed to NMFS. Paper should be mailed within three (3) days of landing to be received at NMFS within 5 days of the trip landing. Data must be submitted electronically from the contractor within 48 hours of the trip landing date.

Trips should never be submitted late. Although most observers uphold this standard, there have been some problems with late submissions, which have resulted in pre-mature closures of fisheries. Late trips disrupt the data processing deadlines and hold up or confound fisheries management decisions. If an observer submits late data, according to the following criteria, they will be placed on priority status:

- 3 trips in a row are late (electronic, paper, and/or biological samples), OR
- 5 of the last 10 trips are late (electronic, paper, and/or biological samples), OR
- a single trip's electronic data uploaded more than 72 hours after landing, OR
- a single trip's paper logs arrive more than 7 days after landing, OR
- a single trip's biological samples arrive 14 days or more after landing

FSB may approve exceptions for excused lateness or trips that arrive late due to unforeseen mailing/shipping problems. Observers can request an extension via their provider. Extensions or excused lateness are granted by the Contracting Officer's Technical Representative (COTR). However, an observer with history of late trips with multiple excuses may also be considered for priority status. The FSB Data Quality Monitoring and Improvement Measures document provides details on priority and probation policies, as well as consequences for lack of improvement."

Efforts to Ensure Compliance with Time Requirements

Observers, and providers are rated on their adherence to the timely data submission requirements. Data quality is monitored in the Northeast Fisheries Science Center through the Shadow Trip program, priority process, probation process, and decertification standards. Disciplinary steps are taken if the above policies are broken. Below is a description of these efforts.

Monitoring Data Quality: FSB considers data quality a critical component of the mission of all observers and observer programs. Poor quality data may result in unreliable or biased estimates of fishery activity and reflects negatively on the program. The Data Quality Lead, Data Editors, and other FSB staff are tasked with ensuring that all data collected by FSB observers is of the highest quality possible. When an observer's data collection or performance does not meet FSB standards, one or more of the following actions may be taken.

Shadow Trips: If an observer's data quality is questionable (e.g., poor organization, difficulty sampling catch, etc.), a shadow trip may be requested. The Data Quality Lead will communicate the need for a shadow trip to the observer service provider, and assist in scheduling the trip. An experienced FSB staff member would accompany the observer on a trip (typically a single-day trip on a specified gear type) to review and assess their methods. Refer to the Shadow Trip Program document for more details.

Priority status: Priority status is used when there are concerns about an observer's understanding of key concepts. It is an opportunity to provide feedback to the observer before the error is repeated on subsequent trips. Priority status must be approved by the Data Editor Lead, who will communicate with the observer and service provider about the reason(s) for priority status and the expected length of priority status. If trip-by-trip reviews are required, the observer may not redeploy on another trip until the priority trip has been fully edited and debriefed. Trips will be edited immediately, and the observer will be debriefed as soon as possible. The Data Editor Lead will send out status emails after each trip, as well as the final notification when an observer goes off priority status. Priority status may apply to only specific trip types or circumstances (e.g., gear type, trip duration, incidental take of a protected species, etc). In those cases, the observer may redeploy on back-to-back trips until the specified trip type or circumstance occurs.

If at the end of the priority period (maximum five trips), the observer has not rectified the issues noted, or has another egregious error, the observer will be reevaluated and may be recommended for probation status. If the observer successfully completes their priority trips with no further problems, they may resume taking trips in the standard manner. If the issues noted are repeated within three months from the completion of their priority trips, the observer will be reevaluated and may be recommended for probation status.

Probation: Probation status is used when there are serious data quality concerns or a serious breach of protocols. Probation status is the last chance for an observer to show improvement before decertification. Probation status must be approved by the Data Quality Lead, who will write a specific plan for the probation period. The plan must be approved and signed by the Branch Chief, and electronic and hard copies will be submitted to the observer service provider. A minimum of three trips will be planned, and specific trips (e.g., gear type, trip duration) or other measures (e.g., trip-by-trip approval, submitting notebooks, in-person debriefings, etc.) may be required. If the probation plan requires trip-by-trip reviews, the observer may not redeploy on another trip until the probation trip has been fully edited and debriefed.

Trips will be edited immediately, and the observer will be debriefed as soon as possible. The Data Quality Lead will send out status emails after each trip, as well as the final notification at the completion of the probation period.

If at the end of the probation period, the observer has not met the requirements of the probation plan, the probation period may be extended (maximum five trips), or the observer may be recommended for decertification. That determination will be made by the Data Quality Team, and all recommendations for decertification must be approved by the Branch Chief. If the observer successfully completes their probation trips with no further problems, they may resume taking trips in the standard manner. If the issues noted are repeated within three months from the completion of their probation trips, the observer will be reevaluated and may be recommended for decertification.

Emergency probation: This may be invoked at any time if there was reason to believe some egregious violation of procedures, protocols, or Standards of Conduct had been committed. This action will be carried out by the Branch Chief following discussions with the Data Quality Team, including the Data Quality Lead. The Data Quality Lead will notify the Observer Contract COTR, the observer provider Program Manager, and the observer of their decision in writing. Typically, this is a short-term probation pending an investigation as to the nature of the offense.

Decertification: If there is no discernible improvement in the observer's performance during the probationary trips, the observer will be decertified by the Branch Chief. Decertification will be communicated verbally and in writing by FSB staff to the Observer Contract COTR, the observer service provider Program Manager, and the observer.

An observer will automatically be decertified for failure to conform to the Standards of Conduct signed during observer training. Providing false statements to the government is illegal. An observer will be decertified if they falsify data. Falsification is defined as: *The act of deliberately or knowingly fabricating data collected during observed fishing trips, this includes intentional recording of inaccurate data, intentional omission or deletion of data, intentional plagiarism, or, in general, the selective alteration of data.*

The decertification procedure is subject to appeal in writing from the observer to the Branch Chief. The Branch Chief's determination of decertification is final. Decertification would disqualify an observer from re-applying to work as an FSB observer in any program.

Monitoring Data Processing: There are several automated reports that monitor, report, and advise the providers and FSB staff of the progress of data processing:

- A daily report is sent to each observer service provider with two sections: one showing outstanding electronic uploads (i.e., a Pre-Trip Notification System trip that has been completed but hasn't had data uploaded yet), with the number of hours that have elapsed since the date/time land; and one showing trips that have been uploaded, but for which we have not received paper logs yet, with the numbers of days since the date land showing. They are both color coded into classes (yellow=due tomorrow, orange=due today, red=late);
- An hourly report runs during the work week to alert FSB staff of new uploads that they can begin working on;

- A daily report goes out every morning to FSB staff that tracks the progress of data processing; and
- A weekly report provides the achievement rate of meeting the weekly data loading schedule.

Data Usage

Observers collect scientific, management, compliance, and other fisheries data onboard commercial fishing vessels. While the data collected has multiple uses, one is for the calculation of discard rates which are applied to unobserved sector trips. A full explanation of the discard rate calculation procedure is available at: http://www.greateratlantic.fisheries.noaa.gov/nero/regs/infodocs/DiscardCalculations.pdf. Sectors use discard information, as well as information from other sources, to track allocations. It is the responsibility of individual sectors to submit weekly reports to NMFS stating the remaining balance of Allocated Catch Entitlement (ACE) for each sector based upon regulated species landings and discards of vessels participating in that sector and any compliance or enforcement concerns. Once a sector's catch reaches 80% of its ACE, the sector must report any catch on a daily basis. Sector reports are also relied on in estimating catch for ACE and ACL purposes. A description of the weekly reporting requirements is available at:
http://www.greateratlantic.fisheries.noaa.gov/sfd/sectordocs/PreparingSectorManagerReportFY12.pdf.

APPENDIX B

New England Fishery Management Council
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C. M. "Rip" Cunningham, Jr., *Chairman* | Paul J. Howard, *Executive Director*

MEMORANDUM

DATE: July 27, 2012

TO: Groundfish Oversight Committee

FROM: Groundfish Plan Development Team

SUBJECT: **PDT Conference Call, July 25, 2012**

1. The PDT held a conference call to discuss at-sea monitoring issues, sub-ACLs for SNE/MA windowpane flounder, changes to the sector ACE carry-over provisions, and ABCs for FY 2013 – 2015. Staff participating in the call were Tom Nies and Fiona Hogan (NEFMC), Steve Correia (Mass DMF), Michael Ruccio and Dan Caless (NMFS NERO), Chad Demarest, Paul Nitschke, and Evan Bing-Sawyer (NMFS NEFSC), Sally Roman (SMAST), and Sally Sherman (Maine DMR). Michael Palmer (NMFS NEFSC) and J. Michael Lanning (NMFS NERO) also participated in the call, as did Jenny Sun and Jessica Joyce (GMRI).

2. The PDT referred to several draft documents during the call: a draft report on discard length frequencies, a report on landings and discards proportional monitoring, a summary of realized stock and sector specific CVs for FY 2010 and 2011, a report on how CV affects catch estimates for sectors, a May 25, 2012 NERO letter to the Council on carry-over, and a straw man revision to carry-over provisions.

At –Sea Monitoring Issues

3. There were three sub-topics discussed: discard length frequencies, FY 2010 observer coverage in relation to the concept of allocating coverage by landings or discards, and determining the appropriate standard to use to determine the appropriate level of observer coverage.

Discard Length-Frequencies (l-f)

4. The Committee asked the PDT to investigate the l-f of discards. This request was to support a possible alternative that would reduce minimum sizes, as an alternative to the option that would

require full retention and would eliminate minimum size requirements. A report was prepared that summarizes the discarded l-f of groundfish stocks in several ways: by year, quarter, trawl mesh shape, trawl mesh size, statistical area, and depth (see enclosure (1), a separate document). The report will be incorporated into the analysis of a full retention policy since many of the issues overlap (the full retention report is enclosure (5), provided as a separate document).

5. The overall conclusion is that minor (e.g. 1 inch) reductions in minimum size would likely convert discards to landings for most, but not all, groundfish stocks. Table 1 lists each species and qualitatively summarizes the likely effects. The table also shows the minimum size that would be needed to reduce almost all of the current sub-legal discards.

6. The PDT considered whether there was a clear advantage to either eliminating the minimum size or making a change. The issues associated with each are similar, and the impacts largely on whether there are behavioral changes in the fishery that result from a change or elimination in minimum sizes. The paper explores these issues, but in brief:

- Changes to minimum size could lead to changes in behavior that result in changes in the size of fish captured. If the selectivity pattern of a species shifts to smaller fish, there are likely to be changes in the F_{MSY} (or its proxy), reductions in MSY values, and reductions in yields.
- For many groundfish stocks, smaller fish are less fecund, have lower egg survival, and are not as successful at spawning. These factors are not explicitly evaluated in the attached paper but need to be considered, as they could further affect long-term yields.
- There could be short-term delays in rebuilding programs for some stocks.
- If fishermen are required to land small fish that are not marketable, there could be issues related to the handling and reporting of these fish. For example, there have reportedly been some problems with dealers not reporting hagfish that cannot be sold.
- As noted previously, full retention is sometimes claimed to increase the efficacy of electronic monitoring (EM). Any exemption from this requirement (such as requiring fish to be discarded that are not allocated) will reduce the strength of this argument.

7. The PDT notes that there are tradeoffs that need to be considered between these two approaches, but does not have a recommendation for one over the other.

Distribution of Observer Coverage/Catch Proportional Monitoring

8. The PDT reviewed a draft paper prepared by Jenny Sun of GMRI that analyzed observer coverage for FY 2010 in order to determine if observer coverage is assigned equally to all categories. Trips were categorized as day trips (less than or equal to 24 hours) or multi-day trips (greater than 24 hours), and were binned according to vessel size in three size categories. The coverage was summarized based on number of trips, and then based on number of trips weighted

by groundfish landings or groundfish discards. A hypothesis test was used to test for equality of proportions.

9. The analyses will help address the question of whether observer coverage is distributed evenly. This may help in the evaluation of whether discard estimates may be biased. The draft results indicated that the conclusions may depend on which metric is used to measure coverage rates: trips, trips weighted by landings, or trips weighted by discards. This may complicate interpretation.

10. The PDT suggested expanding or modifying the analysis in several ways before finalizing it, and the GMRI representatives agreed to do so. The suggestions were:

- The distribution of trip lengths for fixed gear vessels suggests that a more appropriate break point for "day" (or short) and multi-day (or long) trips is 48 hours. Almost all fixed gear trips are less than 26 hours; a trip of just over one day would seem to be better binned with other day trips, rather than multi-day trips.
- The PDT requested an explanation of the weighting method and the hypothesis test.
- The PDT suggested that there may be difference between stocks that are important. One way to explore this would be to run the analyses for three stocks (GOM cod, GB haddock, and pollock were suggested).
- When FY 2011 data is available, the analysis should be repeated for 2011.

11. There was some discussion about how this information could be used. It is not clear that the ASM program should be designed to have equal coverage rates in all categories. While the language in Amendment 16 is not specific, it does state that sectors are responsible for designing an ASM program that at least meets the CV standard. It is conceivable that a homogenous sector might need fewer trips to meet such a standard, which would argue for difference coverage rates (however measured) between sectors. There was some discussion about using the information on different coverage rates to select trips at different rates within the categories.

12. Next the PDT reviewed the results of a simulation study that assigned different observer coverage rates to day and multi-day trips. Using a simulation tool developed to investigate the best way to estimate sector discards, the effects of targeting coverage on one trip length category over the other was investigated at different levels of observer coverage. These categories were not defined as a new stratum. When there are differences in discard rates between the two categories, allocating observer coverage in this way (without stratification) results in a bias in the discard estimate. The magnitude of the bias increases with higher levels of observer coverage. This suggests that if coverage is shifted to target specific categories, then it may be necessary to impose additional levels of stratification on the discard estimation process. Increased stratification usually requires higher overall observer coverage rates in order to meet a level of precision for each stratum.

Coefficient of Variation (CV) – What is the Correct Level of Observer Coverage? What is the Correct Standard?

13. Amendment 16 specifies that sector at sea monitoring will at least meet the CV requirement specified in the SBRM (30% CV). The amendment is not clear how this standard is to be applied, which has caused some confusion, and there is also some question about whether this is the correct standard to use to determine coverage levels. The PDT explored the implications of using CV as a standard for sector monitoring coverage by reviewing two documents: realized CVs by sector and stock for FY 2010 and FY 2011 (enclosure (2), separate document provided by NERO), and an exploration of the effects of CV and discard estimate bias on catch estimates (enclosure (3), separate document).

14. A review of other catch share monitoring programs uncovered surprisingly little analytic support for the levels of observer coverage that were adopted. In some cases the level of coverage was selected in order to have a high certainty of capturing rare, but important, takes of valuable (protected r endangered) species. Table 2 below gives an overview of the priorities of several at-sea monitoring programs that require 100 percent observer coverage.

15. Two of the objectives of the sector monitoring program are:

- Determine total catch and effort, for each sector and common pool, of target or regulated species
- Achieve coverage level sufficient to minimize effects of potential monitoring bias while maintaining as much flexibility as possible to enhance fleet viability

A question that needs to be answered is what level of observer coverage is needed to meet these two goals?

16. Enclosure (2) summarizes the sector and stock-specific CVs that were realized in FY 2010 and FY 2011. Solely on a stock basis, all CVs were lower than the 30% standard. On a sector and stock basis, however, there were many instances where the realized CV exceeded the standard. As noted before, Amendment 16 is not clear on how the standard should be applied. At the stock level, it would seem there was more coverage than needed to meet the standard; at the sector-stock level, it appears there was not enough. But there is another question that needs to be considered – is CV the correct standard for determining the coverage needed?

17. CV is nothing more than a measure of variability around an estimate of discards. A fixed CV standard implies that it is just as important to have a precise estimate of a small number as it is to have a precise estimate of a large number. If the concern is accurate estimates of sector catches for each stock (as suggested by the monitoring objective shown above), this may not be the case. This can be illustrated with actual results from the FY 2010 tables. A few examples are summarized in the table below (Table 3). They show that in order to achieve the target CV, many more trips would have to be observed to get a precise estimate of a small amount of discards. This would not be cost effective.

18. If the objective is to be certain that a sector has not exceeded its ACE, then there are three factors that interact: the amount of landings, the amount of discards and the uncertainty around both. It is generally assumed landings are known without error (or with very small errors) and so the uncertainty around the discard estimate is more important. Enclosure xxx explores the interaction between these factors.

19. If the nominal catch (landings plus the discard estimate) is less than the total ACE, the amount of the discards and the amount of the uncertainty in that discard estimate can be used to determine the probability that true catch (the landings plus the true discards) exceeds ACE. This is explored by determining the maximum nominal catch that will have a very low probability (2.5 pct. in the paper) that true catch exceeds the ACE. At low levels of discards <u>and without any bias in the discard estimate</u>, the CV has little influence on this maximum ACE. At least for a single stock, the increase in maximum ACE that results from a better CV may not be worth the cost of the additional observer coverage.

20. The presence of observer bias, however, has a large influence on the maximum ACE, and if observer bias is present then CV has more importance. This was explored by assuming that the true discards were two or three times the nominal discards. The effect is to reduce the maximum ACE by a considerable amount. For a discard rate of 10 percent, and different CVs, the influence of the bias on the maximum ACE is compared to the no bias case in Figure 1.

21. If the true discards are larger than the nominal estimate, it means that the discard rate on unobserved trips must be higher than the discard rate on observed trips. How much higher is a function of the observer coverage level and the bias. Higher levels of observer coverage mean that for a given bias the discard rate on observed trips must be much higher than on unobserved trips.

22. The implications of these analyses are:

- CV, by itself, may not be the appropriate standard for determining observer coverage levels needed to monitor sector catch quotas.
- A biased discard estimate will have more influence on the accuracy of sector catches than the CV standard. It is therefore critical to have enough coverage that the presence of bias can be detected; ideally coverage should provide a way to estimate the amount of bias.
- If CV is used as a standard, in whole or in part, it should be clarified how it is to be applied.

23. Next steps: the PDT is continuing to analyze data to determine if bias is present, and to attempt to quantify that bias. The goal is to link these analyses to together to create an ASM monitoring standard for sectors.

Additional Sub-ACLs for SNE/MA Windowpane Flounder

24. In August the Committee will discuss adopting additional sub-ACLs for SNE/MA windowpane flounder for the fluke, scup, and squid fisheries. The PDT reviewed estimates of catch by these fisheries provided by NERO. There are only two years of data, and unlike the scallop fishery which is primarily a dredge fishery, there is some question about the binning of catches to various FMPs. NERO representatives urged caution in using the data to specify and monitor sub-ACLs for these fisheries.

25. In light if the NERO comments, the PDT suggests that an alternative way to address the issue is to make the area-based accountability measures applicable across all trawl fisheries. This would remove the necessity to track catches by FMP, which can be difficult when trips are not declared into a specific fishery. NERO agreed to develop catch estimates by different trawl mesh categories in order to explore this concept. NOAA GC will be contacted to determine if this approach would meet legal requirements.

Carry-Over

26. Recent guidance on carry-over from NERO was reviewed and discussed by the PDT. The PDT summarized the key elements of the guidance as follows:

- When is carry-over allowed?
    - No change in biomass expected due to under-harvest:
        - Small amount may be allowed as long it does not result in exceeding the ACL or ABC in the fishing year the carryover applies. Analysis would need to show this small amount would likely be offset by other under – harvests such that it would not increase the likelihood total catch would not exceed thee ACL or ABC in year 2. Could be accounted for in management uncertainty.
    - Under harvest leads to appreciable increase over original projection in biomass in year 2
        - Impact of under harvest needs to be evaluated and year 2 ABC and ACL updated. Change could be result of an assessment update, or rerunning projection model with new catch and applying the ABC control rule to get a new value for ABC and ACL. Might be possible to do this formulaically. Another alternative – redistribute ABC that relies on regular under-harvest by other fishery components.

- Carry-over cannot result in authorizing a catch amount that exceeds the ABC set by the SSC.

27. Based on the guidance, the PDT outlined a carry-over approach that would comply with the legal and policy guidance (enclosure (4), attached). There could be three options that might be considered for the framework:

- No action: Carry-over limited to 10 percent of a sector's ACE. Justification would need to be provided to show this complies with legal requirements.

- Modified no action: Carry-over would be limited to some small amount (perhaps 10 percent, perhaps another value), but provisions would be added to restrict carry-over should stock conditions require it.

- Flexible carry-over approach: Based on the straw man, this approach would calculate the amount of carry-over that would be permitted each year, based on the under-harvest.

28. There are several questions that need to be addressed to fully develop the straw man approach:

- What is the purpose of carry-over? Is it to accommodate minor year-end shortfalls in catch, or is intended to serve as an ACE "savings bank"?
- How will it be administered?
- Should there be a minimum amount?
- What if stock conditions differ dramatically from what is expected?

29. The straw man approach is likely to create an annual large administrative burden that will detract from the time available to address other management issues. It should be clearly understood that in most cases, because of the requirement that allocations not exceed the ABC and that overfishing not occur in any given year, each pound not harvested in year 1 will not be available for harvest in year 2. Two examples are shown below (Table 4). One example is for a stock without a stock-recruit relationship (GOM cod), and the second is for a stock with a stock-recruit relationship (GB winter flounder). In both examples the increase in ABC in year two is not equal to the under-harvest in year 1. This raises a question of why any sector would choose to carry-over fish into the next year. It is likely that a large under-harvest will more likely be the result of an inability to catch a quota rather than a rationale decision to delay harvest for future benefits. This implies the under harvest is due to an over-allocation – the quota was set too high due to errors in the assessment. In such a situation, carry-over could adversely affect the stock. Another interesting observation is that in the GOM cod example, the increase in catch in year 3 is larger than the increase in catch in year 2, but the benefits of this higher catch would accrue to the entire fishery and not be limited to the sectors that reduced their catch in year 1.

ABCs

30. Because of a lack of time little progress was made on ABC issues. The PDT will schedule another call or meeting to address these issues.

Enclosures:

(1) Discard length-frequencies (separate document)
(2) FY 2010 and FY 2011 realized stock and stock/sector specific CVs for discard estimates (separate document)
(3) Effect of CV and bias on catch estimates (separate document)
(4) Strawman ACE carry-over concept (attached)
(5) Analysis of full retention (separate document)

Table 1 - Qualitative summary of impact on discards of changes in minimum size of one inch

Species	Discards affected by 1 inch reduction	Size (inches)	Minimum Size to reduce most discards
Cod	Yes	22 (55.9 cm)	18.9 in. (48 cm)
Haddock	Yes	18 (45.7 cm)	15.7 in (40 cm)
Pollock	No	19 (48.3 cm)	14.2 in. (36 cm)
Witch Flounder (gray sole)	Yes	14 (35.6 cm)	10.6 in. (27 cm)
Yellowtail Flounder	Yes	13 (33.0 cm)	11.8 in (30 cm)
American Plaice (dab)	Yes	14 (35.6 cm)	5.5 in. (25 cm)
Atlantic Halibut	No	41 (104.1 cm)	
Winter Flounder (blackback)	Yes	12 (30.5 cm)	7.5 in. (19 cm)
Redfish	No	9 (22.9 cm)	7.1 in. (18 cm)

Table 2 – Comparison of observer program priorities Extracted from "Comparison of At-Sea Catch Monitoring Programs with Full Observer Coverage to the Directed Atlantic herring Fishery – New England"; June 2012; a report prepared by MRAG Americas, Inc.

	NE Herring	HI Swordfish Longline	AK Pollock	WC At-Sea Hake	WC Trawl IFQ
Issues and Priority of Data collection (if applicable) *Data collection priority ranked in order or importance (1 is top priority);* *where lesser priority data would not be collected if time and conditions would not permit.*					
Federal Obs	No	No	No	No	No
Obs Primary Concern	Bycatch - River Herring, Tuna, MMs, seabirds	Bycatch - Turtles, MM, sharks	Bycatch - salmon	Bycatch - rebuilding stocks	Discard analysis
Obs Secondary Concern	Discard Analysis	Biological Sampling	Species Composition	Species Composition	Bycatch - critical stocks
Compliance Monitoring	4	4	6	6	5
MM Collection	5	4	4	5	6
Seabird Collection	5	4	4	5	6
Biological Samples	5	2	3	3	4
Length Frequencies	5	3	3	3	4
Observer Training Center Determination	6	3	5	4	3
Discard Weights	2	No	5	4	1
Species Composition Sampling	3	5	2	2	3
Prohibited Species Monitoring	1	1	1	1	2
Fishing Effort Data	4	5	6	6	5
Gear Measurements	4	No	No	6	No
Processor Recovery Rates	7	No	No	No	No
Shore Side Sampling	No	No	100%	100%	100%

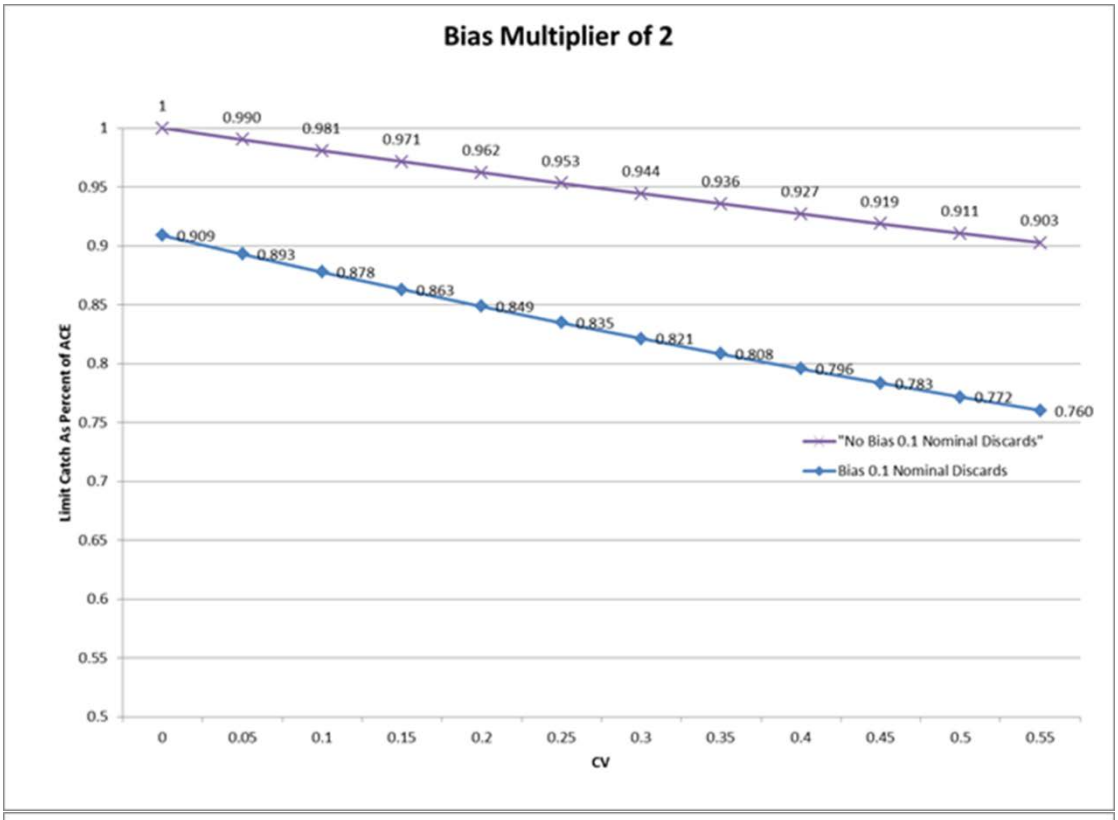
Table 3 – Examples of cost to achieve a stock- sector specific CV of 30 percent in FY 2010. Marginal cost calculated as $750 per additional trip; this estimate will be in error if trip length differs from one day.

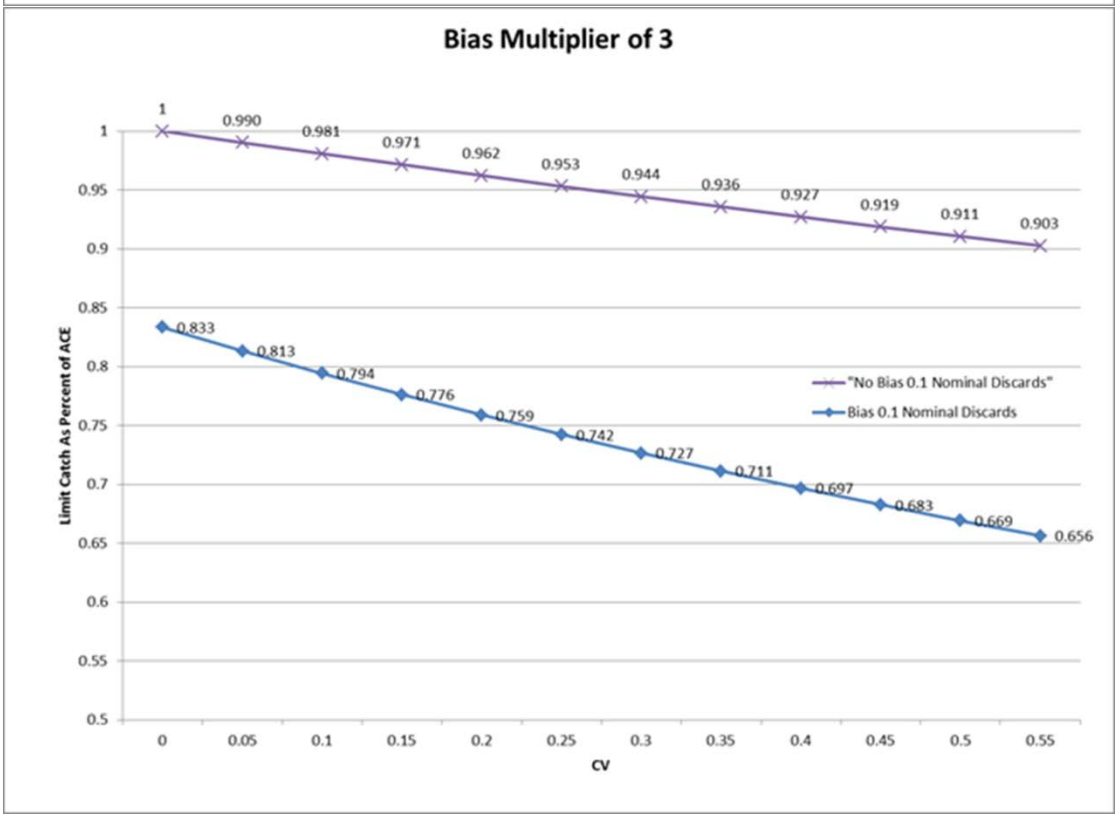
Sector	Stock	Discards (lbs.)	Number of strata sub-trips	Number observed sub-trips	Percent sub-trips observed	Realized stock CV	Percent observer coverage required for CV30	Catch	Percent of ACE Caught	Marginal Cost to Achieve CV30 in FY 2010
SUST HARV 1	GB Winter Flounder	1,707	417	104	24.94	43.73	41.49	256,853	70.6	$ 51,760
NEFS 7	CC/GOM Yellowtail Flounder	618	73	20	27.4	66.57	65.75	38,544	60.1	$ 20,998
NEFS 9	GOM Haddock	59	50	14	28	44.61	48	13,285	63.8	$ 7,500

Table 4 – Example of effect of reduced catch in 2013 on catches in 2014 and 2015 at 75% of FMSY

GOM Cod (no s-r example)								
Year	Catch				Year	SSB		
2012	6,700	6,700	6,700		2012	8,618	8,618	8,618
2013	1,496	1,296	1,096		2013	10,323	10,360	10,396
2014	2,524	2,554	2,582		2014	16,754	16,967	17,144
2015	3,572	3,615	3,643		2015	23,692	23,959	24,142
GB Winter Flounder (s-r example)								
Year	Catch				Year	SSB		
2012	3,753	3,753	3,743		2012	14,173	14,173	14,173
2013	3,750	3,250	2,750		2013	12,909	13,055	13,192
2014	3,598	3,729	3,851		2014	12,904	13,361	13,799
2015	3,720	3,797	3,880		2015	13,313	13,569	13,859

Figure 1 – Maximum nominal catch that has a very low probability that actual catch exceeds ACE. Shown for a discard rate of 10 percent, two discard bias multipliers, and various CVs.





Enclosure (4)

Strawman Carry-over Approach

Determine total sector under-harvest in year 1 *(should total under-harvest be used, rather than sector under-harvest?*)

Determine impact of under-harvest on year 2 ABC (calculate new ABC/ACL)

Evaluate impact of new ABC/ACL on rebuilding program

Determine difference between new year 2 ABC and old Year 2 ABC (ACL?)

Compare under-harvest to difference

Carryover amount allowed each sector is:
Sector under-harvest * (difference/total sector under harvest)

Confirm carry-over will not adversely affect stock conditions

Increase ACL and ABC – but don't change fishery component values except for increased groundfish sub-ACL due to sector carry-over

Modify sector ACE to reflect carry-over

Should there be a minimum carry-over amount?

Advantages:

- Carry-over will always be equal to the increase in catch that results from the under-harvest; so it will not affect management uncertainty buffers
- Benefits of carry-over accrue directly to those that under harvest
- Approach will work whether stock increases or decreases (I think)
- Larger under harvest leads to larger carry-over

Disadvantages:

- Carry-over amount varies from year to year, and won't be known until catch info is available
- Lots of calculations need to be done quickly to distribute carry-over
- Always possible NERO may have to play the trump card due to poor stock conditions
- Can we change ABC/ACL without an actual Council action? Can we modify how the ABC/ACL is distributed without an amendment?
- ABCs and ACLs will constantly change if there is an under harvest

FY 2010 and FY 2011 Realized CVs
Groundfish PDT Report, July 27, 2012
Enclosure (2)

Table 1A: FY2010 Realized Groundfish Stock CV						
Stock	Discards (lbs)	Number of strata sub-trips	Number observed sub-trips	Percent sub-trips observed	Realized stock CV	Percent observer coverage required for CV30
GB Cod East	33,664	463	132	28.51	13.28	7.34
GB Cod West	228,695	5,195	1,732	33.34	6.4	2.23
GOM Cod	177,643	7,585	2,644	34.86	5.47	1.75
Plaice	391,821	13,211	4,178	31.63	4.79	1.17
GB Winter Flounder	41,798	1,612	420	26.05	15.73	8.87
GOM Winter Flounder	3,526	7,585	2,644	34.86	10.31	5.95
Witch Flounder	130,375	13,211	4,178	31.63	5.33	1.44
CC/GOM Yellowtail Flounder	134,063	10,203	3,526	34.56	7.93	3.56
GB Yellowtail Flounder	148,644	1,612	420	26.05	10.3	4.03
SNE/MA Yellowtail Flounder	9,409	1,395	427	30.61	12.97	7.67
GB Haddock East	36,004	463	132	28.51	12.35	6.48
GB Haddock West	50,051	5,195	1,732	33.34	14.85	10.93
GOM Haddock	5,798	7,585	2,644	34.86	10.84	6.54
White Hake	71,276	13,211	4,178	31.63	8.79	3.82
Pollock	171,801	13,211	4,178	31.63	9.81	4.72
Redfish	341,123	13,211	4,178	31.63	11.94	6.83
SNE/MA Winter Flounder	73,787	4,031	1,513	37.53	7.75	3.87
Southern Windowpane	110,095	1,395	427	30.61	8.8	3.73
Northern Windowpane	345,804	11,817	3,768	31.89	11.17	6.1
Ocean Pout	126,770	13,211	4,178	31.63	9.23	4.19
Halibut	44,370	13,211	4,178	31.63	5.3	1.42
Wolffish	42,836	13,211	4,178	31.63	6.45	2.1

Table 1B: FY2011 Realized Groundfish Stock CV						
Stock	Discards (lbs)	Number of strata sub-trips	Number observed sub-trips	Percent sub-trips observed	Realized stock CV	Percent observer coverage required for CV30
GB Cod East	73,475	481	152	31.6	13.95	9.15
GB Cod West	251,340	6,230	1,694	27.19	9.92	3.93
GOM Cod	322,451	10,320	2,986	28.93	4.6	0.95
Plaice	443,138	17,020	4,436	26.06	4.3	0.72
GB Winter Flounder	29,363	1,643	399	24.28	28.94	23.01
GOM Winter Flounder	11,088	10,320	2,986	28.93	9.71	4.1
Witch Flounder	140,105	17,020	4,436	26.06	4.99	0.97
CC/GOM Yellowtail Flounder	188,796	13,433	3,732	27.78	6.96	2.03
GB Yellowtail Flounder	105,824	1,643	399	24.28	10.52	3.83
SNE/MA Yellowtail Flounder	39,884	1,952	538	27.56	9.99	4.1
GB Haddock East	93,137	481	152	31.6	16.48	12.27
GB Haddock West	88,701	6,230	1,694	27.19	10.09	4.06
GOM Haddock	16,481	10,320	2,986	28.93	8	2.82
White Hake	72,090	17,020	4,436	26.06	8.3	2.63
Pollock	243,236	17,020	4,436	26.06	8.26	2.61
Redfish	415,048	17,020	4,436	26.06	9.27	3.26
SNE/MA Winter Flounder	189,565	5,074	1,503	29.62	12.09	6.41
Southern Windowpane	177,208	1,952	538	27.56	8.49	2.97
Northern Windowpane	348,789	15,071	3,931	26.08	9.04	3.11
Ocean Pout	129,689	17,020	4,436	26.06	10.02	3.79
Halibut	68,897	17,020	4,436	26.06	6.6	1.68
Wolffish	72,463	17,020	4,436	26.06	6.81	1.79

Table 2A: FY2010 Realized Groundfish Stock CV for Sector and Stock

Sector	Stock	Discards (lbs)	Number of strata sub-trips	Number observed sub-trips	Percent sub-trips observed	Realized stock CV	Percent observer coverage required for CV30
FIXED GEAR	GB Cod East	13,723	56	12	21.43	12.57	5.36
FIXED GEAR	GB Cod West	40,223	1,851	761	41.11	8.07	4.86
FIXED GEAR	GOM Cod	29,409	151	53	35.1	15.94	13.91
FIXED GEAR	Plaice	446	2,058	824	40.04	27.49	35.96
FIXED GEAR	GB Winter Flounder	64	87	37	42.53	41.69	59.77
FIXED GEAR	GOM Winter Flounder	33	151	53	35.1	34.86	42.38
FIXED GEAR	Witch Flounder	106	2,058	824	40.04	49.75	64.77
FIXED GEAR	CC/GOM Yellowtail Flounder	766	1,807	746	41.28	16.48	17.54
FIXED GEAR	GB Yellowtail Flounder	13	87	37	42.53	53.59	71.26
FIXED GEAR	SNE/MA Yellowtail Flounder	27	167	59	35.33	53.03	63.47
FIXED GEAR	GB Haddock East	8,344	56	12	21.43	27.72	19.64
FIXED GEAR	GB Haddock West	8,708	1,851	761	41.11	17.8	19.77
FIXED GEAR	GOM Haddock	9	151	53	35.1	80.9	80.13
FIXED GEAR	White Hake	5,982	2,058	824	40.04	22.98	28.18
FIXED GEAR	Pollock	27,975	2,058	824	40.04	18.37	20.07
FIXED GEAR	Redfish	319	2,058	824	40.04	19.2	21.53
FIXED GEAR	SNE/MA Winter Flounder	6,807	1,822	750	41.16	13.27	12.07
FIXED GEAR	Southern Windowpane	54	167	59	35.33	61.34	70.06
FIXED GEAR	Northern Windowpane	801	1,892	767	40.54	31.06	42.23
FIXED GEAR	Ocean Pout	2,516	2,058	824	40.04	26.91	34.99
FIXED GEAR	Halibut	1,184	2,058	824	40.04	20.07	23.03
FIXED GEAR	Wolffish	5,300	2,058	824	40.04	12.35	10.2
NCCS	GOM Cod	250	41	18	43.9	62.44	78.05
NCCS	Plaice	-	41	18	43.9		
NCCS	GOM Winter Flounder	-	41	18	43.9		
NCCS	Witch Flounder	-	41	18	43.9		
NCCS	CC/GOM Yellowtail Flounder	-	41	18	43.9		
NCCS	GOM Haddock	37	41	18	43.9	49.93	70.73
NCCS	White Hake	89	41	18	43.9	51.61	70.73
NCCS	Pollock	1	41	18	43.9	83.64	87.8
NCCS	Redfish	2	41	18	43.9	83.22	87.8
NCCS	Northern Windowpane	-	41	18	43.9		
NCCS	Ocean Pout	-	41	18	43.9		
NCCS	Halibut	2,353	41	18	43.9	46.19	65.85
NCCS	Wolffish	155	41	18	43.9	81.28	85.37

PORT CYLDE	GOM Cod	3,440	488	161	32.99	11.49	6.76
PORT CYLDE	Plaice	10,133	488	161	32.99	20.5	18.85
PORT CYLDE	GOM Winter Flounder	65	488	161	32.99	72.76	74.39
PORT CYLDE	Witch Flounder	6,518	488	161	32.99	17.34	14.14
PORT CYLDE	CC/GOM Yellowtail Flounder	769	488	161	32.99	70.08	72.95
PORT CYLDE	GOM Haddock	155	488	161	32.99	23.64	23.57
PORT CYLDE	White Hake	3,023	488	161	32.99	19.68	17.62
PORT CYLDE	Pollock	4,290	488	161	32.99	27.08	28.69
PORT CYLDE	Redfish	1,722	488	161	32.99	20.36	18.65
PORT CYLDE	Northern Windowpane	224	488	161	32.99	78.81	77.46
PORT CYLDE	Ocean Pout	27	488	161	32.99	60.6	66.8
PORT CYLDE	Halibut	2,850	488	161	32.99	19.93	18.03
PORT CYLDE	Wolffish	634	488	161	32.99	23.23	22.95
SUST HARV 1	GB Cod East	3,181	158	44	27.85	42.15	43.67
SUST HARV 1	GB Cod West	31,096	600	208	34.67	21.56	21.67
SUST HARV 1	GOM Cod	20,242	973	317	32.58	12.92	8.32
SUST HARV 1	Plaice	173,053	1,715	402	23.44	8.48	2.39
SUST HARV 1	GB Winter Flounder	1,707	417	104	24.94	43.73	41.49
SUST HARV 1	GOM Winter Flounder	264	973	317	32.58	26.58	27.54
SUST HARV 1	Witch Flounder	52,197	1,715	402	23.44	9.4	2.97
SUST HARV 1	CC/GOM Yellowtail Flounder	9,498	1,243	354	28.48	35.12	35.32
SUST HARV 1	GB Yellowtail Flounder	16,550	417	104	24.94	16.78	9.59
SUST HARV 1	SNE/MA Yellowtail Flounder	688	57	12	21.05	36.21	28.07
SUST HARV 1	GB Haddock East	16,337	158	44	27.85	22.03	17.72
SUST HARV 1	GB Haddock West	15,467	600	208	34.67	35.1	42.17
SUST HARV 1	GOM Haddock	2,502	973	317	32.58	21.29	19.63
SUST HARV 1	White Hake	25,698	1,715	402	23.44	17.65	9.62
SUST HARV 1	Pollock	46,580	1,715	402	23.44	13.6	5.95
SUST HARV 1	Redfish	143,166	1,715	402	23.44	16.09	8.1
SUST HARV 1	SNE/MA Winter Flounder	2,932	342	160	46.78	25.55	39.18
SUST HARV 1	Southern Windowpane	4,764	57	12	21.05	49.08	42.11
SUST HARV 1	Northern Windowpane	18,053	1,658	391	23.58	22.44	14.78
SUST HARV 1	Ocean Pout	9,271	1,715	402	23.44	39.98	35.28
SUST HARV 1	Halibut	8,867	1,715	402	23.44	10.29	3.5
SUST HARV 1	Wolffish	9,022	1,715	402	23.44	19.15	11.14

TRI-STATE	GB Cod West	2,547	19	7	36.84	29.59	36.84
TRI-STATE	GOM Cod	445	92	24	26.09	26.36	21.74
TRI-STATE	Plaice	2,984	111	31	27.93	48.09	50.45
TRI-STATE	GB Winter Flounder	281	19	7	36.84	37.58	52.63
TRI-STATE	GOM Winter Flounder	22	92	24	26.09	45.89	45.65
TRI-STATE	Witch Flounder	845	111	31	27.93	25.73	22.52
TRI-STATE	CC/GOM Yellowtail Flounder	1,016	92	24	26.09	28	23.91
TRI-STATE	GB Yellowtail Flounder	4,731	19	7	36.84	24.61	31.58
TRI-STATE	GB Haddock West	3,418	19	7	36.84	50.26	63.16
TRI-STATE	GOM Haddock	-	92	24	26.09		
TRI-STATE	White Hake	608	111	31	27.93	56.49	58.56
TRI-STATE	Pollock	257	111	31	27.93	52.01	54.05
TRI-STATE	Redfish	-	111	31	27.93		
TRI-STATE	Northern Windowpane	3,459	111	31	27.93	33.6	33.33
TRI-STATE	Ocean Pout	1,381	111	31	27.93	26.24	23.42
TRI-STATE	Halibut	154	111	31	27.93	41.66	43.24
TRI-STATE	Wolffish	95	111	31	27.93	74.33	71.17
NEFS 2	GB Cod East	1,869	57	19	33.33	29.19	33.33
NEFS 2	GB Cod West	14,621	262	90	34.35	16.43	13.74
NEFS 2	GOM Cod	54,220	1,436	487	33.91	8.71	4.18
NEFS 2	Plaice	60,898	1,755	517	29.46	8.17	3.02
NEFS 2	GB Winter Flounder	1,955	128	40	31.25	39.81	44.53
NEFS 2	GOM Winter Flounder	1,998	1,436	487	33.91	16.57	13.58
NEFS 2	Witch Flounder	18,000	1,755	517	29.46	10.31	4.73
NEFS 2	CC/GOM Yellowtail Flounder	75,070	1,627	511	31.41	13.2	8.17
NEFS 2	GB Yellowtail Flounder	9,765	128	40	31.25	34.46	37.5
NEFS 2	GB Haddock East	3,582	57	19	33.33	28.5	31.58
NEFS 2	GB Haddock West	926	262	90	34.35	21.06	20.61
NEFS 2	GOM Haddock	811	1,436	487	33.91	17.2	14.48
NEFS 2	White Hake	3,102	1,755	517	29.46	22.22	18.69
NEFS 2	Pollock	13,416	1,755	517	29.46	17.34	12.25
NEFS 2	Redfish	128,389	1,755	517	29.46	23.02	19.77
NEFS 2	SNE/MA Winter Flounder	859	191	82	42.93	68.94	80.1
NEFS 2	Northern Windowpane	26,065	1,755	517	29.46	11.35	5.64
NEFS 2	Ocean Pout	4,035	1,755	517	29.46	13.49	7.81
NEFS 2	Halibut	7,917	1,755	517	29.46	10.3	4.73
NEFS 2	Wolffish	10,057	1,755	517	29.46	11.69	5.98

NEFS 3	GB Cod West	189	129	26	20.16	50.42	41.86
NEFS 3	GOM Cod	30,219	2,273	777	34.18	6.53	2.42
NEFS 3	Plaice	1,509	2,402	802	33.39	32.12	36.51
NEFS 3	GOM Winter Flounder	375	2,273	777	34.18	13.79	9.9
NEFS 3	Witch Flounder	83	2,402	802	33.39	22.31	21.73
NEFS 3	CC/GOM Yellowtail Flounder	14,332	2,279	779	34.18	13.83	9.96
NEFS 3	SNE/MA Yellowtail Flounder	47	123	23	18.7	57.08	45.53
NEFS 3	GB Haddock West	72	129	26	20.16	92.53	71.32
NEFS 3	GOM Haddock	1,329	2,273	777	34.18	14.75	11.17
NEFS 3	White Hake	725	2,402	802	33.39	22.66	22.27
NEFS 3	Pollock	7,613	2,402	802	33.39	22.33	21.77
NEFS 3	Redfish	401	2,402	802	33.39	17.19	14.15
NEFS 3	SNE/MA Winter Flounder	8	129	26	20.16	90.53	69.77
NEFS 3	Southern Windowpane	43	123	23	18.7	85.19	65.04
NEFS 3	Northern Windowpane	723	2,279	779	34.18	11.79	7.46
NEFS 3	Ocean Pout	645	2,402	802	33.39	26.1	27.52
NEFS 3	Halibut	1,822	2,402	802	33.39	14.93	11.07
NEFS 3	Wolffish	3,777	2,402	802	33.39	27.08	29.02
NEFS 5	GB Cod East	163	4	-	0		
NEFS 5	GB Cod West	25,336	628	236	37.58	15.58	14.01
NEFS 5	GOM Cod	5	1	-	0		
NEFS 5	Plaice	1,612	633	236	37.28	59.54	70.14
NEFS 5	GB Winter Flounder	516	59	12	20.34	39.05	30.51
NEFS 5	GOM Winter Flounder	-	1	-	0		
NEFS 5	Witch Flounder	1,799	633	236	37.28	24.11	27.8
NEFS 5	CC/GOM Yellowtail Flounder	25	3	-	0		
NEFS 5	GB Yellowtail Flounder	8,806	59	12	20.34	34.21	25.42
NEFS 5	SNE/MA Yellowtail Flounder	3,486	571	228	39.93	13.87	12.61
NEFS 5	GB Haddock East	429	4	-	0		
NEFS 5	GB Haddock West	2,766	628	236	37.58	37.57	48.73
NEFS 5	GOM Haddock	-	1	-	0		
NEFS 5	White Hake	496	633	236	37.28	38.23	49.13
NEFS 5	Pollock	19	633	236	37.28	75.17	78.99
NEFS 5	Redfish	83	633	236	37.28	61.5	71.56
NEFS 5	SNE/MA Winter Flounder	29,860	573	228	39.79	8.2	4.71
NEFS 5	Southern Windowpane	64,184	571	228	39.93	9.16	5.95
NEFS 5	Northern Windowpane	20,083	62	12	19.35	36.31	27.42
NEFS 5	Ocean Pout	13,919	633	236	37.28	23.04	26.07
NEFS 5	Halibut	49	633	236	37.28	49.52	61.93
NEFS 5	Wolffish	-	633	236	37.28		

NEFS 6	GB Cod East	131	12	1	8.33		
NEFS 6	GB Cod West	2,146	91	24	26.37	38.36	37.36
NEFS 6	GOM Cod	869	110	27	24.55	25.59	20
NEFS 6	Plaice	25,634	213	34	15.96	19.88	7.98
NEFS 6	GB Winter Flounder	70	26	5	19.23	29.73	19.23
NEFS 6	GOM Winter Flounder	119	110	27	24.55	63.97	60
NEFS 6	Witch Flounder	4,818	213	34	15.96	24.89	11.74
NEFS 6	CC/GOM Yellowtail Flounder	1,691	185	30	16.22	48.73	34.05
NEFS 6	GB Yellowtail Flounder	1,900	26	5	19.23	99.42	73.08
NEFS 6	SNE/MA Yellowtail Flounder	-	2	1	50		
NEFS 6	GB Haddock East	346	12	1	8.33		
NEFS 6	GB Haddock West	15	91	24	26.37	62.17	61.54
NEFS 6	GOM Haddock	4	110	27	24.55	74.37	67.27
NEFS 6	White Hake	297	213	34	15.96	63.92	46.48
NEFS 6	Pollock	3,660	213	34	15.96	38.45	23.94
NEFS 6	Redfish	5,678	213	34	15.96	27.07	13.62
NEFS 6	SNE/MA Winter Flounder	94	77	23	29.87	87.56	79.22
NEFS 6	Southern Windowpane	-	2	1	50		
NEFS 6	Northern Windowpane	938	211	33	15.64	39.12	24.17
NEFS 6	Ocean Pout	7,094	213	34	15.96	61.04	44.13
NEFS 6	Halibut	1,286	213	34	15.96	30.58	16.9
NEFS 6	Wolffish	648	213	34	15.96	53.57	38.03
NEFS 7	GB Cod East	223	24	12	50	50.26	75
NEFS 7	GB Cod West	7,575	402	94	23.38	23.82	16.17
NEFS 7	GOM Cod	295	3	-	0		
NEFS 7	Plaice	20,861	426	97	22.77	16.61	8.45
NEFS 7	GB Winter Flounder	5,909	188	49	26.06	39.22	37.77
NEFS 7	GOM Winter Flounder	3	3	-	0		
NEFS 7	Witch Flounder	10,183	426	97	22.77	21.18	12.91
NEFS 7	CC/GOM Yellowtail Flounder	618	73	20	27.4	66.57	65.75
NEFS 7	GB Yellowtail Flounder	10,607	188	49	26.06	18.24	11.7
NEFS 7	SNE/MA Yellowtail Flounder	1,049	165	41	24.85	62.38	59.39
NEFS 7	GB Haddock East	77	24	12	50	15.87	25
NEFS 7	GB Haddock West	3,053	402	94	23.38	18.62	10.7
NEFS 7	GOM Haddock	18	3	-	0		
NEFS 7	White Hake	7,365	426	97	22.77	27.39	19.95
NEFS 7	Pollock	1,625	426	97	22.77	66.82	59.62
NEFS 7	Redfish	2,028	426	97	22.77	33.42	27
NEFS 7	SNE/MA Winter Flounder	3,444	235	60	25.53	59.87	57.87
NEFS 7	Southern Windowpane	3,924	165	41	24.85	48.58	46.67
NEFS 7	Northern Windowpane	33,750	261	59	22.61	15.56	7.66
NEFS 7	Ocean Pout	10,597	426	97	22.77	32.13	25.35
NEFS 7	Halibut	1,050	426	97	22.77	24.42	16.43
NEFS 7	Wolffish	1,318	426	97	22.77	30.49	23.47

NEFS 8	GB Cod East	4,800	45	14	31.11	23.5	22.22
NEFS 8	GB Cod West	16,377	188	47	25	22.09	15.43
NEFS 8	GOM Cod	-	8	2	25		
NEFS 8	Plaice	20,100	232	49	21.12	25.38	16.38
NEFS 8	GB Winter Flounder	6,135	156	39	25	47.15	45.51
NEFS 8	GOM Winter Flounder	-	8	2	25		
NEFS 8	Witch Flounder	5,682	232	49	21.12	33.32	25
NEFS 8	CC/GOM Yellowtail Flounder	1,076	54	12	22.22	48.23	42.59
NEFS 8	GB Yellowtail Flounder	19,120	156	39	25	29.13	24.36
NEFS 8	SNE/MA Yellowtail Flounder	80	22	5	22.73	59.77	54.55
NEFS 8	GB Haddock East	2,471	45	14	31.11	31.21	33.33
NEFS 8	GB Haddock West	2,715	188	47	25	30.8	26.06
NEFS 8	GOM Haddock	-	8	2	25		
NEFS 8	White Hake	505	232	49	21.12	36.99	29.31
NEFS 8	Pollock	443	232	49	21.12	57.04	49.57
NEFS 8	Redfish	1,980	232	49	21.12	49.47	42.24
NEFS 8	SNE/MA Winter Flounder	8,828	72	20	27.78	59.9	61.11
NEFS 8	Southern Windowpane	2,503	22	5	22.73	62.65	59.09
NEFS 8	Northern Windowpane	34,473	210	46	21.9	12.16	4.76
NEFS 8	Ocean Pout	21,630	232	49	21.12	21.7	12.5
NEFS 8	Halibut	2,648	232	49	21.12	37.3	29.31
NEFS 8	Wolffish	259	232	49	21.12	45.37	38.36
NEFS 9	GB Cod East	8,741	83	23	27.71	13.96	8.43
NEFS 9	GB Cod West	70,335	441	86	19.5	13.75	4.99
NEFS 9	GOM Cod	789	50	14	28	37.55	38
NEFS 9	Plaice	44,543	571	95	16.64	15.41	5.08
NEFS 9	GB Winter Flounder	19,795	336	74	22.02	24.57	16.07
NEFS 9	GOM Winter Flounder	6	50	14	28	88.21	78
NEFS 9	Witch Flounder	21,214	571	95	16.64	17.42	6.48
NEFS 9	CC/GOM Yellowtail Flounder	2,893	211	56	26.54	46.79	46.92
NEFS 9	GB Yellowtail Flounder	62,433	336	74	22.02	20.88	12.2
NEFS 9	SNE/MA Yellowtail Flounder	-	22	1	4.55		
NEFS 9	GB Haddock East	3,861	83	23	27.71	17.53	12.05
NEFS 9	GB Haddock West	10,368	441	86	19.5	24.73	14.29
NEFS 9	GOM Haddock	59	50	14	28	44.61	48
NEFS 9	White Hake	13,386	571	95	16.64	19.07	7.53
NEFS 9	Pollock	6,089	571	95	16.64	27.74	14.71
NEFS 9	Redfish	46,832	571	95	16.64	25.35	12.61
NEFS 9	SNE/MA Winter Flounder	9,045	183	52	28.42	34.58	34.97
NEFS 9	Southern Windowpane	336	22	1	4.55		
NEFS 9	Northern Windowpane	149,337	549	95	17.3	25.4	13.11
NEFS 9	Ocean Pout	32,507	571	95	16.64	15.58	5.25
NEFS 9	Halibut	5,829	571	95	16.64	19.2	7.71
NEFS 9	Wolffish	5,558	571	95	16.64	22.93	10.51

NEFS 10	GB Cod West	1,108	122	44	36.07	25.82	29.51
NEFS 10	GOM Cod	11,584	623	265	42.54	9.45	6.9
NEFS 10	Plaice	6,448	745	304	40.81	15.55	15.7
NEFS 10	GOM Winter Flounder	407	623	265	42.54	18.76	22.47
NEFS 10	Witch Flounder	1,077	745	304	40.81	17.27	18.66
NEFS 10	CC/GOM Yellowtail Flounder	17,846	727	301	41.4	11.28	9.22
NEFS 10	SNE/MA Yellowtail Flounder	-	18	3	16.67		
NEFS 10	GB Haddock West	19	122	44	36.07	56.11	66.39
NEFS 10	GOM Haddock	100	623	265	42.54	35.03	50.24
NEFS 10	White Hake	898	745	304	40.81	26.85	35.57
NEFS 10	Pollock	1,723	745	304	40.81	32.49	44.83
NEFS 10	Redfish	595	745	304	40.81	53.65	68.86
NEFS 10	SNE/MA Winter Flounder	682	122	44	36.07	28.15	33.61
NEFS 10	Southern Windowpane	-	18	3	16.67		
NEFS 10	Northern Windowpane	5,547	727	301	41.4	17.56	19.53
NEFS 10	Ocean Pout	2,913	745	304	40.81	17.77	19.6
NEFS 10	Halibut	918	745	304	40.81	16.74	17.72
NEFS 10	Wolffish	3,256	745	304	40.81	12.25	10.34
NEFS 11	GB Cod West	-	114	13	11.4		
NEFS 11	GOM Cod	24,090	1,270	470	37.01	14.5	12.13
NEFS 11	Plaice	4,968	1,384	483	34.9	26.73	29.91
NEFS 11	GOM Winter Flounder	130	1,270	470	37.01	24.79	28.66
NEFS 11	Witch Flounder	1,178	1,384	483	34.9	30.84	36.2
NEFS 11	CC/GOM Yellowtail Flounder	1,621	1,270	470	37.01	33.58	42.44
NEFS 11	SNE/MA Yellowtail Flounder	-	114	13	11.4		
NEFS 11	GB Haddock West	-	114	13	11.4		
NEFS 11	GOM Haddock	774	1,270	470	37.01	16.36	14.88
NEFS 11	White Hake	4,354	1,384	483	34.9	40.12	48.99
NEFS 11	Pollock	57,358	1,384	483	34.9	20.42	19.94
NEFS 11	Redfish	3,515	1,384	483	34.9	39.26	47.9
NEFS 11	SNE/MA Winter Flounder	-	114	13	11.4		
NEFS 11	Southern Windowpane	-	114	13	11.4		
NEFS 11	Northern Windowpane	57	1,270	470	37.01	50.45	62.44
NEFS 11	Ocean Pout	12	1,384	483	34.9	57.16	66.11
NEFS 11	Halibut	4,074	1,384	483	34.9	17.28	15.1
NEFS 11	Wolffish	1,176	1,384	483	34.9	20.45	19.94

NEFS 12	GOM Cod	1,786	60	27	45	28.43	43.33
NEFS 12	Plaice	1,938	60	27	45	23.07	33.33
NEFS 12	GOM Winter Flounder	30	60	27	45	37.99	58.33
NEFS 12	Witch Flounder	316	60	27	45	41.85	61.67
NEFS 12	CC/GOM Yellowtail Flounder	2,776	60	27	45	40.72	61.67
NEFS 12	GOM Haddock	-	60	27	45		
NEFS 12	White Hake	-	60	27	45		
NEFS 12	Pollock	9	60	27	45	76.46	85
NEFS 12	Redfish	39	60	27	45	38.01	58.33
NEFS 12	Northern Windowpane	164	60	27	45	29.05	45
NEFS 12	Ocean Pout	3	60	27	45	74.72	85
NEFS 12	Halibut	9	60	27	45	73.73	83.33
NEFS 12	Wolffish	465	60	27	45	32.59	50
NEFS 13	GB Cod East	833	24	7	29.17	19.48	16.67
NEFS 13	GB Cod West	17,142	348	96	27.59	20.92	15.8
NEFS 13	GOM Cod	-	6	2	33.33		
NEFS 13	Plaice	16,694	377	98	25.99	37.3	35.28
NEFS 13	GB Winter Flounder	5,366	196	53	27.04	41.14	41.33
NEFS 13	GOM Winter Flounder	74	6	2	33.33	113.09	100
NEFS 13	Witch Flounder	6,359	377	98	25.99	30.96	27.32
NEFS 13	CC/GOM Yellowtail Flounder	4,066	43	17	39.53	80.43	83.72
NEFS 13	GB Yellowtail Flounder	14,719	196	53	27.04	23.35	18.37
NEFS 13	SNE/MA Yellowtail Flounder	4,032	134	41	30.6	25.29	23.88
NEFS 13	GB Haddock East	557	24	7	29.17	23.47	20.83
NEFS 13	GB Haddock West	2,524	348	96	27.59	29.42	27.01
NEFS 13	GOM Haddock	-	6	2	33.33		
NEFS 13	White Hake	4,748	377	98	25.99	46.29	45.62
NEFS 13	Pollock	743	377	98	25.99	72.1	67.11
NEFS 13	Redfish	6,374	377	98	25.99	44.93	44.3
NEFS 13	SNE/MA Winter Flounder	11,228	171	55	32.16	24.18	23.98
NEFS 13	Southern Windowpane	34,287	134	41	30.6	21.64	19.4
NEFS 13	Northern Windowpane	52,130	243	61	25.1	33.09	29.22
NEFS 13	Ocean Pout	20,220	377	98	25.99	32.58	29.44
NEFS 13	Halibut	3,360	377	98	25.99	26.33	21.49
NEFS 13	Wolffish	1,116	377	98	25.99	32.72	29.71

Table 2B: FY2011 Realized Groundfish Stock CV for Sector and Stock

Sector	Stock	Discards (lbs)	Number of strata sub-trips	Number observed sub-trips	Percent sub-trips observed	Realized stock CV	Percent observer coverage required for CV30
FIXED GEAR	GB Cod East	9306	31	5	16.13	23.97	12.9
FIXED GEAR	GB Cod West	29408	2381	624	26.21	14.26	7.43
FIXED GEAR	GOM Cod	24009	254	29	11.42	40.73	19.29
FIXED GEAR	Plaice	180	2666	662	24.83	18.17	10.84
FIXED GEAR	GB Winter Flounder	44	42	8	19.05	69.04	57.14
FIXED GEAR	GOM Winter Flounder	24	254	29	11.42	34.35	14.57
FIXED GEAR	Witch Flounder	4	2666	662	24.83	86.72	73.44
FIXED GEAR	CC/GOM Yellowtail Flounder	243	2376	597	25.13	31.36	26.85
FIXED GEAR	GB Yellowtail Flounder	35	42	8	19.05	53.57	45.24
FIXED GEAR	SNE/MA Yellowtail Flounder	0	248	55	22.18		
FIXED GEAR	GB Haddock East	13559	31	5	16.13	41.85	29.03
FIXED GEAR	GB Haddock West	2275	2381	624	26.21	29.25	25.24
FIXED GEAR	GOM Haddock	1564	254	29	11.42	45.29	22.83
FIXED GEAR	White Hake	4418	2666	662	24.83	16.22	8.81
FIXED GEAR	Pollock	18920	2666	662	24.83	17.43	10.05
FIXED GEAR	Redfish	333	2666	662	24.83	36	32.26
FIXED GEAR	SNE/MA Winter Flounder	2926	2370	620	26.16	14.5	7.68
FIXED GEAR	Southern Windowpane	0	248	55	22.18		
FIXED GEAR	Northern Windowpane	417	2418	608	25.14	18.61	11.46
FIXED GEAR	Ocean Pout	8699	2666	662	24.83	50.63	48.5
FIXED GEAR	Halibut	4942	2666	662	24.83	68.13	63.02
FIXED GEAR	Wolffish	4551	2666	662	24.83	17	9.6
NCCS	GB Cod West	42	18	0	0		
NCCS	GOM Cod	4350	60	14	23.33	13.36	6.67
NCCS	Plaice	58	78	14	17.95	23.38	12.82
NCCS	GOM Winter Flounder	0	60	14	23.33		
NCCS	Witch Flounder	19	78	14	17.95	23.94	12.82
NCCS	CC/GOM Yellowtail Flounder	0	60	14	23.33		
NCCS	SNE/MA Yellowtail Flounder	10	18	0	0		
NCCS	GB Haddock West	7	18	0	0		
NCCS	GOM Haddock	0	60	14	23.33		
NCCS	White Hake	7	78	14	17.95	23.94	12.82
NCCS	Pollock	33	78	14	17.95	27.69	16.67
NCCS	Redfish	44	78	14	17.95	23.94	12.82
NCCS	SNE/MA Winter Flounder	36	18	0	0		
NCCS	Southern Windowpane	136	18	0	0		
NCCS	Northern Windowpane	0	60	14	23.33		
NCCS	Ocean Pout	235	78	14	17.95	30.48	19.23
NCCS	Halibut	4	78	14	17.95	23.94	12.82
NCCS	Wolffish	180	78	14	17.95	46.76	35.9

PORT CYLDE	GB Cod West	28	1	1	100		
PORT CYLDE	GOM Cod	7544	765	195	25.49	10.31	3.92
PORT CYLDE	Plaice	11228	766	195	25.46	22.48	16.19
PORT CYLDE	GB Winter Flounder	0	1	1	100		
PORT CYLDE	GOM Winter Flounder	10	765	195	25.49	38.67	36.34
PORT CYLDE	Witch Flounder	9466	766	195	25.46	17.33	10.31
PORT CYLDE	CC/GOM Yellowtail Flounder	75	765	195	25.49	41.23	39.35
PORT CYLDE	GB Yellowtail Flounder	0	1	1	100		
PORT CYLDE	GB Haddock West	0	1	1	100		
PORT CYLDE	GOM Haddock	580	765	195	25.49	41.26	39.35
PORT CYLDE	White Hake	10411	766	195	25.46	13.27	6.27
PORT CYLDE	Pollock	23247	766	195	25.46	13.19	6.27
PORT CYLDE	Redfish	1817	766	195	25.46	18.26	11.36
PORT CYLDE	Northern Windowpane	0	766	195	25.46		
PORT CYLDE	Ocean Pout	9	766	195	25.46	86.56	74.02
PORT CYLDE	Halibut	3841	766	195	25.46	17.21	10.18
PORT CYLDE	Wolffish	1229	766	195	25.46	19.03	12.14
SUST HARV 1	GB Cod East	15729	194	54	27.84	30.83	29.38
SUST HARV 1	GB Cod West	48313	570	195	34.21	25.35	27.19
SUST HARV 1	GOM Cod	44129	1068	327	30.62	13.08	7.77
SUST HARV 1	Plaice	166124	1817	400	22.01	7.36	1.71
SUST HARV 1	GB Winter Flounder	1353	452	105	23.23	23.7	15.93
SUST HARV 1	GOM Winter Flounder	698	1068	327	30.62	25.71	24.53
SUST HARV 1	Witch Flounder	58295	1817	400	22.01	8.2	2.09
SUST HARV 1	CC/GOM Yellowtail Flounder	9089	1306	353	27.03	26.89	22.97
SUST HARV 1	GB Yellowtail Flounder	9765	452	105	23.23	21.87	13.94
SUST HARV 1	SNE/MA Yellowtail Flounder	3002	63	15	23.81	26.96	20.63
SUST HARV 1	GB Haddock East	48902	194	54	27.84	27.45	24.74
SUST HARV 1	GB Haddock West	22657	570	195	34.21	15.93	12.81
SUST HARV 1	GOM Haddock	2892	1068	327	30.62	11.71	6.37
SUST HARV 1	White Hake	5254	1817	400	22.01	24.18	15.52
SUST HARV 1	Pollock	60306	1817	400	22.01	16.35	7.76
SUST HARV 1	Redfish	247642	1817	400	22.01	13.37	5.34
SUST HARV 1	SNE/MA Winter Flounder	25722	312	151	48.4	31.72	51.28
SUST HARV 1	Southern Windowpane	13123	63	15	23.81	37.91	33.33
SUST HARV 1	Northern Windowpane	13465	1756	388	22.1	24.22	15.6
SUST HARV 1	Ocean Pout	8829	1817	400	22.01	14.43	6.16
SUST HARV 1	Halibut	21599	1817	400	22.01	8.69	2.37
SUST HARV 1	Wolffish	12800	1817	400	22.01	16.57	7.98

TRI-STATE	GB Cod West	1119	16	4	25	6.28	6.25
TRI-STATE	GOM Cod	751	41	9	21.95	15.89	7.32
TRI-STATE	Plaice	557	57	13	22.81	28.69	22.81
TRI-STATE	GB Winter Flounder	3	16	4	25	72.31	68.75
TRI-STATE	GOM Winter Flounder	12	41	9	21.95	18.33	9.76
TRI-STATE	Witch Flounder	74	57	13	22.81	36.8	31.58
TRI-STATE	CC/GOM Yellowtail Flounder	2132	41	9	21.95	21.72	14.63
TRI-STATE	GB Yellowtail Flounder	1093	16	4	25	29.1	25
TRI-STATE	GB Haddock West	1624	16	4	25	28.42	25
TRI-STATE	GOM Haddock	0	41	9	21.95		
TRI-STATE	White Hake	194	57	13	22.81	63.71	57.89
TRI-STATE	Pollock	194	57	13	22.81	91.59	73.68
TRI-STATE	Redfish	0	57	13	22.81		
TRI-STATE	Northern Windowpane	380	57	13	22.81	22.87	15.79
TRI-STATE	Ocean Pout	484	57	13	22.81	27.78	21.05
TRI-STATE	Halibut	118	57	13	22.81	63.43	57.89
TRI-STATE	Wolffish	184	57	13	22.81	38.97	33.33
NEFS 2	GB Cod East	16474	53	19	35.85	50.61	62.26
NEFS 2	GB Cod West	21441	295	95	32.2	21.13	19.32
NEFS 2	GOM Cod	98823	2172	540	24.86	9.22	3.04
NEFS 2	Plaice	102651	2520	564	22.38	9.14	2.62
NEFS 2	GB Winter Flounder	1954	134	39	29.1	33.21	33.58
NEFS 2	GOM Winter Flounder	3811	2172	540	24.86	16.64	9.25
NEFS 2	Witch Flounder	21361	2520	564	22.38	10.28	3.29
NEFS 2	CC/GOM Yellowtail Flounder	66613	2390	556	23.26	12.54	5.06
NEFS 2	GB Yellowtail Flounder	4333	134	39	29.1	43.65	47.01
NEFS 2	GB Haddock East	15365	53	19	35.85	32.73	41.51
NEFS 2	GB Haddock West	11221	295	95	32.2	28.77	30.51
NEFS 2	GOM Haddock	4461	2172	540	24.86	22.37	15.56
NEFS 2	White Hake	4723	2520	564	22.38	36.24	29.64
NEFS 2	Pollock	14534	2520	564	22.38	15.84	7.46
NEFS 2	Redfish	83468	2520	564	22.38	13.69	5.67
NEFS 2	SNE/MA Winter Flounder	797	216	84	38.89	44.84	58.8
NEFS 2	Northern Windowpane	30922	2520	564	22.38	11.06	3.81
NEFS 2	Ocean Pout	6379	2520	564	22.38	10.04	3.13
NEFS 2	Halibut	7097	2520	564	22.38	12.61	4.88
NEFS 2	Wolffish	29298	2520	564	22.38	11.4	4.01

NEFS 3	GB Cod West	23	195	38	19.49	53.92	44.1
NEFS 3	GOM Cod	60245	2921	950	32.52	5.27	1.47
NEFS 3	Plaice	2449	3116	986	31.64	11.63	6.51
NEFS 3	GOM Winter Flounder	764	2921	950	32.52	8.27	3.56
NEFS 3	Witch Flounder	512	3116	986	31.64	27.29	27.73
NEFS 3	CC/GOM Yellowtail Flounder	25304	2924	951	32.52	10.08	5.2
NEFS 3	SNE/MA Yellowtail Flounder	10	192	35	18.23	90.65	67.19
NEFS 3	GB Haddock West	3	195	38	19.49	90.82	69.23
NEFS 3	GOM Haddock	3431	2921	950	32.52	11.3	6.44
NEFS 3	White Hake	5524	3116	986	31.64	18.3	14.73
NEFS 3	Pollock	26944	3116	986	31.64	25.41	24.94
NEFS 3	Redfish	446	3116	986	31.64	14.83	10.17
NEFS 3	SNE/MA Winter Flounder	29	195	38	19.49	54.6	44.62
NEFS 3	Southern Windowpane	0	192	35	18.23		
NEFS 3	Northern Windowpane	3387	2924	951	32.52	10.88	5.98
NEFS 3	Ocean Pout	676	3116	986	31.64	16.73	12.61
NEFS 3	Halibut	4028	3116	986	31.64	13.73	8.86
NEFS 3	Wolffish	4642	3116	986	31.64	8.94	3.98
NEFS 5	GB Cod East	86	5	2	40	53.64	80
NEFS 5	GB Cod West	2046	651	212	32.57	20.62	18.59
NEFS 5	Plaice	2958	656	212	32.32	60.43	66.01
NEFS 5	GB Winter Flounder	6	24	3	12.5	54.94	33.33
NEFS 5	Witch Flounder	2480	656	212	32.32	18.18	14.94
NEFS 5	GB Yellowtail Flounder	1834	24	3	12.5	42.95	25
NEFS 5	SNE/MA Yellowtail Flounder	19330	632	209	33.07	12.27	7.75
NEFS 5	GB Haddock East	49	5	2	40	73.02	80
NEFS 5	GB Haddock West	929	651	212	32.57	39.86	46.08
NEFS 5	White Hake	251	656	212	32.32	32.75	36.28
NEFS 5	Pollock	7	656	212	32.32	51.18	58.23
NEFS 5	Redfish	0	656	212	32.32		
NEFS 5	SNE/MA Winter Flounder	66287	632	209	33.07	8.65	3.96
NEFS 5	Southern Windowpane	114399	632	209	33.07	10.38	5.7
NEFS 5	Northern Windowpane	4744	24	3	12.5	64.48	41.67
NEFS 5	Ocean Pout	35975	656	212	32.32	23.19	22.26
NEFS 5	Halibut	145	656	212	32.32	52.22	59.15
NEFS 5	Wolffish	0	656	212	32.32		

NEFS 6	GB Cod East	311	5	2	40	56.44	80
NEFS 6	GB Cod West	4901	86	27	31.4	34.38	38.37
NEFS 6	GOM Cod	5684	127	42	33.07	30.24	33.86
NEFS 6	Plaice	11115	218	43	19.72	22.04	11.93
NEFS 6	GB Winter Flounder	7	18	3	16.67	102.59	72.22
NEFS 6	GOM Winter Flounder	359	127	42	33.07	27.73	29.92
NEFS 6	Witch Flounder	3023	218	43	19.72	21.53	11.47
NEFS 6	CC/GOM Yellowtail Flounder	5213	199	43	21.61	24.23	15.58
NEFS 6	GB Yellowtail Flounder	362	18	3	16.67	67.15	55.56
NEFS 6	SNE/MA Yellowtail Flounder	14	1	0	0		
NEFS 6	GB Haddock East	516	5	2	40	39.16	60
NEFS 6	GB Haddock West	2154	86	27	31.4	40.23	45.35
NEFS 6	GOM Haddock	453	127	42	33.07	42.99	50.39
NEFS 6	White Hake	1752	218	43	19.72	39.66	30.28
NEFS 6	Pollock	2320	218	43	19.72	27.15	16.97
NEFS 6	Redfish	11979	218	43	19.72	21.85	11.93
NEFS 6	SNE/MA Winter Flounder	1545	73	26	35.62	65.63	72.6
NEFS 6	Southern Windowpane	187	1	0	0		
NEFS 6	Northern Windowpane	5782	217	43	19.82	26.65	16.59
NEFS 6	Ocean Pout	5744	218	43	19.72	32.74	22.94
NEFS 6	Halibut	3080	218	43	19.72	22.17	11.93
NEFS 6	Wolffish	1306	218	43	19.72	32.24	22.48
NEFS 7	GB Cod East	1545	19	7	36.84	17.98	21.05
NEFS 7	GB Cod West	8345	404	100	24.75	27.81	22.28
NEFS 7	GOM Cod	672	25	11	44	24.48	36
NEFS 7	Plaice	18135	447	110	24.61	18.53	11.19
NEFS 7	GB Winter Flounder	447	143	32	22.38	30.55	23.08
NEFS 7	GOM Winter Flounder	1	25	11	44	70.89	84
NEFS 7	Witch Flounder	5367	447	110	24.61	17.2	9.84
NEFS 7	CC/GOM Yellowtail Flounder	3	70	18	25.71	82.15	72.86
NEFS 7	GB Yellowtail Flounder	6357	143	32	22.38	21.89	13.99
NEFS 7	SNE/MA Yellowtail Flounder	4986	235	65	27.66	37.03	37.02
NEFS 7	GB Haddock East	374	19	7	36.84	12.93	10.53
NEFS 7	GB Haddock West	5498	404	100	24.75	58.18	55.45
NEFS 7	GOM Haddock	41	25	11	44	30.75	48
NEFS 7	White Hake	2730	447	110	24.61	40.18	37.14
NEFS 7	Pollock	2935	447	110	24.61	44.42	41.83
NEFS 7	Redfish	1283	447	110	24.61	50.61	48.32
NEFS 7	SNE/MA Winter Flounder	7765	280	73	26.07	44.34	43.57
NEFS 7	Southern Windowpane	3869	235	65	27.66	40.17	40.85
NEFS 7	Northern Windowpane	28397	213	47	22.07	17.83	9.39
NEFS 7	Ocean Pout	3576	447	110	24.61	33.75	29.31
NEFS 7	Halibut	2661	447	110	24.61	21.81	14.77
NEFS 7	Wolffish	463	447	110	24.61	29.48	24.16

NEFS 8	GB Cod East	4452	33	19	57.58	23.35	45.45
NEFS 8	GB Cod West	9451	161	37	22.98	20.84	13.04
NEFS 8	GOM Cod	1068	13	6	46.15	51.29	76.92
NEFS 8	Plaice	13506	212	45	21.23	24.27	15.09
NEFS 8	GB Winter Flounder	1362	140	38	27.14	35.44	34.29
NEFS 8	GOM Winter Flounder	599	13	6	46.15	40.9	61.54
NEFS 8	Witch Flounder	6639	212	45	21.23	23.18	14.15
NEFS 8	CC/GOM Yellowtail Flounder	1239	52	18	34.62	62.37	71.15
NEFS 8	GB Yellowtail Flounder	18574	140	38	27.14	23.98	19.29
NEFS 8	SNE/MA Yellowtail Flounder	0	19	6	31.58		
NEFS 8	GB Haddock East	2784	33	19	57.58	21.28	42.42
NEFS 8	GB Haddock West	4335	161	37	22.98	23.27	15.53
NEFS 8	GOM Haddock	0	13	6	46.15		
NEFS 8	White Hake	3825	212	45	21.23	47.22	40.09
NEFS 8	Pollock	212	212	45	21.23	33.84	25.94
NEFS 8	Redfish	2683	212	45	21.23	32.42	24.06
NEFS 8	SNE/MA Winter Flounder	4836	58	21	36.21	56.26	67.24
NEFS 8	Southern Windowpane	0	19	6	31.58		
NEFS 8	Northern Windowpane	33012	193	44	22.8	28.14	20.73
NEFS 8	Ocean Pout	8820	212	45	21.23	27.41	18.4
NEFS 8	Halibut	2853	212	45	21.23	23.61	14.62
NEFS 8	Wolffish	719	212	45	21.23	36.91	29.25
NEFS 9	GB Cod East	22021	79	26	32.91	17.64	15.19
NEFS 9	GB Cod West	117093	585	137	23.42	16.76	8.72
NEFS 9	GOM Cod	10523	107	33	30.84	34.14	37.38
NEFS 9	Plaice	83820	771	140	18.16	11.87	3.37
NEFS 9	GB Winter Flounder	23810	409	110	26.89	33.82	32.03
NEFS 9	GOM Winter Flounder	905	107	33	30.84	35.3	38.32
NEFS 9	Witch Flounder	23397	771	140	18.16	17.71	7.26
NEFS 9	CC/GOM Yellowtail Flounder	13891	309	91	29.45	25.49	23.3
NEFS 9	GB Yellowtail Flounder	51084	409	110	26.89	17.23	11
NEFS 9	SNE/MA Yellowtail Flounder	1663	53	18	33.96	63.09	69.81
NEFS 9	GB Haddock East	8320	79	26	32.91	19.34	17.72
NEFS 9	GB Haddock West	30245	585	137	23.42	19.88	11.97
NEFS 9	GOM Haddock	1049	107	33	30.84	58.89	63.55
NEFS 9	White Hake	13708	771	140	18.16	24.63	13.1
NEFS 9	Pollock	4889	771	140	18.16	25.9	14.27
NEFS 9	Redfish	54833	771	140	18.16	19.75	8.82
NEFS 9	SNE/MA Winter Flounder	59329	255	89	34.9	36.66	44.71
NEFS 9	Southern Windowpane	2668	53	18	33.96	48.08	58.49
NEFS 9	Northern Windowpane	155056	718	139	19.36	17.27	7.38
NEFS 9	Ocean Pout	27069	771	140	18.16	14.23	4.8
NEFS 9	Halibut	11217	771	140	18.16	19.54	8.69
NEFS 9	Wolffish	4798	771	140	18.16	22.67	11.28

NEFS 10	GB Cod West	1627	166	48	28.92	28.3	27.11
NEFS 10	GOM Cod	37435	950	341	35.89	9.53	5.37
NEFS 10	Plaice	12057	1116	388	34.77	11.91	7.8
NEFS 10	GB Winter Flounder	0	5	1	20		
NEFS 10	GOM Winter Flounder	3662	950	341	35.89	17.26	15.68
NEFS 10	Witch Flounder	1838	1116	388	34.77	15.18	12.01
NEFS 10	CC/GOM Yellowtail Flounder	55661	1076	376	34.94	15.02	11.9
NEFS 10	GB Yellowtail Flounder	0	5	1	20		
NEFS 10	SNE/MA Yellowtail Flounder	0	35	12	34.29		
NEFS 10	GB Haddock West	188	166	48	28.92	48.48	51.81
NEFS 10	GOM Haddock	582	950	341	35.89	18.98	18.32
NEFS 10	White Hake	2915	1116	388	34.77	37.33	45.25
NEFS 10	Pollock	11865	1116	388	34.77	31.43	36.92
NEFS 10	Redfish	732	1116	388	34.77	25.11	27.24
NEFS 10	SNE/MA Winter Flounder	1834	161	48	29.81	28.78	28.57
NEFS 10	Southern Windowpane	2	35	12	34.29	83.32	82.86
NEFS 10	Northern Windowpane	28101	1081	376	34.78	18.01	16.19
NEFS 10	Ocean Pout	4900	1116	388	34.77	17.64	15.59
NEFS 10	Halibut	2042	1116	388	34.77	18.15	16.4
NEFS 10	Wolffish	9013	1116	388	34.77	27.95	31.72
NEFS 11	GB Cod West	0	142	23	16.2		
NEFS 11	GOM Cod	19529	1547	423	27.34	8.21	2.78
NEFS 11	Plaice	5973	1689	446	26.41	13.6	6.87
NEFS 11	GOM Winter Flounder	187	1547	423	27.34	16.64	10.41
NEFS 11	Witch Flounder	698	1689	446	26.41	11.53	5.09
NEFS 11	CC/GOM Yellowtail Flounder	4063	1547	423	27.34	29.52	26.76
NEFS 11	SNE/MA Yellowtail Flounder	0	142	23	16.2		
NEFS 11	GB Haddock West	0	142	23	16.2		
NEFS 11	GOM Haddock	1110	1547	423	27.34	19.61	13.9
NEFS 11	White Hake	3165	1689	446	26.41	14	7.28
NEFS 11	Pollock	27898	1689	446	26.41	22.07	16.28
NEFS 11	Redfish	1477	1689	446	26.41	20.33	14.15
NEFS 11	SNE/MA Winter Flounder	0	142	23	16.2		
NEFS 11	Southern Windowpane	12	142	23	16.2	65.56	48.59
NEFS 11	Northern Windowpane	697	1547	423	27.34	24.22	19.72
NEFS 11	Ocean Pout	254	1689	446	26.41	44.17	43.75
NEFS 11	Halibut	1916	1689	446	26.41	28.38	24.33
NEFS 11	Wolffish	1227	1689	446	26.41	21.72	15.87

NEFS 12	GB Cod West	242	38	10	26.32	75.97	71.05
NEFS 12	GOM Cod	7390	241	62	25.73	25.74	20.33
NEFS 12	Plaice	3030	279	71	25.45	26.15	20.79
NEFS 12	GB Winter Flounder	0	3	1	33.33		
NEFS 12	GOM Winter Flounder	56	241	62	25.73	49.57	48.96
NEFS 12	Witch Flounder	293	279	71	25.45	25.4	19.71
NEFS 12	CC/GOM Yellowtail Flounder	5034	241	62	25.73	39.31	37.34
NEFS 12	GB Yellowtail Flounder	0	3	1	33.33		
NEFS 12	SNE/MA Yellowtail Flounder	0	35	9	25.71		
NEFS 12	GB Haddock West	17	38	10	26.32	75.97	71.05
NEFS 12	GOM Haddock	289	241	62	25.73	18.71	12.03
NEFS 12	White Hake	10296	279	71	25.45	24.77	19
NEFS 12	Pollock	48725	279	71	25.45	19.51	12.9
NEFS 12	Redfish	1860	279	71	25.45	20.61	13.98
NEFS 12	SNE/MA Winter Flounder	0	35	9	25.71		
NEFS 12	Southern Windowpane	0	35	9	25.71		
NEFS 12	Northern Windowpane	621	244	62	25.41	39.04	36.89
NEFS 12	Ocean Pout	33	279	71	25.45	53.11	51.97
NEFS 12	Halibut	377	279	71	25.45	32.36	28.67
NEFS 12	Wolffish	497	279	71	25.45	41.63	39.78
NEFS 13	GB Cod East	3551	62	18	29.03	31.28	32.26
NEFS 13	GB Cod West	7261	521	143	27.45	20	14.4
NEFS 13	GOM Cod	299	29	4	13.79	57.35	37.93
NEFS 13	Plaice	9297	612	147	24.02	23.12	15.85
NEFS 13	GB Winter Flounder	377	256	54	21.09	34.87	26.56
NEFS 13	GOM Winter Flounder	0	29	4	13.79		
NEFS 13	Witch Flounder	6639	612	147	24.02	17.09	9.31
NEFS 13	CC/GOM Yellowtail Flounder	236	77	26	33.77	59.55	67.53
NEFS 13	GB Yellowtail Flounder	12387	256	54	21.09	23.64	14.45
NEFS 13	SNE/MA Yellowtail Flounder	10869	279	91	32.62	19.37	16.85
NEFS 13	GB Haddock East	3268	62	18	29.03	24.43	22.58
NEFS 13	GB Haddock West	7548	521	143	27.45	21.62	16.51
NEFS 13	GOM Haddock	29	29	4	13.79	61.21	41.38
NEFS 13	White Hake	2917	612	147	24.02	36.17	31.54
NEFS 13	Pollock	207	612	147	24.02	39.4	35.29
NEFS 13	Redfish	6451	612	147	24.02	23.77	16.67
NEFS 13	SNE/MA Winter Flounder	18459	327	112	34.25	16.68	14.07
NEFS 13	Southern Windowpane	42812	279	91	32.62	15.66	11.83
NEFS 13	Northern Windowpane	43808	333	61	18.32	23.04	11.71
NEFS 13	Ocean Pout	18007	612	147	24.02	28.47	22.22
NEFS 13	Halibut	2977	612	147	24.02	20.64	13.07
NEFS 13	Wolffish	1556	612	147	24.02	30.66	24.84

APPENDIX C

Evaluating the Possibility of an Observer Effect in Monitoring Discards Within the Groundfish Fishery

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Introduction

The Northeast Multispecies fishery is comprised of 22 individual fish stocks that are caught collectively by around 400 vessels licensed for and participating in this fishery (also called the groundfish fishery) (NEFMC 2012). The majority of the commercial fishery for groundfish (~98% of landings) is managed under what is known as the Sector system whereby individual vessels and owners pool stock-level quota into 15-18 "sectors" which then operate as collectives, pooling the quota and allocating it to individual member fisherman. Observers are deployed on board participating vessels to estimate the true catch of each of the 22 fish stocks on each trip. Observer coverage levels vary across stocks but in general observers have been on board trips accounting for between 20-50% of the landings for each stock. Actual discards are calculated by the discards observed for these trips. For trips where no observer is taken, discards are estimated based on the stock-level rates observed in each of the broad stock areas on trips by members of the same sector. For these trips, discards for all stocks in the stock area are assumed and the vessel's Sector incurs a quota charge regardless of whether or not an individual species was encountered on that trip. Sector's must have adequate quota reserves for all species in a given stock area prior to any member vessels fishing in that area.

There may be an incentive for fisherman to alter their fishing behavior when carrying an observer for at least two reasons: (1) trips carrying an observer may have higher costs than those without an observer, (2) observed discard rates effect not only the individual fisherman but all the members of a fisherman's Sector, as quota deductions for assumed discards increase the cost of fishing by placing quota costs on each trip regardless of the species encountered. Differences in observed and unobserved discard rates may be manifest through two primary pathways. In the first, the selection of trips observed is not representative of the universe of trips. In the second, changes in fishing behavior when an observer is on board result in discard data that are not representative of those from unobserved trips. The first is termed the "deployment effect" and the second the "observer effect." This analysis is restricted solely to the second pathway, the observer effect.

Methods

Following the procedure laid out in Benoit and Allard 2009, same-vessel trip sequences are analyzed to test for differences among various metrics (Benoit and Allard 2009). These trip sequence takes the form of either:

- Three unobserved trips in a row (UUU), or
- One observed trip between unobserved trips (UOU).

To restrict the potential of seasonal effects impacting catch composition, targeting behavior or other factors, only trips occurring within 21 days of each other are considered for sequencing. Trips are not included in multiple sequences. To mitigate against regulatory changes affecting fishing behavior within trip sequences, those sequences overlapping a fishing year change (May 1 of each year) are deleted from the analysis dataset. Vessels with less than three sequences are excluded from the analysis. Only vessels fishing with trawl or gillnet gears are included.

Triplet sequences are winnowed to pairs by taking the difference of either the

leading or lagging trip with respect to the middle trip. The variable U in equation (1) and U^2 in equation (2), below, are selected randomly as either the leading or trailing trip in the triplet sequence, while the middle trip in the sequence is always the reference trip (O or U^1, below).

Differences are calculated as

$$(1)\ \Delta O_{yfv} = \left(\frac{O-U}{\acute{U}}\right)100$$

$$(2)\ \Delta U_{yfv} = \left(\frac{U^1-U^2}{\acute{U}}\right)100.$$

Note that (1) and (2) scale the paired trip differences by the global unobserved (U) mean value for every vessel in the dataset.

The difference between the median values for ΔU's and ΔO's are calculated as

$$(3)\ M_{\Delta U-\Delta O} = median\{\Delta_U\} - median\{\Delta_O\}.$$

Distribution differences are tested in three ways:

1. Location differences are observed in the $M_{\Delta U-\Delta O}$, with 95% confidence intervals estimated using bootstrap sampling (5,000 replicates) from the ΔO_{yfv} and ΔU_{yfv} values. Lack of overlap with zero implies a 95% probability that the true median values for each population are significantly different.

2. The Kolmogorov-Smirnov statistic is used to test for general differences in shape of the two distributions.
3. The Kuiper statistic is used to test for differences in the extremities of the two distributions.

For hypothesis testing using the Kolmogorov-Smirnov (KSA) and Kuiper (KA) tests, multiple hypothesis tests were performed and, using the Sidak correction, a p-value of 0.006391 is considered to be significant. Eight metrics for detecting behavior change in the presence of an observer were selected:

1. All landed pounds (y1, delta_k_all)
2. Roundfish pounds (y2, delta_round_lbs)
3. Grounfish pounds (y3, delta_gfish_lbs)
4. Nongroundfish pounds (y4, delta_nongfish_lbs)
5. Cod pounds (y5, delta_cod_lbs)
6. Groundfish total value (y6, delta_gfish_val)
7. Nongroundfish total value (y7, delta_nongfish_val)
8. Trip duration (y8, delta_dur)

Data

The analysis draws from Vessel Trip Report (VTR) trips. The initial dataset includes all VTR trips landing at least one pound of groundfish from 2007 through 2012. From this dataset, annual fishing year datasets (May 1 – April 30) with same-vessel two-trip sequences are constructed from UUU and UOU triplets. These data may be partitioned in several ways:

- based on regulatory regime, with pre-Sector years (FY’s 2007-2009), and

Sector years (FY’s 2010-2012 thru Jan 30 2013)

- based on gear type, distinguishing between trawl and fixed gears
- based on fishing locations of the reference trip (U^1 for UUU triplets and O for UOU triplets), distinguishing between trips made in the Gulf of Maine, on Georges Bank and in Southern New England and the Mid-Atlantic.

Observer trips are matched to VTR by a step-wise matching algorithm focusing on date and time sailed. For the post-Sector years, both OBS and ASM data are matched. Trips in the United States-Canada Resource Sharing Agreement Area (USCA area) are removed from the pre-sector (FY 2007-2009) dataset. These trips were subject to at sea monitoring at much higher rates than trips outside the area, and as fisherman were aware of this up-front it may be problematic to compare trips inside and outside of the USCA area within the triplet sequence framework. All USCA trips may, however, be analyzed separately.

Results

Equations (1) and (2) are scaled and differences in location are represented as percentages. For example, a median value of 4.18 for the kept_all variable may be interpreted to mean that across all vessels in the dataset, individual vessels catch roughly 4% more fish, measured in landed pounds, on unobserved trips than on observed trips. If the 95% confidence intervals fail to overlap with zero, the median value may be interpreted as significant.

Fishing behavior across the eight analysis metrics is highly variable. This may be due to natural fluctuations, or to variable incentives to alter fishing behavior. For example, prior to the implementation of stock-level quotas (the Sector system), there may have been an incentive to discard species due to trip limits. This incentive would, for example, leave the cod_kept metric (y5) in the Gulf of Maine identical on observed and unobserved trips, but one may expect to see changes in, for example, the total non-groundfish pounds

kept on a trip if the vessel were intentionally fishing after reaching a trip limit. After the implementation of the Sector system there is a substantial, though not significant, change the performance of this metric. There may in fact be off-setting incentives due to quota allocations, fishing preferences or other factors. One vessel may attempt to minimize observed discarding of flatfish at the expense of cod, while another vessel may take the exact opposite approach. Such offsetting behavior would result in little change in the central tendency of the distribution of $M_{\Delta U-\Delta O}$but may affect the shape of the distribution. This is where the Kuiper and Kolmogorov-Smirnov (K-S) tests become valuable. The K-S tests for changes in the shape of the distribution, while the Kuiper tests for changes in the extreme observations-the tails of the distribution.

Global analysis may mask local tendencies, either by gear type or area fished. However, all three tests are somewhat sensitive to the number of data points. Global analysis risks statistical differences that may be practically meaningless. Drill down too far into the data and the variance leaves the three statistical tests lacking in power. It is difficult to ascertain the appropriate data set size, and results at several levels of disaggregation are reported.

In general it can be said that the more data, the more metrics for which statistically significant differences between observed and unobserved trips may be found. When data from fishing years 2007-2012 are combined, significant shifts in the median of the distribution are observed for seven of the eight variables. The differences are, however, on the order of 1-4%, and positive, indicating that vessels tend to catch more of everything (roundfish, groundfish, non-groundfish) and fish longer when they do not have an observer on board. Significant differences in the distributions are seen for both the K-S and the Kuiper tests for all eight metrics, indicating significant differences in the shape of the metric distributions when vessels are carrying (vs. not carrying) a fisheries observer.

Discussion

These analyses point towards a highly variable but relatively consistent pattern of different fishing behaviors when an observer is on board and when one is not. The approach used here isolates vessel effects by focusing on the differences in behavior across various metrics for the same vessel. This does not control for personnel effects (e.g. captains), as reliable data on personnel matched to vessels and trips are not readily available. This may be important as ultimately an observer effect analysis is attempting to learn about peoples behavior using vessels as a hopefully acceptable proxy. While the data point to a trend of differential behavior with respect to observers--and in fact in almost all circumstances vessels appear to retain more fish and fish for longer durations when they have no observer on board-it is not possible to extend this analysis beyond its natural scope. It may be possible to examine these data and conclude that vessels behave differently with an observer, but this provides no insight into the impact of this on discarding behavior or catch accounting.

Table 1: Results of observer effect analysis for eight metrics (red rows indicate significant shifts in central tendency, blue columns for the Kuiper and K-S statistics indicate significant values)

VAR	n_u	n_o	delta_med	ci2_5	ci97_5	_KSA_	P_KSA	_KA_	P_KA	med_u	std_u	med_o	std_o	med_global	std_global
y1	25,347	4,295	4.32	2.55	6.23	4.76	0.0000	5.88	0.0000	-0.68	63.11	-5.00	67.76	-1.05	63.81
y2	22,832	3,970	2.26	0.62	4.53	4.99	0.0000	7.39	0.0000	0.00	85.13	-2.26	102.10	0.00	87.85
y3	25,347	4,295	3.19	1.39	5.13	5.26	0.0000	7.39	0.0000	-0.58	74.92	-3.77	90.89	-0.79	77.44
y4	18,943	3,478	0.83	0.12	1.93	1.85	0.0022	2.21	0.0022	-0.06	106.31	-0.89	112.73	-0.19	107.33
y5	19,436	3,602	0.20	0.00	2.35	6.88	0.0000	9.99	0.0000	0.00	71.13	-0.20	101.00	0.00	76.57
y6	25,347	4,295	3.58	1.79	5.43	5.09	0.0000	7.51	0.0000	-0.90	75.10	-4.49	98.68	-1.25	78.95
y7	18,941	3,478	2.15	0.38	4.15	1.88	0.0018	2.54	0.0001	-0.11	96.08	-2.26	102.77	-0.40	97.15
y8	25,347	4,295	1.85	0.79	2.77	4.33	0.0000	4.86	0.0000	0.00	55.07	-1.85	49.28	0.00	54.27

Table 2: Results of observer effect analysis for eight metrics and two time periods (reg environ=10 is FYs 2007-2009, = 11 is FYs 2010-2012, red rows indicate significant shifts in central tendency, blue columns for the Kuiper and K-S statistics indicate significant values)

reg_environ	_VAR_	n_u	n_o	delta_med	ci2_5	ci97_5	_KSA_	P_KSA	_KA_	P_KA	med_u	std_u	med_o	std_o	med_global	std_global
'07-'09	y1	19,939	1,759	2.88	0.44	5.53	2.91	0.0000	4.09	0.0000	-0.50	61.49	-3.39	68.60	-0.61	62.10
'07-'09	y2	17,644	1,514	0.04	0.00	2.78	2.67	0.0000	4.14	0.0000	0.00	77.30	-0.04	96.32	0.00	78.97
'07-'09	y3	19,939	1,759	2.01	-0.08	4.68	3.05	0.0000	4.44	0.0000	-0.36	68.34	-2.37	84.21	-0.42	69.76
'07-'09	y4	14,095	1,304	0.67	-0.70	2.31	1.22	0.0995	1.73	0.0557	0.00	104.45	-0.67	102.69	0.00	104.30
'07-'09	y5	15,751	1,354	0.00	0.00	0.00	3.45	0.0000	4.89	0.0000	0.00	61.66	0.00	85.80	0.00	63.91
'07-'09	y6	19,939	1,759	3.29	1.07	5.98	2.98	0.0000	4.51	0.0000	-0.68	68.00	-3.97	83.83	-0.85	69.41
'07-'09	y7	14,095	1,304	0.86	-1.31	3.54	0.90	0.3947	1.76	0.0469	0.00	98.01	-0.86	102.73	0.00	98.41
'07-'09	y8	19,939	1,759	1.27	0.00	2.63	2.68	0.0000	3.71	0.0000	0.00	57.10	-1.27	53.57	0.00	56.83
'10-'12	y1	5,408	2,536	4.46	0.92	7.38	1.98	0.0008	2.05	0.0070	-2.18	68.73	-6.64	67.12	-3.40	68.26
'10-'12	y2	5,188	2,456	1.87	-1.38	5.68	1.36	0.0491	1.50	0.1768	-2.50	107.60	-4.37	105.49	-2.97	106.92
'10-'12	y3	5,408	2,536	1.78	-1.17	5.91	1.87	0.0018	2.18	0.0027	-3.22	95.34	-5.01	95.23	-3.72	95.31
'10-'12	y4	4,848	2,174	0.55	-0.63	2.03	1.53	0.0183	1.82	0.0327	-0.48	111.50	-1.03	118.25	-0.70	113.64
'10-'12	y5	3,685	2,248	2.57	-1.58	6.10	1.84	0.0024	2.05	0.0071	-1.34	102.11	-3.91	109.14	-2.39	104.85
'10-'12	y6	5,408	2,536	2.20	-0.76	5.42	2.24	0.0001	2.77	0.0000	-2.46	96.91	-4.66	107.78	-3.14	100.50
'10-'12	y7	4,846	2,174	2.33	-0.67	5.30	1.73	0.0052	2.39	0.0005	-0.95	90.23	-3.28	102.77	-1.68	94.30
'10-'12	y8	5,408	2,536	2.38	0.57	3.46	2.39	0.0000	2.47	0.0002	-0.05	46.80	-2.43	46.08	-0.76	46.59

Table 3. Results of observer effect analysis across area, gear and regulatory environmanet strata for eight metrics (red rows indicate significant shifts in central tendency, blue columns for the Kuiper and K-S statistics indicate significant values)

area	gear	reg_environ	_VAR_	n_u	n_o	delta_med	ci2_5	ci97_5	_KSA_	P_KSA	_KA_	P_KA	med_u	std_u	med_o	std_o	med_global	std_global
GOM	trawl	'07-'09	y1	5,492	473	3.05	-2.18	8.20	1.75	0.0044	2.71	0.0000	-0.58	60.31	-3.63	72.30	-0.67	61.34
GOM	trawl	'07-'09	y2	5,348	459	0.00	-0.31	3.86	1.94	0.0011	3.22	0.0000	0.00	74.21	0.00	96.93	0.00	76.24
GOM	trawl	'07-'09	y3	5,492	473	2.90	-2.70	8.66	2.09	0.0003	3.20	0.0000	-0.41	64.28	-3.31	76.96	-0.46	65.37
GOM	trawl	'07-'09	y4	2,845	284	-2.25	-10.40	4.23	1.25	0.0884	1.94	0.0151	0.25	135.49	2.50	122.47	0.29	134.37
GOM	trawl	'07-'09	y5	5,007	435	0.00	0.00	4.29	2.78	0.0000	3.53	0.0000	0.00	68.16	0.00	93.33	0.00	70.51
GOM	trawl	'07-'09	y6	5,492	473	3.03	-2.20	9.48	1.99	0.0008	2.88	0.0000	-1.09	65.03	-4.13	70.65	-1.31	65.49
GOM	trawl	'07-'09	y7	2,845	284	-4.78	-18.03	7.47	1.46	0.0286	1.99	0.0108	0.41	117.02	5.19	119.95	0.52	117.29
GOM	trawl	'07-'09	y8	5,492	473	1.58	-0.92	5.59	1.18	0.1241	2.11	0.0045	-0.52	62.97	-2.10	55.41	-0.71	62.40
GOM	trawl	'10-'12	y1	1,431	621	5.64	-0.88	13.30	1.74	0.0045	1.80	0.0360	-4.21	71.72	-9.85	70.21	-6.16	71.39
GOM	trawl	'10-'12	y2	1,408	609	2.62	-4.61	12.00	1.36	0.0505	2.21	0.0022	-2.43	102.90	-5.05	103.79	-3.04	103.16
GOM	trawl	'10-'12	y3	1,431	621	6.46	-1.39	16.26	2.15	0.0002	2.52	0.0002	-2.98	79.17	-9.44	84.67	-4.34	80.99
GOM	trawl	'10-'12	y4	1,204	496	-0.25	-4.61	4.18	0.66	0.7812	1.16	0.5987	-1.83	146.25	-1.58	130.20	-1.75	141.72
GOM	trawl	'10-'12	y5	1,156	590	7.25	-2.57	17.68	1.60	0.0117	1.73	0.0538	-0.88	110.17	-8.14	108.46	-2.89	109.73
GOM	trawl	'10-'12	y6	1,431	621	7.79	-0.28	18.29	2.63	0.0000	2.80	0.0000	-0.74	80.61	-8.53	92.95	-2.16	84.66
GOM	trawl	'10-'12	y7	1,204	496	2.68	-5.27	9.21	0.66	0.7829	1.24	0.4696	-1.13	104.29	-3.82	108.75	-1.88	105.58
GOM	trawl	'10-'12	y8	1,431	621	4.38	0.25	7.86	2.43	0.0000	2.64	0.0000	-0.45	39.01	-4.83	41.40	-1.58	39.83
GOM	gillnet	'07-'09	y1	8,939	558	1.40	-0.93	5.16	1.47	0.0266	1.87	0.0231	-0.23	53.91	-1.62	56.67	-0.25	54.07
GOM	gillnet	'07-'09	y2	8,880	550	0.00	0.00	2.80	1.55	0.0161	1.99	0.0106	0.00	59.09	0.00	64.12	0.00	59.40
GOM	gillnet	'07-'09	y3	8,939	558	0.66	-0.37	4.28	1.61	0.0113	2.07	0.0060	-0.12	57.55	-0.78	62.00	-0.15	57.82
GOM	gillnet	'07-'09	y4	5,895	336	0.15	-1.02	1.69	0.69	0.7342	1.07	0.7312	0.00	97.17	-0.15	92.74	0.00	96.93
GOM	gillnet	'07-'09	y5	8,860	548	0.00	0.00	0.00	2.17	0.0002	2.49	0.0002	0.00	42.10	0.00	42.44	0.00	42.12
GOM	gillnet	'07-'09	y6	8,939	558	2.99	0.21	6.63	1.80	0.0031	2.22	0.0020	-0.22	47.16	-3.21	50.66	-0.33	47.38
GOM	gillnet	'07-'09	y7	5,895	336	2.17	-0.90	7.29	1.06	0.2146	1.33	0.3579	0.00	100.99	-2.17	97.63	0.00	100.81
GOM	gillnet	'07-'09	y8	8,939	558	1.98	0.00	3.64	2.65	0.0000	2.78	0.0000	0.00	50.36	-1.98	47.25	0.00	50.20
GOM	gillnet	'10-'12	y1	1,821	1,095	1.74	-2.20	5.67	1.56	0.0155	2.13	0.0039	-1.28	69.11	-3.02	62.54	-2.00	66.73
GOM	gillnet	'10-'12	y2	1,794	1,090	-0.52	-4.17	2.92	0.65	0.7924	1.10	0.6892	-1.25	89.28	-0.73	89.84	-1.07	89.48
GOM	gillnet	'10-'12	y3	1,821	1,095	-1.07	-5.19	2.83	0.65	0.7921	1.25	0.4599	-2.41	81.13	-1.34	80.06	-1.88	80.72
GOM	gillnet	'10-'12	y4	1,538	887	0.44	-0.38	1.32	1.30	0.0671	1.92	0.0170	-0.06	115.70	-0.50	112.91	-0.23	114.67
GOM	gillnet	'10-'12	y5	1,777	1,076	-1.30	-6.82	1.34	1.51	0.0209	2.11	0.0045	-1.30	91.56	0.00	102.77	-0.35	95.93
GOM	gillnet	'10-'12	y6	1,821	1,095	-1.96	-6.32	2.56	0.77	0.5857	1.40	0.2698	-3.15	78.38	-1.19	78.79	-2.56	78.52
GOM	gillnet	'10-'12	y7	1,536	887	1.82	-0.98	5.41	1.91	0.0014	2.05	0.0072	-0.24	94.97	-2.07	92.98	-0.89	94.28
GOM	gillnet	'10-'12	y8	1,821	1,095	2.19	-0.18	3.32	1.58	0.0140	1.68	0.0724	-0.11	41.27	-2.30	41.29	-0.79	41.33
GB	trawl	'07-'09	y1	408	183	-3.31	-14.80	13.32	0.62	0.8366	0.98	0.8452	-5.91	71.68	-2.60	74.74	-5.08	72.64
GB	trawl	'07-'09	y2	397	176	0.25	-24.29	17.02	0.76	0.6063	1.05	0.7577	-4.71	101.80	-4.95	106.71	-4.93	103.39
GB	trawl	'07-'09	y3	408	183	2.13	-15.57	17.16	0.90	0.3901	1.37	0.3000	-2.66	86.01	-4.79	85.12	-3.44	85.72
GB	trawl	'07-'09	y4	392	171	-4.10	-19.82	10.11	0.77	0.5940	1.05	0.7618	-2.71	104.15	1.39	106.34	-0.40	104.85
GB	trawl	'07-'09	y5	381	174	-8.30	-32.39	11.06	1.15	0.1430	1.51	0.1684	0.00	95.64	8.30	109.55	1.84	100.47
GB	trawl	'07-'09	y6	408	183	6.41	-13.24	17.26	0.77	0.5891	1.47	0.1986	-2.73	78.58	-9.15	88.43	-3.52	81.84
GB	trawl	'07-'09	y7	392	171	-7.66	-24.43	10.60	0.83	0.4906	1.21	0.5128	0.16	89.25	7.81	103.72	2.35	93.97
GB	trawl	'07-'09	y8	408	183	-8.38	-18.56	1.54	1.38	0.0453	1.53	0.1559	-0.29	60.83	8.10	52.65	1.87	58.44
GB	trawl	'10-'12	y1	542	378	7.69	-1.59	16.72	1.67	0.0074	2.21	0.0022	-1.35	54.86	-9.04	80.80	-3.56	66.71
GB	trawl	'10-'12	y2	538	372	9.71	-3.74	24.06	1.48	0.0252	2.08	0.0057	-5.30	92.46	-15.01	130.49	-8.16	109.57
GB	trawl	'10-'12	y3	542	378	6.76	-7.48	18.74	1.04	0.2300	1.45	0.2227	-5.08	85.75	-11.84	118.76	-6.73	100.58
GB	trawl	'10-'12	y4	528	368	2.01	-4.45	12.05	1.98	0.0008	2.63	0.0001	-1.17	73.14	-3.18	119.44	-1.65	94.93
GB	trawl	'10-'12	y5	367	326	14.08	0.19	34.86	1.60	0.0121	1.82	0.0322	-7.81	114.15	-21.89	111.97	-11.96	113.26
GB	trawl	'10-'12	y6	542	378	6.46	-5.27	18.39	1.16	0.1333	1.57	0.1263	-2.86	89.11	-9.32	130.02	-4.97	107.75
GB	trawl	'10-'12	y7	528	368	1.50	-8.94	9.14	0.73	0.6629	1.45	0.2175	-3.06	75.70	-4.55	114.06	-3.78	93.34
GB	trawl	'10-'12	y8	542	378	3.33	-2.26	9.87	1.13	0.1567	1.51	0.1720	2.93	40.71	-0.40	49.63	1.37	44.58

Table 3. Results of observer effect analysis across area, gear and regulatory environmanet strata for eight metrics (red rows indicate significant shifts in central tendency, blue columns for the Kuiper and K-S statistics indicate significant values)

area	gear	reg_environ	_VAR_	n_u	n_o	delta_med	ci2_5	ci97_5	_KSA_	P_KSA	_KA_	P_KA	med_u	std_u	med_o	std_o	med_global	std_global
GB	gillnet	'07-'09	y1	1,119	177	-1.32	-9.42	8.78	0.64	0.8067	1.18	0.5719	-3.26	61.08	-1.94	62.14	-3.25	61.21
GB	gillnet	'07-'09	y2	1,082	175	-2.43	-14.22	9.23	0.76	0.6056	0.96	0.8721	-2.43	81.72	0.00	106.78	-2.23	85.77
GB	gillnet	'07-'09	y3	1,119	177	-3.12	-14.47	9.20	0.88	0.4222	1.10	0.6837	-3.12	77.16	0.00	104.11	-2.78	81.50
GB	gillnet	'07-'09	y4	1,057	158	0.50	-2.06	3.51	0.98	0.2936	1.45	0.2235	0.00	81.80	-0.50	93.02	-0.01	83.31
GB	gillnet	'07-'09	y5	1,052	160	-0.32	-10.64	4.25	0.69	0.7240	0.87	0.9420	-0.16	81.61	0.16	102.93	0.00	84.79
GB	gillnet	'07-'09	y6	1,119	177	-1.88	-16.37	9.83	1.05	0.2203	1.33	0.3526	-2.72	76.55	-0.84	107.40	-2.55	81.54
GB	gillnet	'07-'09	y7	1,057	158	1.33	-4.71	9.14	0.73	0.6629	1.25	0.4569	0.37	76.65	-0.96	98.86	0.03	79.84
GB	gillnet	'07-'09	y8	1,119	177	0.00	-3.58	4.97	1.20	0.1126	1.76	0.0460	0.00	41.75	0.00	47.83	0.00	42.63
GB	gillnet	'10-'12	y1	263	171	6.07	-9.47	20.88	0.83	0.4930	1.38	0.2940	-1.64	49.85	-7.71	50.87	-6.01	50.20
GB	gillnet	'10-'12	y2	262	170	2.21	-11.85	13.81	0.44	0.9913	0.75	0.9903	-3.52	98.39	-5.73	90.24	-4.95	95.16
GB	gillnet	'10-'12	y3	263	171	2.78	-11.31	13.76	0.48	0.9734	0.79	0.9820	-3.08	97.39	-5.86	84.57	-4.95	92.46
GB	gillnet	'10-'12	y4	236	158	1.15	-5.34	12.24	0.75	0.6257	1.38	0.2881	-1.20	76.35	-2.35	147.31	-1.55	110.25
GB	gillnet	'10-'12	y5	242	160	3.73	-8.64	14.74	0.69	0.7313	1.10	0.6889	-2.03	108.13	-5.76	134.79	-3.67	119.29
GB	gillnet	'10-'12	y6	263	171	2.15	-9.79	15.07	0.58	0.8878	0.89	0.9345	-4.27	96.79	-6.43	85.35	-5.69	92.35
GB	gillnet	'10-'12	y7	236	158	8.71	-4.34	22.21	1.28	0.0763	1.73	0.0556	-1.03	64.22	-9.73	117.28	-4.82	89.27
GB	gillnet	'10-'12	y8	263	171	1.74	-2.22	4.79	0.71	0.6895	0.98	0.8488	0.00	43.39	-1.74	37.36	-0.46	41.08
MA_SNE	trawl	'07-'09	y1	3,910	350	4.81	-2.83	15.46	1.35	0.0524	1.59	0.1161	-1.31	76.77	-6.11	80.53	-1.64	77.08
MA_SNE	trawl	'07-'09	y2	1,888	145	3.01	-2.87	20.26	1.09	0.1858	1.34	0.3377	-0.33	132.52	-3.34	153.51	-0.42	134.10
MA_SNE	trawl	'07-'09	y3	3,910	350	3.08	-1.88	9.58	1.52	0.0199	1.78	0.0421	-1.57	88.44	-4.65	107.98	-1.88	90.21
MA_SNE	trawl	'07-'09	y4	3,839	338	2.61	-2.80	11.73	1.24	0.0913	1.60	0.1117	-1.30	94.12	-3.91	97.61	-1.47	94.40
MA_SNE	trawl	'07-'09	y5	405	29	1.63	-32.41	31.16	0.85	0.4633	1.27	0.4372	2.37	156.74	0.74	206.31	2.20	160.26
MA_SNE	trawl	'07-'09	y6	3,910	350	3.89	-0.41	9.50	1.42	0.0357	1.96	0.0135	-1.17	100.26	-5.06	119.09	-1.40	101.93
MA_SNE	trawl	'07-'09	y7	3,839	338	3.63	-3.56	12.67	1.22	0.1000	1.85	0.0278	-0.81	82.15	-4.44	94.01	-0.97	83.18
MA_SNE	trawl	'07-'09	y8	3,910	350	1.52	-0.68	4.94	1.01	0.2603	1.05	0.7563	0.00	66.05	-1.52	62.82	0.00	65.81
MA_SNE	trawl	'10-'12	y1	1,298	260	9.06	-0.54	20.15	1.51	0.0215	1.69	0.0699	-2.24	73.42	-11.30	65.28	-3.83	72.24
MA_SNE	trawl	'10-'12	y2	1,143	206	9.41	0.65	23.69	1.68	0.0073	1.84	0.0281	-3.96	142.62	-13.37	139.59	-5.53	142.23
MA_SNE	trawl	'10-'12	y3	1,298	260	13.35	0.50	23.34	1.84	0.0023	2.12	0.0044	-4.30	127.85	-17.65	134.71	-5.46	129.09
MA_SNE	trawl	'10-'12	y4	1,293	256	4.45	-5.50	16.02	1.00	0.2688	1.14	0.6250	-0.60	85.55	-5.06	89.01	-1.30	86.18
MA_SNE	trawl	'10-'12	y5	102	87	14.15	-13.65	56.51	1.00	0.2668	1.15	0.6083	3.51	120.92	-10.64	120.44	-0.97	120.64
MA_SNE	trawl	'10-'12	y6	1,298	260	7.57	-0.73	18.96	1.59	0.0128	2.31	0.0009	-2.57	132.97	-10.14	190.62	-3.49	144.16
MA_SNE	trawl	'10-'12	y7	1,293	256	1.61	-7.61	13.28	0.79	0.5668	1.39	0.2847	-1.75	80.48	-3.36	97.57	-2.05	83.51
MA_SNE	trawl	'10-'12	y8	1,298	260	1.22	-2.63	7.73	0.85	0.4630	1.47	0.2019	-0.44	62.19	-1.67	69.41	-0.75	63.42
MA_SNE	gillnet	'07-'09	y1	71	18	12.33	-6.36	44.74	1.40	0.0405	1.41	0.2563	-2.59	44.55	-14.92	40.76	-5.39	45.03
MA_SNE	gillnet	'07-'09	y2	49	9	4.86	-109.76	84.22	0.88	0.4276	1.16	0.6000	0.00	93.24	-4.86	89.67	-0.24	92.17
MA_SNE	gillnet	'07-'09	y3	71	18	5.48	-10.27	79.25	0.92	0.3629	1.18	0.5602	0.32	91.12	-5.16	102.48	-0.22	93.04
MA_SNE	gillnet	'07-'09	y4	67	17	14.02	-2.58	76.17	1.66	0.0083	1.66	0.0831	-1.57	91.36	-15.59	40.72	-4.33	85.30
MA_SNE	gillnet	'07-'09	y5	46	8	-0.08	-120.38	86.18	0.75	0.6239	0.98	0.8470	0.00	84.29	0.08	95.60	0.00	85.13
MA_SNE	gillnet	'07-'09	y6	71	18	7.95	-10.53	54.84	0.92	0.3707	1.07	0.7282	0.65	100.28	-7.30	82.69	0.13	96.94
MA_SNE	gillnet	'07-'09	y7	67	17	10.07	-1.48	72.79	1.60	0.0122	1.65	0.0845	2.14	125.29	-7.93	40.63	-0.94	115.06
MA_SNE	gillnet	'07-'09	y8	71	18	5.94	-5.81	49.18	1.14	0.1475	1.35	0.3297	0.00	20.99	-5.94	34.11	0.00	24.33
MA_SNE	gillnet	'10-'12	y1	53	11	-10.29	-70.45	31.17	0.83	0.4988	1.03	0.7836	-0.98	64.55	9.32	64.73	1.22	64.30
MA_SNE	gillnet	'10-'12	y2	43	9	-14.27	-201.30	78.70	0.72	0.6794	1.36	0.3161	2.16	97.33	16.44	139.81	3.68	104.97
MA_SNE	gillnet	'10-'12	y3	53	11	0.91	-166.34	63.15	0.80	0.5402	1.45	0.2167	0.91	89.30	0.00	125.13	0.50	95.45
MA_SNE	gillnet	'10-'12	y4	49	9	-1.94	-28.84	103.10	0.71	0.7003	1.08	0.7120	-0.34	68.97	1.61	58.19	0.22	67.51
MA_SNE	gillnet	'10-'12	y5	41	9	-10.51	-202.99	79.07	0.71	0.7000	1.38	0.2889	4.79	98.21	15.31	138.52	6.79	105.56
MA_SNE	gillnet	'10-'12	y6	53	11	0.46	-164.63	62.21	0.75	0.6348	1.28	0.4141	0.46	97.85	0.00	130.83	0.23	103.24
MA_SNE	gillnet	'10-'12	y7	49	9	-11.86	-47.83	86.10	0.75	0.6266	1.38	0.2914	-3.42	56.12	8.44	58.40	-3.30	56.29
MA_SNE	gillnet	'10-'12	y8	53	11	-11.06	-39.65	-0.82	1.62	0.0108	1.67	0.0759	0.23	52.13	11.29	29.40	1.90	49.03

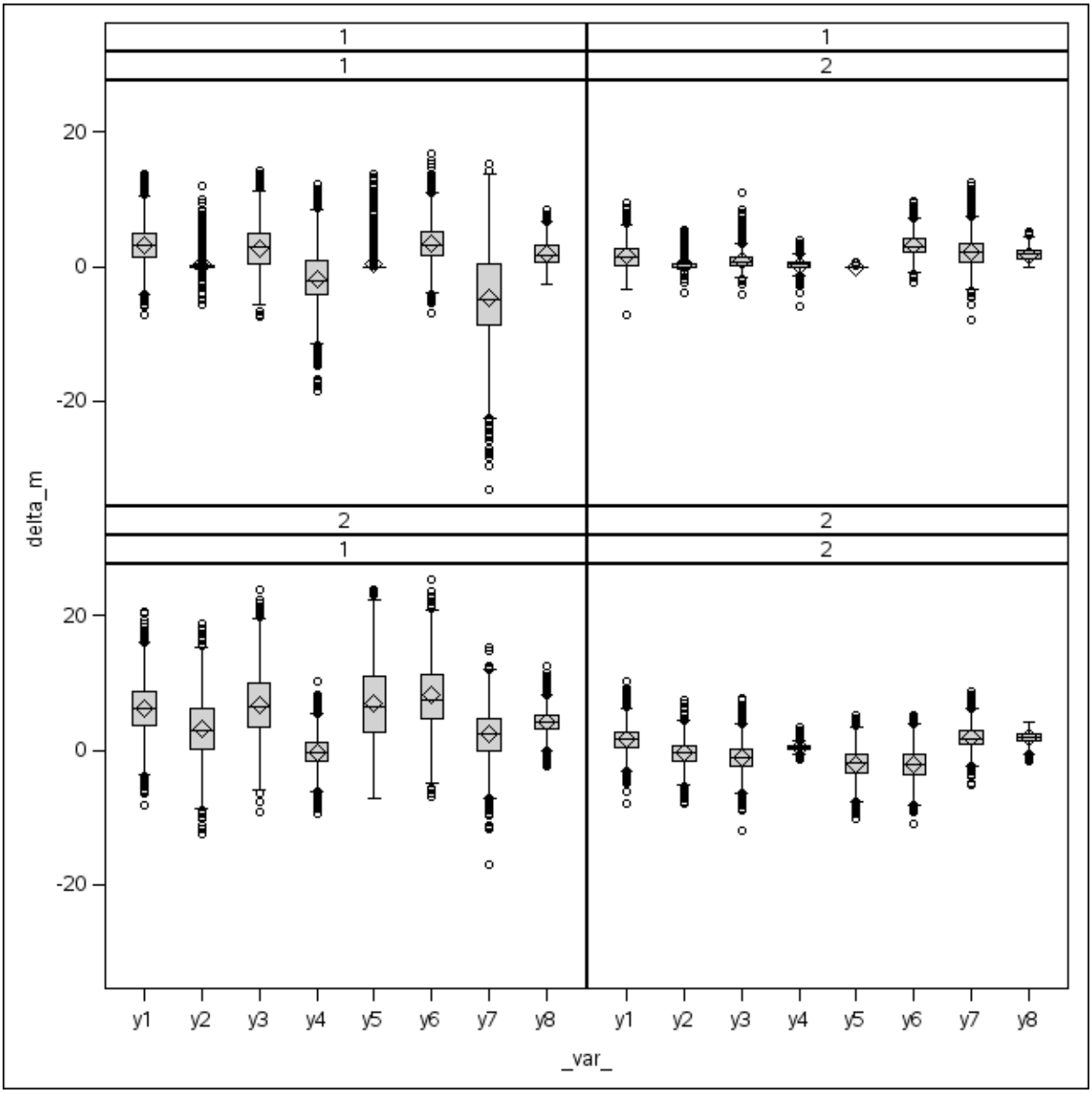

Table 4: Distribution of delta_m values for trawl (1, left panels) and fixed (2, right panels) gears and pre-(1, upper panels) and post-(2, lower panels) Sector in the Gulf of Maine region

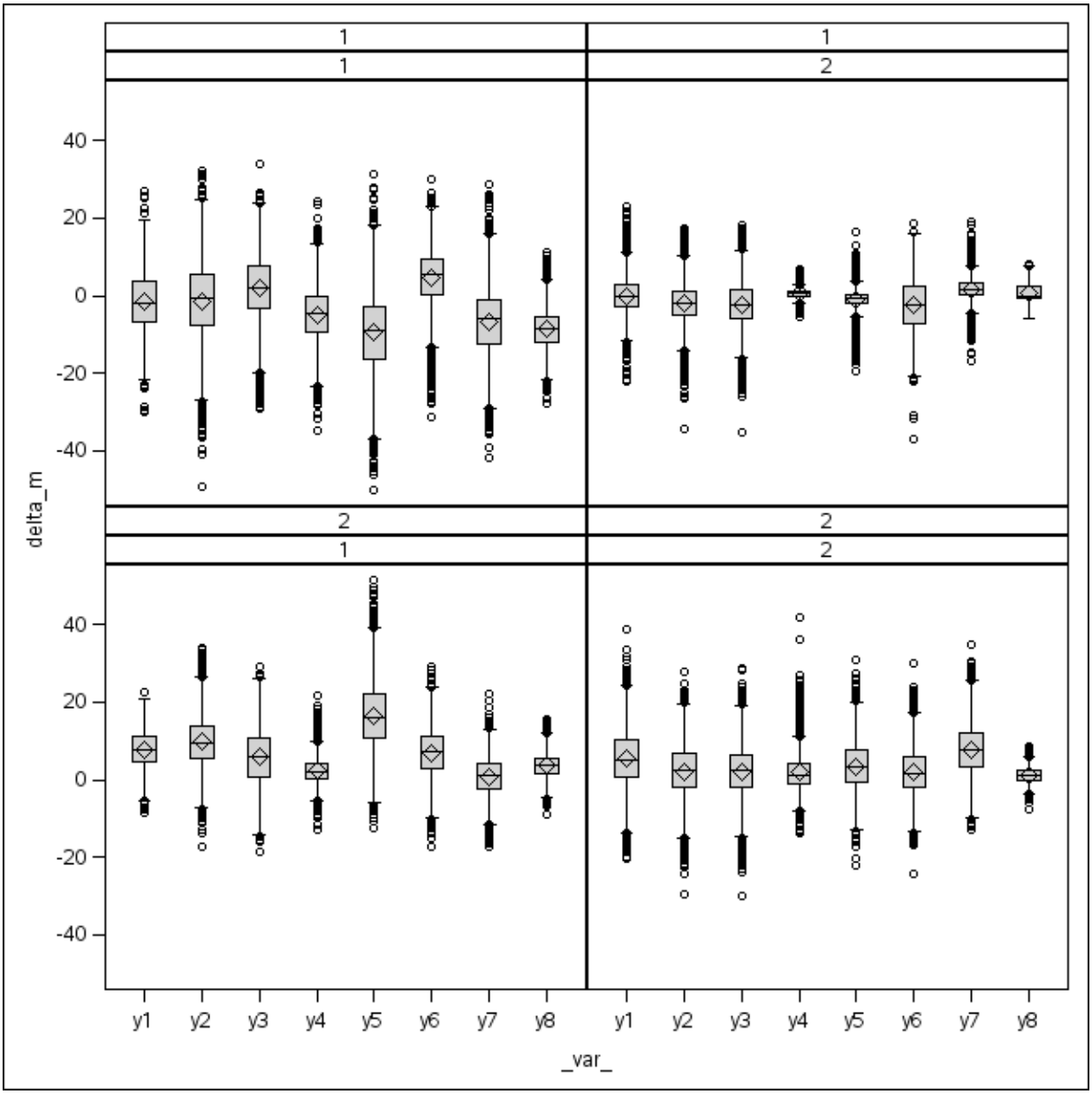

Table 5 -Distribution of delta_m values for trawl (1, left panels) and fixed (2, right panels) gears and pre-(1, upper panels) and post-(2, lower panels) Sector on Georges Bank

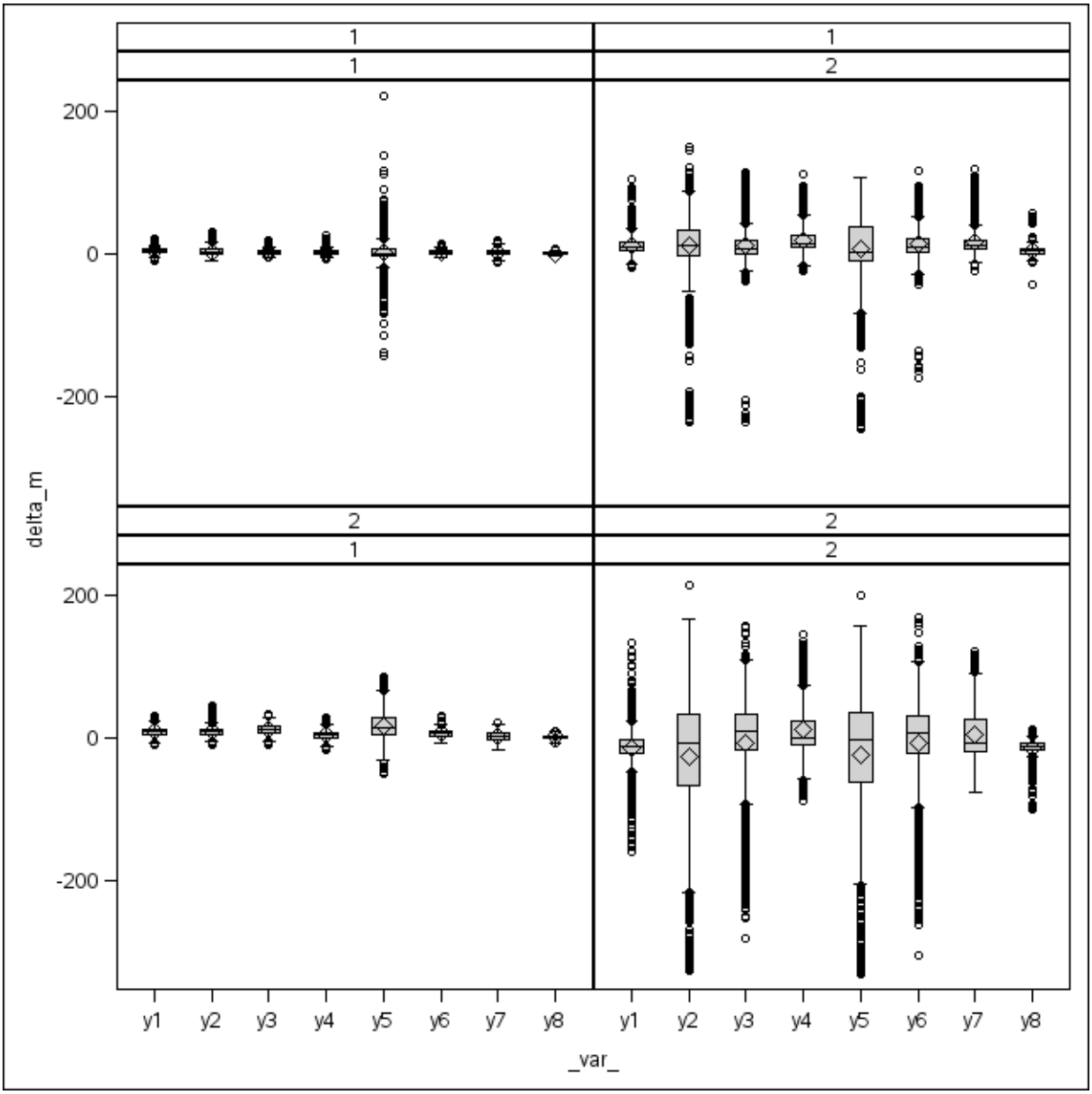

Table 6 -Distribution of delta_m values for trawl (1, left panels) and fixed (2, right panels) gears and pre-(1, upper panels) and post-(2, lower panels) Sector in the Southern New England and Mid-Atlantic regions

References

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APPENDIX D

Evaluation of the Efficacy of Sector Monitoring Program for Discards
Estimation of Total Catch for Risk analyses
Draft January 31, 2013

This information is distributed solely for the purpose of pre-dissemination review. It has not been formally disseminated by NOAA. It has no official status with the agency and does not represent final agency determination or policy.

Introduction

Purpose—evaluate probability of exceeding catch limits by stock based on analyses of precision of discard estimates and scenarios based on alternative discard rates on unobserved trips.

The following analyses examine the efficacy of the current monitoring programs for Sectors in terms of their ability to control fishing mortality on individual stocks. The emphasis is on stocks, rather than sectors per se or gears within sectors, because the primary biological concern is the likelihood of exceeding overfishing limits. In contrast, the issues of exceeding Annual Catch Entitlements are primary economic, affecting individual firms.

A central issue is the potential bias of discard rates on unobserved trips. The current monitoring program relies on the assumption that estimates of discard rates on observed trips can be applied to unobserved trips. If unobserved vessels discard at higher rates, then overall mortality will be higher than predicted. Various analyses of vessels performance have been used to infer the potential for bias. In general these studies rely on the analyses of observable properties of vessels with and without observers on board. Examples include comparisons of trip duration, total landings, species composition of landings and area fished. Irrespective of whether differences were found, the primary problem of inference remains—what is the discard rate on the unobserved trips? Can the differences in the observable differences between the two groups be used to predict the discard rate differential.

The following analyses approach the issue as a statistical control problem in which question is recast as—how much the discard rate have to increase on the unobserved trips in order to exceed a biological threshold. In this way one can investigate the probability of exceeding a biological threshold based on a hypothetical increase in the rate of discarding on unobserved trips. The following analyses also provide a context for the evaluation of actual measures of bias, should they be devised.

Methods

Total catch C_T is defined as sum of landings L_T and total discards D_T.

$$C_T=L_T+D_T \qquad (1)$$

Total landings are based on a census of landings from Vessel Trip Reports, Dealer Records, and Sector Manager Reports. They are usually assumed to be measured without statistical error.

Statistical error refers to errors arising from the expansion of sample data to the entire population. Errors that may arise from misreporting, malfeasance or clerical errors are not considered in this analysis.
Discards on the other hand are based on a sampling program. Total discards can be expressed as the sum of discards on observed and unobserved trips, denoted as Do and Du, respectively.

$$D_T=D_o+D_u \qquad (2)$$

The discard rate for a given stock r_o is defined as the ratio of discards observed for that stock (D_o) to the total kept landings of all species on observed trips (K_o). The estimate of total discards can be expressed as

$$D_T=r_oK_o+r_uK_u \qquad (2)$$

Where r_u is the discard rate on unobserved trips and K_u is the total kept of all species on the unobserved trips. The total kept is observable whereas the discard rate on an observed trip is equal to that on an unobserved trip (ie., $r_o=r_u$). One way of addressing the issue of bias is to assume that the discard rate on unobserved trips can be expressed as a scalar multiple of the observed rate

$$r_u=\beta r_o \qquad (3)$$

Substitution of Eq. 3 into 2 gives

$$D_T=r_oK_o+\beta r_oK_u \qquad (4)$$

Since Ku generally exceeds Ko, Eq. 4 allows total discards to increase rapidly if, in fact, the discard rate on unobserved trips is higher. If $\beta > 1$ the amount of bias in the discard rate is $(\beta-1)r_o$ and the bias in total discards is assumed to be $(\beta-1)r_oK_u$.

By substituting Eq. 4 into 1 total catch can be expressed as

$$C_T=L_T+ r_oK_o+\beta r_oK_u \qquad (5)$$

Total catch is now expressed in terms of known quantities, L_T, K_o, K_u , and estimated quantity r_o and a hypothesized value β. The variance of total catch can now be expressed as a function of the variance of the estimate of r_o.

The variance of total catch for a given gear.

$$V(C_T) =V(L_T+D_o+D_u) \qquad (6)$$

As noted above, landings (L) represent a census of removals and assumed to have negligible variance so the variance of catch is a function of only the variability of discards. Therefore,

$$V(C_T) = V(D_o + D_u) \qquad (7)$$

since V(L) is assumed to be zero. Substituting Eq. 4 into Eq. 7 gives

$$V(C_T) = V(K_o r_o + K_u \beta\, r_o) \qquad (8)$$
$$= V((K_o + K_u * \beta) * r_o)$$

Since $(K_o + K_u * \beta)$ can be viewed as a constant then,

$$V(C_T) = (K_o + K_u \beta)^2\, V(r_o) \qquad (9)$$

The variance of the discard rate was estimated using a ratio estimator. Further insight into the properties of Eq. 9 can be obtained by noting that variance of total catch increases as the square of the total kept on the observed K_o plus the bias adjusted total kept on unobserved trips $K_u\beta$.

The estimation of discard rates is typically stratified into homogeneous groups based on observable properties of the fleets. A primary group for stratification is gear type and mesh size. The variance of total catch of a given stock over all gears g=1, 2, …G is expressed as

$$V(C_T) = V(C_1 + C_2 + \ldots + C_G) \qquad (10)$$

Assuming that the variances of the catches across gears are independent, the total variance is can be estimated as the sum of the individual variances as follows:

$$V(C_T) = V(C_1) + V(C_2) + \ldots + V(C_G) \qquad (11)$$

$$V(C_T) = \sum_{g=1}^{G} (C_g) \qquad (12)$$

The overall variance of total catch for given stock can be estimated by substituting the variances defined in Eq. 9 into Eq. 12.

The aggregate catch estimates are assumed to be distributed normally with mean equal to C_T and variance equal to $V(C_T)$, i.e.,

$$C \sim N(C_T, V(C_T)) \qquad (13)$$

The probability that the catch exceeds the threshold upper bound, say ACL, ABC or OFL, can be computed as the integral

$$P(C > ACL) = 1 - \int_{-\infty}^{ACL} \Phi(x|C_T, V(C_T))\, dx \qquad (14)$$

Where $\Phi(.)$ is the cumulative normal distribution with mean $=C_T$ and variance $V(C_T)$. The probability of exceeding the ABC or OFL can also be estimated by replacing the variable ACL with ABC or OFL in Eq. 14.

Equations 1 to 14 were applied to each groundfish stock. All of the variables used in this analysis are summarized in Table 1. The bias scalar β was varied over a range of one to 50. In addition, Eq. 14 was modified to find a value of β that would result in a 5% chance of exceeding the overall ACL for the stock. It must be remembered that the usual threshold for determining whether a stock exceeds the threshold occurs when the total catch exceeds the ACL. In probabilistic terms, this corresponds to a 50% probability of exceeding the ACL.

Results

Summaries of total catch and precision for each stock by fishing year are provided in Table 2. The coefficient of variation of catch are less than 11% for all stocks and in generally much less. This can be attributed to the small fraction of total catch coming from total discards for the so-called allocated stocks. Allocated stocks are those with sector specific catch limits. Unallocated stocks are those which cannot be landed. Instead, total catch is equivalent to the total discards. Analyses of the uncertainty total catch suggest that the chance of exceeding the stock specific ACL is near zero for most stocks with the exception of the Northern windowpane flounder (an unallocated stock) in FY2010 ($P<0.20$) and FY2011 ($P<0.41$).

Results presented in Table 2 all assume zero bias in the discard estimate. An analysis of the increase in discard rate necessary to raise the probability of total catch exceeding the ACL to 5% is summarized in Table 3. The adjustment factor β for allocated stocks ranges from 1 to 1014, with the largest values corresponding to stocks whose total catches are well below the ACL. For cod stocks the discard rate on unobserved trips would have to be 4 to 13 times higher than presently observed. For the allocated flounder stocks (plaice, winter flounder, yellowtail flounder and witch flounder) the average β was 12.9. Average β for the unallocated stocks was 7.2 in FY2010 and 4.1 in FY2011. Overall, the rate of increase in discards necessary to increase the probability of exceeding the ACL to 5% seemed implausibly large. None of the bias analyses conducted to date seem to suggest behavioral differences of this magnitude.

As a further check on the magnitude of exceeding the ACL, ABC and OFL, a sensitivity analysis was conducted. These results are summarized by stock in Tables 4 to 23. The results of these sensitivity analyses suggest that the bias in discard rates would have to be at least 5 to 10 times greater than presently observed in order to pose appreciable risk of exceeding the ABC or OFL.

Table 1. Definition of variables used in the analysis of bias of total catch estimates.

Definition	***Variable***	***Equation***
Total estimated discards on observed trips	D_o	Do=sum of discards on observed trips $=K_o\ r_o$
Total landings (i.e., Kept) of all species on observed trips	K_o	Ko = sum of Kept_all on observed trips
Discard rate of stock on observed trips by gear type	r_o	$r_o=D_o/K_o$
Scalar multiplier for assumed discard rate on unobserved trips	β	
Discard rate on unobserved trips	r_u	$r_u=\beta r_o$
Total landings (i.e., Kept) of all species on unobserved trips	K_u	
Total estimated discard on unobserved trips	D_u	$D_u=K_u\ r_u$
Total discards	D_T	$D_T= D_o + D_u$
Total landings of stock on observed trips	L_o	
Total landings of stock on unobserved trips	L_u	
Total landings of stock	L_T	$L_T=L_o+L_u$
Variance operator	V(.)	
Coefficient of variation	CV(.)	sqrt[V(.)]/Expected value
Fraction of trips observed	p_t	n_o/n_T
Fraction of landings observed	pK	Lo/L_T
Probability that the random variable X exceeds the random variable Y	P(X>Y)	$1-\int_{-\infty}^{Y}\Phi(x\|\mu,\sigma^2)\,dx$ where $\Phi(.)$ is the cumulative normal distribution with mean μ and variance $=\sigma^2$.

Table 2. Summary of total catch, relative precision and probability of exceeding stock specific ACLs by stock for fishing years 2010 and 2011.

				90% Confidence Interval (lbs)				
Fishing Year	Stock	Total Catch (lbs)	CV of Total Catch	5th percentile	95th percentile	Ratio of total discards to total catch	Sector ACL (lbs)	P(C>ACL)
FY10	GB Cod	6,193,323	0.00243	6,168,535	6,218,110	0.04330	8,377,480	0
FY10	GOM Cod	9,492,559	0.00995	9,337,191	9,647,928	0.02168	18,805,238	0
FY10	Plaice	3,291,641	0.00535	3,262,701	3,320,582	0.11532	6,957,718	0
FY10	GB Winter Flounder	3,113,421	0.00233	3,101,513	3,125,328	0.01410	4,523,839	0
FY10	GOM Winter Flounder	177,773	0.00218	177,136	178,410	0.01989	524,695	0
FY10	Witch Flounder	1,550,191	0.00448	1,538,764	1,561,617	0.08275	2,081,142	0
FY10	CC/GOM Yellowtail Flounder	1,246,908	0.00951	1,227,394	1,266,423	0.10921	1,902,570	0
FY10	GB Yellowtail Flounder	1,666,387	0.01101	1,636,204	1,696,570	0.09763	2,645,520	7.46E-09
FY10	SNE/MA Yellowtail Flounder	330,871	0.00297	329,252	332,489	0.02377	1,086,868	0
FY10	GB Haddock	18,457,010	0.00039	18,445,127	18,468,892	0.00466	98,993,154	0
FY10	GOM Haddock	812,051	0.00069	811,135	812,966	0.00683	2,788,819	0
FY10	White Hake	4,850,146	0.00127	4,839,977	4,860,315	0.01407	6,243,427	0
FY10	Pollock	11,956,201	0.00124	11,931,899	11,980,504	0.01415	7,259,748	0
FY10	Redfish	4,600,058	0.00873	4,533,967	4,666,148	0.07235	16,724,096	0
FY10	SNE/MA Winter Flounder	98,223	0.06224	88,168	108,278	0.82432	1,419,762	0
FY10	Southern Windowpane	103,128	0.08335	88,989	117,267	0.99764	522,490	0
FY10	Northern Windowpane	320,181	0.12629	253,669	386,693	0.99804	372,577	0.195
FY10	Ocean Pout	117,485	0.09482	99,161	135,809	0.99895	597,447	0
FY10	Halibut	52,707	0.04098	49,154	56,260	0.74672	156,527	0
FY10	Wolffish	40,797	0.06449	36,470	45,125	0.98718	182,982	0
FY11	GB Cod	7,143,044	0.00356	7,101,260	7,184,828	0.04408	12,381,034	0
FY11	GOM Cod	9,619,868	0.00143	9,597,309	9,642,428	0.03355	19,867,855	0
FY11	Plaice	3,629,441	0.00514	3,598,762	3,660,119	0.11935	7,592,642	0
FY11	GB Winter Flounder	4,339,155	0.00211	4,324,098	4,354,211	0.00720	4,903,030	1.21E-09
FY11	GOM Winter Flounder	347,731	0.00298	346,027	349,436	0.02983	524,695	0
FY11	Witch Flounder	2,205,015	0.00319	2,193,441	2,216,589	0.06328	3,018,097	0
FY11	CC/GOM Yellowtail Flounder	1,755,596	0.00770	1,733,357	1,777,834	0.10601	2,294,989	0
FY11	GB Yellowtail Flounder	2,261,570	0.00526	2,242,013	2,281,127	0.04856	2,383,173	0
FY11	SNE/MA Yellowtail Flounder	800,746	0.00482	794,403	807,089	0.04947	1,514,560	0
FY11	GB Haddock	8,844,695	0.00194	8,816,448	8,872,942	0.01993	103,140,006	0
FY11	GOM Haddock	1,063,041	0.00125	1,060,853	1,065,229	0.01542	2,658,748	0
FY11	White Hake	6,663,852	0.00084	6,654,636	6,673,067	0.01057	7,264,157	1
FY11	Pollock	16,712,373	0.00107	16,682,902	16,741,844	0.01421	7,259,748	0
FY11	Redfish	6,001,260	0.00632	5,938,843	6,063,678	0.06787	18,421,638	0
FY11	SNE/MA Winter Flounder	198,527	0.11128	162,187	234,866	0.96551	1,977,526	0
FY11	Southern Windowpane	179,964	0.08303	155,386	204,542	0.99806	522,490	0
FY11	Northern Windowpane	347,628	0.09333	294,263	400,993	1.00000	372,577	0.410835
FY11	Ocean Pout	135,064	0.10293	112,197	157,931	0.99993	597,447	0
FY11	Halibut	90,538	0.05077	82,978	98,099	0.74648	171,959	0
FY11	Wolffish	70,444	0.06815	62,548	78,341	0.99973	182,982	0

Table 3. Summary of adjusted total catch and relative precision necessary to raise the probability of exceeding the ACL to 5%.

Total catch and its variance increase because of the adjustment factor.

Fishing Year	Stock	Adjusted Total Catch (lbs)	Adjusted CV of Total Catch	90% Confidence Interval (lbs) 5th percentile	95th percentile	Adjusted Ratio of total discards to total catch	Probability that Catch exceeds ACL	Expansion Factor for discards necessary to achieve P(C>ACL)=0.05
FY10	GB Cod	7,164,236	0.0098	7,049,199	7,279,273	0.1730	0.05	5.8
FY10	GOM Cod	9,392,955	0.0095	9,246,535	9,539,375	0.1746	0.05	13.2
FY10	Plaice	5,837,428	0.0231	5,615,643	6,059,212	0.5011	0.05	10.1
FY10	GB Winter Flounder	3,814,878	0.0325	3,610,668	4,019,088	0.1954	0.05	20.9
FY10	GOM Winter Flounder	274,900	0.0405	256,600	293,201	0.3662	0.05	40.5
FY10	Witch Flounder	1,790,364	0.0112	1,757,467	1,823,262	0.2058	0.05	3.5
FY10	CC/GOM Yellowtail Flounder	1,544,492	0.0246	1,481,877	1,607,107	0.2808	0.05	4.1
FY10	GB Yellowtail Flounder	1,728,156	0.0148	1,686,119	1,770,192	0.1299	0.05	1.5
FY10	SNE/MA Yellowtail Flounder	485,030	0.0416	451,834	518,225	0.3340	0.05	32.7
FY10	GB Haddock	80,002,887	0.0652	71,417,371	88,588,404	0.7704	0.05	1014.5
FY10	GOM Haddock	1,618,222	0.0538	1,475,052	1,761,392	0.5016	0.05	219.8
FY10	White Hake	5,425,904	0.0109	5,328,808	5,523,000	0.1187	0.05	12.7
FY10	Pollock	32,711,551	0.0551	29,746,169	35,676,933	0.6397	0.05	179.7
FY10	Redfish	13,122,270	0.0819	11,354,504	14,890,037	0.6748	0.05	36.3
FY10	SNE/MA Winter Flounder	1,188,423	0.0740	1,043,788	1,333,058	0.9855	0.05	20.1
FY10	Southern Windowpane	436,181	0.0835	376,303	496,060	0.9994	0.05	6.3
FY10	Northern Windowpane	293,995	0.1261	233,031	354,959	0.9979	0.05	0.9
FY10	Ocean Pout	482,129	0.0953	406,537	557,720	0.9997	0.05	5.3
FY10	Halibut	140,555	0.0500	128,986	152,124	0.9050	0.05	4.1
FY10	Wolffish	153,277	0.0654	136,793	169,762	0.9966	0.05	4.9
FY11	GB Cod	8,990,874	0.0193	8,705,575	9,276,173	0.2405	0.05	8.9
FY11	GOM Cod	10,335,732	0.0043	10,263,445	10,408,019	0.1005	0.05	4.0
FY11	Plaice	6,464,563	0.0218	6,232,739	6,696,386	0.5056	0.05	10.1
FY11	GB Winter Flounder	4,365,767	0.0039	4,337,849	4,393,685	0.0133	0.05	2.1
FY11	GOM Winter Flounder	640,497	0.0472	590,732	690,263	0.4733	0.05	40.5
FY11	Witch Flounder	2,623,483	0.0107	2,577,137	2,669,829	0.2127	0.05	5.2
FY11	CC/GOM Yellowtail Flounder	1,965,596	0.0146	1,918,278	2,012,914	0.2015	0.05	2.6
FY11	GB Yellowtail Flounder	2,424,885	0.0122	2,376,122	2,473,647	0.1126	0.05	3.0
FY11	SNE/MA Yellowtail Flounder	872,768	0.0124	854,900	890,637	0.1279	0.05	3.8
FY11	GB Haddock	58,685,497	0.0866	50,323,996	67,046,998	0.8523	0.05	375.4
FY11	GOM Haddock	1,619,781	0.0293	1,541,633	1,697,930	0.3538	0.05	47.8
FY11	White Hake	6,663,852	0.0008	6,654,636	6,673,067	0.0106	1.00	1.0
FY11	Pollock	28,971,654	0.0326	27,417,794	30,525,514	0.4313	0.05	72.9
FY11	Redfish	15,081,535	0.0590	13,618,578	16,544,493	0.6291	0.05	32.5
FY11	SNE/MA Winter Flounder	1,561,039	0.1147	1,266,611	1,855,468	0.9956	0.05	11.1
FY11	Southern Windowpane	436,222	0.0831	376,578	495,866	0.9992	0.05	3.2
FY11	Northern Windowpane	347,628	0.0933	294,263	400,993	1.0000	0.41	1.0
FY11	Ocean Pout	476,764	0.1032	395,806	557,723	1.0000	0.05	4.5
FY11	Halibut	152,841	0.0582	138,204	167,479	0.8498	0.05	2.3
FY11	Wolffish	152,599	0.0679	135,544	169,654	0.9999	0.05	2.6

Table 4. Sensitivity analyses for potential bias of discard rates for

Georges Bank cod

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.043300661
FY 2010	1.5	0	0	0	0.058527981
FY 2010	2	0	0	0	0.073278163
FY 2010	2.5	0	0	0	0.087573289
FY 2010	3	0	0	0	0.101434096
FY 2010	3.5	0	0	0	0.114880081
FY 2010	4	0	0	0	0.127929592
FY 2010	4.5	9.53682E-13	0	0	0.140599911
FY 2010	5	1.17539E-06	0	0	0.152907327
FY 2010	6	0.119052855	0	0	0.176494084
FY 2010	7	0.91846837	0	0	0.198802907
FY 2010	8	0.999597598	0	0	0.219934916
FY 2010	9	0.999999491	1.8683E-08	0	0.239980835
FY 2010	10	1	0.000561912	0	0.259022295
FY 2010	15	1	0.99982454	0	0.34151096
FY 2010	20	1	1	0	0.407473438
FY 2010	25	1	1	0	0.461423935
FY 2010	30	1	1	5.4947E-08	0.506369763
FY 2010	35	1	1	0.019943154	0.544391678
FY 2010	40	1	1	0.652710974	0.576975203
FY 2010	45	1	1	0.989282825	0.605209264
FY 2010	50	1	1	0.999935615	0.629910267
FY 2011	1	0	0	0	0.044075669
FY 2011	1.5	0	0	0	0.0593962
FY 2011	2	0	0	0	0.074233395
FY 2011	2.5	0	0	0	0.088609772
FY 2011	3	0	0	0	0.102546471
FY 2011	3.5	0	0	0	0.116063358
FY 2011	4	0	0	0	0.129179121
FY 2011	4.5	0	0	0	0.141911353
FY 2011	5	0	0	0	0.154276636
FY 2011	6	0	0	0	0.17796803
FY 2011	7	3.8277E-08	0	0	0.200368251
FY 2011	8	0.000598317	0	0	0.221580053
FY 2011	9	0.059320812	0	0	0.241695566
FY 2011	10	0.41861374	0	0	0.26079764
FY 2011	15	0.999956362	2.35612E-12	0	0.343487104
FY 2011	20	0.999999999	0.015714538	0	0.409538011
FY 2011	25	1	0.768211557	3.76921E-13	0.463513244
FY 2011	30	1	0.996178563	4.1873E-05	0.50844702
FY 2011	35	1	0.999974919	0.053410268	0.546435584
FY 2011	40	1	0.999999829	0.552949936	0.578973657
FY 2011	45	1	0.999999998	0.93241557	0.60715575
FY 2011	50	1	1	0.995126865	0.63180171

Table 5. Sensitivity analyses for potential bias of discard rates for

GOM Cod

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.021683728
FY 2010	1.5	0	0	0	0.029069614
FY 2010	2	0	0	0	0.036344815
FY 2010	2.5	0	0	0	0.043511801
FY 2010	3	0	0	0	0.050572967
FY 2010	3.5	0	0	0	0.057530642
FY 2010	4	0	0	0	0.064387082
FY 2010	4.5	0	0	0	0.071144482
FY 2010	5	0	0	0	0.077804972
FY 2010	6	0	0	0	0.090843444
FY 2010	7	0	0	0	0.103518367
FY 2010	8	0	0	0	0.115844736
FY 2010	9	0	0	0	0.127836735
FY 2010	10	3.9968E-15	0	0	0.139507787
FY 2010	15	0.767507543	0	0	0.19347151
FY 2010	20	0.99999978	0	0	0.241066237
FY 2010	25	1	0	0	0.283356676
FY 2010	30	1	0	0	0.321182743
FY 2010	35	1	0	0	0.355215915
FY 2010	40	1	0	0	0.385999439
FY 2010	45	1	0	0	0.413977543
FY 2010	50	1	0	0	0.439517017
FY 2011	1	0	0	0	0.033548333
FY 2011	1.5	0	0	0	0.045314524
FY 2011	2	0	0	0	0.056797663
FY 2011	2.5	0	0	0	0.068007842
FY 2011	3	0	0	0	0.078954679
FY 2011	3.5	2.34506E-07	0	0	0.089647348
FY 2011	4	0.039858406	0	0	0.100094597
FY 2011	4.5	0.804795844	0	0	0.11030478
FY 2011	5	0.998575844	0	0	0.120285876
FY 2011	6	1	0	0	0.139590971
FY 2011	7	1	0	0	0.15806697
FY 2011	8	1	0	0	0.175766161
FY 2011	9	1	0	0	0.192736525
FY 2011	10	1	0	0	0.209022173
FY 2011	15	1	0	0	0.281497171
FY 2011	20	1	0	0	0.34180561
FY 2011	25	1	0	0	0.392773896
FY 2011	30	1	0	0	0.436415891
FY 2011	35	1	3.44204E-10	0	0.474205322
FY 2011	40	1	0.006698256	0	0.507245488
FY 2011	45	1	0.658367116	0	0.536378766
FY 2011	50	1	0.996706757	0	0.562259437

Table 6. Sensitivity analyses for potential bias of discard rates for

Plaice

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.115322353
FY 2010	1.5	0	0	0	0.151351785
FY 2010	2	0	0	0	0.184561385
FY 2010	2.5	0	0	0	0.215269725
FY 2010	3	0	0	0	0.243749133
FY 2010	3.5	0	0	0	0.270233787
FY 2010	4	0	0	0	0.294926171
FY 2010	4.5	0	0	0	0.318002259
FY 2010	5	0	0	0	0.339615721
FY 2010	6	0	0	0	0.378977841
FY 2010	7	0	0	0	0.413911567
FY 2010	8	2.67564E-14	0	0	0.445124417
FY 2010	9	5.37783E-06	0	0	0.473180811
FY 2010	10	0.029905415	0	0	0.498536509
FY 2010	15	0.999999997	0.89395795	0	0.595805495
FY 2010	20	1	1	0.040038279	0.661470197
FY 2010	25	1	1	0.997974834	0.70878109
FY 2010	30	1	1	0.999999999	0.744489679
FY 2010	35	1	1	1	0.772397741
FY 2010	40	1	1	1	0.794809618
FY 2010	45	1	1	1	0.813203384
FY 2010	50	1	1	1	0.828570723
FY 2011	1	0	0	0	0.119349268
FY 2011	1.5	0	0	0	0.155499917
FY 2011	2	0	0	0	0.188799634
FY 2011	2.5	0	0	0	0.219572873
FY 2011	3	0	0	0	0.248096653
FY 2011	3.5	0	0	0	0.274608924
FY 2011	4	0	0	0	0.299315218
FY 2011	4.5	0	0	0	0.322393987
FY 2011	5	0	0	0	0.344000923
FY 2011	6	0	0	0	0.383328723
FY 2011	7	0	0	0	0.41820775
FY 2011	8	0	0	0	0.449352463
FY 2011	9	1.86507E-06	0	0	0.47733211
FY 2011	10	0.025607189	0	0	0.502605832
FY 2011	15	1	0.969687155	0	0.5994494
FY 2011	20	1	1	0.100247726	0.664727566
FY 2011	25	1	1	0.999797812	0.71171043
FY 2011	30	1	1	1	0.747143999
FY 2011	35	1	1	1	0.774820707
FY 2011	40	1	1	1	0.797036374
FY 2011	45	1	1	1	0.81526218
FY 2011	50	1	1	1	0.830484406

Table 7. Sensitivity analyses for potential bias of discard rates for

GB Winter Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.014104097
FY 2010	1.5	0	0	0	0.019663048
FY 2010	2	0	0	0	0.025159662
FY 2010	2.5	0	0	0	0.030594982
FY 2010	3	0	0	0	0.035970029
FY 2010	3.5	0	0	0	0.041285798
FY 2010	4	0	0	0	0.046543265
FY 2010	4.5	0	0	0	0.051743383
FY 2010	5	0	0	0	0.056887087
FY 2010	6	0	0	0	0.067008884
FY 2010	7	0	0	0	0.076915726
FY 2010	8	0	0	0	0.08661439
FY 2010	9	0	0	0	0.096111369
FY 2010	10	0	0	0	0.10541289
FY 2010	15	2.2344E-06	0	0	0.149189476
FY 2010	20	0.024342187	2.6169E-10	0	0.188881527
FY 2010	25	0.347663483	7.47702E-05	0	0.225035219
FY 2010	30	0.747137133	0.014916596	0	0.258103505
FY 2010	35	0.922571291	0.155657002	3.78586E-14	0.28846519
FY 2010	40	0.976785318	0.443958778	3.26606E-09	0.316439508
FY 2010	45	0.992545441	0.704677145	3.43265E-06	0.342297388
FY 2010	50	0.997360305	0.860283549	0.000277337	0.366270259
FY 2011	1	1.21316E-09	0	0	0.007203901
FY 2011	1.5	0.000311391	0	0	0.009854636
FY 2011	2	0.024779509	0	0	0.012491253
FY 2011	2.5	0.154070906	0	0	0.015113865
FY 2011	3	0.360452715	0	0	0.017722585
FY 2011	3.5	0.552629708	0	0	0.020317521
FY 2011	4	0.694654799	0	0	0.022898782
FY 2011	4.5	0.790465099	0	0	0.025466478
FY 2011	5	0.853373225	0	0	0.028020713
FY 2011	6	0.92248763	0	0	0.033089226
FY 2011	7	0.954669753	0	0	0.038105153
FY 2011	8	0.971094015	9.13047E-13	0	0.043069307
FY 2011	9	0.980223312	1.52985E-09	0	0.047982486
FY 2011	10	0.9856818	2.50478E-07	0	0.052845471
FY 2011	15	0.995123366	0.011345778	0	0.076433739
FY 2011	20	0.997330003	0.188919418	0	0.098875656
FY 2011	25	0.998179219	0.485502719	0	0.120252804
FY 2011	30	0.998602168	0.70212139	3.60925E-11	0.140639206
FY 2011	35	0.99884793	0.825613859	1.5884E-07	0.160102178
FY 2011	40	0.999005957	0.893006802	2.484E-05	0.178703072
FY 2011	45	0.999115052	0.930691341	0.000609479	0.196497923
FY 2011	50	0.999194409	0.95272872	0.00501033	0.213538014

Table 8. Sensitivity analyses for potential bias of discard rates for

GOM Winter Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.019889508
FY 2010	1.5	0	0	0	0.026627818
FY 2010	2	0	0	0	0.033274108
FY 2010	2.5	0	0	0	0.039830251
FY 2010	3	0	0	0	0.046298068
FY 2010	3.5	0	0	0	0.052679331
FY 2010	4	0	0	0	0.058975768
FY 2010	4.5	0	0	0	0.065189058
FY 2010	5	0	0	0	0.071320837
FY 2010	6	0	0	0	0.083346196
FY 2010	7	0	0	0	0.095064107
FY 2010	8	0	0	0	0.10648621
FY 2010	9	0	0	0	0.117623568
FY 2010	10	0	0	0	0.128486697
FY 2010	15	0	0	0	0.179022843
FY 2010	20	0	0	0	0.224019368
FY 2010	25	0	0	0	0.264339799
FY 2010	30	5.13183E-08	0	0	0.300677049
FY 2010	35	0.000493685	0	0	0.333593574
FY 2010	40	0.038540312	0	0	0.363550691
FY 2010	45	0.281744487	0	0	0.390930336
FY 2010	50	0.646727494	0	0	0.416051432
FY 2011	1	0	0	0	0.029831897
FY 2011	1.5	0	0	0	0.040063924
FY 2011	2	0	0	0	0.050082376
FY 2011	2.5	0	0	0	0.059893871
FY 2011	3	0	0	0	0.069504757
FY 2011	3.5	0	0	0	0.078921123
FY 2011	4	0	0	0	0.088148816
FY 2011	4.5	0	0	0	0.097193451
FY 2011	5	0	0	0	0.106060421
FY 2011	6	0	0	0	0.123281902
FY 2011	7	0	0	0	0.139852391
FY 2011	8	0	0	0	0.155808116
FY 2011	9	0	0	0	0.171182664
FY 2011	10	0	0	0	0.186007221
FY 2011	15	0	6.69237E-11	0	0.252828279
FY 2011	20	0	0.008358313	0	0.309510864
FY 2011	25	0	0.520123601	0	0.358199673
FY 2011	30	7.5133E-09	0.95449539	0	0.400474329
FY 2011	35	0.000283966	0.99792526	0	0.437523984
FY 2011	40	0.037545336	0.999912229	0	0.470260945
FY 2011	45	0.315465655	0.999995546	0	0.499396814
FY 2011	50	0.712684801	0.999999706	0	0.525494798

Table 9. Sensitivity analyses for potential bias of discard rates for

Witch Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.082749775
FY 2010	1.5	0	0	0	0.109952019
FY 2010	2	0	0	0	0.135587296
FY 2010	2.5	0	0	0	0.159787215
FY 2010	3	6.438E-07	0	0	0.182669042
FY 2010	3.5	0.034194862	0	0	0.204337612
FY 2010	4	0.692342446	0	0	0.224886927
FY 2010	4.5	0.990560745	0	0	0.244401525
FY 2010	5	0.999940531	1.74226E-08	0	0.262957638
FY 2010	6	1	0.040189261	0	0.297463646
FY 2010	7	1	0.83964931	0	0.328883225
FY 2010	8	1	0.998957166	0	0.357612751
FY 2010	9	1	0.9999988	0	0.383983515
FY 2010	10	1	0.999999999	3.56177E-10	0.408274552
FY 2010	15	1	1	0.966945658	0.505726597
FY 2010	20	1	1	0.999999998	0.57561854
FY 2010	25	1	1	1	0.628193278
FY 2010	30	1	1	1	0.66917742
FY 2010	35	1	1	1	0.702023301
FY 2010	40	1	1	1	0.728936021
FY 2010	45	1	1	1	0.751390026
FY 2010	50	1	1	1	0.770408588
FY 2011	1	0	0	0	0.063279376
FY 2011	1.5	0	0	0	0.084062292
FY 2011	2	0	0	0	0.103943009
FY 2011	2.5	0	0	0	0.122979026
FY 2011	3	0	0	0	0.141223057
FY 2011	3.5	0	0	0	0.158723522
FY 2011	4	6.21725E-14	0	0	0.17552497
FY 2011	4.5	1.8168E-06	0	0	0.191668463
FY 2011	5	0.008984988	0	0	0.207191906
FY 2011	6	0.864512706	0	0	0.236516252
FY 2011	7	0.999858187	6.2771E-09	0	0.263748679
FY 2011	8	0.999999986	0.003966103	0	0.289105325
FY 2011	9	1	0.395657985	0	0.312773545
FY 2011	10	1	0.952113421	0	0.334916545
FY 2011	15	1	1	4.70269E-06	0.427197396
FY 2011	20	1	1	0.934418359	0.496990376
FY 2011	25	1	1	0.999999839	0.551622779
FY 2011	30	1	1	1	0.595550467
FY 2011	35	1	1	1	0.631638941
FY 2011	40	1	1	1	0.661814744
FY 2011	45	1	1	1	0.687420938
FY 2011	50	1	1	1	0.709422444

Table10. Sensitivity analyses for potential bias of discard rates for

CC/GOM Yellowtail Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.109207729
FY 2010	1.5	0	0	0	0.142603284
FY 2010	2	0	0	0	0.173585341
FY 2010	2.5	0	0	0	0.202406409
FY 2010	3	5.04142E-09	0	0	0.229284963
FY 2010	3.5	0.000206588	0	0	0.254410986
FY 2010	4	0.033275494	0	0	0.277950468
FY 2010	4.5	0.313809761	2.13163E-14	0	0.30004908
FY 2010	5	0.730392774	3.36613E-09	0	0.320835188
FY 2010	6	0.989159711	0.000930017	0	0.358911392
FY 2010	7	0.999786218	0.124430111	0	0.39294489
FY 2010	8	0.999995835	0.632474322	7.77156E-15	0.423547071
FY 2010	9	0.999999896	0.934753425	7.81881E-09	0.451211958
FY 2010	10	0.999999996	0.993051247	2.95076E-05	0.476343081
FY 2010	15	1	0.999999956	0.836150544	0.573905615
FY 2010	20	1	1	0.999787377	0.640823751
FY 2010	25	1	1	0.999999797	0.68957587
FY 2010	30	1	1	0.999999999	0.726675114
FY 2010	35	1	1	1	0.75585343
FY 2010	40	1	1	1	0.779402885
FY 2010	45	1	1	1	0.798809008
FY 2010	50	1	1	1	0.81507686
FY 2011	1	0	0	0	0.106012818
FY 2011	1.5	0	0	0	0.138861499
FY 2011	2	5.69435E-08	0	0	0.16938175
FY 2011	2.5	0.022586763	0	0	0.197812669
FY 2011	3	0.626884867	0	0	0.2243617
FY 2011	3.5	0.979925021	3.20582E-08	0	0.249209705
FY 2011	4	0.999646776	0.00063524	0	0.27251509
FY 2011	4.5	0.999995686	0.068788161	0	0.294417183
FY 2011	5	0.999999946	0.472271736	0	0.315039025
FY 2011	6	1	0.981987221	0	0.35286617
FY 2011	7	1	0.999881824	1.29491E-09	0.386733944
FY 2011	8	1	0.999999469	0.000156494	0.417233074
FY 2011	9	1	0.999999997	0.039737912	0.44484234
FY 2011	10	1	1	0.39767295	0.469953896
FY 2011	15	1	1	0.999991441	0.567720755
FY 2011	20	1	1	1	0.635037912
FY 2011	25	1	1	1	0.684214028
FY 2011	30	1	1	1	0.72171148
FY 2011	35	1	1	1	0.751248983
FY 2011	40	1	1	1	0.775117934
FY 2011	45	1	1	1	0.794807243
FY 2011	50	1	1	1	0.811326362

Table 11. Sensitivity analyses for potential bias of discard rates for

GB Yellowtail Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	7.4587E-09	0	0	0.097634022
FY 2010	1.5	0.05632249	0	0	0.130564226
FY 2010	2	0.750095202	0	0	0.161175596
FY 2010	2.5	0.982662273	0	0	0.189704729
FY 2010	3	0.999053002	0	0	0.216357091
FY 2010	3.5	0.99993722	0	0	0.24131198
FY 2010	4	0.999994382	0	0	0.264726557
FY 2010	4.5	0.999999322	7.77156E-15	0	0.286739163
FY 2010	5	0.999999893	4.2879E-10	0	0.307472055
FY 2010	6	0.999999995	7.83725E-05	0	0.345520552
FY 2010	7	1	0.018932676	0	0.379605911
FY 2010	8	1	0.215965753	0	0.41031668
FY 2010	9	1	0.58912671	0	0.438130369
FY 2010	10	1	0.85060726	0	0.463438455
FY 2010	15	1	0.999772685	0	0.562066776
FY 2010	20	1	0.999999005	0	0.630066316
FY 2010	25	1	0.999999982	0	0.679786995
FY 2010	30	1	0.999999999	0	0.717725854
FY 2010	35	1	1	0	0.747627022
FY 2010	40	1	1	0	0.771800128
FY 2010	45	1	1	3.03772E-10	0.791747254
FY 2010	50	1	1	1.17497E-06	0.808487508
FY 2011	1	0	0	0	0.048555403
FY 2011	1.5	0	3.6018E-07	0	0.065388722
FY 2011	2	1.57355E-10	0.026521281	0	0.081636753
FY 2011	2.5	0.000180787	0.509463989	0	0.097329501
FY 2011	3	0.048744451	0.918660565	0	0.112494951
FY 2011	3.5	0.403377232	0.992052848	0	0.127159243
FY 2011	4	0.800281087	0.999295382	0	0.141346813
FY 2011	4.5	0.955934198	0.999931299	0	0.155080538
FY 2011	5	0.991948247	0.999992084	0	0.168381851
FY 2011	6	0.999746773	0.999999817	0	0.193766435
FY 2011	7	0.999989613	0.999999992	0	0.217647228
FY 2011	8	0.999999379	0.999999999	0	0.240154011
FY 2011	9	0.999999946	1	0	0.261402052
FY 2011	10	0.999999994	1	0	0.281494076
FY 2011	15	1	1	0	0.36752053
FY 2011	20	1	1	0	0.435149835
FY 2011	25	1	1	0	0.489713391
FY 2011	30	1	1	0	0.534664045
FY 2011	35	1	1	0	0.572336509
FY 2011	40	1	1	0	0.604366067
FY 2011	45	1	1	0	0.631932244
FY 2011	50	1	1	0	0.65590724

Table 12. Sensitivity analyses for potential bias of discard rates for

SNE/MA Yellowtail Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.023766579
FY 2010	1.5	0	0	0	0.030886434
FY 2010	2	0	0	0	0.037903189
FY 2010	2.5	0	0	0	0.044819066
FY 2010	3	0	0	0	0.051636226
FY 2010	3.5	0	0	0	0.058356766
FY 2010	4	0	0	0	0.064982727
FY 2010	4.5	0	0	0	0.071516091
FY 2010	5	0	0	0	0.077958786
FY 2010	6	0	0	0	0.090579615
FY 2010	7	0	0	0	0.102859603
FY 2010	8	0	0	0	0.114812374
FY 2010	9	0	0	0	0.126450834
FY 2010	10	0	0	0	0.137787221
FY 2010	15	0	0	0	0.190324583
FY 2010	20	1.54321E-14	0	0	0.236827129
FY 2010	25	2.73053E-06	0	0	0.278278186
FY 2010	30	0.006334128	0	0	0.315458452
FY 2010	35	0.15480684	0	0	0.348995634
FY 2010	40	0.538774057	0	0	0.379400172
FY 2010	45	0.833152279	0	0	0.407091402
FY 2010	50	0.951976307	0	0	0.432417015
FY 2011	1	0	0	0	0.04947409
FY 2011	1.5	0	0	0	0.064695527
FY 2011	2	0	0	0	0.079437145
FY 2011	2.5	1.62859E-11	0	0	0.093721278
FY 2011	3	1.15532E-05	0	0	0.107568899
FY 2011	3.5	0.007590882	0	0	0.120999715
FY 2011	4	0.153236458	0	0	0.134032265
FY 2011	4.5	0.540939529	0	0	0.146684006
FY 2011	5	0.847175462	0	0	0.158971387
FY 2011	6	0.992728901	0	0	0.182514269
FY 2011	7	0.999754268	0	0	0.204774973
FY 2011	8	0.999990765	0	0	0.225855466
FY 2011	9	0.99999955	0	0	0.245847182
FY 2011	10	0.999999971	0	0	0.264832349
FY 2011	15	1	0	0	0.347023089
FY 2011	20	1	1.3266E-05	0	0.412684195
FY 2011	25	1	0.086210889	0	0.466346546
FY 2011	30	1	0.706412087	0	0.511023729
FY 2011	35	1	0.972148287	0	0.548798111
FY 2011	40	1	0.998388164	0	0.581154735
FY 2011	45	1	0.999911942	0	0.609181165
FY 2011	50	1	0.999994513	0	0.63369213

Table 13. Sensitivity analyses for potential bias of discard rates for

GB Haddock

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.004656422
FY 2010	1.5	0	0	0	0.006291156
FY 2010	2	0	0	0	0.007920529
FY 2010	2.5	0	0	0	0.009544567
FY 2010	3	0	0	0	0.011163297
FY 2010	3.5	0	0	0	0.012776744
FY 2010	4	0	0	0	0.014384934
FY 2010	4.5	0	0	0	0.015987894
FY 2010	5	0	0	0	0.017585648
FY 2010	6	0	0	0	0.020765641
FY 2010	7	0	0	0	0.023925114
FY 2010	8	0	0	0	0.027064264
FY 2010	9	0	0	0	0.030183288
FY 2010	10	0	0	0	0.033282377
FY 2010	15	0	0	0	0.048485399
FY 2010	20	0	0	0	0.063217646
FY 2010	25	0	0	0	0.077500651
FY 2010	30	0	0	0	0.091354655
FY 2010	35	0	0	0	0.1047987
FY 2010	40	0	0	0	0.117850716
FY 2010	45	0	0	0	0.130527606
FY 2010	50	0	0	0	0.142845312
FY 2011	1	0	0	0	0.01993166
FY 2011	1.5	0	0	0	0.027252781
FY 2011	2	0	0	0	0.034465336
FY 2011	2.5	0	0	0	0.041571721
FY 2011	3	0	0	0	0.048574264
FY 2011	3.5	0	0	0	0.055475223
FY 2011	4	0	0	0	0.062276795
FY 2011	4.5	0	0	0	0.06898111
FY 2011	5	0	0	0	0.075590239
FY 2011	6	0	0	0	0.088530937
FY 2011	7	0	0	0	0.101114326
FY 2011	8	0	0	0	0.113355004
FY 2011	9	0	0	0	0.125266783
FY 2011	10	0	0	0	0.136862744
FY 2011	15	0	0	0	0.19051754
FY 2011	20	0	0	0	0.237892096
FY 2011	25	0	0	0	0.280028092
FY 2011	30	0	0	0	0.317748905
FY 2011	35	0	0	0	0.351713948
FY 2011	40	0	0	0	0.382457549
FY 2011	45	0	0	0	0.410417269
FY 2011	50	0	0	0	0.435954856

Table 14. Sensitivity analyses for potential bias of discard rates for

GOM Haddock

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.043300661
FY 2010	1.5	0	0	0	0.058527981
FY 2010	2	0	0	0	0.073278163
FY 2010	2.5	0	0	0	0.087573289
FY 2010	3	0	0	0	0.101434096
FY 2010	3.5	0	0	0	0.114880081
FY 2010	4	0	0	0	0.127929592
FY 2010	4.5	9.53682E-13	0	0	0.140599911
FY 2010	5	1.17539E-06	0	0	0.152907327
FY 2010	6	0.119052855	0	0	0.176494084
FY 2010	7	0.91846837	0	0	0.198802907
FY 2010	8	0.999597598	0	0	0.219934916
FY 2010	9	0.999999491	1.8683E-08	0	0.239980835
FY 2010	10	1	0.000561912	0	0.259022295
FY 2010	15	1	0.99982454	0	0.34151096
FY 2010	20	1	1	0	0.407473438
FY 2010	25	1	1	0	0.461423935
FY 2010	30	1	1	5.4947E-08	0.506369763
FY 2010	35	1	1	0.019943154	0.544391678
FY 2010	40	1	1	0.652710974	0.576975203
FY 2010	45	1	1	0.989282825	0.605209264
FY 2010	50	1	1	0.999935615	0.629910267
FY 2011	1	0	0	0	0.015421952
FY 2011	1.5	0	0	0	0.020897606
FY 2011	2	0	0	0	0.026312693
FY 2011	2.5	0	0	0	0.031668211
FY 2011	3	0	0	0	0.036965138
FY 2011	3.5	0	0	0	0.04220443
FY 2011	4	0	0	0	0.047387023
FY 2011	4.5	0	0	0	0.052513833
FY 2011	5	0	0	0	0.057585754
FY 2011	6	0	0	0	0.067568422
FY 2011	7	0	0	0	0.07734182
FY 2011	8	0	0	0	0.086912461
FY 2011	9	0	0	0	0.09628659
FY 2011	10	0	0	0	0.105470198
FY 2011	15	0	0	0	0.148723878
FY 2011	20	0	0	0	0.187987551
FY 2011	25	0	0	0	0.223788974
FY 2011	30	0	0	0	0.256566757
FY 2011	35	2.00017E-11	0	0	0.286688427
FY 2011	40	8.86614E-06	0	0	0.314464264
FY 2011	45	0.006400754	0	0	0.340158034
FY 2011	50	0.14805465	0	0	0.363995385

Table 15. Sensitivity analyses for potential bias of discard rates for

White Hake

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.014069478
FY 2010	1.5	0	0	0	0.019036344
FY 2010	2	0	0	0	0.023953417
FY 2010	2.5	0	0	0	0.028821443
FY 2010	3	0	0	0	0.033641151
FY 2010	3.5	0	0	0	0.038413257
FY 2010	4	0	0	0	0.043138463
FY 2010	4.5	0	0	0	0.047817458
FY 2010	5	0	0	0	0.052450915
FY 2010	6	0	0	0	0.061583851
FY 2010	7	0	0	0	0.070542412
FY 2010	8	0	0	0	0.079331545
FY 2010	9	1.85888E-11	0	0	0.087956012
FY 2010	10	4.18436E-07	0	0	0.096420397
FY 2010	15	0.586996833	0	0	0.136490174
FY 2010	20	0.997742849	2.7256E-07	0	0.173157019
FY 2010	25	0.999995224	0.030365723	0	0.206836767
FY 2010	30	0.99999998	0.589709387	0	0.237880152
FY 2010	35	1	0.958601666	0	0.266585065
FY 2010	40	1	0.997941505	0	0.293206149
FY 2010	45	1	0.999912774	0	0.317962368
FY 2010	50	1	0.999995943	0	0.341043048
FY 2011	1	0	0	0	0.002973189
FY 2011	1.5	0	0	0	0.002973189
FY 2011	2	0	0	0	0.002973189
FY 2011	2.5	0	0	0	0.002973189
FY 2011	3	0	0	0	0.002973189
FY 2011	3.5	0	0	0	0.002973189
FY 2011	4	0	0	0	0.002973189
FY 2011	4.5	9.53682E-13	0	0	0.002973189
FY 2011	5	1.17539E-06	0	0	0.002973198
FY 2011	6	0.119052855	0	0	0.003883291
FY 2011	7	0.91846837	0	0	0.009951662
FY 2011	8	0.999597598	0	0	0.010563384
FY 2011	9	0.999999491	0	0	0.010566413
FY 2011	10	1	0	0	0.010566417
FY 2011	15	1	0	0	0.010566417
FY 2011	20	1	0	0	0.010566417
FY 2011	25	1	0	0	0.010566417
FY 2011	30	1	0	0	0.010566417
FY 2011	35	1	0	0	0.010566417
FY 2011	40	1	0	0	0.010566417
FY 2011	45	1	0	0	0.010566417
FY 2011	50	1	0	0	0.010566417

Table 16. Sensitivity analyses for potential bias of discard rates for

Pollock

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	1	1	0.014145946
FY 2010	1.5	0	1	1	0.018910614
FY 2010	2	0	1	1	0.023629448
FY 2010	2.5	0	1	1	0.028303107
FY 2010	3	0	1	1	0.032932235
FY 2010	3.5	0	1	1	0.037517466
FY 2010	4	0	1	1	0.042059422
FY 2010	4.5	0	1	1	0.046558712
FY 2010	5	0	1	1	0.051015935
FY 2010	6	0	1	1	0.059806517
FY 2010	7	0	1	1	0.068435737
FY 2010	8	0	1	1	0.076907997
FY 2010	9	0	1	1	0.085227541
FY 2010	10	0	1	1	0.093398462
FY 2010	15	0	1	1	0.132157146
FY 2010	20	0	1	1	0.167737706
FY 2010	25	0	1	1	0.200515647
FY 2010	30	0	1	1	0.230809556
FY 2010	35	0	1	1	0.258891499
FY 2010	40	0	1	1	0.284995208
FY 2010	45	0	1	1	0.309322607
FY 2010	50	0	1	1	0.332049041
FY 2011	1	0	1	1	0.004055261
FY 2011	1.5	0	1	1	0.004055261
FY 2011	2	0	1	1	0.004055261
FY 2011	2.5	0	1	1	0.004055261
FY 2011	3	0	1	1	0.004055261
FY 2011	3.5	0	1	1	0.004055261
FY 2011	4	0	1	1	0.004055261
FY 2011	4.5	9.53682E-13	1	1	0.004055261
FY 2011	5	1.17539E-06	1	1	0.004055273
FY 2011	6	0.119052855	1	1	0.005275198
FY 2011	7	0.91846837	1	1	0.013390048
FY 2011	8	0.999597598	1	1	0.014206195
FY 2011	9	0.999999491	1	1	0.014210234
FY 2011	10	1	1	1	0.014210239
FY 2011	15	1	1	1	0.014210239
FY 2011	20	1	1	1	0.014210239
FY 2011	25	1	1	1	0.014210239
FY 2011	30	1	1	1	0.014210239
FY 2011	35	1	1	1	0.014210239
FY 2011	40	1	1	1	0.014210239
FY 2011	45	1	1	1	0.014210239
FY 2011	50	1	1	1	0.014210239

Table 17. Sensitivity analyses for potential bias of discard rates for

Redfish

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.072354753
FY 2010	1.5	0	0	0	0.096052906
FY 2010	2	0	0	0	0.118570409
FY 2010	2.5	0	0	0	0.139993346
FY 2010	3	0	0	0	0.160399633
FY 2010	3.5	0	0	0	0.179859964
FY 2010	4	0	0	0	0.198438623
FY 2010	4.5	0	0	0	0.216194201
FY 2010	5	0	0	0	0.233180211
FY 2010	6	0	0	0	0.265035337
FY 2010	7	0	0	0	0.294349383
FY 2010	8	0	0	0	0.321414737
FY 2010	9	0	0	0	0.34648059
FY 2010	10	0	0	0	0.369760623
FY 2010	15	0	0	0	0.46504326
FY 2010	20	0	0	0	0.535299005
FY 2010	25	6.58974E-10	0	0	0.589243553
FY 2010	30	0.000103428	4.00707E-09	0	0.63196651
FY 2010	35	0.021612193	7.58345E-05	0	0.666639483
FY 2010	40	0.226340282	0.010754979	1.88713E-11	0.695341778
FY 2010	45	0.594670204	0.127604587	3.24308E-07	0.719493362
FY 2010	50	0.849303517	0.417932454	0.000123899	0.740097005
FY 2011	1	0	0	0	0.020861833
FY 2011	1.5	0	0	0	0.020861833
FY 2011	2	0	0	0	0.020861833
FY 2011	2.5	0	0	0	0.020861833
FY 2011	3	0	0	0	0.020861833
FY 2011	3.5	0	0	0	0.020861833
FY 2011	4	0	0	0	0.020861833
FY 2011	4.5	9.53682E-13	0	0	0.020861833
FY 2011	5	1.17539E-06	0	0	0.020861891
FY 2011	6	0.119052855	0	0	0.026705034
FY 2011	7	0.91846837	0	0	0.064204124
FY 2011	8	0.999597598	0	0	0.067848871
FY 2011	9	0.999999491	0	0	0.067866855
FY 2011	10	1	0	0	0.067866878
FY 2011	15	1	0	0	0.067866878
FY 2011	20	1	0	0	0.067866878
FY 2011	25	1	0	0	0.067866878
FY 2011	30	1	0	0	0.067866878
FY 2011	35	1	0	0	0.067866878
FY 2011	40	1	0	0	0.067866878
FY 2011	45	1	0	0	0.067866878
FY 2011	50	1	0	0	0.067866878

Table 18. Sensitivity analyses for potential bias of discard rates for

SNE/MA Winter Flounder

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.824317408
FY 2010	1.5	0	0	0	0.863950509
FY 2010	2	0	0	0	0.888993101
FY 2010	2.5	0	0	0	0.906249694
FY 2010	3	0	0	0	0.918862877
FY 2010	3.5	0	0	0	0.928484575
FY 2010	4	0	0	0	0.936066205
FY 2010	4.5	0	0	0	0.942194403
FY 2010	5	0	0	0	0.947250556
FY 2010	6	0	0	0	0.955104427
FY 2010	7	0	0	0	0.960922658
FY 2010	8	0	0	0	0.965405875
FY 2010	9	0	0	0	0.968966274
FY 2010	10	0	0	0	0.971862194
FY 2010	15	2.73661E-11	1.9984E-15	0	0.980813949
FY 2010	20	0.045516107	0.003790535	0	0.985444601
FY 2010	25	0.896691327	0.682783567	0	0.988274589
FY 2010	30	0.999413187	0.995162035	0	0.990183248
FY 2010	35	0.999998479	0.999979588	0	0.991557513
FY 2010	40	0.999999995	0.999999921	4.29823E-11	0.992594257
FY 2010	45	1	1	8.21063E-06	0.993404223
FY 2010	50	1	1	0.005230755	0.994054484
FY 2011	1	0	0	0	0.893444757
FY 2011	1.5	0	0	0	0.893444757
FY 2011	2	0	0	0	0.893444757
FY 2011	2.5	0	0	0	0.893444757
FY 2011	3	0	0	0	0.893444757
FY 2011	3.5	0	0	0	0.893444757
FY 2011	4	0	0	0	0.893444757
FY 2011	4.5	9.53682E-13	0	0	0.893444757
FY 2011	5	1.17539E-06	0	0	0.893445019
FY 2011	6	0.119052855	0	0	0.914673368
FY 2011	7	0.91846837	0	0	0.96350075
FY 2011	8	0.999597598	0	0	0.965504075
FY 2011	9	0.999999491	0	0	0.965513452
FY 2011	10	1	0	0	0.965513464
FY 2011	15	1	0	0	0.965513464
FY 2011	20	1	0	0	0.965513464
FY 2011	25	1	0	0	0.965513464
FY 2011	30	1	0	0	0.965513464
FY 2011	35	1	0	0	0.965513464
FY 2011	40	1	0	0	0.965513464
FY 2011	45	1	0	0	0.965513464
FY 2011	50	1	0	0	0.965513464

Table 19. Sensitivity analyses for potential bias of discard rates for

Southern Windowpane

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.99764371
FY 2010	1.5	0	0	0	0.99819732
FY 2010	2	0	0	0	0.998540281
FY 2010	2.5	0	0	0	0.998773604
FY 2010	3	0	0	0	0.998942617
FY 2010	3.5	0	0	0	0.999070688
FY 2010	4	0	0	0	0.999171087
FY 2010	4.5	1.34E-10	1.52434E-13	0	0.999251907
FY 2010	5	1.36421E-06	1.206E-08	0	0.999318367
FY 2010	6	0.014830571	0.001696973	0	0.999421207
FY 2010	7	0.37496742	0.164847556	4.44459E-08	0.999497083
FY 2010	8	0.865811192	0.700854296	0.000419713	0.999555372
FY 2010	9	0.98732848	0.956959077	0.040215145	0.999601552
FY 2010	10	0.999191679	0.996341956	0.324030941	0.999639042
FY 2010	15	0.999999999	0.999999992	0.999785967	0.999754525
FY 2010	20	1	1	0.999999987	0.999814025
FY 2010	25	1	1	1	0.999850309
FY 2010	30	1	1	1	0.999874746
FY 2010	35	1	1	1	0.999892324
FY 2010	40	1	1	1	0.999905575
FY 2010	45	1	1	1	0.999915922
FY 2010	50	1	1	1	0.999924226
FY 2011	1	0	0	0	0.998055167
FY 2011	1.5	0	0	0	0.998535676
FY 2011	2	0	0	0	0.998825788
FY 2011	2.5	1.43397E-06	1.26369E-08	0	0.999019954
FY 2011	3	0.010489729	0.001059266	0	0.999159018
FY 2011	3.5	0.299266108	0.11581861	7.55031E-09	0.999263521
FY 2011	4	0.805431703	0.604729053	0.000105734	0.999344923
FY 2011	4.5	0.975723158	0.924530714	0.016222601	0.999410121
FY 2011	5	0.99802734	0.991685348	0.1958559	0.999463516
FY 2011	6	0.999990816	0.999945794	0.868267385	0.999545752
FY 2011	7	0.999999946	0.999999637	0.994883387	0.999606128
FY 2011	8	0.999999999	0.999999996	0.999882097	0.999652337
FY 2011	9	1	1	0.999997362	0.999688842
FY 2011	10	1	1	0.999999929	0.999718409
FY 2011	15	1	1	1	0.999809106
FY 2011	20	1	1	1	0.999855612
FY 2011	25	1	1	1	0.999883897
FY 2011	30	1	1	1	0.999902915
FY 2011	35	1	1	1	0.99991658
FY 2011	40	1	1	1	0.999926873
FY 2011	45	1	1	1	0.999934905
FY 2011	50	1	1	1	0.999941347

Table 20. Sensitivity analyses for potential bias of discard rates for

Northern Windowpane

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0.194999846	0.097525757	6.84081E-06	0.998041731
FY 2010	1.5	0.934701064	0.884062256	0.154361287	0.9985726
FY 2010	2	0.997882182	0.995500093	0.809507717	0.998877027
FY 2010	2.5	0.999904208	0.999788954	0.982044341	0.999074428
FY 2010	3	0.999992794	0.999984381	0.998418823	0.999212804
FY 2010	3.5	0.999999149	0.999998219	0.999829176	0.999315186
FY 2010	4	0.999999856	0.999999709	0.999976041	0.999394002
FY 2010	4.5	0.999999967	0.999999937	0.999995689	0.999456548
FY 2010	5	0.999999991	0.999999983	0.999999035	0.999507391
FY 2010	6	0.999999999	0.999999998	0.999999918	0.999585036
FY 2010	7	1	1	0.999999988	0.999641537
FY 2010	8	1	1	0.999999997	0.999684495
FY 2010	9	1	1	0.999999999	0.999718259
FY 2010	10	1	1	1	0.999745495
FY 2010	15	1	1	1	0.999828426
FY 2010	20	1	1	1	0.999870593
FY 2010	25	1	1	1	0.999896123
FY 2010	30	1	1	1	0.999913239
FY 2010	35	1	1	1	0.999925513
FY 2010	40	1	1	1	0.999934744
FY 2010	45	1	1	1	0.99994194
FY 2010	50	1	1	1	0.999947706
FY 2011	1	0.410835291	0.220942894	2.3888E-06	0.999997123
FY 2011	1.5	0.996356911	0.988837413	0.306429213	0.999997889
FY 2011	2	0.999993723	0.999974715	0.967816983	0.999998332
FY 2011	2.5	0.999999977	0.999999904	0.999645414	0.999998622
FY 2011	3	1	0.999999999	0.999996037	0.999998826
FY 2011	3.5	1	1	0.999999932	0.999998977
FY 2011	4	1	1	0.999999998	0.999999094
FY 2011	4.5	1	1	1	0.999999187
FY 2011	5	1	1	1	0.999999262
FY 2011	6	1	1	1	0.999999378
FY 2011	7	1	1	1	0.999999462
FY 2011	8	1	1	1	0.999999527
FY 2011	9	1	1	1	0.999999577
FY 2011	10	1	1	1	0.999999618
FY 2011	15	1	1	1	0.999999742
FY 2011	20	1	1	1	0.999999805
FY 2011	25	1	1	1	0.999999844
FY 2011	30	1	1	1	0.999999869
FY 2011	35	1	1	1	0.999999888
FY 2011	40	1	1	1	0.999999902
FY 2011	45	1	1	1	0.999999913
FY 2011	50	1	1	1	0.999999921

Table 21. Sensitivity analyses for potential bias of discard rates for

Ocean Pout

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.998953057
FY 2010	1.5	0	0	0	0.998953057
FY 2010	2	0	0	0	0.998953057
FY 2010	2.5	0	0	0	0.998953057
FY 2010	3	0	0	0	0.998953057
FY 2010	3.5	0	0	0	0.998953057
FY 2010	4	0	0	0	0.998953057
FY 2010	4.5	0	0	0	0.998953057
FY 2010	5	0	0	0	0.998953057
FY 2010	6	0	0	0	0.998953057
FY 2010	7	0	0	0	0.998953057
FY 2010	8	0	0	0	0.998953057
FY 2010	9	0	0	0	0.998953057
FY 2010	10	0	0	0	0.998953057
FY 2010	15	0	0	0	0.998953057
FY 2010	20	0	0	0	0.998953057
FY 2010	25	0	0	0	0.998953057
FY 2010	30	0	0	0	0.998953057
FY 2010	35	0	0	0	0.998953057
FY 2010	40	0	0	0	0.998953057
FY 2010	45	0	0	0	0.998953057
FY 2010	50	0	0	0	0.998953057
FY 2011	1	0	0	0	0.999925961
FY 2011	1.5	0	0	0	0.999945644
FY 2011	2	0	0	0	0.99995706
FY 2011	2.5	0	0	0	0.999964513
FY 2011	3	1.41878E-11	2.66454E-15	0	0.999969761
FY 2011	3.5	2.71448E-06	1.3456E-08	0	0.999973657
FY 2011	4	0.001739302	6.69727E-05	0	0.999976664
FY 2011	4.5	0.051563183	0.007445873	5.21462E-11	0.999979055
FY 2011	5	0.281548755	0.09535908	3.53354E-07	0.999981001
FY 2011	6	0.84850927	0.660713626	0.003862774	0.999983978
FY 2011	7	0.986172697	0.952539617	0.160891571	0.999986149
FY 2011	8	0.999013606	0.99567633	0.61127726	0.999987802
FY 2011	9	0.999926503	0.999634231	0.900498011	0.999989102
FY 2011	10	0.999993573	0.999966164	0.981825763	0.999990152
FY 2011	15	0.999999999	0.999999997	0.99999742	0.999993353
FY 2011	20	1	1	0.999999997	0.999994984
FY 2011	25	1	1	1	0.999995972
FY 2011	30	1	1	1	0.999996635
FY 2011	35	1	1	1	0.999997111
FY 2011	40	1	1	1	0.999997468
FY 2011	45	1	1	1	0.999997747
FY 2011	50	1	1	1	0.999997971

Table 22. Sensitivity analyses for potential bias of discard rates for

Halibut

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.746720531
FY 2010	1.5	0	0	0	0.800519046
FY 2010	2	0	0	0	0.835467104
FY 2010	2.5	0	0	0	0.859995233
FY 2010	3	0	0	0	0.878158972
FY 2010	3.5	1.71279E-06	4.02486E-08	0	0.892150939
FY 2010	4	0.020214676	0.003581724	0	0.903260321
FY 2010	4.5	0.504772756	0.287011569	0	0.912294719
FY 2010	5	0.954416796	0.878727638	0	0.919785822
FY 2010	6	0.999989487	0.999931864	9.2093E-12	0.931489149
FY 2010	7	1	0.999999995	0.000388884	0.940212242
FY 2010	8	1	1	0.21023699	0.946964897
FY 2010	9	1	1	0.885686581	0.952347006
FY 2010	10	1	1	0.997641555	0.956737383
FY 2010	15	1	1	1	0.970381484
FY 2010	20	1	1	1	0.977482896
FY 2010	25	1	1	1	0.981837568
FY 2010	30	1	1	1	0.984780858
FY 2010	35	1	1	1	0.986903237
FY 2010	40	1	1	1	0.988506112
FY 2010	45	1	1	1	0.989759427
FY 2010	50	1	1	1	0.990766288
FY 2011	1	0	0	0	0.746477137
FY 2011	1.5	0	0	0	0.800129797
FY 2011	2	0.000177565	1.84759E-05	0	0.835040026
FY 2011	2.5	0.33517741	0.188498989	0	0.859568435
FY 2011	3	0.962978204	0.918718479	0	0.877746663
FY 2011	3.5	0.999694431	0.998989614	4.76711E-09	0.891758086
FY 2011	4	0.999998644	0.999994355	0.000307346	0.90288806
FY 2011	4.5	0.999999994	0.999999971	0.056314176	0.911942566
FY 2011	5	1	1	0.463994485	0.919452627
FY 2011	6	1	1	0.985994165	0.931189725
FY 2011	7	1	1	0.999944174	0.939941284
FY 2011	8	1	1	0.999999857	0.946717908
FY 2011	9	1	1	1	0.952120329
FY 2011	10	1	1	1	0.956528071
FY 2011	15	1	1	1	0.970230694
FY 2011	20	1	1	1	0.977365294
FY 2011	25	1	1	1	0.981741242
FY 2011	30	1	1	1	0.984699311
FY 2011	35	1	1	1	0.986832547
FY 2011	40	1	1	1	0.988443732
FY 2011	45	1	1	1	0.98970361
FY 2011	50	1	1	1	0.990715787

Table 23. Sensitivity analyses for potential bias of discard rates for

Wolffish

Fishing Year	Discard bias Adjustment Factor	P(C>ACL)	P(C>ABC)	P(C>OFL)	Discards/ Catch
FY 2010	1	0	0	0	0.987175596
FY 2010	1.5	0	0	0	0.990539944
FY 2010	2	0	0	0	0.992505934
FY 2010	2.5	0	0	0	0.993795379
FY 2010	3	0	0	0	0.994706235
FY 2010	3.5	1.21014E-14	0	0	0.995383893
FY 2010	4	2.61161E-07	2.02897E-11	0	0.995907745
FY 2010	4.5	0.001618816	6.3302E-06	4.05906E-11	0.996324818
FY 2010	5	0.104541618	0.005454697	3.73506E-06	0.996664739
FY 2010	6	0.907605671	0.594383223	0.081939438	0.997185391
FY 2010	7	0.999332632	0.988349447	0.804704636	0.99756544
FY 2010	8	0.999998269	0.99993151	0.994943435	0.997855064
FY 2010	9	0.999999996	0.999999754	0.999955708	0.998083105
FY 2010	10	1	0.999999999	0.999999725	0.998267317
FY 2010	15	1	1	1	0.99882966
FY 2010	20	1	1	1	0.999116425
FY 2010	25	1	1	1	0.999290316
FY 2010	30	1	1	1	0.999407018
FY 2010	35	1	1	1	0.999490758
FY 2010	40	1	1	1	0.999553774
FY 2010	45	1	1	1	0.999602911
FY 2010	50	1	1	1	0.9996423
FY 2011	1	0	0	0	0.999727444
FY 2011	1.5	0	0	0	0.999799636
FY 2011	2	1.92006E-09	3.28626E-14	0	0.999841594
FY 2011	2.5	0.010022742	0.000129414	8.25121E-09	0.999869021
FY 2011	3	0.575223385	0.172944436	0.004132885	0.999888353
FY 2011	3.5	0.980255079	0.858170498	0.341552733	0.999902712
FY 2011	4	0.999769973	0.995710395	0.905989889	0.999913798
FY 2011	4.5	0.999998356	0.999944829	0.996414026	0.999922616
FY 2011	5	0.999999989	0.999999457	0.999929566	0.999929798
FY 2011	6	1	1	0.999999983	0.999940788
FY 2011	7	1	1	1	0.999948803
FY 2011	8	1	1	1	0.999954907
FY 2011	9	1	1	1	0.99995971
FY 2011	10	1	1	1	0.999963589
FY 2011	15	1	1	1	0.99997542
FY 2011	20	1	1	1	0.999981448
FY 2011	25	1	1	1	0.999985102
FY 2011	30	1	1	1	0.999987553
FY 2011	35	1	1	1	0.999989312
FY 2011	40	1	1	1	0.999990635
FY 2011	45	1	1	1	0.999991667
FY 2011	50	1	1	1	0.999992494

APPENDIX E

Table E.1: RELEVANT INFORMATION

ITEM	DEFINITION
(a)	These data are the best available to NOAA's National Marine Fisheries Service (NMFS) when this report was compiled. Data for this report may be supplied to NOAA Fisheries Service (NMFS) from the following sources: (1) vessels via Vessel Monitoring System; (2) Vessel Trip Reports; (3) fish dealer purchase reports; and the (4) NOAA Fisheries Service Observer Program, through audited observer reports submitted by the Northeast Fisheries Science Center. Data in this report are for landings made through April 30 2012 and may be preliminary. Differences with data from previous reports are due to corrections made to the database and updates to observer data.
(b)	Data has been truncated due to confidentiality. Refer to Appendix G for more details.
(c)	Estimates for attributes are at the individual row level.
(d)	A subtrip is not necessarly unique to an individual strata (row) except in the case of unit stocks (Plaice, Witch Flounder,White Hake,Pollock,Redfish,Ocean Pout,Halibut,and Wolffish)

Table E.2: VARIABLE DEFINITIONS

ITEM	DEFINITION
Fishing Year	Groundfish fishing year which spans from May 1 of the year through April 30 of the following year
Stock	Allocated and Non-allocated Groundfish Stock
Gear	Vessel Gear Type
Sector	Sector Name
Number Vessels	Number unique vessels
Subtrips	Number of subtrips
Subtrips Observed	Number of subtrips observed
Subtrips Observed Percent	Percent of subtrips observed
Discard Ratio	Estimated Discard Ratio from observed trips: Discard Observed / Kept Observed
Discard Ratio Variance	Variance of the estimated discard ratio
CV	Realized Coefficient of Variation : (Discard Ratio Variance)ˆ0.5 / Discard Ratio
Subtrips CV30	Estimated number of subtrips required for a coefficient of variation of 30 percent
Subtrips CV30 Percent	Estimated percent of subtrips required for a coefficient of variation of 30 percent
Stock Landings	Stock live pounds landed
Kept All	Total live pounds of all species landed
Kept Observed	Live pounds of all species landed on observed trips
Discard Observed	Observed stock discard
Discard Unobserved	Estimated Discard on un-observed trips: Discard Ratio * Kept All
Days	Actual time absent on a fishing trip in days
Days Full	Sum of time absent on a fishing trips rounded to the full day: Example A trip of 1.1 days = 2 days
Days Observed	Actual time absent of observed fishing trips in days
Days Observed Full	Sum of time absent of observed fishing trips rounded to the full day

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1	2010	GB Cod East	Bottom Longline	7	56	12	21.43	0.03	0.00	0.13	3	5.36	174099	490159	84828.00	2375.00	13723	107.20	123	22.70	25
2	2010	GB Cod East	Haddock Otter Trawl	39	161	60	37.27	0.00	0.00	0.23	41	25.47	83015	2525943	808266.80	1766.00	5519	1051.90	1118	462.50	498
3	2010	GB Cod East	Bottom Otter Trawl	86	237	61	25.74	0.01	0.00	0.20	32	13.50	277748	3288845	437918.80	2219.00	16665	1574.60	1685	440.20	471
4	2010	GB Cod East	Ruhle Trawl	4	5	5	100.00	0.00	0.00	0.00	0	0.00	1109	31981	60788.40	261.00	137	23.80	26	35.70	38
5	2010	GB Cod West	Extra Large Mesh Gillnet	72	1307	442	33.82	0.00	0.00	0.24	322	24.64	10302	8388584	2552529.00	490.00	1610	727.50	1624	245.50	546
6	2010	GB Cod West	Large Mesh Gillnet	30	644	245	38.04	0.01	0.00	0.09	32	4.97	397708	2339695	572850.30	8366.00	34169	311.70	704	135.60	279
7	2010	GB Cod West	Handline	5	97	54	55.67	0.01	0.00	0.33	59	60.82	17873	175064	32889.10	219.00	1166	44.00	105	21.90	61
8	2010	GB Cod West	Bottom Longline	18	226	109	48.23	0.00	0.00	0.20	65	28.76	45557	751329	374177.40	1626.00	3265	144.50	285	77.30	143
9	2010	GB Cod West	Haddock Otter Trawl	49	189	104	55.03	0.00	0.00	0.21	73	38.62	403841	4599601	1869073.50	8008.00	19707	1012.40	1090	720.60	776
10	2010	GB Cod West	Bottom Otter Trawl	364	2638	753	28.54	0.00	0.00	0.08	73	2.77	4496473	37170217	9010098.20	41334.00	170519	8664.30	9806	3004.30	3404
11	2010	GB Cod West	Ruhle Trawl	11	25	25	100.00	0.00	0.00	0.00	0	0.00	17422	564197	389678.30	1170.00	1694	125.60	133	168.80	179
12	2010	GOM Cod	Extra Large Mesh Gillnet	57	1001	363	36.26	0.01	0.00	0.20	197	19.68	492466	3125062	586206.50	4189.00	22332	589.00	1212	205.50	423
13	2010	GOM Cod	Large Mesh Gillnet	111	3387	1235	36.46	0.00	0.00	0.04	40	1.18	2919058	8850943	3127445.70	12337.00	34915	1767.40	4007	715.40	1480
14	2010	GOM Cod	Handline	10	34	26	76.47	0.13	0.00	0.13	13	38.24	46005	43100	28571.40	3789.00	5716	30.70	47	13.30	26
15	2010	GOM Cod	Bottom Longline	21	232	67	28.88	0.07	0.00	0.15	23	9.91	192764	379604	90243.10	6731.00	28314	128.60	256	34.90	68
16	2010	GOM Cod	Haddock Otter Trawl	6	31	31	100.00	0.00	0.00	0.00	0	0.00	28163	139582	257901.50	421.00	228	92.20	99	229.70	246
17	2010	GOM Cod	Bottom Otter Trawl	229	2787	910	32.65	0.00	0.00	0.08	86	3.09	4074728	20609024	6106594.60	23806.00	80342	5384.50	6832	1955.10	2441
18	2010	Plaice	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.22	502	21.75	6620	11513645	3138735.50	125.00	459	1316.50	2836	448.50	966
19	2010	Plaice	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.10	236	5.85	11668	11190638	3700296.00	2000.00	6049	2062.20	4691	833.80	1739
20	2010	Plaice	Handline	15	131	80	61.07	0.00	0.00	0.00	0	0.00	4	218081	61460.50	0.00	0	74.70	152	35.30	87
21	2010	Plaice	Bottom Longline	46	514	185	35.99	0.00	0.00	0.34	213	41.44	111	1618233	549248.50	10.00	29	375.50	658	130.00	230
22	2010	Plaice	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.34	144	39.56	46766	7088786	2935241.80	6323.00	15270	1620.40	1740	871.80	937
23	2010	Plaice	Bottom Otter Trawl	679	5662	1466	25.89	0.01	0.00	0.05	49	0.87	2840723	60792463	15554611.60	91493.00	357584	11736.10	14120	3840.30	4626
24	2010	Plaice	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	6150	606283	450466.70	155.00	209	145.80	155	181.20	193
25	2010	GB Winter Flounder	Bottom Longline	14	84	34	40.48	0.00	0.00	0.42	49	58.33	962	617753	145592.00	15.00	64	139.20	166	50.80	62
26	2010	GB Winter Flounder	Haddock Otter Trawl	66	267	108	40.45	0.00	0.00	0.29	104	38.95	173773	5358570	2151726.10	729.00	1815	1387.40	1478	784.50	842
27	2010	GB Winter Flounder	Bottom Otter Trawl	244	1215	256	21.07	0.00	0.00	0.17	98	8.07	2881971	22265522	4143122.40	7811.00	41977	5745.00	6181	1803.90	1939
28	2010	GB Winter Flounder	Ruhle Trawl	14	25	25	100.00	0.00	0.00	0.00	0	0.00	12803	523354	449900.50	48.00	56	136.90	145	164.50	175
29	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	57	1001	363	36.26	0.00	0.00	0.44	553	55.24	8343	3125062	586206.50	10.00	53	589.00	1212	205.50	423
30	2010	GOM Winter Flounder	Large Mesh Gillnet	111	3387	1235	36.46	0.00	0.00	0.10	217	6.41	47990	8850943	3127445.70	202.00	572	1767.40	4007	715.40	1480
31	2010	GOM Winter Flounder	Handline	10	34	26	76.47	0.00	0.00	0.00	0	0.00	0	43017	28571.40	0.00	0	30.70	47	13.30	26
32	2010	GOM Winter Flounder	Bottom Longline	21	232	67	28.88	0.00	0.00	0.00	0	0.00	4	376745	90243.10	0.00	0	128.60	256	34.90	68
33	2010	GOM Winter Flounder	Haddock Otter Trawl	6	31	31	100.00	0.00	0.00	0.00	0	0.00	285	139582	257901.50	0.00	0	92.20	99	229.70	246
34	2010	GOM Winter Flounder	Bottom Otter Trawl	229	2787	910	32.65	0.00	0.00	0.13	237	8.50	117615	20609024	6106594.60	862.50	2911	5384.50	6832	1955.10	2441
35	2010	Witch Flounder	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.27	707	30.63	27849	11513645	3138735.50	38.00	139	1316.50	2836	448.50	966
36	2010	Witch Flounder	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.09	195	4.84	6595	11190638	3700296.00	235.00	711	2062.20	4691	833.80	1739
37	2010	Witch Flounder	Handline	15	131	80	61.07	0.00	0.00	0.00	0	0.00	4	218081	61460.50	0.00	0	74.70	152	35.30	87
38	2010	Witch Flounder	Bottom Longline	46	514	185	35.99	0.00	0.00	0.00	0	0.00	0	1618233	549248.50	0.00	0	375.50	658	130.00	230
39	2010	Witch Flounder	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.25	94	25.82	53670	7095878	2935241.80	1566.00	3786	1620.40	1740	871.80	937
40	2010	Witch Flounder	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.06	68	1.20	1327555	60756100	15554611.60	31639.00	123582	11736.10	14120	3840.30	4626
41	2010	Witch Flounder	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	6240	620200	450466.70	44.00	61	145.80	155	181.20	193
42	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	80	1756	679	38.67	0.00	0.00	0.30	683	38.90	20995	8121214	2320850.60	180.00	630	816.90	1987	311.70	744
43	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	132	4009	1470	36.67	0.00	0.00	0.11	267	6.66	230100	11075781	3667314.90	7759.00	23433	2034.90	4654	823.00	1726
44	2010	CC/GOM Yellowtail Flounder	Handline	13	129	78	60.47	0.00	0.00	0.00	0	0.00	0	217256	60413.60	0.00	0	72.70	149	32.00	82
45	2010	CC/GOM Yellowtail Flounder	Bottom Longline	30	428	166	38.79	0.00	0.00	0.78	348	81.31	6	997213	403656.50	4.00	10	243.40	501	96.90	191

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
46	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	22	88	66	75.00	0.00	0.00	0.15	39	44.32	21368	1753735	772502.70	184.00	418	497.30	543	455.10	491
47	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	312	3645	1056	28.97	0.00	0.00	0.10	170	4.66	838093	31575564	8739439.40	30911.00	111681	7674.00	9369	2724.30	3281
48	2010	GB Yellowtail Flounder	Bottom Longline	14	84	34	40.48	0.00	0.00	0.55	59	70.24	99	617753	145592.00	3.00	13	139.20	166	50.80	62
49	2010	GB Yellowtail Flounder	Haddock Otter Trawl	66	267	108	40.45	0.01	0.00	0.16	44	16.48	73752	5410277	2151726.10	10891.00	27384	1387.40	1478	784.50	842
50	2010	GB Yellowtail Flounder	Bottom Otter Trawl	244	1215	256	21.07	0.01	0.00	0.13	61	5.02	1405915	22319132	4143122.40	24973.00	134530	5745.00	6181	1803.90	1939
51	2010	GB Yellowtail Flounder	Ruhle Trawl	14	25	25	100.00	0.00	0.00	0.00	0	0.00	23925	577392	449900.50	599.00	769	136.90	145	164.50	175
52	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	48	551	125	22.69	0.00	0.00	0.38	177	32.12	3	3371525	817884.90	10.00	41	492.40	841	136.80	222
53	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	7	19	4	21.05	0.00	0.00	0.00	0	0.00	21	69331	7791.00	0.00	0	14.20	23	3.40	5
54	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	6	9	2	22.22	0.00	0.00	0.03	1	11.11	563	64529	11013.00	14.00	82	22.70	27	13.90	15
55	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	123	802	292	36.41	0.00	0.00	0.13	75	9.35	322419	6945182	2672049.80	2978.00	7740	1136.00	1589	340.90	507
56	2010	GB Haddock East	Bottom Longline	7	56	12	21.43	0.02	0.00	0.28	11	19.64	311731	490159	84828.00	1444.00	8344	107.20	123	22.70	25
57	2010	GB Haddock East	Haddock Otter Trawl	39	161	60	37.27	0.01	0.00	0.15	21	13.04	2052290	2523889	808266.80	6179.00	19295	1051.90	1118	462.50	498
58	2010	GB Haddock East	Bottom Otter Trawl	86	237	61	25.74	0.00	0.00	0.27	54	22.78	1675800	3313850	437918.80	932.00	7053	1574.60	1685	440.20	471
59	2010	GB Haddock East	Ruhle Trawl	4	5	5	100.00	0.01	0.00	0.00	0	0.00	25373	31981	60788.40	307.00	162	23.80	26	35.70	38
60	2010	GB Haddock West	Extra Large Mesh Gillnet	72	1307	442	33.82	0.00	0.00	0.35	542	41.47	1075	8388584	2552529.00	102.00	335	727.50	1624	245.50	546
61	2010	GB Haddock West	Large Mesh Gillnet	30	644	245	38.04	0.00	0.00	0.15	90	13.98	57824	2339695	572850.30	902.00	3684	311.70	704	135.60	279
62	2010	GB Haddock West	Handline	5	97	54	55.67	0.00	0.00	0.00	0	0.00	195	175064	32889.10	0.00	0	44.00	105	21.90	61
63	2010	GB Haddock West	Bottom Longline	18	226	109	48.23	0.01	0.00	0.21	73	32.30	384059	751329	374177.40	2303.00	4624	144.50	285	77.30	143
64	2010	GB Haddock West	Haddock Otter Trawl	49	189	104	55.03	0.00	0.00	0.31	107	56.61	3257160	4624907	1869073.50	5289.00	13087	1012.40	1090	720.60	776
65	2010	GB Haddock West	Bottom Otter Trawl	364	2638	753	28.54	0.00	0.00	0.15	240	9.10	10088771	37126269	9010098.20	6776.00	27921	8664.30	9806	3004.30	3404
66	2010	GB Haddock West	Ruhle Trawl	11	25	25	100.00	0.00	0.00	0.00	0	0.00	516787	570683	389678.30	983.00	1440	125.60	133	168.80	179
67	2010	GOM Haddock	Extra Large Mesh Gillnet	57	1001	363	36.26	0.00	0.00	0.20	197	19.68	5238	3125062	586206.50	149.00	794	589.00	1212	205.50	423
68	2010	GOM Haddock	Large Mesh Gillnet	111	3387	1235	36.46	0.00	0.00	0.11	232	6.85	96403	8850943	3127445.70	582.00	1647	1767.40	4007	715.40	1480
69	2010	GOM Haddock	Handline	10	34	26	76.47	0.00	0.00	0.00	0	0.00	49	43017	28571.40	0.00	0	30.70	47	13.30	26
70	2010	GOM Haddock	Bottom Longline	21	232	67	28.88	0.00	0.00	0.29	64	27.59	107659	376745	90243.10	104.00	434	128.60	256	34.90	68
71	2010	GOM Haddock	Haddock Otter Trawl	6	31	31	100.00	0.00	0.00	0.00	0	0.00	6656	139582	257901.50	283.00	153	92.20	99	229.70	246
72	2010	GOM Haddock	Bottom Otter Trawl	229	2787	910	32.65	0.00	0.00	0.19	469	16.83	589864	20609024	6106594.60	747.00	2521	5384.50	6832	1955.10	2441
73	2010	White Hake	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.27	707	30.63	90090	11513645	3138735.50	422.00	1548	1316.50	2836	448.50	966
74	2010	White Hake	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.18	683	16.94	585178	11190638	3700296.00	5012.00	15158	2062.20	4691	833.80	1739
75	2010	White Hake	Handline	15	131	80	61.07	0.00	0.00	0.00	0	0.00	0	218081	61460.50	0.00	0	74.70	152	35.30	87
76	2010	White Hake	Bottom Longline	46	514	185	35.99	0.00	0.00	0.24	139	27.04	13492	1618233	549248.50	713.00	2101	375.50	658	130.00	230
77	2010	White Hake	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.17	53	14.56	113554	7117630	2935241.80	819.00	1986	1620.40	1740	871.80	937
78	2010	White Hake	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.12	282	4.98	3973436	60765504	15554611.60	12138.00	47418	11736.10	14120	3840.30	4626
79	2010	White Hake	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	6157	643894	450466.70	20.00	29	145.80	155	181.20	193
80	2010	Pollock	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.18	384	16.64	281689	11513645	3138735.50	1794.00	6581	1316.50	2836	448.50	966
81	2010	Pollock	Large Mesh Gillnet	141	4031	1475	36.59	0.01	0.00	0.13	375	9.30	3236858	11190638	3700296.00	35159.00	106330	2062.20	4691	833.80	1739
82	2010	Pollock	Handline	15	131	80	61.07	0.00	0.00	0.58	113	86.26	8554	218081	61460.50	55.00	195	74.70	152	35.30	87
83	2010	Pollock	Bottom Longline	46	514	185	35.99	0.00	0.00	0.46	291	56.61	3092	1618233	549248.50	35.00	103	375.50	658	130.00	230
84	2010	Pollock	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.27	105	28.85	618426	7097329	2935241.80	4320.00	10446	1620.40	1740	871.80	937
85	2010	Pollock	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.12	285	5.03	7608565	60822724	15554611.60	11626.00	45461	11736.10	14120	3840.30	4626
86	2010	Pollock	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	29885	618035	450466.70	12.00	16	145.80	155	181.20	193
87	2010	Redfish	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.45	1250	54.16	5747	11513645	3138735.50	35.00	128	1316.50	2836	448.50	966
88	2010	Redfish	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.22	942	23.37	108352	11190638	3700296.00	2666.00	8063	2062.20	4691	833.80	1739
89	2010	Redfish	Handline	15	131	80	61.07	0.00	0.00	0.64	115	87.79	2	218081	61460.50	2.00	7	74.70	152	35.30	87
90	2010	Redfish	Bottom Longline	46	514	185	35.99	0.00	0.00	0.27	162	31.52	3189	1618233	549248.50	30.00	88	375.50	658	130.00	230

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
91	2010	Redfish	Haddock Otter Trawl	94	364	123	33.79	0.01	0.00	0.36	152	41.76	182483	7089941	2935241.80	15200.00	36715	1620.40	1740	871.80	937
92	2010	Redfish	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.13	359	6.34	3902898	60740138	15554611.60	73710.00	287835	11736.10	14120	3840.30	4626
93	2010	Redfish	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	64551	593845	450466.70	0.00	0	145.80	155	181.20	193
94	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	71	1306	442	33.84	0.00	0.00	0.68	945	72.36	5	8367677	2552529.00	270.00	885	720.20	1616	245.50	546
95	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	28	641	243	37.91	0.00	0.00	0.10	41	6.40	14	2294169	547660.20	1436.50	6018	292.90	684	119.00	261
96	2010	SNE/MA Winter Flounder	Handline	4	96	52	54.17	0.00	0.00	0.00	0	0.00	2	175064	32168.70	0.00	0	42.30	103	18.70	56
97	2010	SNE/MA Winter Flounder	Bottom Longline	11	198	100	50.51	0.00	0.00	0.50	147	74.24	1	623736	313413.40	9.00	18	117.10	249	62.60	124
98	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	22	83	53	63.86	0.00	0.00	0.37	61	73.49	109	1561597	525614.20	1046.50	3109	476.60	523	346.50	375
99	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	206	1660	621	37.41	0.00	0.00	0.08	75	4.52	17121	17891389	5304894.60	20969.00	70720	5281.00	6159	2113.30	2443
100	2010	Southern Windowpane	Extra Large Mesh Gillnet	48	551	125	22.69	0.00	0.00	0.89	397	72.05	0	3371525	817884.90	3.00	12	492.40	841	136.80	222
101	2010	Southern Windowpane	Large Mesh Gillnet	7	19	4	21.05	0.00	0.00	1.01	15	78.95	0	69331	7791.00	2.00	18	14.20	23	3.40	5
102	2010	Southern Windowpane	Haddock Otter Trawl	6	9	2	22.22	0.00	0.00	0.03	1	11.11	0	64529	11013.00	27.00	158	22.70	27	13.90	15
103	2010	Southern Windowpane	Bottom Otter Trawl	123	802	292	36.41	0.01	0.00	0.08	35	4.36	243	6945182	2672049.80	39511.00	102697	1136.00	1589	340.90	507
104	2010	Northern Windowpane	Extra Large Mesh Gillnet	81	1757	679	38.65	0.00	0.00	0.29	663	37.73	0	8142121	2320850.60	49.00	172	824.20	1995	311.70	744
105	2010	Northern Windowpane	Large Mesh Gillnet	134	4012	1471	36.67	0.00	0.00	0.13	400	9.97	91	11121307	3692505.00	596.00	1795	2048.00	4668	830.30	1734
106	2010	Northern Windowpane	Handline	14	130	80	61.54	0.00	0.00	0.00	0	0.00	0	217256	61134.00	0.00	0	74.50	151	35.30	87
107	2010	Northern Windowpane	Bottom Longline	44	512	185	36.13	0.00	0.00	0.00	0	0.00	24	1614965	549248.50	0.00	0	374.50	656	130.00	230
108	2010	Northern Windowpane	Haddock Otter Trawl	88	355	123	34.65	0.00	0.00	0.17	51	14.37	23	6923193	2924228.80	9241.00	21878	1605.00	1721	871.80	937
109	2010	Northern Windowpane	Bottom Otter Trawl	556	4860	1186	24.40	0.01	0.00	0.14	306	6.30	489	53718141	12882561.80	70642.00	294565	10899.80	12854	3581.00	4206
110	2010	Northern Windowpane	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	0	593845	450430.20	867.00	1143	145.80	155	181.20	193
111	2010	Ocean Pout	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.39	1085	47.01	0	11513645	3138735.50	48.00	176	1316.50	2836	448.50	966
112	2010	Ocean Pout	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.19	737	18.28	13	11190638	3700296.00	126.00	381	2062.20	4691	833.80	1739
113	2010	Ocean Pout	Handline	15	131	80	61.07	0.00	0.00	0.00	0	0.00	0	218081	61460.50	0.00	0	74.70	152	35.30	87
114	2010	Ocean Pout	Bottom Longline	46	514	185	35.99	0.00	0.00	0.22	116	22.57	50	1618233	549248.50	1210.00	3565	375.50	658	130.00	230
115	2010	Ocean Pout	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.36	154	42.31	0	6987722	2935241.80	3668.00	8732	1620.40	1740	871.80	937
116	2010	Ocean Pout	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.10	222	3.92	60	60663323	15554611.60	26700.00	104131	11736.10	14120	3840.30	4626
117	2010	Ocean Pout	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	0	593845	450466.70	286.00	377	145.80	155	181.20	193
118	2010	Halibut	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.15	267	11.57	1558	11513645	3138735.50	1015.00	3723	1316.50	2836	448.50	966
119	2010	Halibut	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.13	398	9.87	924	11190638	3700296.00	1132.00	3423	2062.20	4691	833.80	1739
120	2010	Halibut	Handline	15	131	80	61.07	0.00	0.00	0.00	0	0.00	47	218081	61460.50	0.00	0	74.70	152	35.30	87
121	2010	Halibut	Bottom Longline	46	514	185	35.99	0.00	0.00	0.34	217	42.22	391	1618233	549248.50	410.00	1208	375.50	658	130.00	230
122	2010	Halibut	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.18	60	16.48	785	7062383	2935241.80	1007.00	2423	1620.40	1740	871.80	937
123	2010	Halibut	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.07	101	1.78	9581	60678375	15554611.60	7307.00	28505	11736.10	14120	3840.30	4626
124	2010	Halibut	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	64	593845	450466.70	57.00	75	145.80	155	181.20	193
125	2010	Wolffish	Extra Large Mesh Gillnet	129	2308	804	34.84	0.00	0.00	0.19	417	18.07	0	11513645	3138735.50	348.00	1277	1316.50	2836	448.50	966
126	2010	Wolffish	Large Mesh Gillnet	141	4031	1475	36.59	0.00	0.00	0.10	237	5.88	10	11190638	3700296.00	1920.00	5807	2062.20	4691	833.80	1739
127	2010	Wolffish	Handline	15	131	80	61.07	0.00	0.00	0.63	115	87.79	0	218081	61460.50	10.00	35	74.70	152	35.30	87
128	2010	Wolffish	Bottom Longline	46	514	185	35.99	0.00	0.00	0.28	170	33.07	5	1618233	549248.50	1057.00	3114	375.50	658	130.00	230
129	2010	Wolffish	Haddock Otter Trawl	94	364	123	33.79	0.00	0.00	0.41	176	48.35	0	6987722	2935241.80	560.00	1333	1620.40	1740	871.80	937
130	2010	Wolffish	Bottom Otter Trawl	679	5662	1466	25.89	0.00	0.00	0.08	143	2.53	505	60663323	15554611.60	7361.00	28708	11736.10	14120	3840.30	4626
131	2010	Wolffish	Ruhle Trawl	16	27	27	100.00	0.00	0.00	0.00	0	0.00	4	593845	450466.70	0.00	0	145.80	155	181.20	193
132	2011	GB Cod East	Bottom Longline	3	31	5	16.13	0.05	0.00	0.24	4	12.90	95429	202322	19785.40	910.00	9306	65.90	78	11.30	14
133	2011	GB Cod East	Haddock Otter Trawl	35	120	36	30.00	0.01	0.00	0.32	40	33.33	35497	1780011	334581.50	3060.00	16280	775.60	827	266.60	286
134	2011	GB Cod East	Bottom Otter Trawl	84	315	106	33.65	0.01	0.00	0.16	42	13.33	154195	4305117	1026190.70	12177.00	51085	2200.40	2350	827.70	882
135	2011	GB Cod East	Ruhle Trawl	7	14	4	28.57	0.00	0.00	1.06	12	85.71	1948	88091	13387.10	3.00	20	99.00	106	32.00	35

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
136	2011	GB Cod West	Extra Large Mesh Gillnet	67	1836	466	25.38	0.00	0.00	0.28	421	22.93	2845	10832220	2785776.70	318.00	1237	1002.80	2213	262.40	571
137	2011	GB Cod West	Large Mesh Gillnet	32	743	235	31.63	0.01	0.00	0.13	57	7.67	235608	2266691	640358.10	3934.00	13925	347.90	838	131.60	283
138	2011	GB Cod West	Handline	4	99	35	35.35	0.01	0.00	0.42	51	51.52	38651	153649	39442.90	370.00	1441	57.20	117	14.10	39
139	2011	GB Cod West	Bottom Longline	14	216	32	14.81	0.02	0.00	0.34	40	18.52	117200	556322	91572.00	2199.00	13359	81.30	230	11.90	36
140	2011	GB Cod West	Haddock Otter Trawl	42	120	63	52.50	0.00	0.00	0.14	24	20.00	151990	1795716	800061.00	2284.00	5126	648.20	692	434.50	464
141	2011	GB Cod West	Bottom Otter Trawl	357	3013	859	28.51	0.01	0.00	0.11	160	5.31	5937619	40366497	11311651.50	56877.00	202970	10063.50	11291	3878.50	4322
142	2011	GB Cod West	Ruhle Trawl	22	59	11	18.64	0.00	0.00	0.82	38	64.41	57228	1053390	135799.60	11.00	85	326.50	351	74.30	79
143	2011	GOM Cod	Extra Large Mesh Gillnet	30	534	264	49.44	0.01	0.00	0.09	40	7.49	115429	1297682	338013.30	2191.00	8412	365.10	680	205.90	351
144	2011	GOM Cod	Large Mesh Gillnet	98	4672	1414	30.27	0.01	0.00	0.04	38	0.81	2874057	12761574	3527956.60	20877.00	75518	2810.00	5746	869.70	1723
145	2011	GOM Cod	Handline	9	54	20	37.04	0.07	0.00	0.12	5	9.26	36052	38413	8294.20	589.00	2728	23.20	54	8.90	20
146	2011	GOM Cod	Bottom Longline	24	478	102	21.34	0.06	0.00	0.09	12	2.51	538800	899832	147495.10	8609.00	52521	264.70	515	51.10	108
147	2011	GOM Cod	Haddock Otter Trawl	4	19	19	100.00	0.00	0.00	0.00	0	0.00	3786	111242	422245.30	874.00	230	64.50	70	140.10	148
148	2011	GOM Cod	Bottom Otter Trawl	264	4224	1164	27.56	0.01	0.00	0.07	81	1.92	5724679	29360911	8403145.80	52467.00	183322	7752.80	9852	2862.50	3483
149	2011	Plaice	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.31	771	32.53	1468	12129902	3123790.00	22.00	85	1367.90	2893	468.30	922
150	2011	Plaice	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.06	90	1.66	15338	15028265	4168314.70	1671.00	6025	3102.50	6524	959.20	1960
151	2011	Plaice	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	0	192062	47829.10	0.00	0	80.40	171	26.20	63
152	2011	Plaice	Bottom Longline	41	725	139	19.17	0.00	0.00	0.44	247	34.07	31	1658476	258852.50	4.00	26	409.70	819	74.30	158
153	2011	Plaice	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.21	45	17.79	54205	3542257	1556887.80	2129.00	4844	1145.20	1224	500.10	536
154	2011	Plaice	Bottom Otter Trawl	705	7552	1775	23.50	0.01	0.00	0.04	50	0.66	3109194	73825550	20740988.00	118613.00	422192	14253.10	17293	5123.10	6058
155	2011	Plaice	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.00	0	0.00	16034	1060675	149186.70	0.00	0	365.20	393	74.30	79
156	2011	GB Winter Flounder	Large Mesh Gillnet	4	9	4	44.44	0.00	0.00	0.00	0	0.00	0	68803	29273.60	0.00	0	54.20	57	23.50	25
157	2011	GB Winter Flounder	Bottom Longline	8	41	8	19.51	0.00	0.00	0.69	24	58.54	528	222753	25433.40	5.00	44	75.80	93	15.40	20
158	2011	GB Winter Flounder	Haddock Otter Trawl	67	209	63	30.14	0.00	0.00	0.25	48	22.97	191569	3176312	1003653.70	446.00	1411	1099.80	1175	441.20	473
159	2011	GB Winter Flounder	Bottom Otter Trawl	230	1306	313	23.97	0.00	0.00	0.31	324	24.81	4066147	21955849	5580389.80	7575.00	29804	6357.60	6794	2360.50	2522
160	2011	GB Winter Flounder	Ruhle Trawl	26	70	11	15.71	0.00	0.00	0.00	0	0.00	49652	1062144	149174.90	0.00	0	362.80	390	74.30	79
161	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	30	534	264	49.44	0.00	0.00	0.44	362	67.79	1183	1297682	338013.30	8.00	31	365.10	680	205.90	351
162	2011	GOM Winter Flounder	Large Mesh Gillnet	98	4672	1414	30.27	0.00	0.00	0.08	142	3.04	75716	12761574	3527956.60	326.00	1179	2810.00	5746	869.70	1723
163	2011	GOM Winter Flounder	Handline	9	54	20	37.04	0.00	0.00	0.00	0	0.00	0	38413	8294.20	0.00	0	23.20	54	8.90	20
164	2011	GOM Winter Flounder	Bottom Longline	24	478	102	21.34	0.00	0.00	0.57	236	49.37	74	899832	147495.10	1.00	6	264.70	515	51.10	108
165	2011	GOM Winter Flounder	Haddock Otter Trawl	4	19	19	100.00	0.00	0.00	0.00	0	0.00	0	111242	422245.30	5.00	1	64.50	70	140.10	148
166	2011	GOM Winter Flounder	Bottom Otter Trawl	264	4224	1164	27.56	0.00	0.00	0.11	216	5.11	260385	29360911	8403145.80	2620.50	9156	7752.80	9852	2862.50	3483
167	2011	Witch Flounder	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.44	1162	49.03	11422	12129902	3123790.00	10.00	39	1367.90	2893	468.30	922
168	2011	Witch Flounder	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.07	132	2.44	8090	15028265	4168314.70	233.00	840	3102.50	6524	959.20	1960
169	2011	Witch Flounder	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	0	192062	47829.10	0.00	0	80.40	171	26.20	63
170	2011	Witch Flounder	Bottom Longline	41	725	139	19.17	0.00	0.00	0.00	0	0.00	0	1658476	258852.50	0.00	0	409.70	819	74.30	158
171	2011	Witch Flounder	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.23	50	19.76	39104	3511105	1556887.80	600.00	1353	1145.20	1224	500.10	536
172	2011	Witch Flounder	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.05	67	0.89	2000926	73727828	20740988.00	38623.00	137293	14253.10	17293	5123.10	6058
173	2011	Witch Flounder	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.68	35	47.30	5940	1059048	149186.70	1.00	7	365.20	393	74.30	79
174	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	45	1575	554	35.17	0.00	0.00	0.43	828	52.57	1524	7702339	1999845.40	5.00	19	661.70	1743	290.00	642
175	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	120	5374	1631	30.35	0.00	0.00	0.09	201	3.74	220236	14876537	4106199.50	10120.00	36664	3060.50	6464	953.00	1950
176	2011	CC/GOM Yellowtail Flounder	Handline	13	153	52	33.99	0.00	0.00	0.00	0	0.00	0	192062	47697.60	0.00	0	80.40	171	19.40	54
177	2011	CC/GOM Yellowtail Flounder	Bottom Longline	33	684	132	19.30	0.00	0.00	0.00	0	0.00	29	1435723	233419.10	0.00	0	336.40	730	60.00	140
178	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	13	43	33	76.74	0.00	0.00	0.25	31	72.09	7018	375261	553217.00	71.00	48	216.30	232	231.10	244
179	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	341	5174	1322	25.55	0.00	0.00	0.09	148	2.86	1340372	42591918	11970064.90	41983.00	149384	10295.30	12655	3717.80	4419
180	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	3	3	0	0.00						300	44613	0.00	0.00		19.30	21	0.00	0

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
181	2011	GB Yellowtail Flounder	Large Mesh Gillnet	4	9	4	44.44	0.00	0.00	0.00	0	0.00	0	68803	29273.60	0.00	0	54.20	57	23.50	25
182	2011	GB Yellowtail Flounder	Bottom Longline	8	41	8	19.51	0.00	0.00	0.53	18	43.90	19	222753	25433.40	4.00	35	75.80	93	15.40	20
183	2011	GB Yellowtail Flounder	Haddock Otter Trawl	67	209	63	30.14	0.00	0.00	0.21	37	17.70	87764	3102092	1003653.70	2357.00	7285	1099.80	1175	441.20	473
184	2011	GB Yellowtail Flounder	Bottom Otter Trawl	230	1306	313	23.97	0.00	0.00	0.12	59	4.52	1987635	21969499	5580389.80	25927.00	102072	6357.60	6794	2360.50	2522
185	2011	GB Yellowtail Flounder	Ruhle Trawl	26	70	11	15.71	0.00	0.00	0.59	30	42.86	76341	1096854	149174.90	57.00	419	362.80	390	74.30	79
186	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	51	794	177	22.29	0.00	0.00	0.30	174	21.91	43	4425899	1123944.60	38.00	150	707.00	1151	178.80	281
187	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	6	32	10	31.25	0.00	0.00	0.00	0	0.00	7	82925	32841.60	0.00	0	17.20	34	6.20	10
188	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	134	1072	349	32.56	0.00	0.00	0.10	53	4.94	761080	9317005	3190533.30	13515.00	39467	1864.00	2385	684.60	869
189	2011	GB Haddock East	Bottom Longline	3	31	5	16.13	0.07	0.00	0.42	9	29.03	101045	202322	19785.40	1326.00	13559	65.90	78	11.30	14
190	2011	GB Haddock East	Haddock Otter Trawl	35	120	36	30.00	0.02	0.00	0.33	42	35.00	1085666	1780317	334581.50	6078.00	32341	775.60	827	266.60	286
191	2011	GB Haddock East	Bottom Otter Trawl	84	315	106	33.65	0.01	0.00	0.20	59	18.73	1128967	4357698	1026190.70	9953.00	42265	2200.40	2350	827.70	882
192	2011	GB Haddock East	Ruhle Trawl	7	14	4	28.57	0.00	0.00	0.32	5	35.71	103693	97675	13387.10	4.00	29	99.00	106	32.00	35
193	2011	GB Haddock West	Extra Large Mesh Gillnet	67	1836	466	25.38	0.00	0.00	0.00	0	0.00	51	10832220	2785776.70	0.00	0	1002.80	2213	262.40	571
194	2011	GB Haddock West	Large Mesh Gillnet	32	743	235	31.63	0.00	0.00	0.27	204	27.46	10616	2266691	640358.10	199.00	704	347.90	838	131.60	283
195	2011	GB Haddock West	Handline	4	99	35	35.35	0.00	0.00	0.00	0	0.00	655	153649	39442.90	0.00	0	57.20	117	14.10	39
196	2011	GB Haddock West	Bottom Longline	14	216	32	14.81	0.00	0.00	0.49	68	31.48	76893	556322	91572.00	256.00	1555	81.30	230	11.90	36
197	2011	GB Haddock West	Haddock Otter Trawl	42	120	63	52.50	0.01	0.00	0.14	23	19.17	1016742	1764494	800061.00	4413.00	9733	648.20	692	434.50	464
198	2011	GB Haddock West	Bottom Otter Trawl	357	3013	859	28.51	0.00	0.00	0.12	170	5.64	4273927	40349762	11311651.50	20590.00	73447	10063.50	11291	3878.50	4322
199	2011	GB Haddock West	Ruhle Trawl	22	59	11	18.64	0.00	0.00	0.28	10	16.95	870152	1073289	135799.60	336.00	2656	326.50	351	74.30	79
200	2011	GOM Haddock	Extra Large Mesh Gillnet	30	534	264	49.44	0.00	0.00	0.18	138	25.84	1388	1297682	338013.30	99.00	380	365.10	680	205.90	351
201	2011	GOM Haddock	Large Mesh Gillnet	98	4672	1414	30.27	0.00	0.00	0.08	148	3.17	58696	12761574	3527956.60	1347.00	4872	2810.00	5746	869.70	1723
202	2011	GOM Haddock	Handline	9	54	20	37.04	0.00	0.00	0.00	0	0.00	196	38413	8294.20	0.00	0	23.20	54	8.90	20
203	2011	GOM Haddock	Bottom Longline	24	478	102	21.34	0.00	0.00	0.23	64	13.39	232691	899832	147495.10	438.00	2672	264.70	515	51.10	108
204	2011	GOM Haddock	Haddock Otter Trawl	4	19	19	100.00	0.00	0.00	0.00	0	0.00	1167	111242	422245.30	212.00	56	64.50	70	140.10	148
205	2011	GOM Haddock	Bottom Otter Trawl	264	4224	1164	27.56	0.00	0.00	0.13	292	6.91	752507	29360911	8403145.80	2408.00	8414	7752.80	9852	2862.50	3483
206	2011	White Hake	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.22	456	19.24	34672	12129902	3123790.00	576.00	2237	1367.90	2893	468.30	922
207	2011	White Hake	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.10	246	4.54	1241579	15028265	4168314.70	10478.00	37777	3102.50	6524	959.20	1960
208	2011	White Hake	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	8	192062	47829.10	0.00	0	80.40	171	26.20	63
209	2011	White Hake	Bottom Longline	41	725	139	19.17	0.00	0.00	0.59	350	48.28	15876	1658476	258852.50	31.00	199	409.70	819	74.30	158
210	2011	White Hake	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.42	114	45.06	118092	3532778	1556887.80	226.00	513	1145.20	1224	500.10	536
211	2011	White Hake	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.14	470	6.22	5179844	73734711	20740988.00	8351.00	29688	14253.10	17293	5123.10	6058
212	2011	White Hake	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.00	0	0.00	3367	1097802	149186.70	0.00	0	365.20	393	74.30	79
213	2011	Pollock	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.13	190	8.02	39846	12129902	3123790.00	1439.00	5588	1367.90	2893	468.30	922
214	2011	Pollock	Large Mesh Gillnet	130	5415	1641	30.30	0.01	0.00	0.09	200	3.69	5105583	15028265	4168314.70	45325.00	163413	3102.50	6524	959.20	1960
215	2011	Pollock	Handline	13	153	56	36.60	0.00	0.00	0.82	125	81.70	16599	192062	47829.10	3.00	12	80.40	171	26.20	63
216	2011	Pollock	Bottom Longline	41	725	139	19.17	0.00	0.00	0.40	212	29.24	13998	1658476	258852.50	177.00	1134	409.70	819	74.30	158
217	2011	Pollock	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.31	78	30.83	505657	3555911	1556887.80	3431.00	7836	1145.20	1224	500.10	536
218	2011	Pollock	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.17	686	9.08	10766133	73836018	20740988.00	16699.00	59447	14253.10	17293	5123.10	6058
219	2011	Pollock	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.68	35	47.30	27071	1060821	149186.70	8.00	57	365.20	393	74.30	79
220	2011	Redfish	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.51	1334	56.29	247	12129902	3123790.00	4.00	16	1367.90	2893	468.30	922
221	2011	Redfish	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.10	259	4.78	124081	15028265	4168314.70	1248.00	4499	3102.50	6524	959.20	1960
222	2011	Redfish	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	19	192062	47829.10	0.00	0	80.40	171	26.20	63
223	2011	Redfish	Bottom Longline	41	725	139	19.17	0.00	0.00	0.37	196	27.03	1684	1658476	258852.50	20.00	128	409.70	819	74.30	158
224	2011	Redfish	Haddock Otter Trawl	81	253	74	29.25	0.01	0.00	0.28	69	27.27	127067	3518478	1556887.80	12757.00	28830	1145.20	1224	500.10	536
225	2011	Redfish	Bottom Otter Trawl	705	7552	1775	23.50	0.01	0.00	0.10	245	3.24	5340470	73729649	20740988.00	105158.00	373814	14253.10	17293	5123.10	6058

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
226	2011	Redfish	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.00	0	0.00	405	1059048	149186.70	0.00	0	365.20	393	74.30	79
227	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	66	1835	466	25.40	0.00	0.00	0.54	969	52.81	1	10830555	2785776.70	25.00	97	1002.40	2212	262.40	571
228	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	28	734	232	31.61	0.00	0.00	0.14	67	9.13	25	2197888	611084.50	640.00	2302	310.30	799	111.70	262
229	2011	SNE/MA Winter Flounder	Handline	4	99	33	33.33	0.00	0.00	0.00	0	0.00	0	153649	39403.40	0.00	0	57.20	117	11.10	35
230	2011	SNE/MA Winter Flounder	Bottom Longline	9	206	30	14.56	0.00	0.00	0.59	83	40.29	0	535891	85924.00	77.00	480	73.80	219	8.90	32
231	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	10	31	22	70.97	0.00	0.00	0.37	25	80.65	3110	283040	130988.80	4.50	10	213.90	230	145.30	154
232	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	211	2022	720	35.61	0.01	0.00	0.12	157	7.76	3711	22515820	6757452.40	56660.00	188791	6863.10	7865	2899.30	3274
233	2011	SNE/MA Winter Flounder	Ruhle Trawl	3	3	1	33.33	0.00					0	37161	11.80	0.00	0	26.40	28	9.90	10
234	2011	Southern Windowpane	Extra Large Mesh Gillnet	51	794	177	22.29	0.00	0.00	0.44	303	38.16	0	4425899	1123944.60	4.00	16	707.00	1151	178.80	281
235	2011	Southern Windowpane	Large Mesh Gillnet	6	32	10	31.25	0.00	0.00	0.00	0	0.00	0	82925	32841.60	0.00	0	17.20	34	6.20	10
236	2011	Southern Windowpane	Bottom Otter Trawl	134	1072	349	32.56	0.02	0.00	0.08	39	3.64	350	9317005	3190533.30	61502.00	179598	1864.00	2385	684.60	869
237	2011	Northern Windowpane	Extra Large Mesh Gillnet	46	1576	554	35.15	0.00	0.00	0.68	1162	73.73	0	7704004	1999845.40	6.00	23	662.10	1744	290.00	642
238	2011	Northern Windowpane	Large Mesh Gillnet	124	5383	1631	30.30	0.00	0.00	0.09	198	3.68	1	14945340	4135473.10	1013.00	3661	3085.30	6490	953.00	1950
239	2011	Northern Windowpane	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	0	192062	47829.10	0.00	0	80.40	171	26.20	63
240	2011	Northern Windowpane	Bottom Longline	41	725	139	19.17	0.00	0.00	0.90	494	68.14	0	1658476	258852.50	2.00	13	409.70	819	74.30	158
241	2011	Northern Windowpane	Haddock Otter Trawl	80	252	74	29.37	0.00	0.00	0.29	72	28.57	0	3408667	1556870.70	2573.00	5633	1145.20	1224	500.10	536
242	2011	Northern Windowpane	Bottom Otter Trawl	571	6480	1457	22.48	0.01	0.00	0.10	189	2.92	0	64342156	17550454.70	91678.00	336103	13142.20	15707	4693.40	5463
243	2011	Northern Windowpane	Ruhle Trawl	29	73	11	15.07	0.00	0.00	0.67	35	47.95	0	1059042	149174.90	309.00	2194	365.20	393	74.30	79
244	2011	Ocean Pout	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.83	1836	77.47	0	12129902	3123790.00	2.00	8	1367.90	2893	468.30	922
245	2011	Ocean Pout	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.19	826	15.25	0	15028265	4168314.70	156.00	562	3102.50	6524	959.20	1960
246	2011	Ocean Pout	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	0	192062	47829.10	0.00	0	80.40	171	26.20	63
247	2011	Ocean Pout	Bottom Longline	41	725	139	19.17	0.01	0.00	0.42	230	31.72	10	1658476	258852.50	1300.00	8329	409.70	819	74.30	158
248	2011	Ocean Pout	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.21	43	17.00	0	3437851	1556887.80	992.00	2190	1145.20	1224	500.10	536
249	2011	Ocean Pout	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.11	295	3.91	0	73659160	20740988.00	34664.00	123105	14253.10	17293	5123.10	6058
250	2011	Ocean Pout	Ruhle Trawl	30	74	11	14.86	0.00	0.00	1.03	50	67.57	0	1059048	149186.70	121.00	859	365.20	393	74.30	79
251	2011	Halibut	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.35	909	38.35	962	12129902	3123790.00	2401.00	9323	1367.90	2893	468.30	922
252	2011	Halibut	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.10	255	4.71	2148	15028265	4168314.70	1612.00	5812	3102.50	6524	959.20	1960
253	2011	Halibut	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	37	192062	47829.10	0.00	0	80.40	171	26.20	63
254	2011	Halibut	Bottom Longline	41	725	139	19.17	0.00	0.00	0.89	492	67.86	288	1658476	258852.50	18.00	115	409.70	819	74.30	158
255	2011	Halibut	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.24	54	21.34	770	3437851	1556887.80	594.00	1312	1145.20	1224	500.10	536
256	2011	Halibut	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.06	96	1.27	18545	73659160	20740988.00	14337.00	50916	14253.10	17293	5123.10	6058
257	2011	Halibut	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.68	35	47.30	203	1059048	149186.70	15.00	106	365.20	393	74.30	79
258	2011	Wolffish	Extra Large Mesh Gillnet	97	2370	730	30.80	0.00	0.00	0.20	398	16.79	0	12129902	3123790.00	283.00	1099	1367.90	2893	468.30	922
259	2011	Wolffish	Large Mesh Gillnet	130	5415	1641	30.30	0.00	0.00	0.08	161	2.97	0	15028265	4168314.70	2399.00	8649	3102.50	6524	959.20	1960
260	2011	Wolffish	Handline	13	153	56	36.60	0.00	0.00	0.00	0	0.00	0	192062	47829.10	0.00	0	80.40	171	26.20	63
261	2011	Wolffish	Bottom Longline	41	725	139	19.17	0.00	0.00	0.20	70	9.66	0	1658476	258852.50	482.00	3088	409.70	819	74.30	158
262	2011	Wolffish	Haddock Otter Trawl	81	253	74	29.25	0.00	0.00	0.46	127	50.20	0	3437851	1556887.80	746.00	1647	1145.20	1224	500.10	536
263	2011	Wolffish	Bottom Otter Trawl	705	7552	1775	23.50	0.00	0.00	0.08	174	2.30	19	73659160	20740988.00	15752.00	55941	14253.10	17293	5123.10	6058
264	2011	Wolffish	Ruhle Trawl	30	74	11	14.86	0.00	0.00	0.00	0	0.00	0	1059048	149186.70	0.00	0	365.20	393	74.30	79
265	2012	GB Cod East	Haddock Otter Trawl	21	60	13	21.67	0.02	0.00	0.39	20	33.33	6757	695263	37219.00	741.00	13842	481.90	506	109.10	116
266	2012	GB Cod East	Bottom Otter Trawl	81	381	70	18.37	0.02	0.00	0.25	53	13.91	76948	4162051	390056.40	6454.00	68867	2915.90	3092	568.60	600
267	2012	GB Cod West	Extra Large Mesh Gillnet	32	998	205	20.54	0.00	0.00	0.61	515	51.60	987	5966760	1082543.00	138.00	761	330.50	1023	84.30	217
268	2012	GB Cod West	Large Mesh Gillnet	34	962	206	21.41	0.01	0.00	0.11	32	3.33	201479	2727972	560550.00	3922.00	19087	417.10	1065	97.20	225
269	2012	GB Cod West	Handline	3	82	82	100.00	0.02	0.00	0.00	0	0.00	2688	9808	4115.30	85.00	203	5.00	9	17.90	84
270	2012	GB Cod West	Bottom Longline	12	416	106	25.48	0.00	0.00	0.86	308	74.04	9619	1190244	333205.50	263.00	939	70.00	420	18.80	107

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
271	2012	GB Cod West	Haddock Otter Trawl	21	37	10	27.03	0.00	0.00	0.50	19	51.35	37629	302441	27016.30	109.00	1220	263.60	280	80.80	86
272	2012	GB Cod West	Bottom Otter Trawl	317	2873	532	18.52	0.01	0.00	0.14	127	4.42	2899789	28254634	5735243.90	39952.00	196823	9443.40	10612	2296.70	2546
273	2012	GB Cod West	Ruhle Trawl	7	11	1	9.09	0.00					3171	64215	13443.20	47.00	225	69.30	74	7.70	8
274	2012	GOM Cod	Extra Large Mesh Gillnet	28	212	110	51.89	0.01	0.00	0.10	24	11.32	10856	410313	74498.60	459.00	2528	208.70	329	72.10	131
275	2012	GOM Cod	Large Mesh Gillnet	83	4006	896	22.37	0.00	0.00	0.05	31	0.77	1542041	11258139	2325413.10	10600.00	51318	2678.40	5114	530.10	1053
276	2012	GOM Cod	Handline	7	20	3	15.00	0.13	0.00	0.22	2	10.00	7763	10238	739.10	98.00	1358	10.90	21	1.40	3
277	2012	GOM Cod	Bottom Longline	18	339	72	21.24	0.09	0.00	0.21	39	11.50	79413	336444	75556.60	6534.00	29095	146.80	342	32.00	72
278	2012	GOM Cod	Haddock Otter Trawl	3	8	8	100.00	0.00	0.00	0.00	0	0.00	2201	22282	64105.00	132.00	46	10.60	12	64.30	68
279	2012	GOM Cod	Bottom Otter Trawl	272	4674	1031	22.06	0.01	0.00	0.14	257	5.50	2897207	29783406	5807431.10	37301.00	191298	8171.00	10376	2064.20	2593
280	2012	Plaice	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.70	794	65.62	314	6377073	1157041.60	9.00	50	537.30	1350	156.40	348
281	2012	Plaice	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.08	101	2.03	16125	13986745	2886741.40	1293.00	6265	3039.10	6118	615.10	1265
282	2012	Plaice	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	0	19387	4854.40	0.00	0	15.90	30	19.30	87
283	2012	Plaice	Bottom Longline	30	755	178	23.58	0.00	0.00	0.00	0	0.00	0	1526027	408762.10	0.00	0	216.80	762	50.70	179
284	2012	Plaice	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.56	39	39.00	10880	882822	128340.30	39.00	268	625.60	660	121.90	130
285	2012	Plaice	Bottom Otter Trawl	670	7928	1408	17.76	0.01	0.00	0.05	54	0.68	2984944	62119084	11932731.40	98127.00	510827	14396.80	17544	3299.40	3995
286	2012	Plaice	Ruhle Trawl	9	16	1	6.25	0.00					3256	65239	13443.20	17.00	83	75.30	81	7.70	8
287	2012	GB Winter Flounder	Large Mesh Gillnet	7	12	3	25.00	0.00	0.00	0.00	0	0.00	0	57847	31618.00	0.00	0	70.70	77	16.90	18
288	2012	GB Winter Flounder	Haddock Otter Trawl	37	90	14	15.56	0.00	0.00	0.92	57	63.33	97092	809489	60456.90	40.00	536	595.00	627	115.60	123
289	2012	GB Winter Flounder	Bottom Otter Trawl	192	1226	195	15.91	0.00	0.00	0.23	122	9.95	4177053	16204667	2957355.10	1790.00	9808	6103.20	6506	1509.70	1606
290	2012	GB Winter Flounder	Ruhle Trawl	8	15	1	6.67	0.00					5358	67260	13443.20	1.00	5	75.30	81	7.70	8
291	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	28	212	110	51.89	0.00	0.00	0.44	148	69.81	284	410313	74498.60	3.00	17	208.70	329	72.10	131
292	2012	GOM Winter Flounder	Large Mesh Gillnet	83	4006	896	22.37	0.00	0.00	0.10	119	2.97	55725	11258139	2325413.10	183.00	886	2678.40	5114	530.10	1053
293	2012	GOM Winter Flounder	Handline	7	20	3	15.00	0.00	0.00	0.00	0	0.00	0	10238	739.10	0.00	0	10.90	21	1.40	3
294	2012	GOM Winter Flounder	Bottom Longline	18	339	72	21.24	0.00	0.00	0.00	0	0.00	18	336444	75556.60	0.00	0	146.80	342	32.00	72
295	2012	GOM Winter Flounder	Haddock Otter Trawl	3	8	8	100.00	0.00	0.00	0.00	0	0.00	0	19761	64105.00	0.00	0	10.60	12	64.30	68
296	2012	GOM Winter Flounder	Bottom Otter Trawl	272	4674	1031	22.06	0.00	0.00	0.12	207	4.43	494009	29782582	5807431.10	3671.50	18829	8171.00	10376	2064.20	2593
297	2012	Witch Flounder	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.52	619	51.16	1874	6377073	1157041.60	5.00	28	537.30	1350	156.40	348
298	2012	Witch Flounder	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.11	174	3.50	15216	13986745	2886741.40	131.00	635	3039.10	6118	615.10	1265
299	2012	Witch Flounder	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	0	19387	4854.40	0.00	0	15.90	30	19.30	87
300	2012	Witch Flounder	Bottom Longline	30	755	178	23.58	0.00	0.00	0.00	0	0.00	0	1526027	408762.10	0.00	0	216.80	762	50.70	179
301	2012	Witch Flounder	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.26	13	13.00	8082	882822	128340.30	64.00	440	625.60	660	121.90	130
302	2012	Witch Flounder	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.08	134	1.69	1997056	62119084	11932731.40	26923.00	140155	14396.80	17544	3299.40	3995
303	2012	Witch Flounder	Ruhle Trawl	9	16	1	6.25	0.00					2156	65239	13443.20	4.00	19	75.30	81	7.70	8
304	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	42	1123	284	25.29	0.00	0.00	0.46	504	44.88	1095	5941203	1006873.10	44.00	260	467.80	1244	127.30	305
305	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	105	4889	1093	22.36	0.00	0.00	0.12	210	4.30	259746	13788921	2848816.30	3699.00	17904	2999.60	6040	607.20	1254
306	2012	CC/GOM Yellowtail Flounder	Handline	10	82	82	100.00	0.00	0.00	0.00	0	0.00	0	19387	4568.60	0.00	0	15.90	30	16.50	83
307	2012	CC/GOM Yellowtail Flounder	Bottom Longline	27	751	177	23.57	0.00	0.00	0.87	544	72.44	8	1518173	405873.70	2.00	7	212.40	756	49.00	177
308	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	8	10	10	100.00	0.00	0.00	0.00	0	0.00	488	58287	67883.40	1.00	1	46.40	49	77.90	83
309	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	347	5497	1119	20.36	0.01	0.00	0.09	127	2.31	1597220	38047080	7426169.30	45018.00	230644	10446.80	12885	2566.70	3136
310	2012	GB Yellowtail Flounder	Large Mesh Gillnet	7	12	3	25.00	0.00	0.00	0.00	0	0.00	0	57847	31618.00	0.00	0	70.70	77	16.90	18
311	2012	GB Yellowtail Flounder	Haddock Otter Trawl	37	90	14	15.56	0.00	0.00	0.55	35	38.89	4555	797547	60456.90	41.00	541	595.00	627	115.60	123
312	2012	GB Yellowtail Flounder	Bottom Otter Trawl	192	1226	195	15.91	0.00	0.00	0.18	80	6.53	439695	16201396	2957355.10	5783.00	31681	6103.20	6506	1509.70	1606
313	2012	GB Yellowtail Flounder	Ruhle Trawl	8	15	1	6.67	0.01					8767	67268	13443.20	88.00	440	75.30	81	7.70	8
314	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	18	87	31	35.63	0.00	0.00	0.48	51	58.62	0	435871	150168.50	7.00	20	69.50	106	29.10	43
315	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	6	68	6	8.82	0.00	0.00	1.02	36	52.94	222	139977	6307.10	1.00	22	30.90	68	3.20	6

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
316	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	131	1205	228	18.92	0.01	0.00	0.12	43	3.57	843536	7860989	1549207.00	17283.00	87697	1606.50	2148	313.10	412
317	2012	GB Haddock East	Haddock Otter Trawl	21	60	13	21.67	0.05	0.00	0.38	19	31.67	182929	698817	37219.00	2014.00	37815	481.90	506	109.10	116
318	2012	GB Haddock East	Bottom Otter Trawl	81	381	70	18.37	0.05	0.00	0.42	116	30.45	491166	4153519	390056.40	18583.00	197881	2915.90	3092	568.60	600
319	2012	GB Haddock West	Extra Large Mesh Gillnet	32	998	205	20.54	0.00	0.00	0.89	696	69.74	31	5966760	1082543.00	1.00	6	330.50	1023	84.30	217
320	2012	GB Haddock West	Large Mesh Gillnet	34	962	206	21.41	0.00	0.00	0.15	58	6.03	12557	2727972	560550.00	1785.00	8687	417.10	1065	97.20	225
321	2012	GB Haddock West	Handline	3	82	82	100.00	0.00	0.00	0.00	0	0.00	40	9149	4115.30	3.00	7	5.00	9	17.90	84
322	2012	GB Haddock West	Bottom Longline	12	416	106	25.48	0.00	0.00	0.86	308	74.04	3029	1189583	333205.50	160.00	571	70.00	420	18.80	107
323	2012	GB Haddock West	Haddock Otter Trawl	21	37	10	27.03	0.02	0.00	0.51	20	54.05	153635	306975	27016.30	496.00	5636	263.60	280	80.80	86
324	2012	GB Haddock West	Bottom Otter Trawl	317	2873	532	18.52	0.01	0.00	0.28	484	16.85	1198836	28263719	5735243.90	82818.00	408133	9443.40	10612	2296.70	2546
325	2012	GB Haddock West	Ruhle Trawl	7	11	1	9.09	0.06					58212	67351	13443.20	864.00	4329	69.30	74	7.70	8
326	2012	GOM Haddock	Extra Large Mesh Gillnet	28	212	110	51.89	0.00	0.00	0.20	68	32.08	441	410313	74498.60	46.00	253	208.70	329	72.10	131
327	2012	GOM Haddock	Large Mesh Gillnet	83	4006	896	22.37	0.00	0.00	0.06	52	1.30	25037	11258139	2325413.10	1904.00	9218	2678.40	5114	530.10	1053
328	2012	GOM Haddock	Handline	7	20	3	15.00	0.01	0.00	0.51	7	35.00	283	10238	739.10	9.00	125	10.90	21	1.40	3
329	2012	GOM Haddock	Bottom Longline	18	339	72	21.24	0.01	0.00	0.22	44	12.98	51221	336444	75556.60	395.00	1759	146.80	342	32.00	72
330	2012	GOM Haddock	Haddock Otter Trawl	3	8	8	100.00	0.01	0.00	0.00	0	0.00	628	19761	64105.00	439.00	135	10.60	12	64.30	68
331	2012	GOM Haddock	Bottom Otter Trawl	272	4674	1031	22.06	0.00	0.00	0.15	299	6.40	389663	29782582	5807431.10	11816.00	60597	8171.00	10376	2064.20	2593
332	2012	White Hake	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.24	225	18.60	14944	6377073	1157041.60	312.00	1720	537.30	1350	156.40	348
333	2012	White Hake	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.12	226	4.55	1235966	13986745	2886741.40	7363.00	35675	3039.10	6118	615.10	1265
334	2012	White Hake	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	29	19387	4854.40	0.00	0	15.90	30	19.30	87
335	2012	White Hake	Bottom Longline	30	755	178	23.58	0.00	0.00	0.54	377	49.93	1448	1526027	408762.10	4.00	15	216.80	762	50.70	179
336	2012	White Hake	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.00	0	0.00	28413	895265	128340.30	0.00	0	625.60	660	121.90	130
337	2012	White Hake	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.24	972	12.26	4047817	62134843	11932731.40	6086.00	31690	14396.80	17544	3299.40	3995
338	2012	White Hake	Ruhle Trawl	9	16	1	6.25	0.00					151	65239	13443.20	0.00	0	75.30	81	7.70	8
339	2012	Pollock	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.33	365	30.17	42996	6377073	1157041.60	902.00	4971	537.30	1350	156.40	348
340	2012	Pollock	Large Mesh Gillnet	118	4969	1100	22.14	0.01	0.00	0.09	130	2.62	3472710	13986745	2886741.40	21226.00	102844	3039.10	6118	615.10	1265
341	2012	Pollock	Handline	10	85	85	100.00	0.01	0.00	0.00	0	0.00	2558	19387	4854.40	51.00	204	15.90	30	19.30	87
342	2012	Pollock	Bottom Longline	30	755	178	23.58	0.00	0.00	0.31	189	25.03	7878	1526027	408762.10	22.00	82	216.80	762	50.70	179
343	2012	Pollock	Haddock Otter Trawl	45	100	15	15.00	0.01	0.00	0.41	26	26.00	114884	883335	128340.30	686.00	4722	625.60	660	121.90	130
344	2012	Pollock	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.14	341	4.30	10264915	62135028	11932731.40	18998.00	98925	14396.80	17544	3299.40	3995
345	2012	Pollock	Ruhle Trawl	9	16	1	6.25	0.00					144	65239	13443.20	0.00	0	75.30	81	7.70	8
346	2012	Redfish	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.00	0	0.00	87	6377073	1157041.60	0.00	0	537.30	1350	156.40	348
347	2012	Redfish	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.15	333	6.70	91185	13986745	2886741.40	793.00	3842	3039.10	6118	615.10	1265
348	2012	Redfish	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	54	19387	4854.40	0.00	0	15.90	30	19.30	87
349	2012	Redfish	Bottom Longline	30	755	178	23.58	0.00	0.00	0.51	353	46.75	310	1526027	408762.10	6.00	22	216.80	762	50.70	179
350	2012	Redfish	Haddock Otter Trawl	45	100	15	15.00	0.04	0.00	0.27	13	13.00	182644	894874	128340.30	4769.00	33253	625.60	660	121.90	130
351	2012	Redfish	Bottom Otter Trawl	670	7928	1408	17.76	0.01	0.00	0.14	373	4.70	8915557	62149951	11932731.40	137038.00	713743	14396.80	17544	3299.40	3995
352	2012	Redfish	Ruhle Trawl	9	16	1	6.25	0.00					0	65239	13443.20	0.00	0	75.30	81	7.70	8
353	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	32	998	205	20.54	0.00	0.00	0.00	0	0.00	0	5966760	1082543.00	0.00	0	330.50	1023	84.30	217
354	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	28	951	203	21.35	0.00	0.00	0.16	70	7.36	0	2670759	529710.30	565.00	2849	353.50	996	80.30	207
355	2012	SNE/MA Winter Flounder	Handline	3	80	80	100.00	0.00	0.00	0.00	0	0.00	0	9149	3871.50	0.00	0	5.00	9	15.30	81
356	2012	SNE/MA Winter Flounder	Bottom Longline	10	413	105	25.42	0.00	0.00	0.00	0	0.00	0	1182889	330317.10	0.00	0	65.70	415	17.00	105
357	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	5	7	4	57.14	0.00	0.00	0.87	7	100.00	0	38527	3778.40	2.00	20	46.40	49	27.10	30
358	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	206	2028	448	22.09	0.01	0.00	0.15	141	6.95	1285	16125487	3167945.20	41434.00	210908	6293.10	7248	1710.20	1919
359	2012	Southern Windowpane	Extra Large Mesh Gillnet	18	87	31	35.63	0.00	0.00	0.00	0	0.00	0	435871	150168.50	0.00	0	69.50	106	29.10	43
360	2012	Southern Windowpane	Large Mesh Gillnet	6	68	6	8.82	0.00	0.00	0.72	25	36.76	0	139977	6307.10	4.00	89	30.90	68	3.20	6

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
361	2012	Southern Windowpane	Bottom Otter Trawl	131	1205	228	18.92	0.03	0.00	0.10	28	2.32	0	7860989	1549207.00	40061.00	203278	1606.50	2148	313.10	412
362	2012	Northern Windowpane	Extra Large Mesh Gillnet	42	1123	284	25.29	0.00	0.00	0.34	340	30.28	0	5941203	1006873.10	8.00	47	467.80	1244	127.30	305
363	2012	Northern Windowpane	Large Mesh Gillnet	112	4901	1094	22.32	0.00	0.00	0.14	273	5.57	4	13846768	2880434.30	311.00	1495	3008.20	6050	611.90	1259
364	2012	Northern Windowpane	Handline	10	84	84	100.00	0.00	0.00	0.00	0	0.00	0	19387	4812.40	0.00	0	15.90	30	19.10	86
365	2012	Northern Windowpane	Bottom Longline	29	754	178	23.61	0.00	0.00	0.00	0	0.00	0	1524867	408762.10	0.00	0	216.70	761	50.70	179
366	2012	Northern Windowpane	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.75	53	53.00	0	847448	128340.30	14.00	92	625.60	660	121.90	130
367	2012	Northern Windowpane	Bottom Otter Trawl	539	6723	1192	17.73	0.01	0.00	0.12	235	3.50	3	54230106	10383524.40	53790.00	280929	13134.20	15765	3075.80	3679
368	2012	Northern Windowpane	Ruhle Trawl	8	15	1	6.67	0.01					0	64132	13443.20	76.00	363	75.30	81	7.70	8
369	2012	Ocean Pout	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.00	0	0.00	0	6377073	1157041.60	0.00	0	537.30	1350	156.40	348
370	2012	Ocean Pout	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.38	1551	31.21	0	13986745	2886741.40	37.00	179	3039.10	6118	615.10	1265
371	2012	Ocean Pout	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	0	19387	4854.40	0.00	0	15.90	30	19.30	87
372	2012	Ocean Pout	Bottom Longline	30	755	178	23.58	0.00	0.00	0.31	185	24.50	0	1526027	408762.10	68.00	254	216.80	762	50.70	179
373	2012	Ocean Pout	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.93	63	63.00	0	847448	128340.30	8.00	53	625.60	660	121.90	130
374	2012	Ocean Pout	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.12	272	3.43	0	62091095	11932731.40	15745.00	81928	14396.80	17544	3299.40	3995
375	2012	Ocean Pout	Ruhle Trawl	9	16	1	6.25	0.00					0	65239	13443.20	57.00	277	75.30	81	7.70	8
376	2012	Halibut	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.26	253	20.91	1021	6377073	1157041.60	1433.00	7898	537.30	1350	156.40	348
377	2012	Halibut	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.10	166	3.34	2656	13986745	2886741.40	1249.00	6052	3039.10	6118	615.10	1265
378	2012	Halibut	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	0	19387	4854.40	0.00	0	15.90	30	19.30	87
379	2012	Halibut	Bottom Longline	30	755	178	23.58	0.00	0.00	0.88	549	72.72	62	1526027	408762.10	18.00	67	216.80	762	50.70	179
380	2012	Halibut	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.55	38	38.00	597	874004	128340.30	124.00	844	625.60	660	121.90	130
381	2012	Halibut	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.08	110	1.39	22603	62119083	11932731.40	16234.00	84511	14396.80	17544	3299.40	3995
382	2012	Halibut	Ruhle Trawl	9	16	1	6.25	0.00					0	65239	13443.20	30.00	146	75.30	81	7.70	8
383	2012	Wolffish	Extra Large Mesh Gillnet	60	1210	315	26.03	0.00	0.00	0.44	528	43.64	0	6377073	1157041.60	98.00	540	537.30	1350	156.40	348
384	2012	Wolffish	Large Mesh Gillnet	118	4969	1100	22.14	0.00	0.00	0.12	201	4.05	0	13986745	2886741.40	1735.00	8406	3039.10	6118	615.10	1265
385	2012	Wolffish	Handline	10	85	85	100.00	0.00	0.00	0.00	0	0.00	0	19387	4854.40	0.00	0	15.90	30	19.30	87
386	2012	Wolffish	Bottom Longline	30	755	178	23.58	0.00	0.00	0.24	122	16.16	0	1526027	408762.10	294.00	1098	216.80	762	50.70	179
387	2012	Wolffish	Haddock Otter Trawl	45	100	15	15.00	0.00	0.00	0.00	0	0.00	0	847448	128340.30	0.00	0	625.60	660	121.90	130
388	2012	Wolffish	Bottom Otter Trawl	670	7928	1408	17.76	0.00	0.00	0.09	150	1.89	0	62091095	11932731.40	10555.00	54922	14396.80	17544	3299.40	3995
389	2012	Wolffish	Ruhle Trawl	9	16	1	6.25	0.00					0	65239	13443.20	0.00	0	75.30	81	7.70	8
390	2013	GB Cod East	Haddock Otter Trawl	11	31	2	6.45	0.00	0.00	0.18	1	3.23	7441	365034	7726.20	4.50	213	240.00	254	15.70	16
391	2013	GB Cod East	Bottom Otter Trawl	62	296	36	12.16	0.00	0.00	0.40	59	19.93	43430	3151308	169541.80	555.75	10330	2219.80	2358	338.30	356
392	2013	GB Cod East	Ruhle Trawl	3	4	0	0.00						6	24908	0.00	0.00		33.40	36	0.00	0
393	2013	GB Cod West	Extra Large Mesh Gillnet	36	993	219	22.05	0.00	0.00	0.41	342	34.44	2429	5597810	1154830.80	80.00	388	386.30	1031	107.50	246
394	2013	GB Cod West	Large Mesh Gillnet	36	476	131	27.52	0.00	0.00	0.16	47	9.87	130809	1589081	362736.80	903.20	3957	372.80	662	60.40	142
395	2013	GB Cod West	Bottom Longline	5	14	2	14.29	0.00	0.00	0.00	0	0.00	2703	17977	7474.00	0.00	0	10.80	16	0.30	2
396	2013	GB Cod West	Haddock Otter Trawl	14	69	13	18.84	0.00	0.00	0.35	17	24.64	127087	1533735	222002.20	445.50	3078	333.70	361	93.10	100
397	2013	GB Cod West	Bottom Otter Trawl	307	3108	575	18.50	0.00	0.00	0.17	208	6.69	3062643	29983094	5774611.90	14877.00	77245	9445.60	10695	2290.40	2571
398	2013	GB Cod West	Ruhle Trawl	7	10	1	10.00	0.00					3728	41625	90.80	0.00	0	45.90	50	10.30	11
399	2013	GOM Cod	Extra Large Mesh Gillnet	20	388	98	25.26	0.00	0.00	0.27	84	21.65	29480	916982	106528.30	303.20	2610	402.50	610	81.10	132
400	2013	GOM Cod	Large Mesh Gillnet	78	2477	554	22.37	0.00	0.00	0.08	47	1.90	491534	6487143	1393735.10	4171.20	19415	2477.00	3784	509.90	808
401	2013	GOM Cod	Bottom Longline	10	105	25	23.81	0.02	0.00	0.19	13	12.38	24442	87535	16046.80	273.57	1492	69.00	121	15.40	28
402	2013	GOM Cod	Bottom Otter Trawl	220	2849	571	20.04	0.00	0.00	0.10	76	2.67	1023190	22355049	4531272.00	3693.75	18223	6521.80	7805	1684.10	1974
403	2013	Plaice	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.44	541	39.17	2185	6514792	1261359.10	4.00	21	788.90	1641	185.20	374
404	2013	Plaice	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.12	145	4.91	27782	8078568	1756471.90	949.00	4365	2765.80	4354	557.70	935
405	2013	Plaice	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
406	2013	Plaice	Bottom Longline	17	121	27	22.31	0.00	0.00	0.00	0	0.00	3	109884	23520.80	0.00	0	78.20	134	15.70	30
407	2013	Plaice	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.51	30	30.00	19366	1828124	276268.00	530.00	3507	506.90	544	93.10	100
408	2013	Plaice	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.07	58	0.93	2801533	55329675	10475425.70	41478.00	219081	12346.00	14622	2930.40	3430
409	2013	Plaice	Ruhle Trawl	10	14	1	7.14	0.00					532	66031	90.80	0.00	0	63.50	69	10.30	11
410	2013	GB Winter Flounder	Large Mesh Gillnet	11	15	1	6.67	0.00					5	45969	1599.70	0.00	0	72.00	80	3.50	4
411	2013	GB Winter Flounder	Bottom Longline	3	5	0	0.00						5	6779	0.00	0.00		5.70	7	0.00	0
412	2013	GB Winter Flounder	Haddock Otter Trawl	20	73	11	15.07	0.00	0.00	0.00	0	0.00	21790	1169183	143023.90	0.00	0	416.60	446	80.00	86
413	2013	GB Winter Flounder	Bottom Otter Trawl	144	1028	174	16.93	0.00	0.00	0.24	118	11.48	3774203	14136725	2303839.70	1858.00	11401	5376.90	5741	1319.20	1412
414	2013	GB Winter Flounder	Ruhle Trawl	7	11	1	9.09	0.00					3374	62648	90.80	0.00	0	54.30	59	10.30	11
415	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	20	388	98	25.26	0.00	0.00	0.00	0	0.00	1369	916982	106528.30	0.00	0	402.50	610	81.10	132
416	2013	GOM Winter Flounder	Large Mesh Gillnet	78	2477	554	22.37	0.00	0.00	0.16	196	7.91	58160	6487143	1393735.10	98.00	456	2477.00	3784	509.90	808
417	2013	GOM Winter Flounder	Bottom Longline	10	105	25	23.81	0.00	0.00	0.00	0	0.00	0	87535	16046.80	0.00	0	69.00	121	15.40	28
418	2013	GOM Winter Flounder	Bottom Otter Trawl	220	2849	571	20.04	0.00	0.00	0.18	244	8.56	300075	22355049	4531272.00	1695.50	8365	6521.80	7805	1684.10	1974
419	2013	Witch Flounder	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.00	0	0.00	11790	6514792	1261359.10	0.00	0	788.90	1641	185.20	374
420	2013	Witch Flounder	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.13	158	5.35	10546	8078568	1756471.90	89.00	409	2765.80	4354	557.70	935
421	2013	Witch Flounder	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
422	2013	Witch Flounder	Bottom Longline	17	121	27	22.31	0.00	0.00	0.00	0	0.00	0	109884	23520.80	0.00	0	78.20	134	15.70	30
423	2013	Witch Flounder	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.45	26	26.00	18627	1729794	276268.00	84.00	526	506.90	544	93.10	100
424	2013	Witch Flounder	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.08	76	1.22	1294793	55269756	10475425.70	16072.00	84798	12346.00	14622	2930.40	3430
425	2013	Witch Flounder	Ruhle Trawl	10	14	1	7.14	0.00					557	66031	90.80	0.00	0	63.50	69	10.30	11
426	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	34	1277	276	21.61	0.00	0.00	0.89	904	70.79	234	5950191	1021463.60	1.00	6	693.40	1499	142.60	310
427	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	99	2910	677	23.26	0.00	0.00	0.16	243	8.35	200130	7980191	1753984.80	975.00	4436	2740.40	4309	556.70	932
428	2013	CC/GOM Yellowtail Flounder	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
429	2013	CC/GOM Yellowtail Flounder	Bottom Longline	13	115	27	23.48	0.00	0.00	0.00	0	0.00	1	98644	23520.80	0.00	0	73.40	128	15.70	30
430	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	5	27	10	37.04	0.00	0.00	0.70	21	77.78	1728	365258	133244.10	2.00	5	176.00	192	74.10	80
431	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	293	3803	675	17.75	0.00	0.00	0.11	106	2.79	592207	32362534	6361036.20	6727.00	34224	9205.90	10749	2289.40	2641
432	2013	GB Yellowtail Flounder	Large Mesh Gillnet	11	15	1	6.67	0.00					0	45969	1599.70	0.00	0	72.00	80	3.50	4
433	2013	GB Yellowtail Flounder	Bottom Longline	3	5	0	0.00						0	6779	0.00	0.00		5.70	7	0.00	0
434	2013	GB Yellowtail Flounder	Haddock Otter Trawl	20	73	11	15.07	0.00	0.00	0.31	12	16.44	214	1157254	143023.90	15.00	121	416.60	446	80.00	86
435	2013	GB Yellowtail Flounder	Bottom Otter Trawl	144	1028	174	16.93	0.00	0.00	0.25	131	12.74	101220	14079867	2303839.70	3135.00	19159	5376.90	5741	1319.20	1412
436	2013	GB Yellowtail Flounder	Ruhle Trawl	7	11	1	9.09	0.00					8568	61916	90.80	0.00	0	54.30	59	10.30	11
437	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	20	101	40	39.60	0.00	0.00	0.79	83	82.18	125	558073	239212.50	1.80	4	83.70	128	42.60	64
438	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	6	30	4	13.33	0.00	0.00	0.00	0	0.00	20	52408	887.40	0.00	0	17.60	35	2.40	5
439	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	152	1422	286	20.11	0.00	0.00	0.27	248	17.44	596815	8578589	1810549.80	4410.90	20899	1722.90	2350	400.30	532
440	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	3	3	0	0.00						460	4129	0.00	0.00		9.20	10	0.00	0
441	2013	GB Haddock East	Haddock Otter Trawl	11	31	2	6.45	0.01	0.00	0.18	1	3.23	242488	368198	7726.20	51.00	2430	240.00	254	15.70	16
442	2013	GB Haddock East	Bottom Otter Trawl	62	296	36	12.16	0.03	0.00	0.29	35	11.82	976688	3177458	169541.80	5150.00	96518	2219.80	2358	338.30	356
443	2013	GB Haddock East	Ruhle Trawl	3	4	0	0.00						23551	24922	0.00	0.00		33.40	36	0.00	0
444	2013	GB Haddock West	Extra Large Mesh Gillnet	36	993	219	22.05	0.00	0.00	0.00	0	0.00	219	5597810	1154830.80	0.00	0	386.30	1031	107.50	246
445	2013	GB Haddock West	Large Mesh Gillnet	36	476	131	27.52	0.00	0.00	0.22	79	16.60	23701	1589081	362736.80	628.00	2751	372.80	662	60.40	142
446	2013	GB Haddock West	Bottom Longline	5	14	2	14.29	0.00	0.00	0.00	0	0.00	7836	17977	7474.00	0.00	0	10.80	16	0.30	2
447	2013	GB Haddock West	Haddock Otter Trawl	14	69	13	18.84	0.07	0.00	0.24	9	13.04	998599	1596231	222002.20	14644.00	105293	333.70	361	93.10	100
448	2013	GB Haddock West	Bottom Otter Trawl	307	3108	575	18.50	0.02	0.00	0.14	155	4.99	4110566	30047474	5774611.90	87758.00	456638	9445.60	10695	2290.40	2571
449	2013	GB Haddock West	Ruhle Trawl	7	10	1	10.00	0.00					36488	41869	90.80	0.00	0	45.90	50	10.30	11
450	2013	GOM Haddock	Extra Large Mesh Gillnet	20	388	98	25.26	0.00	0.00	0.40	144	37.11	1331	916982	106528.30	31.00	267	402.50	610	81.10	132

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
451	2013	GOM Haddock	Large Mesh Gillnet	78	2477	554	22.37	0.00	0.00	0.10	71	2.87	23038	6487143	1393735.10	1292.00	6014	2477.00	3784	509.90	808
452	2013	GOM Haddock	Bottom Longline	10	105	25	23.81	0.01	0.00	0.29	24	22.86	43967	87535	16046.80	163.00	889	69.00	121	15.40	28
453	2013	GOM Haddock	Bottom Otter Trawl	220	2849	571	20.04	0.00	0.00	0.15	173	6.07	258559	22355049	4531272.00	7670.00	37840	6521.80	7805	1684.10	1974
454	2013	White Hake	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.33	368	26.65	110442	6514792	1261359.10	552.00	2851	788.90	1641	185.20	374
455	2013	White Hake	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.13	168	5.69	889044	8078568	1756471.90	5185.00	23847	2765.80	4354	557.70	935
456	2013	White Hake	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
457	2013	White Hake	Bottom Longline	17	121	27	22.31	0.00	0.00	0.00	0	0.00	149	109884	23520.80	0.00	0	78.20	134	15.70	30
458	2013	White Hake	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.56	35	35.00	44627	1753839	276268.00	18.00	114	506.90	544	93.10	100
459	2013	White Hake	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.25	715	11.43	3423684	55287789	10475425.70	3712.00	19591	12346.00	14622	2930.40	3430
460	2013	White Hake	Ruhle Trawl	10	14	1	7.14	0.00					16	66031	90.80	0.00	0	63.50	69	10.30	11
461	2013	Pollock	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.26	245	17.74	117350	6514792	1261359.10	998.00	5155	788.90	1641	185.20	374
462	2013	Pollock	Large Mesh Gillnet	116	2955	680	23.01	0.01	0.00	0.07	54	1.83	3285037	8078568	1756471.90	25312.00	116418	2765.80	4354	557.70	935
463	2013	Pollock	Handline	4	23	12	52.17	0.10	0.00	0.34	14	60.87	6788	14772	1709.20	170.00	1469	16.10	30	5.40	13
464	2013	Pollock	Bottom Longline	17	121	27	22.31	0.00	0.00	0.59	64	52.89	2502	109884	23520.80	10.00	47	78.20	134	15.70	30
465	2013	Pollock	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.67	43	43.00	173198	1843480	276268.00	1342.00	8955	506.90	544	93.10	100
466	2013	Pollock	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.15	291	4.65	7060137	55417104	10475425.70	18864.00	99794	12346.00	14622	2930.40	3430
467	2013	Pollock	Ruhle Trawl	10	14	1	7.14	0.00					1453	66031	90.80	0.00	0	63.50	69	10.30	11
468	2013	Redfish	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.00	0	0.00	3734	6514792	1261359.10	0.00	0	788.90	1641	185.20	374
469	2013	Redfish	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.27	589	19.93	99852	8078568	1756471.90	1302.00	5988	2765.80	4354	557.70	935
470	2013	Redfish	Handline	4	23	12	52.17	0.00	0.00	0.55	19	82.61	12	14772	1709.20	3.00	26	16.10	30	5.40	13
471	2013	Redfish	Bottom Longline	17	121	27	22.31	0.00	0.00	0.92	89	73.55	171	109884	23520.80	3.00	14	78.20	134	15.70	30
472	2013	Redfish	Haddock Otter Trawl	25	100	13	13.00	0.01	0.00	0.78	51	51.00	241155	1628713	276268.00	3409.00	20097	506.90	544	93.10	100
473	2013	Redfish	Bottom Otter Trawl	589	6253	999	15.98	0.01	0.00	0.22	577	9.23	7737275	55219213	10475425.70	146680.00	773196	12346.00	14622	2930.40	3430
474	2013	Redfish	Ruhle Trawl	10	14	1	7.14	0.00					0	66031	90.80	0.00	0	63.50	69	10.30	11
475	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	34	990	218	22.02	0.00	0.00	0.76	640	64.65	167	5591282	1154147.80	18.00	87	374.60	1017	104.10	242
476	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	27	463	130	28.08	0.00	0.00	0.29	122	26.35	3466	1545456	361137.10	20.00	86	316.10	599	57.00	138
477	2013	SNE/MA Winter Flounder	Bottom Longline	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	15570	7474.00	0.00	0	7.60	12	0.30	2
478	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	5	27	8	29.63	0.00	0.00	0.78	20	74.07	54318	374804	86704.50	1.00	4	176.00	192	56.70	62
479	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	225	2376	507	21.34	0.00	0.00	0.21	269	11.32	1458474	18614740	3640314.00	2880.00	14727	7243.30	8344	1820.20	2071
480	2013	SNE/MA Winter Flounder	Ruhle Trawl	3	3	0	0.00						0	4129	0.00	0.00		9.20	10	0.00	0
481	2013	Southern Windowpane	Extra Large Mesh Gillnet	20	101	40	39.60	0.00	0.00	0.78	83	82.18	0	558073	239212.50	1.00	2	83.70	128	42.60	64
482	2013	Southern Windowpane	Large Mesh Gillnet	6	30	4	13.33	0.00	0.00	0.35	6	20.00	0	52408	887.40	2.00	118	17.60	35	2.40	5
483	2013	Southern Windowpane	Bottom Otter Trawl	152	1422	286	20.11	0.02	0.00	0.08	25	1.76	0	8578589	1810549.80	38544.00	182626	1722.90	2350	400.30	532
484	2013	Southern Windowpane	Ruhle Trawl	3	3	0	0.00						0	4129	0.00	0.00		9.20	10	0.00	0
485	2013	Northern Windowpane	Extra Large Mesh Gillnet	36	1280	276	21.56	0.00	0.00	0.35	346	27.03	0	5956719	1022146.60	13.00	76	705.20	1513	142.60	310
486	2013	Northern Windowpane	Large Mesh Gillnet	110	2925	677	23.15	0.00	0.00	0.31	699	23.90	0	8026160	1755584.50	145.00	663	2748.20	4319	556.70	932
487	2013	Northern Windowpane	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
488	2013	Northern Windowpane	Bottom Longline	16	120	27	22.50	0.00	0.00	0.00	0	0.00	0	105423	23520.80	0.00	0	78.20	134	15.70	30
489	2013	Northern Windowpane	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.42	23	23.00	0	1514992	276268.00	124.00	680	506.90	544	93.10	100
490	2013	Northern Windowpane	Bottom Otter Trawl	437	4831	728	15.07	0.01	0.00	0.20	346	7.16	4	46436422	8664875.90	95211.00	510251	11007.30	12684	2661.80	3040
491	2013	Northern Windowpane	Ruhle Trawl	7	11	1	9.09	0.13					0	61902	90.80	12.00	8181	54.30	59	10.30	11
492	2013	Ocean Pout	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.00	0	0.00	0	6514792	1261359.10	0.00	0	788.90	1641	185.20	374
493	2013	Ocean Pout	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.88	2127	71.98	0	8078568	1756471.90	4.00	18	2765.80	4354	557.70	935
494	2013	Ocean Pout	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
495	2013	Ocean Pout	Bottom Longline	17	121	27	22.31	0.00	0.00	0.39	40	33.06	0	109884	23520.80	21.00	98	78.20	134	15.70	30

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
496	2013	Ocean Pout	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.45	26	26.00	0	1514992	276268.00	10.00	55	506.90	544	93.10	100
497	2013	Ocean Pout	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.12	199	3.18	0	55015011	10475425.70	11110.00	58348	12346.00	14622	2930.40	3430
498	2013	Ocean Pout	Ruhle Trawl	10	14	1	7.14	0.03					0	66031	90.80	3.00	2182	63.50	69	10.30	11
499	2013	Halibut	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.24	217	15.71	2564	6514792	1261359.10	1653.00	8538	788.90	1641	185.20	374
500	2013	Halibut	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.13	160	5.41	2986	8078568	1756471.90	1635.00	7520	2765.80	4354	557.70	935
501	2013	Halibut	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
502	2013	Halibut	Bottom Longline	17	121	27	22.31	0.00	0.00	0.00	0	0.00	126	109884	23520.80	0.00	0	78.20	134	15.70	30
503	2013	Halibut	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.47	27	27.00	854	1522513	276268.00	152.00	838	506.90	544	93.10	100
504	2013	Halibut	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.09	99	1.58	23423	55020152	10475425.70	12540.00	65864	12346.00	14622	2930.40	3430
505	2013	Halibut	Ruhle Trawl	10	14	1	7.14	0.00					23	66031	90.80	0.00	0	63.50	69	10.30	11
506	2013	Wolffish	Extra Large Mesh Gillnet	56	1381	316	22.88	0.00	0.00	0.65	807	58.44	0	6514792	1261359.10	41.00	212	788.90	1641	185.20	374
507	2013	Wolffish	Large Mesh Gillnet	116	2955	680	23.01	0.00	0.00	0.13	160	5.41	0	8078568	1756471.90	925.00	4254	2765.80	4354	557.70	935
508	2013	Wolffish	Handline	4	23	12	52.17	0.00	0.00	0.00	0	0.00	0	14772	1709.20	0.00	0	16.10	30	5.40	13
509	2013	Wolffish	Bottom Longline	17	121	27	22.31	0.00	0.00	0.37	37	30.58	0	109884	23520.80	51.00	238	78.20	134	15.70	30
510	2013	Wolffish	Haddock Otter Trawl	25	100	13	13.00	0.00	0.00	0.65	42	42.00	0	1514992	276268.00	502.00	2753	506.90	544	93.10	100
511	2013	Wolffish	Bottom Otter Trawl	589	6253	999	15.98	0.00	0.00	0.11	157	2.51	0	55015011	10475425.70	5866.00	30807	12346.00	14622	2930.40	3430
512	2013	Wolffish	Ruhle Trawl	10	14	1	7.14	0.00					0	66031	90.80	0.00	0	63.50	69	10.30	11
513	2014	GB Cod East	Haddock Otter Trawl	50	260	33	12.69	0.00	0.00	0.37	47	18.08	101289	3892239	341774.20	443.25	5048	1615.90	1722	239.80	253
514	2014	GB Cod East	Bottom Otter Trawl	47	156	46	29.49	0.00	0.00	0.53	89	57.05	36718	1419517	254306.80	849.75	4743	1054.70	1130	320.00	341
515	2014	GB Cod East	Ruhle Trawl	3	7	1	14.29	0.10					286	30897	28.60	3.00	3241	43.80	47	6.90	7
516	2014	GB Cod West	Extra Large Mesh Gillnet	40	1272	371	29.17	0.00	0.00	0.23	253	19.89	1657	9069738	2308340.00	108.00	424	477.50	1304	168.00	405
517	2014	GB Cod West	Large Mesh Gillnet	29	519	191	36.80	0.00	0.00	0.15	70	13.49	155405	1880242	552161.80	935.20	3185	367.80	682	130.50	245
518	2014	GB Cod West	Handline	3	14	4	28.57	0.42	0.13	0.87	11	78.57	7383	12596	32.60	13.60	5255	16.20	23	5.60	8
519	2014	GB Cod West	Haddock Otter Trawl	34	186	58	31.18	0.00	0.00	0.24	43	23.12	269762	4144494	937685.40	885.75	3915	866.70	937	390.10	415
520	2014	GB Cod West	Bottom Otter Trawl	309	2864	637	22.24	0.00	0.00	0.10	92	3.21	2521132	30137645	6655813.60	4642.50	21021	8730.60	9915	2450.40	2761
521	2014	GB Cod West	Ruhle Trawl	6	24	5	20.83	0.00	0.00	0.00	0	0.00	4771	773219	62148.30	0.00	0	107.30	117	28.20	30
522	2014	GOM Cod	Extra Large Mesh Gillnet	22	377	154	40.85	0.00	0.00	0.13	44	11.67	15730	644510	153242.40	505.60	2126	374.50	566	154.20	233
523	2014	GOM Cod	Large Mesh Gillnet	72	2351	670	28.50	0.00	0.00	0.07	52	2.21	651813	8151361	2050474.80	6248.80	24841	2436.30	3682	676.60	1031
524	2014	GOM Cod	Bottom Longline	5	32	10	31.25	0.01	0.00	0.59	21	65.63	2871	29576	10392.30	64.02	182	16.90	35	4.40	10
525	2014	GOM Cod	Bottom Otter Trawl	204	2263	552	24.39	0.00	0.00	0.23	367	16.22	713610	20922163	4957087.20	5892.75	24871	5263.80	6226	1525.40	1804
526	2014	Plaice	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.39	721	43.72	594	9714248	2461582.40	17.00	67	852.00	1870	322.30	638
527	2014	Plaice	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.13	207	7.18	49139	10066116	2609279.30	770.00	2971	2761.00	4319	792.20	1260
528	2014	Plaice	Handline	5	19	8	42.11	0.00	0.00	0.00	0	0.00	0	14346	1217.90	0.00	0	19.00	28	15.10	19
529	2014	Plaice	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
530	2014	Plaice	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.25	51	11.41	65134	7757354	1403495.80	901.00	4980	2104.20	2254	449.30	478
531	2014	Plaice	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.07	82	1.55	2599132	52210654	11867207.60	36769.00	161768	11760.20	13749	3253.00	3791
532	2014	Plaice	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.73	19	61.29	2750	714365	62176.90	7.00	80	124.70	136	35.10	37
533	2014	GB Winter Flounder	Large Mesh Gillnet	7	30	7	23.33	0.00	0.00	0.00	0	0.00	0	163831	41298.70	0.00	0	121.10	129	43.70	47
534	2014	GB Winter Flounder	Haddock Otter Trawl	73	388	60	15.46	0.00	0.00	0.40	96	24.74	409654	6744304	1081476.50	235.00	1466	1983.90	2121	406.10	431
535	2014	GB Winter Flounder	Bottom Otter Trawl	134	924	213	23.05	0.00	0.00	0.28	187	20.24	2158539	13863137	3100170.00	1165.00	5210	5145.60	5508	1513.10	1616
536	2014	GB Winter Flounder	Ruhle Trawl	7	21	6	28.57	0.00	0.00	0.00	0	0.00	9295	297056	58857.30	0.00	0	98.50	105	35.10	37
537	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	22	377	154	40.85	0.00	0.00	0.68	295	78.25	648	644510	153242.40	12.50	53	374.50	566	154.20	233
538	2014	GOM Winter Flounder	Large Mesh Gillnet	72	2351	670	28.50	0.00	0.00	0.14	198	8.42	38404	8151361	2050474.80	100.00	398	2436.30	3682	676.60	1031
539	2014	GOM Winter Flounder	Bottom Longline	5	32	10	31.25	0.00	0.00	0.00	0	0.00	0	29576	10392.30	0.00	0	16.90	35	4.40	10
540	2014	GOM Winter Flounder	Bottom Otter Trawl	204	2263	552	24.39	0.00	0.00	0.26	436	19.27	222760	20922163	4957087.20	2245.00	9475	5263.80	6226	1525.40	1804

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	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
541	2014	Witch Flounder	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.00	0	0.00	937	9714248	2461582.40	0.00	0	852.00	1870	322.30	638
542	2014	Witch Flounder	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.13	219	7.60	11722	10066116	2609279.30	85.00	328	2761.00	4319	792.20	1260
543	2014	Witch Flounder	Handline	5	19	8	42.11	0.00	0.00	0.00	0	0.00	0	14346	1217.90	0.00	0	19.00	28	15.10	19
544	2014	Witch Flounder	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
545	2014	Witch Flounder	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.39	104	23.27	36813	7497275	1403495.80	781.00	4172	2104.20	2254	449.30	478
546	2014	Witch Flounder	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.09	129	2.44	1009106	52072654	11867207.60	19543.00	85754	11760.20	13749	3253.00	3791
547	2014	Witch Flounder	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	1202	586856	62176.90	0.00	0	124.70	136	35.10	37
548	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	39	1560	473	30.32	0.00	0.00	0.84	1204	77.18	363	9118359	2124427.50	1.00	4	785.00	1766	269.00	553
549	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	88	2808	845	30.09	0.00	0.00	0.15	257	9.15	54096	9765196	2549662.60	502.00	1923	2673.70	4203	764.40	1225
550	2014	CC/GOM Yellowtail Flounder	Handline	4	18	8	44.44	0.00	0.00	0.00	0	0.00	0	13512	1217.90	0.00	0	18.10	27	15.10	19
551	2014	CC/GOM Yellowtail Flounder	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
552	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	11	47	26	55.32	0.00	0.00	0.55	38	80.85	5793	769741	322019.30	120.00	287	302.00	325	172.00	181
553	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	270	3003	673	22.41	0.00	0.00	0.17	249	8.29	459485	28908879	6480776.60	8180.00	36489	7822.60	9020	2189.60	2531
554	2014	GB Yellowtail Flounder	Large Mesh Gillnet	7	30	7	23.33	0.00	0.00	0.00	0	0.00	0	163831	41298.70	0.00	0	121.10	129	43.70	47
555	2014	GB Yellowtail Flounder	Haddock Otter Trawl	73	388	60	15.46	0.00	0.00	0.33	71	18.30	14120	6641809	1081476.50	822.00	5048	1983.90	2121	406.10	431
556	2014	GB Yellowtail Flounder	Bottom Otter Trawl	134	924	213	23.05	0.00	0.00	0.28	194	21.00	110209	13814283	3100170.00	3898.00	17369	5145.60	5508	1513.10	1616
557	2014	GB Yellowtail Flounder	Ruhle Trawl	7	21	6	28.57	0.00	0.00	0.27	6	28.57	1329	289772	58857.30	25.00	123	98.50	105	35.10	37
558	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	21	87	53	60.92	0.00	0.00	0.62	76	87.36	0	581218	337154.90	2.70	5	66.30	102	54.30	87
559	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	8	45	10	22.22	0.00	0.00	0.61	25	55.56	85	137089	18318.00	2.70	20	26.00	50	4.60	10
560	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	156	1356	333	24.56	0.00	0.00	0.23	219	16.15	677861	9307864	2286261.00	1621.80	6603	1888.60	2524	522.20	684
561	2014	GB Haddock East	Haddock Otter Trawl	50	260	33	12.69	0.04	0.00	0.16	11	4.23	2678381	3944503	341774.20	13316.00	153683	1615.90	1722	239.80	253
562	2014	GB Haddock East	Bottom Otter Trawl	47	156	46	29.49	0.04	0.00	0.36	59	37.82	699089	1431886	254306.80	9976.00	56170	1054.70	1130	320.00	341
563	2014	GB Haddock East	Ruhle Trawl	3	7	1	14.29	0.00					32592	32494	28.60	0.00	0	43.80	47	6.90	7
564	2014	GB Haddock West	Extra Large Mesh Gillnet	40	1272	371	29.17	0.00	0.00	0.84	972	76.42	41	9069738	2308340.00	2.00	8	477.50	1304	168.00	405
565	2014	GB Haddock West	Large Mesh Gillnet	29	519	191	36.80	0.00	0.00	0.21	112	21.58	9168	1880242	552161.80	199.00	678	367.80	682	130.50	245
566	2014	GB Haddock West	Handline	3	14	4	28.57	0.00	0.00	0.00	0	0.00	17	12596	32.60	0.00	0	16.20	23	5.60	8
567	2014	GB Haddock West	Haddock Otter Trawl	34	186	58	31.18	0.07	0.00	0.15	21	11.29	2893400	4241037	937685.40	62625.00	283245	866.70	937	390.10	415
568	2014	GB Haddock West	Bottom Otter Trawl	309	2864	637	22.24	0.02	0.00	0.11	101	3.53	5263427	30268190	6655813.60	120593.00	548413	8730.60	9915	2450.40	2761
569	2014	GB Haddock West	Ruhle Trawl	6	24	5	20.83	0.08	0.00	0.56	12	50.00	706457	778977	62148.30	5169.00	64789	107.30	117	28.20	30
570	2014	GOM Haddock	Extra Large Mesh Gillnet	22	377	154	40.85	0.00	0.00	0.25	126	33.42	502	644510	153242.40	65.00	273	374.50	566	154.20	233
571	2014	GOM Haddock	Large Mesh Gillnet	72	2351	670	28.50	0.00	0.00	0.07	48	2.04	48121	8151361	2050474.80	2656.00	10559	2436.30	3682	676.60	1031
572	2014	GOM Haddock	Bottom Longline	5	32	10	31.25	0.00	0.00	0.54	20	62.50	9808	29576	10392.30	24.00	68	16.90	35	4.40	10
573	2014	GOM Haddock	Bottom Otter Trawl	204	2263	552	24.39	0.00	0.00	0.14	156	6.89	589359	20922163	4957087.20	12886.00	54387	5263.80	6226	1525.40	1804
574	2014	White Hake	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.39	727	44.09	6495	9714248	2461582.40	92.00	363	852.00	1870	322.30	638
575	2014	White Hake	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.11	163	5.65	765316	10066116	2609279.30	6653.00	25666	2761.00	4319	792.20	1260
576	2014	White Hake	Handline	5	19	8	42.11	0.00	0.00	0.00	0	0.00	15	14346	1217.90	0.00	0	19.00	28	15.10	19
577	2014	White Hake	Bottom Longline	6	33	11	33.33	0.00	0.00	0.90	27	81.82	78	30266	11194.80	1.00	3	21.40	40	8.90	15
578	2014	White Hake	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.49	144	32.21	169225	7669799	1403495.80	48.00	262	2104.20	2254	449.30	478
579	2014	White Hake	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.30	1068	20.22	2891049	52166007	11867207.60	5467.00	24032	11760.20	13749	3253.00	3791
580	2014	White Hake	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	1121	655369	62176.90	0.00	0	124.70	136	35.10	37
581	2014	Pollock	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.18	228	13.83	12281	9714248	2461582.40	522.00	2060	852.00	1870	322.30	638
582	2014	Pollock	Large Mesh Gillnet	103	2883	859	29.80	0.01	0.00	0.08	79	2.74	2982014	10066116	2609279.30	31317.00	120815	2761.00	4319	792.20	1260
583	2014	Pollock	Handline	5	19	8	42.11	0.07	0.00	0.15	3	15.79	5036	14346	1217.90	82.00	966	19.00	28	15.10	19
584	2014	Pollock	Bottom Longline	6	33	11	33.33	0.00	0.00	0.91	28	84.85	15	30266	11194.80	1.00	3	21.40	40	8.90	15
585	2014	Pollock	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.34	83	18.57	363986	7714403	1403495.80	2115.00	11625	2104.20	2254	449.30	478

Table E.3 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear)

	Fishing Year	Stock	Gear	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
586	2014	Pollock	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.18	445	8.42	5143439	52263529	11867207.60	35857.00	157915	11760.20	13749	3253.00	3791
587	2014	Pollock	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.49	12	38.71	4070	631119	62176.90	9.00	91	124.70	136	35.10	37
588	2014	Redfish	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.83	1286	77.99	190	9714248	2461582.40	1.00	4	852.00	1870	322.30	638
589	2014	Redfish	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.19	436	15.12	127717	10066116	2609279.30	1907.00	7357	2761.00	4319	792.20	1260
590	2014	Redfish	Handline	5	19	8	42.11	0.00	0.00	0.84	17	89.47	19	14346	1217.90	1.00	12	19.00	28	15.10	19
591	2014	Redfish	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	49	30266	11194.80	0.00	0	21.40	40	8.90	15
592	2014	Redfish	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.33	80	17.90	478918	7478847	1403495.80	4227.00	22525	2104.20	2254	449.30	478
593	2014	Redfish	Bottom Otter Trawl	560	5283	1088	20.59	0.02	0.00	0.43	1845	34.92	9133703	52120514	11867207.60	181187.00	795769	11760.20	13749	3253.00	3791
594	2014	Redfish	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	6401	568964	62176.90	0.00	0	124.70	136	35.10	37
595	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	38	1270	371	29.21	0.00	0.00	0.59	785	61.81	260	9055067	2308340.00	2.00	8	476.90	1302	168.00	405
596	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	24	502	185	36.85	0.00	0.00	0.24	138	27.49	1898	1750924	517505.80	31.00	105	269.90	578	92.40	204
597	2014	SNE/MA Winter Flounder	Handline	3	14	4	28.57	0.00	0.00	0.00	0	0.00	0	12596	32.60	0.00	0	16.20	23	5.60	8
598	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	11	58	24	41.38	0.00	0.00	0.60	43	74.14	39016	800280	197983.10	72.50	293	305.00	331	161.60	170
599	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	222	2096	529	25.24	0.00	0.00	0.15	172	8.21	1068959	17288964	3809950.40	1459.00	6621	5984.90	6970	1707.90	1971
600	2014	Southern Windowpane	Extra Large Mesh Gillnet	21	87	53	60.92	0.00	0.00	0.37	61	70.11	0	581218	337154.90	3.00	5	66.30	102	54.30	87
601	2014	Southern Windowpane	Large Mesh Gillnet	8	45	10	22.22	0.00	0.00	0.00	0	0.00	0	137089	18318.00	0.00	0	26.00	50	4.60	10
602	2014	Southern Windowpane	Bottom Otter Trawl	156	1356	333	24.56	0.02	0.00	0.08	34	2.51	0	9307864	2286261.00	37316.00	151922	1888.60	2524	522.20	684
603	2014	Northern Windowpane	Extra Large Mesh Gillnet	41	1562	473	30.28	0.00	0.00	0.19	228	14.60	0	9133030	2124427.50	26.00	112	785.70	1768	269.00	553
604	2014	Northern Windowpane	Large Mesh Gillnet	95	2838	849	29.92	0.00	0.00	0.18	373	13.14	52	9929027	2590961.30	359.00	1376	2735.00	4269	787.60	1250
605	2014	Northern Windowpane	Handline	4	18	8	44.44	0.00	0.00	0.00	0	0.00	0	13512	1217.90	0.00	0	18.10	27	15.10	19
606	2014	Northern Windowpane	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
607	2014	Northern Windowpane	Haddock Otter Trawl	84	435	68	15.63	0.00	0.00	0.26	55	12.64	0	7163251	1403495.80	4040.00	20620	2094.80	2241	449.30	478
608	2014	Northern Windowpane	Bottom Otter Trawl	404	3927	770	19.61	0.01	0.00	0.15	213	5.42	0	42612198	9580946.60	66110.00	294031	10167.50	11540	2830.70	3213
609	2014	Northern Windowpane	Ruhle Trawl	8	30	6	20.00	0.00	0.00	0.82	20	66.67	0	560623	62176.90	15.00	135	119.50	130	35.10	37
610	2014	Ocean Pout	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.00	0	0.00	0	9714248	2461582.40	0.00	0	852.00	1870	322.30	638
611	2014	Ocean Pout	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.43	1328	46.06	0	10066116	2609279.30	11.00	42	2761.00	4319	792.20	1260
612	2014	Ocean Pout	Handline	5	19	8	42.11	0.00	0.00	0.00	0	0.00	0	14346	1217.90	0.00	0	19.00	28	15.10	19
613	2014	Ocean Pout	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
614	2014	Ocean Pout	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.27	56	12.53	0	7212304	1403495.80	361.00	1855	2104.20	2254	449.30	478
615	2014	Ocean Pout	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.20	524	9.92	0	51920062	11867207.60	15859.00	69384	11760.20	13749	3253.00	3791
616	2014	Ocean Pout	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	0	561095	62176.90	0.00	0	124.70	136	35.10	37
617	2014	Halibut	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.18	240	14.55	3222	9714248	2461582.40	2831.00	11172	852.00	1870	322.30	638
618	2014	Halibut	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.12	186	6.45	4708	10066116	2609279.30	1714.00	6612	2761.00	4319	792.20	1260
619	2014	Halibut	Handline	5	19	8	42.11	0.00	0.00	0.00	0	0.00	0	14346	1217.90	0.00	0	19.00	28	15.10	19
620	2014	Halibut	Bottom Longline	6	33	11	33.33	0.00	0.00	0.00	0	0.00	0	30266	11194.80	0.00	0	21.40	40	8.90	15
621	2014	Halibut	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.36	91	20.36	3388	7240883	1403495.80	703.00	3627	2104.20	2254	449.30	478
622	2014	Halibut	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.09	113	2.14	32218	51926043	11867207.60	8775.00	38396	11760.20	13749	3253.00	3791
623	2014	Halibut	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	90	561095	62176.90	0.00	0	124.70	136	35.10	37
624	2014	Wolffish	Extra Large Mesh Gillnet	62	1649	525	31.84	0.00	0.00	0.83	1287	78.05	0	9714248	2461582.40	27.00	107	852.00	1870	322.30	638
625	2014	Wolffish	Large Mesh Gillnet	103	2883	859	29.80	0.00	0.00	0.10	126	4.37	0	10066116	2609279.30	1513.00	5837	2761.00	4319	792.20	1260
626	2014	Wolffish	Handline	5	19	8	42.11	0.00	0.00	0.67	15	78.95	0	14346	1217.90	5.00	59	19.00	28	15.10	19
627	2014	Wolffish	Bottom Longline	6	33	11	33.33	0.00	0.00	0.76	26	78.79	0	30266	11194.80	21.00	57	21.40	40	8.90	15
628	2014	Wolffish	Haddock Otter Trawl	85	447	68	15.21	0.00	0.00	0.45	131	29.31	0	7212304	1403495.80	724.00	3721	2104.20	2254	449.30	478
629	2014	Wolffish	Bottom Otter Trawl	560	5283	1088	20.59	0.00	0.00	0.11	179	3.39	2	51920062	11867207.60	4854.00	21237	11760.20	13749	3253.00	3791
630	2014	Wolffish	Ruhle Trawl	9	31	6	19.35	0.00	0.00	0.00	0	0.00	0	561095	62176.90	0.00	0	124.70	136	35.10	37

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1	2010	CC/GOM Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	15	239	109	45.61	0.00	0.00	0.74	200	83.68	5	774668	345358.90	4.00	9	147.30	299	68.00	133
2	2010	CC/GOM Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
3	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
4	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
5	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 11																		
6	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 12																		
7	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 13																		
8	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 2																		
9	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 3	6	111	36	32.43	0.00	0.00	0.00	0	0.00	1	136422	43339.60	0.00	0	61.80	122	19.30	37
10	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 5																		
11	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 6																		
12	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 7																		
13	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 8																		
14	2010	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 9																		
15	2010	CC/GOM Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
16	2010	CC/GOM Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
17	2010	CC/GOM Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
18	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
19	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
20	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
21	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.02	0.00	0.16	35	14.29	115941	606337	193252.90	3497.00	10972	117.30	254	41.50	92
22	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.01	0.00	0.49	29	55.77	8524	134828	41008.80	453.00	1489	25.70	55	8.40	18
23	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.02	0.00	0.41	37	61.67	15378	134601	45136.00	931.00	2776	24.50	63	11.40	27
24	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	9	42	16	38.10	0.01	0.00	0.82	35	83.33	13377	352145	64430.20	744.00	4066	212.40	232	92.60	101
25	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	74	1581	492	31.12	0.01	0.00	0.13	130	8.22	306877	7554861	2122639.30	20945.00	74547	1486.60	2302	517.90	787
26	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
27	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	3	3	0	0.00						0	11855	0.00	0.00		6.80	9	0.00	0
28	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	16	182	29	15.93	0.00	0.00	0.49	61	33.52	47013	2976334	515667.60	293.00	1691	521.90	576	127.80	141
29	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	6	47	11	23.40	0.00	0.00	0.69	30	63.83	36899	226341	31842.40	87.00	618	262.70	286	74.80	81
30	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	12	54	12	22.22	0.00	0.00	0.48	23	42.59	77801	697394	88120.00	136.00	1076	298.10	320	77.60	83
31	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	36	210	56	26.67	0.00	0.00	0.47	99	47.14	152814	3289956	902884.40	794.00	2893	1081.60	1170	455.20	483
32	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.73	97	78.23	939	404917	133989.40	240.00	725	207.90	266	76.50	98
33	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	114	1045	260	24.88	0.00	0.00	0.38	359	34.35	62530	15185994	4600468.40	2791.00	9213	3428.60	3836	1240.70	1370
34	2010	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
35	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	19	735	308	41.90	0.00	0.00	0.77	606	82.45	9	4820633	1645728.90	1.00	3	211.50	751	99.10	313
36	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
37	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
38	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	9	120	65	54.17	0.00	0.00	0.00	0	0.00	46	221531	79709.50	0.00	0	83.60	154	44.30	82
39	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	14	244	79	32.38	0.00	0.00	0.62	165	67.62	257	715197	106301.60	3.00	20	109.40	260	46.00	92
40	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
41	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
42	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
43	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	30	590	201	34.07	0.00	0.00	0.35	246	41.69	3313	1937098	372213.80	39.00	203	271.70	642	82.10	204
44	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
45	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
46	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
47	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
48	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
49	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
50	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	4	27	9	33.33	0.00	0.00	0.00	0	0.00	25	199524	15655.80	0.00	0	120.10	139	30.40	36
51	2010	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
52	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
53	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
54	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
55	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
56	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
57	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
58	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
59	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	7	20	12	60.00	0.00	0.00	0.29	12	60.00	115	355431	160186.20	27.00	60	88.50	96	85.60	92
60	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
61	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
62	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
63	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
64	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
65	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
66	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
67	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	67	41	61.19	0.00	0.00	0.22	32	47.76	21120	1397920	556118.50	128.00	322	408.40	446	277.40	301
68	2010	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
69	2010	CC/GOM Yellowtail Flounder	Handline	Fixed Gear Sector	7	117	62	52.99	0.00	0.00	0.00	0	0.00	0	199851	43152.20	0.00	0	67.60	137	24.40	66
70	2010	CC/GOM Yellowtail Flounder	Handline	Maine Coast Community Sector																		
71	2010	CC/GOM Yellowtail Flounder	Handline	NCCS																		
72	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
73	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 11																		
74	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 12																		
75	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 13																		
76	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 2																		
77	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 3																		
78	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 5																		
79	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 6																		
80	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 7																		
81	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 8																		
82	2010	CC/GOM Yellowtail Flounder	Handline	NEFS 9																		
83	2010	CC/GOM Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
84	2010	CC/GOM Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
85	2010	CC/GOM Yellowtail Flounder	Handline	Tri-State Sector																		
86	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector	18	688	260	37.79	0.00	0.00	0.17	112	16.28	1102	2343386	574862.40	185.00	754	274.60	703	111.30	265
87	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
88	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
89	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.01	0.00	0.16	50	16.89	74431	719986	276616.50	2641.00	6874	139.10	327	66.50	142
90	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.24	275	28.59	270	2958754	1078659.60	41.00	112	548.00	1201	215.50	445

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
91	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
92	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
93	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
94	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	36	1505	532	35.35	0.00	0.00	0.14	155	10.30	143064	2841537	937580.10	4662.00	14129	529.10	1544	196.40	538
95	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
96	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
97	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 7	3	8	2	25.00	0.00	0.00	0.00	0	0.00	0	50202	10327.50	0.00	0	27.90	31	4.80	5
98	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
99	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
100	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.42	172	48.18	48	982739	310534.60	14.00	44	194.60	408	63.30	127
101	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	99	42	42.42	0.00	0.00	0.78	83	83.84	99	947670	433636.10	1.00	2	296.60	346	158.30	181
102	2010	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
103	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
104	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
105	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NCCS																		
106	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
107	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
108	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
109	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
110	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
111	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
112	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
113	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
114	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
115	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
116	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
117	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
118	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
119	2010	CC/GOM Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
120	2010	GB Cod East	Bottom Longline	Fixed Gear Sector	7	56	12	21.43	0.03	0.00	0.13	3	5.36	174099	490159	84828.00	2375.00	13723	107.20	123	22.70	25
121	2010	GB Cod East	Bottom Longline	Maine Coast Community Sector																		
122	2010	GB Cod East	Bottom Longline	NCCS																		
123	2010	GB Cod East	Bottom Longline	NEFS 10																		
124	2010	GB Cod East	Bottom Longline	NEFS 11																		
125	2010	GB Cod East	Bottom Longline	NEFS 12																		
126	2010	GB Cod East	Bottom Longline	NEFS 13																		
127	2010	GB Cod East	Bottom Longline	NEFS 2																		
128	2010	GB Cod East	Bottom Longline	NEFS 3																		
129	2010	GB Cod East	Bottom Longline	NEFS 5																		
130	2010	GB Cod East	Bottom Longline	NEFS 6																		
131	2010	GB Cod East	Bottom Longline	NEFS 7																		
132	2010	GB Cod East	Bottom Longline	NEFS 8																		
133	2010	GB Cod East	Bottom Longline	NEFS 9																		
134	2010	GB Cod East	Bottom Longline	Port Clyde Community Groundfish Sector																		
135	2010	GB Cod East	Bottom Longline	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
136	2010	GB Cod East	Bottom Longline	Tri-State Sector																		
137	2010	GB Cod East	Bottom Otter Trawl	Fixed Gear Sector																		
138	2010	GB Cod East	Bottom Otter Trawl	Maine Coast Community Sector																		
139	2010	GB Cod East	Bottom Otter Trawl	NCCS																		
140	2010	GB Cod East	Bottom Otter Trawl	NEFS 10																		
141	2010	GB Cod East	Bottom Otter Trawl	NEFS 11																		
142	2010	GB Cod East	Bottom Otter Trawl	NEFS 12																		
143	2010	GB Cod East	Bottom Otter Trawl	NEFS 13	13	22	5	22.73	0.00	0.00	0.18	3	13.64	44069	193261	10830.70	46.00	821	143.30	151	32.90	35
144	2010	GB Cod East	Bottom Otter Trawl	NEFS 2	11	21	7	33.33	0.00	0.00	0.43	11	52.38	36929	435917	87400.60	232.00	1157	139.10	149	47.10	50
145	2010	GB Cod East	Bottom Otter Trawl	NEFS 3																		
146	2010	GB Cod East	Bottom Otter Trawl	NEFS 5																		
147	2010	GB Cod East	Bottom Otter Trawl	NEFS 6																		
148	2010	GB Cod East	Bottom Otter Trawl	NEFS 7	8	16	7	43.75	0.00	0.00	0.46	11	68.75	10593	140754	7904.90	8.00	142	120.40	129	47.30	50
149	2010	GB Cod East	Bottom Otter Trawl	NEFS 8	14	35	11	31.43	0.01	0.00	0.20	7	20.00	51521	456413	119197.20	1215.00	4652	209.50	222	67.80	72
150	2010	GB Cod East	Bottom Otter Trawl	NEFS 9	18	75	15	20.00	0.01	0.00	0.25	12	16.00	98391	1136868	88211.50	663.00	8545	498.20	538	116.30	125
151	2010	GB Cod East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
152	2010	GB Cod East	Bottom Otter Trawl	Sustainable Harvest Sector 1	19	65	16	24.62	0.00	0.00	0.41	25	38.46	35625	883754	124373.90	55.00	391	441.10	471	128.80	139
153	2010	GB Cod East	Bottom Otter Trawl	Tri-State Sector																		
154	2010	GB Cod East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
155	2010	GB Cod East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
156	2010	GB Cod East	Extra Large Mesh Gillnet	NCCS																		
157	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 10																		
158	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 11																		
159	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 12																		
160	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 13																		
161	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 2																		
162	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 3																		
163	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 5																		
164	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 6																		
165	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 7																		
166	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 8																		
167	2010	GB Cod East	Extra Large Mesh Gillnet	NEFS 9																		
168	2010	GB Cod East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
169	2010	GB Cod East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
170	2010	GB Cod East	Extra Large Mesh Gillnet	Tri-State Sector																		
171	2010	GB Cod East	Haddock Otter Trawl	Fixed Gear Sector																		
172	2010	GB Cod East	Haddock Otter Trawl	Maine Coast Community Sector																		
173	2010	GB Cod East	Haddock Otter Trawl	NCCS																		
174	2010	GB Cod East	Haddock Otter Trawl	NEFS 10																		
175	2010	GB Cod East	Haddock Otter Trawl	NEFS 11																		
176	2010	GB Cod East	Haddock Otter Trawl	NEFS 12																		
177	2010	GB Cod East	Haddock Otter Trawl	NEFS 13																		
178	2010	GB Cod East	Haddock Otter Trawl	NEFS 2	10	36	12	33.33	0.00	0.00	0.36	16	44.44	13265	507634	176294.80	263.00	757	205.10	220	85.20	92
179	2010	GB Cod East	Haddock Otter Trawl	NEFS 3																		
180	2010	GB Cod East	Haddock Otter Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
181	2010	GB Cod East	Haddock Otter Trawl	NEFS 6																		
182	2010	GB Cod East	Haddock Otter Trawl	NEFS 7																		
183	2010	GB Cod East	Haddock Otter Trawl	NEFS 8	6	10	3	30.00	0.00	0.00	0.71	8	80.00	8111	144734	28404.70	29.00	148	75.10	80	24.80	26
184	2010	GB Cod East	Haddock Otter Trawl	NEFS 9	3	8	8	100.00	0.01	0.00	0.00	0	0.00	6202	30746	102780.80	655.00	196	28.00	30	61.90	65
185	2010	GB Cod East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
186	2010	GB Cod East	Haddock Otter Trawl	Sustainable Harvest Sector 1	16	92	27	29.35	0.00	0.00	0.45	45	48.91	38451	1680431	420003.80	713.00	2853	595.00	631	213.90	233
187	2010	GB Cod East	Haddock Otter Trawl	Tri-State Sector																		
188	2010	GB Cod East	Handline	Fixed Gear Sector																		
189	2010	GB Cod East	Handline	Maine Coast Community Sector																		
190	2010	GB Cod East	Handline	NCCS																		
191	2010	GB Cod East	Handline	NEFS 10																		
192	2010	GB Cod East	Handline	NEFS 11																		
193	2010	GB Cod East	Handline	NEFS 12																		
194	2010	GB Cod East	Handline	NEFS 13																		
195	2010	GB Cod East	Handline	NEFS 2																		
196	2010	GB Cod East	Handline	NEFS 3																		
197	2010	GB Cod East	Handline	NEFS 5																		
198	2010	GB Cod East	Handline	NEFS 6																		
199	2010	GB Cod East	Handline	NEFS 7																		
200	2010	GB Cod East	Handline	NEFS 8																		
201	2010	GB Cod East	Handline	NEFS 9																		
202	2010	GB Cod East	Handline	Port Clyde Community Groundfish Sector																		
203	2010	GB Cod East	Handline	Sustainable Harvest Sector 1																		
204	2010	GB Cod East	Handline	Tri-State Sector																		
205	2010	GB Cod East	Large Mesh Gillnet	Fixed Gear Sector																		
206	2010	GB Cod East	Large Mesh Gillnet	Maine Coast Community Sector																		
207	2010	GB Cod East	Large Mesh Gillnet	NCCS																		
208	2010	GB Cod East	Large Mesh Gillnet	NEFS 10																		
209	2010	GB Cod East	Large Mesh Gillnet	NEFS 11																		
210	2010	GB Cod East	Large Mesh Gillnet	NEFS 12																		
211	2010	GB Cod East	Large Mesh Gillnet	NEFS 13																		
212	2010	GB Cod East	Large Mesh Gillnet	NEFS 2																		
213	2010	GB Cod East	Large Mesh Gillnet	NEFS 3																		
214	2010	GB Cod East	Large Mesh Gillnet	NEFS 5																		
215	2010	GB Cod East	Large Mesh Gillnet	NEFS 6																		
216	2010	GB Cod East	Large Mesh Gillnet	NEFS 7																		
217	2010	GB Cod East	Large Mesh Gillnet	NEFS 8																		
218	2010	GB Cod East	Large Mesh Gillnet	NEFS 9																		
219	2010	GB Cod East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
220	2010	GB Cod East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
221	2010	GB Cod East	Large Mesh Gillnet	Tri-State Sector																		
222	2010	GB Cod East	Ruhle Trawl	Fixed Gear Sector																		
223	2010	GB Cod East	Ruhle Trawl	Maine Coast Community Sector																		
224	2010	GB Cod East	Ruhle Trawl	NCCS																		
225	2010	GB Cod East	Ruhle Trawl	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
226	2010	GB Cod East	Ruhle Trawl	NEFS 11																		
227	2010	GB Cod East	Ruhle Trawl	NEFS 12																		
228	2010	GB Cod East	Ruhle Trawl	NEFS 13																		
229	2010	GB Cod East	Ruhle Trawl	NEFS 2																		
230	2010	GB Cod East	Ruhle Trawl	NEFS 3																		
231	2010	GB Cod East	Ruhle Trawl	NEFS 5																		
232	2010	GB Cod East	Ruhle Trawl	NEFS 6																		
233	2010	GB Cod East	Ruhle Trawl	NEFS 7																		
234	2010	GB Cod East	Ruhle Trawl	NEFS 8																		
235	2010	GB Cod East	Ruhle Trawl	NEFS 9																		
236	2010	GB Cod East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
237	2010	GB Cod East	Ruhle Trawl	Sustainable Harvest Sector 1																		
238	2010	GB Cod East	Ruhle Trawl	Tri-State Sector																		
239	2010	GB Cod West	Bottom Longline	Fixed Gear Sector	16	224	108	48.21	0.00	0.00	0.20	66	29.46	43264	747072	372177.40	1608.00	3228	143.60	283	76.70	142
240	2010	GB Cod West	Bottom Longline	Maine Coast Community Sector																		
241	2010	GB Cod West	Bottom Longline	NCCS																		
242	2010	GB Cod West	Bottom Longline	NEFS 10																		
243	2010	GB Cod West	Bottom Longline	NEFS 11																		
244	2010	GB Cod West	Bottom Longline	NEFS 12																		
245	2010	GB Cod West	Bottom Longline	NEFS 13																		
246	2010	GB Cod West	Bottom Longline	NEFS 2																		
247	2010	GB Cod West	Bottom Longline	NEFS 3																		
248	2010	GB Cod West	Bottom Longline	NEFS 5																		
249	2010	GB Cod West	Bottom Longline	NEFS 6																		
250	2010	GB Cod West	Bottom Longline	NEFS 7																		
251	2010	GB Cod West	Bottom Longline	NEFS 8																		
252	2010	GB Cod West	Bottom Longline	NEFS 9																		
253	2010	GB Cod West	Bottom Longline	Port Clyde Community Groundfish Sector																		
254	2010	GB Cod West	Bottom Longline	Sustainable Harvest Sector 1																		
255	2010	GB Cod West	Bottom Longline	Tri-State Sector																		
256	2010	GB Cod West	Bottom Otter Trawl	Fixed Gear Sector																		
257	2010	GB Cod West	Bottom Otter Trawl	Maine Coast Community Sector																		
258	2010	GB Cod West	Bottom Otter Trawl	NCCS																		
259	2010	GB Cod West	Bottom Otter Trawl	NEFS 10																		
260	2010	GB Cod West	Bottom Otter Trawl	NEFS 11																		
261	2010	GB Cod West	Bottom Otter Trawl	NEFS 12																		
262	2010	GB Cod West	Bottom Otter Trawl	NEFS 13	62	328	76	23.17	0.00	0.00	0.24	54	16.46	420677	4074900	780625.80	3177.00	16584	965.00	1094	295.90	336
263	2010	GB Cod West	Bottom Otter Trawl	NEFS 2	30	236	74	31.36	0.00	0.00	0.16	28	11.86	742333	4275772	910380.40	2483.00	11662	938.50	1037	307.70	345
264	2010	GB Cod West	Bottom Otter Trawl	NEFS 3																		
265	2010	GB Cod West	Bottom Otter Trawl	NEFS 5	76	604	230	38.08	0.00	0.00	0.16	92	15.23	242933	6120366	2572383.00	10510.00	25006	737.60	1074	239.00	373
266	2010	GB Cod West	Bottom Otter Trawl	NEFS 6	10	91	24	26.37	0.00	0.00	0.38	34	37.36	308316	2015333	274194.00	292.00	2146	461.20	503	122.40	134
267	2010	GB Cod West	Bottom Otter Trawl	NEFS 7	27	243	49	20.16	0.00	0.00	0.26	40	16.46	295315	2943920	687964.30	1676.00	7172	807.00	893	263.30	289
268	2010	GB Cod West	Bottom Otter Trawl	NEFS 8	33	177	36	20.34	0.00	0.00	0.24	26	14.69	432979	3301463	551554.30	2719.00	16275	826.60	891	220.30	236
269	2010	GB Cod West	Bottom Otter Trawl	NEFS 9	58	431	78	18.10	0.01	0.00	0.14	21	4.87	1196150	7217048	1665165.70	16220.00	70300	1781.60	1937	612.50	655
270	2010	GB Cod West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
271	2010	GB Cod West	Bottom Otter Trawl	Sustainable Harvest Sector 1	60	417	146	35.01	0.00	0.00	0.18	67	16.07	764953	6378221	1291179.60	3098.00	15304	1987.90	2163	877.90	950
272	2010	GB Cod West	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.30	7	36.84	33691	594126	196414.20	842.00	2547	108.20	118	47.10	52
273	2010	GB Cod West	Extra Large Mesh Gillnet	Fixed Gear Sector	29	891	363	40.74	0.00	0.00	0.26	305	34.23	8284	5878322	1977497.40	416.00	1237	386.60	1038	168.00	423
274	2010	GB Cod West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
275	2010	GB Cod West	Extra Large Mesh Gillnet	NCCS																		
276	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 10	5	19	5	26.32	0.00	0.00	0.00	0	0.00	1268	97131	12535.50	0.00	0	29.70	42	7.10	10
277	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 11	8	114	13	11.40	0.00	0.00	0.00	0	0.00	0	416893	47045.20	0.00	0	59.40	123	6.50	13
278	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 12																		
279	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 13																		
280	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 2																		
281	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 3	13	117	24	20.51	0.00	0.00	0.59	59	50.43	0	815174	151424.20	32.00	172	107.40	182	25.60	40
282	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
283	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 6																		
284	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.49	57	43.85	231	1011612	325364.50	42.00	131	97.80	166	29.80	45
285	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 8																		
286	2010	GB Cod West	Extra Large Mesh Gillnet	NEFS 9																		
287	2010	GB Cod West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
288	2010	GB Cod West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	3	21	3	14.29	0.00	0.00	0.00	0	0.00	519	103957	12541.20	0.00	0	24.30	38	2.20	4
289	2010	GB Cod West	Extra Large Mesh Gillnet	Tri-State Sector																		
290	2010	GB Cod West	Haddock Otter Trawl	Fixed Gear Sector																		
291	2010	GB Cod West	Haddock Otter Trawl	Maine Coast Community Sector																		
292	2010	GB Cod West	Haddock Otter Trawl	NCCS																		
293	2010	GB Cod West	Haddock Otter Trawl	NEFS 10																		
294	2010	GB Cod West	Haddock Otter Trawl	NEFS 11																		
295	2010	GB Cod West	Haddock Otter Trawl	NEFS 12																		
296	2010	GB Cod West	Haddock Otter Trawl	NEFS 13																		
297	2010	GB Cod West	Haddock Otter Trawl	NEFS 2	14	25	16	64.00	0.00	0.00	0.31	17	68.00	62275	666002	236521.50	1051.00	2959	142.70	153	107.70	116
298	2010	GB Cod West	Haddock Otter Trawl	NEFS 3																		
299	2010	GB Cod West	Haddock Otter Trawl	NEFS 5																		
300	2010	GB Cod West	Haddock Otter Trawl	NEFS 6																		
301	2010	GB Cod West	Haddock Otter Trawl	NEFS 7	4	11	11	100.00	0.00	0.00	0.00	0	0.00	23226	198657	125792.30	193.00	305	55.40	59	74.90	81
302	2010	GB Cod West	Haddock Otter Trawl	NEFS 8																		
303	2010	GB Cod West	Haddock Otter Trawl	NEFS 9																		
304	2010	GB Cod West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
305	2010	GB Cod West	Haddock Otter Trawl	Sustainable Harvest Sector 1	27	152	51	33.55	0.00	0.00	0.34	61	40.13	317870	3707387	1331035.60	5927.00	16509	796.80	859	345.80	374
306	2010	GB Cod West	Haddock Otter Trawl	Tri-State Sector																		
307	2010	GB Cod West	Handline	Fixed Gear Sector	5	97	54	55.67	0.01	0.00	0.33	59	60.82	17873	175064	32889.10	219.00	1166	44.00	105	21.90	61
308	2010	GB Cod West	Handline	Maine Coast Community Sector																		
309	2010	GB Cod West	Handline	NCCS																		
310	2010	GB Cod West	Handline	NEFS 10																		
311	2010	GB Cod West	Handline	NEFS 11																		
312	2010	GB Cod West	Handline	NEFS 12																		
313	2010	GB Cod West	Handline	NEFS 13																		
314	2010	GB Cod West	Handline	NEFS 2																		
315	2010	GB Cod West	Handline	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
316	2010	GB Cod West	Handline	NEFS 5																		
317	2010	GB Cod West	Handline	NEFS 6																		
318	2010	GB Cod West	Handline	NEFS 7																		
319	2010	GB Cod West	Handline	NEFS 8																		
320	2010	GB Cod West	Handline	NEFS 9																		
321	2010	GB Cod West	Handline	Port Clyde Community Groundfish Sector																		
322	2010	GB Cod West	Handline	Sustainable Harvest Sector 1																		
323	2010	GB Cod West	Handline	Tri-State Sector																		
324	2010	GB Cod West	Large Mesh Gillnet	Fixed Gear Sector	17	609	231	37.93	0.02	0.00	0.08	28	4.60	384250	2169317	516185.30	8230.00	34587	248.70	625	99.40	236
325	2010	GB Cod West	Large Mesh Gillnet	Maine Coast Community Sector																		
326	2010	GB Cod West	Large Mesh Gillnet	NCCS																		
327	2010	GB Cod West	Large Mesh Gillnet	NEFS 10																		
328	2010	GB Cod West	Large Mesh Gillnet	NEFS 11																		
329	2010	GB Cod West	Large Mesh Gillnet	NEFS 12																		
330	2010	GB Cod West	Large Mesh Gillnet	NEFS 13																		
331	2010	GB Cod West	Large Mesh Gillnet	NEFS 2																		
332	2010	GB Cod West	Large Mesh Gillnet	NEFS 3	4	8	2	25.00	0.00	0.00	0.00	0	0.00	1991	37606	1117.80	0.00	0	8.00	13	1.70	3
333	2010	GB Cod West	Large Mesh Gillnet	NEFS 5																		
334	2010	GB Cod West	Large Mesh Gillnet	NEFS 6																		
335	2010	GB Cod West	Large Mesh Gillnet	NEFS 7	4	17	5	29.41	0.00	0.00	0.50	10	58.82	4480	60681	17558.50	47.00	162	18.80	24	7.20	8
336	2010	GB Cod West	Large Mesh Gillnet	NEFS 8																		
337	2010	GB Cod West	Large Mesh Gillnet	NEFS 9																		
338	2010	GB Cod West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
339	2010	GB Cod West	Large Mesh Gillnet	Sustainable Harvest Sector 1	3	4	2	50.00	0.00	0.00	0.10	1	25.00	2460	48121	25190.10	34.00	65	19.90	22	16.60	18
340	2010	GB Cod West	Large Mesh Gillnet	Tri-State Sector																		
341	2010	GB Cod West	Ruhle Trawl	Fixed Gear Sector																		
342	2010	GB Cod West	Ruhle Trawl	Maine Coast Community Sector																		
343	2010	GB Cod West	Ruhle Trawl	NCCS																		
344	2010	GB Cod West	Ruhle Trawl	NEFS 10																		
345	2010	GB Cod West	Ruhle Trawl	NEFS 11																		
346	2010	GB Cod West	Ruhle Trawl	NEFS 12																		
347	2010	GB Cod West	Ruhle Trawl	NEFS 13	3	16	16	100.00	0.00	0.00	0.00	0	0.00	3111	334655	285418.40	613.00	719	42.90	45	104.30	110
348	2010	GB Cod West	Ruhle Trawl	NEFS 2																		
349	2010	GB Cod West	Ruhle Trawl	NEFS 3																		
350	2010	GB Cod West	Ruhle Trawl	NEFS 5	4	9	1	11.11	0.00					12941	132487	2033.00	7.00	456	56.80	61	2.50	3
351	2010	GB Cod West	Ruhle Trawl	NEFS 6																		
352	2010	GB Cod West	Ruhle Trawl	NEFS 7																		
353	2010	GB Cod West	Ruhle Trawl	NEFS 8																		
354	2010	GB Cod West	Ruhle Trawl	NEFS 9																		
355	2010	GB Cod West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
356	2010	GB Cod West	Ruhle Trawl	Sustainable Harvest Sector 1	4	6	6	100.00	0.01	0.00	0.00	0	0.00	1371	97055	95871.40	553.00	560	25.90	27	38.90	42
357	2010	GB Cod West	Ruhle Trawl	Tri-State Sector																		
358	2010	GB Haddock East	Bottom Longline	Fixed Gear Sector	7	56	12	21.43	0.02	0.00	0.28	11	19.64	311731	490159	84828.00	1444.00	8344	107.20	123	22.70	25
359	2010	GB Haddock East	Bottom Longline	Maine Coast Community Sector																		
360	2010	GB Haddock East	Bottom Longline	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
361	2010	GB Haddock East	Bottom Longline	NEFS 10																		
362	2010	GB Haddock East	Bottom Longline	NEFS 11																		
363	2010	GB Haddock East	Bottom Longline	NEFS 12																		
364	2010	GB Haddock East	Bottom Longline	NEFS 13																		
365	2010	GB Haddock East	Bottom Longline	NEFS 2																		
366	2010	GB Haddock East	Bottom Longline	NEFS 3																		
367	2010	GB Haddock East	Bottom Longline	NEFS 5																		
368	2010	GB Haddock East	Bottom Longline	NEFS 6																		
369	2010	GB Haddock East	Bottom Longline	NEFS 7																		
370	2010	GB Haddock East	Bottom Longline	NEFS 8																		
371	2010	GB Haddock East	Bottom Longline	NEFS 9																		
372	2010	GB Haddock East	Bottom Longline	Port Clyde Community Groundfish Sector																		
373	2010	GB Haddock East	Bottom Longline	Sustainable Harvest Sector 1																		
374	2010	GB Haddock East	Bottom Longline	Tri-State Sector																		
375	2010	GB Haddock East	Bottom Otter Trawl	Fixed Gear Sector																		
376	2010	GB Haddock East	Bottom Otter Trawl	Maine Coast Community Sector																		
377	2010	GB Haddock East	Bottom Otter Trawl	NCCS																		
378	2010	GB Haddock East	Bottom Otter Trawl	NEFS 10																		
379	2010	GB Haddock East	Bottom Otter Trawl	NEFS 11																		
380	2010	GB Haddock East	Bottom Otter Trawl	NEFS 12																		
381	2010	GB Haddock East	Bottom Otter Trawl	NEFS 13	13	22	5	22.73	0.00	0.00	0.67	14	63.64	78719	193261	10830.70	31.00	553	143.30	151	32.90	35
382	2010	GB Haddock East	Bottom Otter Trawl	NEFS 2	11	21	7	33.33	0.00	0.00	0.33	8	38.10	246355	432120	87400.60	139.00	687	139.10	149	47.10	50
383	2010	GB Haddock East	Bottom Otter Trawl	NEFS 3																		
384	2010	GB Haddock East	Bottom Otter Trawl	NEFS 5																		
385	2010	GB Haddock East	Bottom Otter Trawl	NEFS 6																		
386	2010	GB Haddock East	Bottom Otter Trawl	NEFS 7	8	16	7	43.75	0.00	0.00	0.00	0	0.00	47131	140754	7904.90	0.00	0	120.40	129	47.30	50
387	2010	GB Haddock East	Bottom Otter Trawl	NEFS 8	14	35	11	31.43	0.00	0.00	0.43	17	48.57	199822	456413	119197.20	415.00	1589	209.50	222	67.80	72
388	2010	GB Haddock East	Bottom Otter Trawl	NEFS 9	18	75	15	20.00	0.00	0.00	0.52	32	42.67	648970	1136868	88211.50	281.00	3622	498.20	538	116.30	125
389	2010	GB Haddock East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
390	2010	GB Haddock East	Bottom Otter Trawl	Sustainable Harvest Sector 1	19	65	16	24.62	0.00	0.00	0.34	20	30.77	441207	912555	124373.90	66.00	484	441.10	471	128.80	139
391	2010	GB Haddock East	Bottom Otter Trawl	Tri-State Sector																		
392	2010	GB Haddock East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
393	2010	GB Haddock East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
394	2010	GB Haddock East	Extra Large Mesh Gillnet	NCCS																		
395	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 10																		
396	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 11																		
397	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 12																		
398	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 13																		
399	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 2																		
400	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 3																		
401	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 5																		
402	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 6																		
403	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 7																		
404	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 8																		
405	2010	GB Haddock East	Extra Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
406	2010	GB Haddock East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
407	2010	GB Haddock East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
408	2010	GB Haddock East	Extra Large Mesh Gillnet	Tri-State Sector																		
409	2010	GB Haddock East	Haddock Otter Trawl	Fixed Gear Sector																		
410	2010	GB Haddock East	Haddock Otter Trawl	Maine Coast Community Sector																		
411	2010	GB Haddock East	Haddock Otter Trawl	NCCS																		
412	2010	GB Haddock East	Haddock Otter Trawl	NEFS 10																		
413	2010	GB Haddock East	Haddock Otter Trawl	NEFS 11																		
414	2010	GB Haddock East	Haddock Otter Trawl	NEFS 12																		
415	2010	GB Haddock East	Haddock Otter Trawl	NEFS 13																		
416	2010	GB Haddock East	Haddock Otter Trawl	NEFS 2	10	36	12	33.33	0.01	0.00	0.33	14	38.89	406429	504983	176294.80	1036.00	2968	205.10	220	85.20	92
417	2010	GB Haddock East	Haddock Otter Trawl	NEFS 3																		
418	2010	GB Haddock East	Haddock Otter Trawl	NEFS 5																		
419	2010	GB Haddock East	Haddock Otter Trawl	NEFS 6																		
420	2010	GB Haddock East	Haddock Otter Trawl	NEFS 7																		
421	2010	GB Haddock East	Haddock Otter Trawl	NEFS 8	6	10	3	30.00	0.01	0.00	0.24	3	30.00	129906	144734	28404.70	173.00	882	75.10	80	24.80	26
422	2010	GB Haddock East	Haddock Otter Trawl	NEFS 9	3	8	8	100.00	0.01	0.00	0.00	0	0.00	20837	30746	102780.80	798.00	239	28.00	30	61.90	65
423	2010	GB Haddock East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
424	2010	GB Haddock East	Haddock Otter Trawl	Sustainable Harvest Sector 1	16	92	27	29.35	0.01	0.00	0.19	14	15.22	1382721	1681029	420003.80	4071.00	16294	595.00	631	213.90	233
425	2010	GB Haddock East	Haddock Otter Trawl	Tri-State Sector																		
426	2010	GB Haddock East	Handline	Fixed Gear Sector																		
427	2010	GB Haddock East	Handline	Maine Coast Community Sector																		
428	2010	GB Haddock East	Handline	NCCS																		
429	2010	GB Haddock East	Handline	NEFS 10																		
430	2010	GB Haddock East	Handline	NEFS 11																		
431	2010	GB Haddock East	Handline	NEFS 12																		
432	2010	GB Haddock East	Handline	NEFS 13																		
433	2010	GB Haddock East	Handline	NEFS 2																		
434	2010	GB Haddock East	Handline	NEFS 3																		
435	2010	GB Haddock East	Handline	NEFS 5																		
436	2010	GB Haddock East	Handline	NEFS 6																		
437	2010	GB Haddock East	Handline	NEFS 7																		
438	2010	GB Haddock East	Handline	NEFS 8																		
439	2010	GB Haddock East	Handline	NEFS 9																		
440	2010	GB Haddock East	Handline	Port Clyde Community Groundfish Sector																		
441	2010	GB Haddock East	Handline	Sustainable Harvest Sector 1																		
442	2010	GB Haddock East	Handline	Tri-State Sector																		
443	2010	GB Haddock East	Large Mesh Gillnet	Fixed Gear Sector																		
444	2010	GB Haddock East	Large Mesh Gillnet	Maine Coast Community Sector																		
445	2010	GB Haddock East	Large Mesh Gillnet	NCCS																		
446	2010	GB Haddock East	Large Mesh Gillnet	NEFS 10																		
447	2010	GB Haddock East	Large Mesh Gillnet	NEFS 11																		
448	2010	GB Haddock East	Large Mesh Gillnet	NEFS 12																		
449	2010	GB Haddock East	Large Mesh Gillnet	NEFS 13																		
450	2010	GB Haddock East	Large Mesh Gillnet	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
451	2010	GB Haddock East	Large Mesh Gillnet	NEFS 3																		
452	2010	GB Haddock East	Large Mesh Gillnet	NEFS 5																		
453	2010	GB Haddock East	Large Mesh Gillnet	NEFS 6																		
454	2010	GB Haddock East	Large Mesh Gillnet	NEFS 7																		
455	2010	GB Haddock East	Large Mesh Gillnet	NEFS 8																		
456	2010	GB Haddock East	Large Mesh Gillnet	NEFS 9																		
457	2010	GB Haddock East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
458	2010	GB Haddock East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
459	2010	GB Haddock East	Large Mesh Gillnet	Tri-State Sector																		
460	2010	GB Haddock East	Ruhle Trawl	Fixed Gear Sector																		
461	2010	GB Haddock East	Ruhle Trawl	Maine Coast Community Sector																		
462	2010	GB Haddock East	Ruhle Trawl	NCCS																		
463	2010	GB Haddock East	Ruhle Trawl	NEFS 10																		
464	2010	GB Haddock East	Ruhle Trawl	NEFS 11																		
465	2010	GB Haddock East	Ruhle Trawl	NEFS 12																		
466	2010	GB Haddock East	Ruhle Trawl	NEFS 13																		
467	2010	GB Haddock East	Ruhle Trawl	NEFS 2																		
468	2010	GB Haddock East	Ruhle Trawl	NEFS 3																		
469	2010	GB Haddock East	Ruhle Trawl	NEFS 5																		
470	2010	GB Haddock East	Ruhle Trawl	NEFS 6																		
471	2010	GB Haddock East	Ruhle Trawl	NEFS 7																		
472	2010	GB Haddock East	Ruhle Trawl	NEFS 8																		
473	2010	GB Haddock East	Ruhle Trawl	NEFS 9																		
474	2010	GB Haddock East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
475	2010	GB Haddock East	Ruhle Trawl	Sustainable Harvest Sector 1																		
476	2010	GB Haddock East	Ruhle Trawl	Tri-State Sector																		
477	2010	GB Haddock West	Bottom Longline	Fixed Gear Sector	16	224	108	48.21	0.01	0.00	0.21	73	32.59	384059	747072	372177.40	2303.00	4623	143.60	283	76.70	142
478	2010	GB Haddock West	Bottom Longline	Maine Coast Community Sector																		
479	2010	GB Haddock West	Bottom Longline	NCCS																		
480	2010	GB Haddock West	Bottom Longline	NEFS 10																		
481	2010	GB Haddock West	Bottom Longline	NEFS 11																		
482	2010	GB Haddock West	Bottom Longline	NEFS 12																		
483	2010	GB Haddock West	Bottom Longline	NEFS 13																		
484	2010	GB Haddock West	Bottom Longline	NEFS 2																		
485	2010	GB Haddock West	Bottom Longline	NEFS 3																		
486	2010	GB Haddock West	Bottom Longline	NEFS 5																		
487	2010	GB Haddock West	Bottom Longline	NEFS 6																		
488	2010	GB Haddock West	Bottom Longline	NEFS 7																		
489	2010	GB Haddock West	Bottom Longline	NEFS 8																		
490	2010	GB Haddock West	Bottom Longline	NEFS 9																		
491	2010	GB Haddock West	Bottom Longline	Port Clyde Community Groundfish Sector																		
492	2010	GB Haddock West	Bottom Longline	Sustainable Harvest Sector 1																		
493	2010	GB Haddock West	Bottom Longline	Tri-State Sector																		
494	2010	GB Haddock West	Bottom Otter Trawl	Fixed Gear Sector																		
495	2010	GB Haddock West	Bottom Otter Trawl	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
496	2010	GB Haddock West	Bottom Otter Trawl	NCCS																		
497	2010	GB Haddock West	Bottom Otter Trawl	NEFS 10																		
498	2010	GB Haddock West	Bottom Otter Trawl	NEFS 11																		
499	2010	GB Haddock West	Bottom Otter Trawl	NEFS 12																		
500	2010	GB Haddock West	Bottom Otter Trawl	NEFS 13	62	328	76	23.17	0.00	0.00	0.46	135	41.16	1820908	4074900	780625.80	397.00	2072	965.00	1094	295.90	336
501	2010	GB Haddock West	Bottom Otter Trawl	NEFS 2	30	236	74	31.36	0.00	0.00	0.31	77	32.63	1291564	4275772	910380.40	139.00	653	938.50	1037	307.70	345
502	2010	GB Haddock West	Bottom Otter Trawl	NEFS 3																		
503	2010	GB Haddock West	Bottom Otter Trawl	NEFS 5	76	604	230	38.08	0.00	0.00	0.39	310	51.32	589158	6118055	2572383.00	1145.00	2723	737.60	1074	239.00	373
504	2010	GB Haddock West	Bottom Otter Trawl	NEFS 6	10	91	24	26.37	0.00	0.00	0.62	56	61.54	94895	2015333	274194.00	2.00	15	461.20	503	122.40	134
505	2010	GB Haddock West	Bottom Otter Trawl	NEFS 7	27	243	49	20.16	0.00	0.00	0.20	26	10.70	570656	2974481	687964.30	655.00	2832	807.00	893	263.30	289
506	2010	GB Haddock West	Bottom Otter Trawl	NEFS 8	33	177	36	20.34	0.00	0.00	0.35	45	25.42	906704	3301463	551554.30	451.00	2700	826.60	891	220.30	236
507	2010	GB Haddock West	Bottom Otter Trawl	NEFS 9	58	431	78	18.10	0.00	0.00	0.26	60	13.92	2107136	7217048	1665165.70	2391.00	10363	1781.60	1937	612.50	655
508	2010	GB Haddock West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
509	2010	GB Haddock West	Bottom Otter Trawl	Sustainable Harvest Sector 1	60	417	146	35.01	0.00	0.00	0.29	142	34.05	2321596	6306023	1291179.60	460.00	2247	1987.90	2163	877.90	950
510	2010	GB Haddock West	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.01	0.00	0.50	12	63.16	368005	594126	196414.20	1130.00	3418	108.20	118	47.10	52
511	2010	GB Haddock West	Extra Large Mesh Gillnet	Fixed Gear Sector	29	891	363	40.74	0.00	0.00	0.33	410	46.02	1012	5878322	1977497.40	102.00	303	386.60	1038	168.00	423
512	2010	GB Haddock West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
513	2010	GB Haddock West	Extra Large Mesh Gillnet	NCCS																		
514	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 10	5	19	5	26.32	0.00	0.00	0.00	0	0.00	63	97131	12535.50	0.00	0	29.70	42	7.10	10
515	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 11	8	114	13	11.40	0.00	0.00	0.00	0	0.00	0	416893	47045.20	0.00	0	59.40	123	6.50	13
516	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 12																		
517	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 13																		
518	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 2																		
519	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 3	13	117	24	20.51	0.00	0.00	0.00	0	0.00	0	815174	151424.20	0.00	0	107.40	182	25.60	40
520	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
521	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 6																		
522	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
523	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 8																		
524	2010	GB Haddock West	Extra Large Mesh Gillnet	NEFS 9																		
525	2010	GB Haddock West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
526	2010	GB Haddock West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	3	21	3	14.29	0.00	0.00	0.00	0	0.00	0	103957	12541.20	0.00	0	24.30	38	2.20	4
527	2010	GB Haddock West	Extra Large Mesh Gillnet	Tri-State Sector																		
528	2010	GB Haddock West	Haddock Otter Trawl	Fixed Gear Sector																		
529	2010	GB Haddock West	Haddock Otter Trawl	Maine Coast Community Sector																		
530	2010	GB Haddock West	Haddock Otter Trawl	NCCS																		
531	2010	GB Haddock West	Haddock Otter Trawl	NEFS 10																		
532	2010	GB Haddock West	Haddock Otter Trawl	NEFS 11																		
533	2010	GB Haddock West	Haddock Otter Trawl	NEFS 12																		
534	2010	GB Haddock West	Haddock Otter Trawl	NEFS 13																		
535	2010	GB Haddock West	Haddock Otter Trawl	NEFS 2	14	25	16	64.00	0.00	0.00	0.22	13	52.00	328536	666002	236521.50	97.00	273	142.70	153	107.70	116
536	2010	GB Haddock West	Haddock Otter Trawl	NEFS 3																		
537	2010	GB Haddock West	Haddock Otter Trawl	NEFS 5																		
538	2010	GB Haddock West	Haddock Otter Trawl	NEFS 6																		
539	2010	GB Haddock West	Haddock Otter Trawl	NEFS 7	4	11	11	100.00	0.00	0.00	0.00	0	0.00	106847	213123	125792.30	251.00	425	55.40	59	74.90	81
540	2010	GB Haddock West	Haddock Otter Trawl	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
541	2010	GB Haddock West	Haddock Otter Trawl	NEFS 9																		
542	2010	GB Haddock West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
543	2010	GB Haddock West	Haddock Otter Trawl	Sustainable Harvest Sector 1	27	152	51	33.55	0.00	0.00	0.40	72	47.37	2819935	3718228	1331035.60	4810.00	13437	796.80	859	345.80	374
544	2010	GB Haddock West	Haddock Otter Trawl	Tri-State Sector																		
545	2010	GB Haddock West	Handline	Fixed Gear Sector	5	97	54	55.67	0.00	0.00	0.00	0	0.00	195	175064	32889.10	0.00	0	44.00	105	21.90	61
546	2010	GB Haddock West	Handline	Maine Coast Community Sector																		
547	2010	GB Haddock West	Handline	NCCS																		
548	2010	GB Haddock West	Handline	NEFS 10																		
549	2010	GB Haddock West	Handline	NEFS 11																		
550	2010	GB Haddock West	Handline	NEFS 12																		
551	2010	GB Haddock West	Handline	NEFS 13																		
552	2010	GB Haddock West	Handline	NEFS 2																		
553	2010	GB Haddock West	Handline	NEFS 3																		
554	2010	GB Haddock West	Handline	NEFS 5																		
555	2010	GB Haddock West	Handline	NEFS 6																		
556	2010	GB Haddock West	Handline	NEFS 7																		
557	2010	GB Haddock West	Handline	NEFS 8																		
558	2010	GB Haddock West	Handline	NEFS 9																		
559	2010	GB Haddock West	Handline	Port Clyde Community Groundfish Sector																		
560	2010	GB Haddock West	Handline	Sustainable Harvest Sector 1																		
561	2010	GB Haddock West	Handline	Tri-State Sector																		
562	2010	GB Haddock West	Large Mesh Gillnet	Fixed Gear Sector	17	609	231	37.93	0.00	0.00	0.15	83	13.63	56896	2169317	516185.30	900.00	3782	248.70	625	99.40	236
563	2010	GB Haddock West	Large Mesh Gillnet	Maine Coast Community Sector																		
564	2010	GB Haddock West	Large Mesh Gillnet	NCCS																		
565	2010	GB Haddock West	Large Mesh Gillnet	NEFS 10																		
566	2010	GB Haddock West	Large Mesh Gillnet	NEFS 11																		
567	2010	GB Haddock West	Large Mesh Gillnet	NEFS 12																		
568	2010	GB Haddock West	Large Mesh Gillnet	NEFS 13																		
569	2010	GB Haddock West	Large Mesh Gillnet	NEFS 2																		
570	2010	GB Haddock West	Large Mesh Gillnet	NEFS 3	4	8	2	25.00	0.00	0.00	0.00	0	0.00	116	37606	1117.80	0.00	0	8.00	13	1.70	3
571	2010	GB Haddock West	Large Mesh Gillnet	NEFS 5																		
572	2010	GB Haddock West	Large Mesh Gillnet	NEFS 6																		
573	2010	GB Haddock West	Large Mesh Gillnet	NEFS 7	4	17	5	29.41	0.00	0.00	0.00	0	0.00	138	60681	17558.50	0.00	0	18.80	24	7.20	8
574	2010	GB Haddock West	Large Mesh Gillnet	NEFS 8																		
575	2010	GB Haddock West	Large Mesh Gillnet	NEFS 9																		
576	2010	GB Haddock West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
577	2010	GB Haddock West	Large Mesh Gillnet	Sustainable Harvest Sector 1	3	4	2	50.00	0.00	0.00	1.14	4	100.00	69	48121	25190.10	2.00	4	19.90	22	16.60	18
578	2010	GB Haddock West	Large Mesh Gillnet	Tri-State Sector																		
579	2010	GB Haddock West	Ruhle Trawl	Fixed Gear Sector																		
580	2010	GB Haddock West	Ruhle Trawl	Maine Coast Community Sector																		
581	2010	GB Haddock West	Ruhle Trawl	NCCS																		
582	2010	GB Haddock West	Ruhle Trawl	NEFS 10																		
583	2010	GB Haddock West	Ruhle Trawl	NEFS 11																		
584	2010	GB Haddock West	Ruhle Trawl	NEFS 12																		
585	2010	GB Haddock West	Ruhle Trawl	NEFS 13	3	16	16	100.00	0.00	0.00	0.00	0	0.00	280481	334655	285418.40	457.00	536	42.90	45	104.30	110

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
586	2010	GB Haddock West	Ruhle Trawl	NEFS 2																		
587	2010	GB Haddock West	Ruhle Trawl	NEFS 3																		
588	2010	GB Haddock West	Ruhle Trawl	NEFS 5	4	9	1	11.11	0.00					110403	130534	2033.00	7.00	449	56.80	61	2.50	3
589	2010	GB Haddock West	Ruhle Trawl	NEFS 6																		
590	2010	GB Haddock West	Ruhle Trawl	NEFS 7																		
591	2010	GB Haddock West	Ruhle Trawl	NEFS 8																		
592	2010	GB Haddock West	Ruhle Trawl	NEFS 9																		
593	2010	GB Haddock West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
594	2010	GB Haddock West	Ruhle Trawl	Sustainable Harvest Sector 1	4	6	6	100.00	0.01	0.00	0.00	0	0.00	125903	105495	95871.40	518.00	570	25.90	27	38.90	42
595	2010	GB Haddock West	Ruhle Trawl	Tri-State Sector																		
596	2010	GB Winter Flounder	Bottom Longline	Fixed Gear Sector	14	84	34	40.48	0.00	0.00	0.42	49	58.33	962	617753	145592.00	15.00	64	139.20	166	50.80	62
597	2010	GB Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
598	2010	GB Winter Flounder	Bottom Longline	NCCS																		
599	2010	GB Winter Flounder	Bottom Longline	NEFS 10																		
600	2010	GB Winter Flounder	Bottom Longline	NEFS 11																		
601	2010	GB Winter Flounder	Bottom Longline	NEFS 12																		
602	2010	GB Winter Flounder	Bottom Longline	NEFS 13																		
603	2010	GB Winter Flounder	Bottom Longline	NEFS 2																		
604	2010	GB Winter Flounder	Bottom Longline	NEFS 3																		
605	2010	GB Winter Flounder	Bottom Longline	NEFS 5																		
606	2010	GB Winter Flounder	Bottom Longline	NEFS 6																		
607	2010	GB Winter Flounder	Bottom Longline	NEFS 7																		
608	2010	GB Winter Flounder	Bottom Longline	NEFS 8																		
609	2010	GB Winter Flounder	Bottom Longline	NEFS 9																		
610	2010	GB Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
611	2010	GB Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
612	2010	GB Winter Flounder	Bottom Longline	Tri-State Sector																		
613	2010	GB Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
614	2010	GB Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
615	2010	GB Winter Flounder	Bottom Otter Trawl	NCCS																		
616	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 10																		
617	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 11																		
618	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 12																		
619	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 13	39	180	37	20.56	0.00	0.00	0.44	64	35.56	310568	3078224	520322.70	902.00	5336	742.00	802	231.40	251
620	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 2	27	79	24	30.38	0.00	0.00	0.53	46	58.23	17834	1955052	322736.20	267.00	1617	431.40	462	153.00	164
621	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 3																		
622	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 5	23	48	12	25.00	0.00	0.00	0.54	26	54.17	57911	920401	268804.20	135.00	462	266.80	286	79.20	85
623	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 6	3	15	2	13.33	0.00	0.00	0.17	1	6.67	1195	246212	74329.60	21.00	70	89.90	95	13.60	15
624	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 7	21	173	35	20.23	0.00	0.00	0.42	58	33.53	422087	2491359	580032.10	1362.00	5850	698.20	756	237.60	256
625	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 8	28	145	29	20.00	0.00	0.00	0.49	59	40.69	630372	3011206	568889.50	1154.00	6108	783.00	836	188.50	200
626	2010	GB Winter Flounder	Bottom Otter Trawl	NEFS 9	48	325	63	19.38	0.00	0.00	0.25	47	14.46	1213014	5938706	1151109.80	3834.00	19780	1451.80	1570	493.60	528
627	2010	GB Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
628	2010	GB Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	48	231	47	20.35	0.00	0.00	0.55	108	46.75	183189	4030236	460484.10	43.00	376	1173.70	1256	359.90	388
629	2010	GB Winter Flounder	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.38	10	52.63	45800	594126	196414.20	93.00	281	108.20	118	47.10	52
630	2010	GB Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
631	2010	GB Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
632	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
633	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
634	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
635	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
636	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
637	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
638	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 3																		
639	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
640	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
641	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
642	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
643	2010	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
644	2010	GB Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
645	2010	GB Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
646	2010	GB Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
647	2010	GB Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
648	2010	GB Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
649	2010	GB Winter Flounder	Haddock Otter Trawl	NCCS																		
650	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 10																		
651	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 11																		
652	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 12																		
653	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 13																		
654	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 2	19	49	16	32.65	0.00	0.00	0.49	28	57.14	3396	859767	324238.10	134.00	355	256.10	274	107.70	116
655	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 3																		
656	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 5																		
657	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 6																		
658	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 7	5	15	14	93.33	0.00	0.00	0.15	12	80.00	22303	226133	166862.90	54.00	73	102.50	109	101.10	109
659	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 8	7	11	10	90.91	0.00	0.00	0.10	6	54.55	22971	168449	94169.80	15.00	27	75.10	80	81.50	86
660	2010	GB Winter Flounder	Haddock Otter Trawl	NEFS 9	4	11	11	100.00	0.00	0.00	0.00	0	0.00	916	33023	118651.90	54.00	15	34.00	36	76.90	82
661	2010	GB Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
662	2010	GB Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	29	176	49	27.84	0.00	0.00	0.49	89	50.57	117416	3967233	1336277.60	450.00	1336	835.30	890	361.90	390
663	2010	GB Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
664	2010	GB Winter Flounder	Handline	Fixed Gear Sector																		
665	2010	GB Winter Flounder	Handline	Maine Coast Community Sector																		
666	2010	GB Winter Flounder	Handline	NCCS																		
667	2010	GB Winter Flounder	Handline	NEFS 10																		
668	2010	GB Winter Flounder	Handline	NEFS 11																		
669	2010	GB Winter Flounder	Handline	NEFS 12																		
670	2010	GB Winter Flounder	Handline	NEFS 13																		
671	2010	GB Winter Flounder	Handline	NEFS 2																		
672	2010	GB Winter Flounder	Handline	NEFS 3																		
673	2010	GB Winter Flounder	Handline	NEFS 5																		
674	2010	GB Winter Flounder	Handline	NEFS 6																		
675	2010	GB Winter Flounder	Handline	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
676	2010	GB Winter Flounder	Handline	NEFS 8																		
677	2010	GB Winter Flounder	Handline	NEFS 9																		
678	2010	GB Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
679	2010	GB Winter Flounder	Handline	Sustainable Harvest Sector 1																		
680	2010	GB Winter Flounder	Handline	Tri-State Sector																		
681	2010	GB Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
682	2010	GB Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
683	2010	GB Winter Flounder	Large Mesh Gillnet	NCCS																		
684	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 10																		
685	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 11																		
686	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 12																		
687	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 13																		
688	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 2																		
689	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 3																		
690	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 5																		
691	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 6																		
692	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 7																		
693	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 8																		
694	2010	GB Winter Flounder	Large Mesh Gillnet	NEFS 9																		
695	2010	GB Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
696	2010	GB Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
697	2010	GB Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
698	2010	GB Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
699	2010	GB Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
700	2010	GB Winter Flounder	Ruhle Trawl	NCCS																		
701	2010	GB Winter Flounder	Ruhle Trawl	NEFS 10																		
702	2010	GB Winter Flounder	Ruhle Trawl	NEFS 11																		
703	2010	GB Winter Flounder	Ruhle Trawl	NEFS 12																		
704	2010	GB Winter Flounder	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	1039	287947	302159.80	32.00	30	46.70	49	104.30	110
705	2010	GB Winter Flounder	Ruhle Trawl	NEFS 2																		
706	2010	GB Winter Flounder	Ruhle Trawl	NEFS 3																		
707	2010	GB Winter Flounder	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					4812	131431	2033.00	0.00	0	63.10	68	2.50	3
708	2010	GB Winter Flounder	Ruhle Trawl	NEFS 6																		
709	2010	GB Winter Flounder	Ruhle Trawl	NEFS 7																		
710	2010	GB Winter Flounder	Ruhle Trawl	NEFS 8																		
711	2010	GB Winter Flounder	Ruhle Trawl	NEFS 9																		
712	2010	GB Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
713	2010	GB Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	4	6	6	100.00	0.00	0.00	0.00	0	0.00	6952	103976	98408.90	16.00	17	27.10	28	38.00	41
714	2010	GB Winter Flounder	Ruhle Trawl	Tri-State Sector																		
715	2010	GB Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	14	84	34	40.48	0.00	0.00	0.55	59	70.24	99	617753	145592.00	3.00	13	139.20	166	50.80	62
716	2010	GB Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
717	2010	GB Yellowtail Flounder	Bottom Longline	NCCS																		
718	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 10																		
719	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 11																		
720	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
721	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 13																		
722	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 2																		
723	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 3																		
724	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 5																		
725	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 6																		
726	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 7																		
727	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 8																		
728	2010	GB Yellowtail Flounder	Bottom Longline	NEFS 9																		
729	2010	GB Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
730	2010	GB Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
731	2010	GB Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
732	2010	GB Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
733	2010	GB Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
734	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
735	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
736	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
737	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
738	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	39	180	37	20.56	0.00	0.00	0.27	31	17.22	239917	3084695	520322.70	2410.00	14288	742.00	802	231.40	251
739	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	27	79	24	30.38	0.00	0.00	0.31	25	31.65	25438	1944408	322736.20	672.00	4049	431.40	462	153.00	164
740	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
741	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	23	48	12	25.00	0.01	0.00	0.48	22	45.83	115376	920401	268804.20	2306.00	7896	266.80	286	79.20	85
742	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	3	15	2	13.33	0.00	0.00	0.17	1	6.67	6270	246212	74329.60	29.00	96	89.90	95	13.60	15
743	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	21	173	35	20.23	0.00	0.00	0.22	21	12.14	187949	2521920	580032.10	2263.00	9839	698.20	756	237.60	256
744	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	28	145	29	20.00	0.01	0.00	0.21	16	11.03	239500	3011206	568889.50	2919.00	15451	783.00	836	188.50	200
745	2010	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	48	325	63	19.38	0.01	0.00	0.23	41	12.62	444119	5938706	1151109.80	12038.00	62105	1451.80	1570	493.60	528
746	2010	GB Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
747	2010	GB Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	48	231	47	20.35	0.00	0.00	0.32	53	22.94	42346	4057459	460484.10	772.00	6802	1173.70	1256	359.90	388
748	2010	GB Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.01	0.00	0.25	6	31.58	105000	594126	196414.20	1564.00	4731	108.20	118	47.10	52
749	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
750	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
751	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
752	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
753	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
754	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
755	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
756	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
757	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3																		
758	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
759	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
760	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
761	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
762	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
763	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
764	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
765	2010	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
766	2010	GB Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
767	2010	GB Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
768	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
769	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
770	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
771	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
772	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
773	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	19	49	16	32.65	0.01	0.00	0.44	25	51.02	4358	848619	324238.10	2194.00	5742	256.10	274	107.70	116
774	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
775	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
776	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
777	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 7	5	15	14	93.33	0.00	0.00	0.11	11	73.33	12740	240599	166862.90	729.00	1051	102.50	109	101.10	109
778	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 8	7	11	10	90.91	0.02	0.00	0.19	9	81.82	1806	168449	94169.80	2051.00	3669	75.10	80	81.50	86
779	2010	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 9	4	11	11	100.00	0.01	0.00	0.00	0	0.00	824	33023	118651.90	1177.00	328	34.00	36	76.90	82
780	2010	GB Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
781	2010	GB Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	29	176	49	27.84	0.00	0.00	0.19	23	13.07	46692	4015622	1336277.60	3354.00	10079	835.30	890	361.90	390
782	2010	GB Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
783	2010	GB Yellowtail Flounder	Handline	Fixed Gear Sector																		
784	2010	GB Yellowtail Flounder	Handline	Maine Coast Community Sector																		
785	2010	GB Yellowtail Flounder	Handline	NCCS																		
786	2010	GB Yellowtail Flounder	Handline	NEFS 10																		
787	2010	GB Yellowtail Flounder	Handline	NEFS 11																		
788	2010	GB Yellowtail Flounder	Handline	NEFS 12																		
789	2010	GB Yellowtail Flounder	Handline	NEFS 13																		
790	2010	GB Yellowtail Flounder	Handline	NEFS 2																		
791	2010	GB Yellowtail Flounder	Handline	NEFS 3																		
792	2010	GB Yellowtail Flounder	Handline	NEFS 5																		
793	2010	GB Yellowtail Flounder	Handline	NEFS 6																		
794	2010	GB Yellowtail Flounder	Handline	NEFS 7																		
795	2010	GB Yellowtail Flounder	Handline	NEFS 8																		
796	2010	GB Yellowtail Flounder	Handline	NEFS 9																		
797	2010	GB Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
798	2010	GB Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
799	2010	GB Yellowtail Flounder	Handline	Tri-State Sector																		
800	2010	GB Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
801	2010	GB Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
802	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
803	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
804	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
805	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
806	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
807	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
808	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
809	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
810	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
811	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
812	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
813	2010	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
814	2010	GB Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
815	2010	GB Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
816	2010	GB Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
817	2010	GB Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
818	2010	GB Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
819	2010	GB Yellowtail Flounder	Ruhle Trawl	NCCS																		
820	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
821	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
822	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
823	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	18850	341984	302159.80	484.00	548	46.70	49	104.30	110
824	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
825	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
826	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					4821	131431	2033.00	1.00	65	63.10	68	2.50	3
827	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
828	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
829	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
830	2010	GB Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
831	2010	GB Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
832	2010	GB Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	4	6	6	100.00	0.00	0.00	0.00	0	0.00	254	103976	98408.90	60.00	63	27.10	28	38.00	41
833	2010	GB Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
834	2010	GOM Cod	Bottom Longline	Fixed Gear Sector	7	44	10	22.73	0.14	0.00	0.14	3	6.82	106332	156494	33945.50	4673.00	21543	32.50	54	6.10	10
835	2010	GOM Cod	Bottom Longline	Maine Coast Community Sector																		
836	2010	GOM Cod	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	5445	10907	1473.80	0.00	0	16.90	37	5.30	12
837	2010	GOM Cod	Bottom Longline	NEFS 10	5	42	9	21.43	0.01	0.00	0.40	14	33.33	50795	75781	11484.20	120.00	792	17.40	43	4.30	9
838	2010	GOM Cod	Bottom Longline	NEFS 11																		
839	2010	GOM Cod	Bottom Longline	NEFS 12																		
840	2010	GOM Cod	Bottom Longline	NEFS 13																		
841	2010	GOM Cod	Bottom Longline	NEFS 2																		
842	2010	GOM Cod	Bottom Longline	NEFS 3	6	111	36	32.43	0.04	0.00	0.20	20	18.02	30191	136422	43339.60	1938.00	6100	61.80	122	19.30	37
843	2010	GOM Cod	Bottom Longline	NEFS 5																		
844	2010	GOM Cod	Bottom Longline	NEFS 6																		
845	2010	GOM Cod	Bottom Longline	NEFS 7																		
846	2010	GOM Cod	Bottom Longline	NEFS 8																		
847	2010	GOM Cod	Bottom Longline	NEFS 9																		
848	2010	GOM Cod	Bottom Longline	Port Clyde Community Groundfish Sector																		
849	2010	GOM Cod	Bottom Longline	Sustainable Harvest Sector 1																		
850	2010	GOM Cod	Bottom Longline	Tri-State Sector																		
851	2010	GOM Cod	Bottom Otter Trawl	Fixed Gear Sector																		
852	2010	GOM Cod	Bottom Otter Trawl	Maine Coast Community Sector																		
853	2010	GOM Cod	Bottom Otter Trawl	NCCS																		
854	2010	GOM Cod	Bottom Otter Trawl	NEFS 10	10	153	58	37.91	0.02	0.00	0.14	18	11.76	182493	357269	113016.00	2142.00	6771	66.60	158	23.30	58
855	2010	GOM Cod	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.01	0.00	0.24	12	23.08	91800	134828	41008.80	318.00	1046	25.70	55	8.40	18

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
856	2010	GOM Cod	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.01	0.00	0.28	26	43.33	94176	134601	45136.00	599.00	1786	24.50	63	11.40	27
857	2010	GOM Cod	Bottom Otter Trawl	NEFS 13																		
858	2010	GOM Cod	Bottom Otter Trawl	NEFS 2	60	1403	474	33.78	0.01	0.00	0.09	58	4.13	2148224	4793229	1447594.50	16279.00	53903	1232.10	2016	448.10	708
859	2010	GOM Cod	Bottom Otter Trawl	NEFS 3																		
860	2010	GOM Cod	Bottom Otter Trawl	NEFS 5																		
861	2010	GOM Cod	Bottom Otter Trawl	NEFS 6	10	107	26	24.30	0.00	0.00	0.26	21	19.63	191725	1196059	322068.50	234.00	869	438.60	484	113.40	126
862	2010	GOM Cod	Bottom Otter Trawl	NEFS 7																		
863	2010	GOM Cod	Bottom Otter Trawl	NEFS 8	5	8	2	25.00	0.00	0.00	0.00	0	0.00	12524	107678	9901.50	0.00	0	42.40	46	10.00	11
864	2010	GOM Cod	Bottom Otter Trawl	NEFS 9	21	50	14	28.00	0.00	0.00	0.38	19	38.00	177365	1110661	301320.00	214.00	789	274.40	295	109.40	117
865	2010	GOM Cod	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.29	45	36.29	64693	404917	133989.40	185.00	559	207.90	266	76.50	98
866	2010	GOM Cod	Bottom Otter Trawl	Sustainable Harvest Sector 1	89	823	245	29.77	0.00	0.00	0.17	102	12.39	1090561	12331734	3684233.20	3835.00	12836	3060.90	3434	1148.60	1271
867	2010	GOM Cod	Bottom Otter Trawl	Tri-State Sector																		
868	2010	GOM Cod	Extra Large Mesh Gillnet	Fixed Gear Sector																		
869	2010	GOM Cod	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
870	2010	GOM Cod	Extra Large Mesh Gillnet	NCCS																		
871	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 10	7	116	64	55.17	0.00	0.00	0.22	46	39.66	8674	210623	78133.90	112.00	302	76.70	145	43.70	81
872	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 11	14	244	79	32.38	0.02	0.00	0.37	103	42.21	180979	715197	106301.60	2067.00	13907	109.40	260	46.00	92
873	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 12																		
874	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 13																		
875	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 2																		
876	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 3	28	588	199	33.84	0.00	0.00	0.14	63	10.71	251716	1934883	369820.70	1551.00	8115	270.20	640	80.60	202
877	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 5																		
878	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 6																		
879	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 7																		
880	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 8																		
881	2010	GOM Cod	Extra Large Mesh Gillnet	NEFS 9																		
882	2010	GOM Cod	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
883	2010	GOM Cod	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	4	27	9	33.33	0.03	0.00	0.25	8	29.63	34405	199524	15655.80	392.00	4996	120.10	139	30.40	36
884	2010	GOM Cod	Extra Large Mesh Gillnet	Tri-State Sector																		
885	2010	GOM Cod	Haddock Otter Trawl	Fixed Gear Sector																		
886	2010	GOM Cod	Haddock Otter Trawl	Maine Coast Community Sector																		
887	2010	GOM Cod	Haddock Otter Trawl	NCCS																		
888	2010	GOM Cod	Haddock Otter Trawl	NEFS 10																		
889	2010	GOM Cod	Haddock Otter Trawl	NEFS 11																		
890	2010	GOM Cod	Haddock Otter Trawl	NEFS 12																		
891	2010	GOM Cod	Haddock Otter Trawl	NEFS 13																		
892	2010	GOM Cod	Haddock Otter Trawl	NEFS 2																		
893	2010	GOM Cod	Haddock Otter Trawl	NEFS 3																		
894	2010	GOM Cod	Haddock Otter Trawl	NEFS 5																		
895	2010	GOM Cod	Haddock Otter Trawl	NEFS 6																		
896	2010	GOM Cod	Haddock Otter Trawl	NEFS 7																		
897	2010	GOM Cod	Haddock Otter Trawl	NEFS 8																		
898	2010	GOM Cod	Haddock Otter Trawl	NEFS 9																		
899	2010	GOM Cod	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
900	2010	GOM Cod	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	21	21	100.00	0.00	0.00	0.00	0	0.00	4867	98357	152211.70	102.00	66	35.40	38	153.40	165

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
901	2010	GOM Cod	Haddock Otter Trawl	Tri-State Sector																		
902	2010	GOM Cod	Handline	Fixed Gear Sector	4	22	10	45.45	0.25	0.00	0.11	3	13.64	24803	25611	11310.00	2853.00	6461	25.60	35	5.70	10
903	2010	GOM Cod	Handline	Maine Coast Community Sector																		
904	2010	GOM Cod	Handline	NCCS																		
905	2010	GOM Cod	Handline	NEFS 10	3	9	8	88.89	0.03	0.00	0.06	3	33.33	18605	15899	14370.60	386.00	427	3.80	9	3.90	8
906	2010	GOM Cod	Handline	NEFS 11																		
907	2010	GOM Cod	Handline	NEFS 12																		
908	2010	GOM Cod	Handline	NEFS 13																		
909	2010	GOM Cod	Handline	NEFS 2																		
910	2010	GOM Cod	Handline	NEFS 3																		
911	2010	GOM Cod	Handline	NEFS 5																		
912	2010	GOM Cod	Handline	NEFS 6																		
913	2010	GOM Cod	Handline	NEFS 7																		
914	2010	GOM Cod	Handline	NEFS 8																		
915	2010	GOM Cod	Handline	NEFS 9																		
916	2010	GOM Cod	Handline	Port Clyde Community Groundfish Sector																		
917	2010	GOM Cod	Handline	Sustainable Harvest Sector 1																		
918	2010	GOM Cod	Handline	Tri-State Sector																		
919	2010	GOM Cod	Large Mesh Gillnet	Fixed Gear Sector																		
920	2010	GOM Cod	Large Mesh Gillnet	Maine Coast Community Sector																		
921	2010	GOM Cod	Large Mesh Gillnet	NCCS																		
922	2010	GOM Cod	Large Mesh Gillnet	NEFS 10	9	290	122	42.07	0.00	0.00	0.11	27	9.31	115026	696017	263817.90	1260.00	3324	130.80	317	63.20	137
923	2010	GOM Cod	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.08	45	4.68	764159	2958754	1078659.60	3331.00	9137	548.00	1201	215.50	445
924	2010	GOM Cod	Large Mesh Gillnet	NEFS 12																		
925	2010	GOM Cod	Large Mesh Gillnet	NEFS 13																		
926	2010	GOM Cod	Large Mesh Gillnet	NEFS 2																		
927	2010	GOM Cod	Large Mesh Gillnet	NEFS 3	35	1502	532	35.42	0.01	0.00	0.07	39	2.60	1394022	2829392	937022.30	5271.00	15916	527.70	1542	196.40	538
928	2010	GOM Cod	Large Mesh Gillnet	NEFS 5																		
929	2010	GOM Cod	Large Mesh Gillnet	NEFS 6																		
930	2010	GOM Cod	Large Mesh Gillnet	NEFS 7																		
931	2010	GOM Cod	Large Mesh Gillnet	NEFS 8																		
932	2010	GOM Cod	Large Mesh Gillnet	NEFS 9																		
933	2010	GOM Cod	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.12	26	7.28	258003	982739	310534.60	904.00	2861	194.60	408	63.30	127
934	2010	GOM Cod	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	99	42	42.42	0.00	0.00	0.12	11	11.11	146272	947670	433636.10	1033.00	2258	296.60	346	158.30	181
935	2010	GOM Cod	Large Mesh Gillnet	Tri-State Sector																		
936	2010	GOM Cod	Ruhle Trawl	Fixed Gear Sector																		
937	2010	GOM Cod	Ruhle Trawl	Maine Coast Community Sector																		
938	2010	GOM Cod	Ruhle Trawl	NCCS																		
939	2010	GOM Cod	Ruhle Trawl	NEFS 10																		
940	2010	GOM Cod	Ruhle Trawl	NEFS 11																		
941	2010	GOM Cod	Ruhle Trawl	NEFS 12																		
942	2010	GOM Cod	Ruhle Trawl	NEFS 13																		
943	2010	GOM Cod	Ruhle Trawl	NEFS 2																		
944	2010	GOM Cod	Ruhle Trawl	NEFS 3																		
945	2010	GOM Cod	Ruhle Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
946	2010	GOM Cod	Ruhle Trawl	NEFS 6																		
947	2010	GOM Cod	Ruhle Trawl	NEFS 7																		
948	2010	GOM Cod	Ruhle Trawl	NEFS 8																		
949	2010	GOM Cod	Ruhle Trawl	NEFS 9																		
950	2010	GOM Cod	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
951	2010	GOM Cod	Ruhle Trawl	Sustainable Harvest Sector 1																		
952	2010	GOM Cod	Ruhle Trawl	Tri-State Sector																		
953	2010	GOM Haddock	Bottom Longline	Fixed Gear Sector	7	44	10	22.73	0.00	0.00	0.93	33	75.00	44517	156494	33945.50	2.00	9	32.50	54	6.10	10
954	2010	GOM Haddock	Bottom Longline	Maine Coast Community Sector																		
955	2010	GOM Haddock	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.46	20	57.14	483	10907	1473.80	5.00	37	16.90	37	5.30	12
956	2010	GOM Haddock	Bottom Longline	NEFS 10	5	42	9	21.43	0.00	0.00	0.46	17	40.48	5109	72922	11484.20	7.00	44	17.40	43	4.30	9
957	2010	GOM Haddock	Bottom Longline	NEFS 11																		
958	2010	GOM Haddock	Bottom Longline	NEFS 12																		
959	2010	GOM Haddock	Bottom Longline	NEFS 13																		
960	2010	GOM Haddock	Bottom Longline	NEFS 2																		
961	2010	GOM Haddock	Bottom Longline	NEFS 3	6	111	36	32.43	0.00	0.00	0.30	37	33.33	57550	136422	43339.60	90.00	283	61.80	122	19.30	37
962	2010	GOM Haddock	Bottom Longline	NEFS 5																		
963	2010	GOM Haddock	Bottom Longline	NEFS 6																		
964	2010	GOM Haddock	Bottom Longline	NEFS 7																		
965	2010	GOM Haddock	Bottom Longline	NEFS 8																		
966	2010	GOM Haddock	Bottom Longline	NEFS 9																		
967	2010	GOM Haddock	Bottom Longline	Port Clyde Community Groundfish Sector																		
968	2010	GOM Haddock	Bottom Longline	Sustainable Harvest Sector 1																		
969	2010	GOM Haddock	Bottom Longline	Tri-State Sector																		
970	2010	GOM Haddock	Bottom Otter Trawl	Fixed Gear Sector																		
971	2010	GOM Haddock	Bottom Otter Trawl	Maine Coast Community Sector																		
972	2010	GOM Haddock	Bottom Otter Trawl	NCCS																		
973	2010	GOM Haddock	Bottom Otter Trawl	NEFS 10	10	153	58	37.91	0.00	0.00	0.79	124	81.05	1087	357269	113016.00	1.00	3	66.60	158	23.30	58
974	2010	GOM Haddock	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.00	0	0.00	7931	134828	41008.80	0.00	0	25.70	55	8.40	18
975	2010	GOM Haddock	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.00	0	0.00	349	134601	45136.00	0.00	0	24.50	63	11.40	27
976	2010	GOM Haddock	Bottom Otter Trawl	NEFS 13																		
977	2010	GOM Haddock	Bottom Otter Trawl	NEFS 2	60	1403	474	33.78	0.00	0.00	0.18	215	15.32	303982	4793229	1447594.50	231.00	765	1232.10	2016	448.10	708
978	2010	GOM Haddock	Bottom Otter Trawl	NEFS 3																		
979	2010	GOM Haddock	Bottom Otter Trawl	NEFS 5																		
980	2010	GOM Haddock	Bottom Otter Trawl	NEFS 6	10	107	26	24.30	0.00	0.00	0.75	72	67.29	11867	1196059	322068.50	1.00	4	438.60	484	113.40	126
981	2010	GOM Haddock	Bottom Otter Trawl	NEFS 7																		
982	2010	GOM Haddock	Bottom Otter Trawl	NEFS 8	5	8	2	25.00	0.00	0.00	0.00	0	0.00	445	107678	9901.50	0.00	0	42.40	46	10.00	11
983	2010	GOM Haddock	Bottom Otter Trawl	NEFS 9	21	50	14	28.00	0.00	0.00	0.45	24	48.00	11295	1110661	301320.00	16.00	59	274.40	295	109.40	117
984	2010	GOM Haddock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.78	100	80.65	4021	404917	133989.40	3.00	9	207.90	266	76.50	98
985	2010	GOM Haddock	Bottom Otter Trawl	Sustainable Harvest Sector 1	89	823	245	29.77	0.00	0.00	0.28	228	27.70	248870	12331734	3684233.20	495.00	1657	3060.90	3434	1148.60	1271
986	2010	GOM Haddock	Bottom Otter Trawl	Tri-State Sector																		
987	2010	GOM Haddock	Extra Large Mesh Gillnet	Fixed Gear Sector																		
988	2010	GOM Haddock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
989	2010	GOM Haddock	Extra Large Mesh Gillnet	NCCS																		
990	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 10	7	116	64	55.17	0.00	0.00	0.68	101	87.07	148	210623	78133.90	1.00	3	76.70	145	43.70	81

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
991	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 11	14	244	79	32.38	0.00	0.00	0.33	92	37.70	1526	715197	106301.60	58.00	390	109.40	260	46.00	92
992	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 12																		
993	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 13																		
994	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 2																		
995	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 3	28	588	199	33.84	0.00	0.00	0.30	199	33.84	2958	1934883	369820.70	58.00	303	270.20	640	80.60	202
996	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 5																		
997	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 6																		
998	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 7																		
999	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 8																		
1000	2010	GOM Haddock	Extra Large Mesh Gillnet	NEFS 9																		
1001	2010	GOM Haddock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1002	2010	GOM Haddock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	4	27	9	33.33	0.00	0.00	0.20	5	18.52	601	199524	15655.80	32.00	408	120.10	139	30.40	36
1003	2010	GOM Haddock	Extra Large Mesh Gillnet	Tri-State Sector																		
1004	2010	GOM Haddock	Haddock Otter Trawl	Fixed Gear Sector																		
1005	2010	GOM Haddock	Haddock Otter Trawl	Maine Coast Community Sector																		
1006	2010	GOM Haddock	Haddock Otter Trawl	NCCS																		
1007	2010	GOM Haddock	Haddock Otter Trawl	NEFS 10																		
1008	2010	GOM Haddock	Haddock Otter Trawl	NEFS 11																		
1009	2010	GOM Haddock	Haddock Otter Trawl	NEFS 12																		
1010	2010	GOM Haddock	Haddock Otter Trawl	NEFS 13																		
1011	2010	GOM Haddock	Haddock Otter Trawl	NEFS 2																		
1012	2010	GOM Haddock	Haddock Otter Trawl	NEFS 3																		
1013	2010	GOM Haddock	Haddock Otter Trawl	NEFS 5																		
1014	2010	GOM Haddock	Haddock Otter Trawl	NEFS 6																		
1015	2010	GOM Haddock	Haddock Otter Trawl	NEFS 7																		
1016	2010	GOM Haddock	Haddock Otter Trawl	NEFS 8																		
1017	2010	GOM Haddock	Haddock Otter Trawl	NEFS 9																		
1018	2010	GOM Haddock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1019	2010	GOM Haddock	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	21	21	100.00	0.00	0.00	0.00	0	0.00	3945	98357	152211.70	226.00	146	35.40	38	153.40	165
1020	2010	GOM Haddock	Haddock Otter Trawl	Tri-State Sector																		
1021	2010	GOM Haddock	Handline	Fixed Gear Sector	4	22	10	45.45	0.00	0.00	0.00	0	0.00	49	25611	11310.00	0.00	0	25.60	35	5.70	10
1022	2010	GOM Haddock	Handline	Maine Coast Community Sector																		
1023	2010	GOM Haddock	Handline	NCCS																		
1024	2010	GOM Haddock	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1025	2010	GOM Haddock	Handline	NEFS 11																		
1026	2010	GOM Haddock	Handline	NEFS 12																		
1027	2010	GOM Haddock	Handline	NEFS 13																		
1028	2010	GOM Haddock	Handline	NEFS 2																		
1029	2010	GOM Haddock	Handline	NEFS 3																		
1030	2010	GOM Haddock	Handline	NEFS 5																		
1031	2010	GOM Haddock	Handline	NEFS 6																		
1032	2010	GOM Haddock	Handline	NEFS 7																		
1033	2010	GOM Haddock	Handline	NEFS 8																		
1034	2010	GOM Haddock	Handline	NEFS 9																		
1035	2010	GOM Haddock	Handline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1036	2010	GOM Haddock	Handline	Sustainable Harvest Sector 1																		
1037	2010	GOM Haddock	Handline	Tri-State Sector																		
1038	2010	GOM Haddock	Large Mesh Gillnet	Fixed Gear Sector																		
1039	2010	GOM Haddock	Large Mesh Gillnet	Maine Coast Community Sector																		
1040	2010	GOM Haddock	Large Mesh Gillnet	NCCS																		
1041	2010	GOM Haddock	Large Mesh Gillnet	NEFS 10	9	290	122	42.07	0.00	0.00	0.48	188	64.83	1002	696017	263817.90	19.00	50	130.80	317	63.20	137
1042	2010	GOM Haddock	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.19	191	19.85	8170	2958754	1078659.60	140.00	384	548.00	1201	215.50	445
1043	2010	GOM Haddock	Large Mesh Gillnet	NEFS 12																		
1044	2010	GOM Haddock	Large Mesh Gillnet	NEFS 13																		
1045	2010	GOM Haddock	Large Mesh Gillnet	NEFS 2																		
1046	2010	GOM Haddock	Large Mesh Gillnet	NEFS 3	35	1502	532	35.42	0.00	0.00	0.19	273	18.18	83216	2829392	937022.30	246.00	743	527.70	1542	196.40	538
1047	2010	GOM Haddock	Large Mesh Gillnet	NEFS 5																		
1048	2010	GOM Haddock	Large Mesh Gillnet	NEFS 6																		
1049	2010	GOM Haddock	Large Mesh Gillnet	NEFS 7																		
1050	2010	GOM Haddock	Large Mesh Gillnet	NEFS 8																		
1051	2010	GOM Haddock	Large Mesh Gillnet	NEFS 9																		
1052	2010	GOM Haddock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.25	86	24.09	1751	982739	310534.60	46.00	146	194.60	408	63.30	127
1053	2010	GOM Haddock	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	99	42	42.42	0.00	0.00	0.22	28	28.28	1721	947670	433636.10	128.00	280	296.60	346	158.30	181
1054	2010	GOM Haddock	Large Mesh Gillnet	Tri-State Sector																		
1055	2010	GOM Haddock	Ruhle Trawl	Fixed Gear Sector																		
1056	2010	GOM Haddock	Ruhle Trawl	Maine Coast Community Sector																		
1057	2010	GOM Haddock	Ruhle Trawl	NCCS																		
1058	2010	GOM Haddock	Ruhle Trawl	NEFS 10																		
1059	2010	GOM Haddock	Ruhle Trawl	NEFS 11																		
1060	2010	GOM Haddock	Ruhle Trawl	NEFS 12																		
1061	2010	GOM Haddock	Ruhle Trawl	NEFS 13																		
1062	2010	GOM Haddock	Ruhle Trawl	NEFS 2																		
1063	2010	GOM Haddock	Ruhle Trawl	NEFS 3																		
1064	2010	GOM Haddock	Ruhle Trawl	NEFS 5																		
1065	2010	GOM Haddock	Ruhle Trawl	NEFS 6																		
1066	2010	GOM Haddock	Ruhle Trawl	NEFS 7																		
1067	2010	GOM Haddock	Ruhle Trawl	NEFS 8																		
1068	2010	GOM Haddock	Ruhle Trawl	NEFS 9																		
1069	2010	GOM Haddock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1070	2010	GOM Haddock	Ruhle Trawl	Sustainable Harvest Sector 1																		
1071	2010	GOM Haddock	Ruhle Trawl	Tri-State Sector																		
1072	2010	GOM Winter Flounder	Bottom Longline	Fixed Gear Sector	7	44	10	22.73	0.00	0.00	0.00	0	0.00	0	156494	33945.50	0.00	0	32.50	54	6.10	10
1073	2010	GOM Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
1074	2010	GOM Winter Flounder	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
1075	2010	GOM Winter Flounder	Bottom Longline	NEFS 10	5	42	9	21.43	0.00	0.00	0.00	0	0.00	3	72922	11484.20	0.00	0	17.40	43	4.30	9
1076	2010	GOM Winter Flounder	Bottom Longline	NEFS 11																		
1077	2010	GOM Winter Flounder	Bottom Longline	NEFS 12																		
1078	2010	GOM Winter Flounder	Bottom Longline	NEFS 13																		
1079	2010	GOM Winter Flounder	Bottom Longline	NEFS 2																		
1080	2010	GOM Winter Flounder	Bottom Longline	NEFS 3	6	111	36	32.43	0.00	0.00	0.00	0	0.00	1	136422	43339.60	0.00	0	61.80	122	19.30	37

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1081	2010	GOM Winter Flounder	Bottom Longline	NEFS 5																		
1082	2010	GOM Winter Flounder	Bottom Longline	NEFS 6																		
1083	2010	GOM Winter Flounder	Bottom Longline	NEFS 7																		
1084	2010	GOM Winter Flounder	Bottom Longline	NEFS 8																		
1085	2010	GOM Winter Flounder	Bottom Longline	NEFS 9																		
1086	2010	GOM Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
1087	2010	GOM Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
1088	2010	GOM Winter Flounder	Bottom Longline	Tri-State Sector																		
1089	2010	GOM Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
1090	2010	GOM Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
1091	2010	GOM Winter Flounder	Bottom Otter Trawl	NCCS																		
1092	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 10	10	153	58	37.91	0.00	0.00	0.22	38	24.84	27723	357269	113016.00	108.00	341	66.60	158	23.30	58
1093	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.92	42	80.77	766	134828	41008.80	2.00	7	25.70	55	8.40	18
1094	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.38	35	58.33	2557	134601	45136.00	10.00	30	24.50	63	11.40	27
1095	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 13																		
1096	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 2	60	1403	474	33.78	0.00	0.00	0.17	191	13.61	67473	4793229	1447594.50	595.00	1970	1232.10	2016	448.10	708
1097	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 3																		
1098	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 5																		
1099	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 6	10	107	26	24.30	0.00	0.00	0.65	65	60.75	10607	1196059	322068.50	31.50	117	438.60	484	113.40	126
1100	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 7																		
1101	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 8	5	8	2	25.00	0.00	0.00	0.00	0	0.00	6	107678	9901.50	0.00	0	42.40	46	10.00	11
1102	2010	GOM Winter Flounder	Bottom Otter Trawl	NEFS 9	21	50	14	28.00	0.00	0.00	0.88	39	78.00	17	1110661	301320.00	1.50	6	274.40	295	109.40	117
1103	2010	GOM Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.77	99	79.84	269	404917	133989.40	20.00	60	207.90	266	76.50	98
1104	2010	GOM Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	89	823	245	29.77	0.00	0.00	0.28	222	26.97	6216	12331734	3684233.20	78.00	261	3060.90	3434	1148.60	1271
1105	2010	GOM Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
1106	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
1107	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1108	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
1109	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	7	116	64	55.17	0.00	0.00	0.00	0	0.00	168	210623	78133.90	0.00	0	76.70	145	43.70	81
1110	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	14	244	79	32.38	0.00	0.00	0.00	0	0.00	488	715197	106301.60	0.00	0	109.40	260	46.00	92
1111	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
1112	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
1113	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
1114	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	28	588	199	33.84	0.00	0.00	0.52	359	61.05	5275	1934883	369820.70	8.50	44	270.20	640	80.60	202
1115	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
1116	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
1117	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
1118	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
1119	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
1120	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1121	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	4	27	9	33.33	0.00	0.00	0.00	0	0.00	175	199524	15655.80	0.00	0	120.10	139	30.40	36
1122	2010	GOM Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
1123	2010	GOM Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
1124	2010	GOM Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
1125	2010	GOM Winter Flounder	Haddock Otter Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1126	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 10																		
1127	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 11																		
1128	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 12																		
1129	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 13																		
1130	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 2																		
1131	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 3																		
1132	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 5																		
1133	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 6																		
1134	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 7																		
1135	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 8																		
1136	2010	GOM Winter Flounder	Haddock Otter Trawl	NEFS 9																		
1137	2010	GOM Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1138	2010	GOM Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	21	21	100.00	0.00	0.00	0.00	0	0.00	15	98357	152211.70	0.00	0	35.40	38	153.40	165
1139	2010	GOM Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
1140	2010	GOM Winter Flounder	Handline	Fixed Gear Sector	4	22	10	45.45	0.00	0.00	0.00	0	0.00	0	25611	11310.00	0.00	0	25.60	35	5.70	10
1141	2010	GOM Winter Flounder	Handline	Maine Coast Community Sector																		
1142	2010	GOM Winter Flounder	Handline	NCCS																		
1143	2010	GOM Winter Flounder	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1144	2010	GOM Winter Flounder	Handline	NEFS 11																		
1145	2010	GOM Winter Flounder	Handline	NEFS 12																		
1146	2010	GOM Winter Flounder	Handline	NEFS 13																		
1147	2010	GOM Winter Flounder	Handline	NEFS 2																		
1148	2010	GOM Winter Flounder	Handline	NEFS 3																		
1149	2010	GOM Winter Flounder	Handline	NEFS 5																		
1150	2010	GOM Winter Flounder	Handline	NEFS 6																		
1151	2010	GOM Winter Flounder	Handline	NEFS 7																		
1152	2010	GOM Winter Flounder	Handline	NEFS 8																		
1153	2010	GOM Winter Flounder	Handline	NEFS 9																		
1154	2010	GOM Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
1155	2010	GOM Winter Flounder	Handline	Sustainable Harvest Sector 1																		
1156	2010	GOM Winter Flounder	Handline	Tri-State Sector																		
1157	2010	GOM Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
1158	2010	GOM Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
1159	2010	GOM Winter Flounder	Large Mesh Gillnet	NCCS																		
1160	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 10	9	290	122	42.07	0.00	0.00	0.16	51	17.59	15514	696017	263817.90	25.00	66	130.80	317	63.20	137
1161	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.25	300	31.19	1349	2958754	1078659.60	45.00	123	548.00	1201	215.50	445
1162	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 12																		
1163	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 13																		
1164	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 2																		
1165	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 3	35	1502	532	35.42	0.00	0.00	0.14	163	10.85	28700	2829392	937022.30	109.50	331	527.70	1542	196.40	538
1166	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 5																		
1167	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 6																		
1168	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 7																		
1169	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 8																		
1170	2010	GOM Winter Flounder	Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1171	2010	GOM Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.48	195	54.62	107	982739	310534.60	1.50	5	194.60	408	63.30	127
1172	2010	GOM Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	99	42	42.42	0.00	0.00	0.78	83	83.84	207	947670	433636.10	0.50	1	296.60	346	158.30	181
1173	2010	GOM Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
1174	2010	GOM Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
1175	2010	GOM Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
1176	2010	GOM Winter Flounder	Ruhle Trawl	NCCS																		
1177	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 10																		
1178	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 11																		
1179	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 12																		
1180	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 13																		
1181	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 2																		
1182	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 3																		
1183	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 5																		
1184	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 6																		
1185	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 7																		
1186	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 8																		
1187	2010	GOM Winter Flounder	Ruhle Trawl	NEFS 9																		
1188	2010	GOM Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1189	2010	GOM Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
1190	2010	GOM Winter Flounder	Ruhle Trawl	Tri-State Sector																		
1191	2010	Halibut	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.38	168	51.85	121	1393725	490950.90	92.00	261	279.00	455	101.10	172
1192	2010	Halibut	Bottom Longline	Maine Coast Community Sector																		
1193	2010	Halibut	Bottom Longline	NCCS	3	35	12	34.29	0.22	0.01	0.51	21	60.00	270	10907	1473.80	318.00	2353	16.90	37	5.30	12
1194	2010	Halibut	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
1195	2010	Halibut	Bottom Longline	NEFS 11																		
1196	2010	Halibut	Bottom Longline	NEFS 12																		
1197	2010	Halibut	Bottom Longline	NEFS 13																		
1198	2010	Halibut	Bottom Longline	NEFS 2																		
1199	2010	Halibut	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.00	0	0.00	0	138385	43339.60	0.00	0	62.20	123	19.30	37
1200	2010	Halibut	Bottom Longline	NEFS 5																		
1201	2010	Halibut	Bottom Longline	NEFS 6																		
1202	2010	Halibut	Bottom Longline	NEFS 7																		
1203	2010	Halibut	Bottom Longline	NEFS 8																		
1204	2010	Halibut	Bottom Longline	NEFS 9																		
1205	2010	Halibut	Bottom Longline	Port Clyde Community Groundfish Sector																		
1206	2010	Halibut	Bottom Longline	Sustainable Harvest Sector 1																		
1207	2010	Halibut	Bottom Longline	Tri-State Sector																		
1208	2010	Halibut	Bottom Otter Trawl	Fixed Gear Sector																		
1209	2010	Halibut	Bottom Otter Trawl	Maine Coast Community Sector																		
1210	2010	Halibut	Bottom Otter Trawl	NCCS																		
1211	2010	Halibut	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.24	67	27.35	98	606337	193252.90	183.00	574	117.30	254	41.50	92
1212	2010	Halibut	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.68	37	71.15	0	134828	41008.80	24.00	79	25.70	55	8.40	18
1213	2010	Halibut	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.74	50	83.33	0	134601	45136.00	3.00	9	24.50	63	11.40	27
1214	2010	Halibut	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.29	72	20.22	655	4291264	799783.20	620.00	3327	978.70	1111	297.00	338
1215	2010	Halibut	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.11	85	5.12	764	9495473	2445375.50	1865.00	7242	1670.10	2499	531.10	801

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1216	2010	Halibut	Bottom Otter Trawl	NEFS 3																		
1217	2010	Halibut	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.51	390	64.25	167	6112202	2572383.00	20.00	48	737.80	1075	239.00	373
1218	2010	Halibut	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.31	32	16.08	304	3234868	596262.50	237.00	1286	524.40	579	130.50	144
1219	2010	Halibut	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.27	43	16.60	182	3036154	695869.20	224.00	977	807.00	893	263.30	289
1220	2010	Halibut	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.43	66	30.00	467	3865554	680653.00	450.00	2556	910.60	981	229.30	246
1221	2010	Halibut	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.20	41	7.37	1740	9464577	2054697.20	1261.00	5809	1876.30	2038	644.10	688
1222	2010	Halibut	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.21	27	21.77	553	404917	133989.40	652.00	1970	207.90	266	76.50	98
1223	2010	Halibut	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.12	53	4.06	4652	19303473	5099786.70	1717.00	6499	3747.70	4188	1321.00	1460
1224	2010	Halibut	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.42	11	57.89	0	594126	196414.20	51.00	154	108.20	118	47.10	52
1225	2010	Halibut	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.28	336	37.54	310	5890850	1978849.40	233.00	694	388.90	1043	168.70	425
1226	2010	Halibut	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1227	2010	Halibut	Extra Large Mesh Gillnet	NCCS																		
1228	2010	Halibut	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.37	82	60.74	56	307754	90669.40	30.00	102	106.40	187	48.30	88
1229	2010	Halibut	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.28	84	23.46	503	1132090	153346.80	433.00	3197	168.80	383	52.40	105
1230	2010	Halibut	Extra Large Mesh Gillnet	NEFS 12																		
1231	2010	Halibut	Extra Large Mesh Gillnet	NEFS 13																		
1232	2010	Halibut	Extra Large Mesh Gillnet	NEFS 2																		
1233	2010	Halibut	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.22	143	20.28	540	2750057	521244.90	256.00	1351	377.60	822	106.30	242
1234	2010	Halibut	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
1235	2010	Halibut	Extra Large Mesh Gillnet	NEFS 6																		
1236	2010	Halibut	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.62	72	55.38	0	1011612	325364.50	19.00	59	97.80	166	29.80	45
1237	2010	Halibut	Extra Large Mesh Gillnet	NEFS 8																		
1238	2010	Halibut	Extra Large Mesh Gillnet	NEFS 9																		
1239	2010	Halibut	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1240	2010	Halibut	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.55	26	54.17	85	303481	28197.00	44.00	474	144.40	177	32.60	40
1241	2010	Halibut	Extra Large Mesh Gillnet	Tri-State Sector																		
1242	2010	Halibut	Haddock Otter Trawl	Fixed Gear Sector																		
1243	2010	Halibut	Haddock Otter Trawl	Maine Coast Community Sector																		
1244	2010	Halibut	Haddock Otter Trawl	NCCS																		
1245	2010	Halibut	Haddock Otter Trawl	NEFS 10																		
1246	2010	Halibut	Haddock Otter Trawl	NEFS 11																		
1247	2010	Halibut	Haddock Otter Trawl	NEFS 12																		
1248	2010	Halibut	Haddock Otter Trawl	NEFS 13																		
1249	2010	Halibut	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.38	23	33.33	240	1201398	484424.30	272.00	675	297.90	320	107.70	116
1250	2010	Halibut	Haddock Otter Trawl	NEFS 3																		
1251	2010	Halibut	Haddock Otter Trawl	NEFS 5																		
1252	2010	Halibut	Haddock Otter Trawl	NEFS 6																		
1253	2010	Halibut	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.37	15	93.75	0	206865	166862.90	11.00	14	104.40	111	101.10	109
1254	2010	Halibut	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.14	9	75.00	30	169627	99223.20	54.00	92	76.60	82	86.70	92
1255	2010	Halibut	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	0	33023	159774.50	97.00	20	34.00	36	96.40	102
1256	2010	Halibut	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1257	2010	Halibut	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.27	51	20.40	489	5347121	1903251.10	479.00	1346	1022.70	1101	424.50	459
1258	2010	Halibut	Haddock Otter Trawl	Tri-State Sector																		
1259	2010	Halibut	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	47	200676	44199.10	0.00	0	69.60	140	27.60	71
1260	2010	Halibut	Handline	Maine Coast Community Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1261	2010	Halibut	Handline	NCCS																		
1262	2010	Halibut	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1263	2010	Halibut	Handline	NEFS 11																		
1264	2010	Halibut	Handline	NEFS 12																		
1265	2010	Halibut	Handline	NEFS 13																		
1266	2010	Halibut	Handline	NEFS 2																		
1267	2010	Halibut	Handline	NEFS 3																		
1268	2010	Halibut	Handline	NEFS 5																		
1269	2010	Halibut	Handline	NEFS 6																		
1270	2010	Halibut	Handline	NEFS 7																		
1271	2010	Halibut	Handline	NEFS 8																		
1272	2010	Halibut	Handline	NEFS 9																		
1273	2010	Halibut	Handline	Port Clyde Community Groundfish Sector																		
1274	2010	Halibut	Handline	Sustainable Harvest Sector 1																		
1275	2010	Halibut	Handline	Tri-State Sector																		
1276	2010	Halibut	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.32	286	41.51	96	2345972	574862.40	56.00	229	275.70	705	111.30	265
1277	2010	Halibut	Large Mesh Gillnet	Maine Coast Community Sector																		
1278	2010	Halibut	Large Mesh Gillnet	NCCS																		
1279	2010	Halibut	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.26	104	35.14	52	719986	276616.50	93.00	242	139.10	327	66.50	142
1280	2010	Halibut	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.19	201	20.89	156	2958754	1078659.60	291.00	798	548.00	1201	215.50	445
1281	2010	Halibut	Large Mesh Gillnet	NEFS 12																		
1282	2010	Halibut	Large Mesh Gillnet	NEFS 13																		
1283	2010	Halibut	Large Mesh Gillnet	NEFS 2																		
1284	2010	Halibut	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.17	223	14.77	63	2866998	938140.10	154.00	471	532.60	1551	197.50	540
1285	2010	Halibut	Large Mesh Gillnet	NEFS 5																		
1286	2010	Halibut	Large Mesh Gillnet	NEFS 6																		
1287	2010	Halibut	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	0	88890	17558.50	0.00	0	36.40	43	7.20	8
1288	2010	Halibut	Large Mesh Gillnet	NEFS 8																		
1289	2010	Halibut	Large Mesh Gillnet	NEFS 9																		
1290	2010	Halibut	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.37	149	41.74	417	982739	310534.60	278.00	880	194.60	408	63.30	127
1291	2010	Halibut	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.32	46	44.66	140	995791	458826.20	260.00	564	310.70	362	165.60	189
1292	2010	Halibut	Large Mesh Gillnet	Tri-State Sector																		
1293	2010	Halibut	Ruhle Trawl	Fixed Gear Sector																		
1294	2010	Halibut	Ruhle Trawl	Maine Coast Community Sector																		
1295	2010	Halibut	Ruhle Trawl	NCCS																		
1296	2010	Halibut	Ruhle Trawl	NEFS 10																		
1297	2010	Halibut	Ruhle Trawl	NEFS 11																		
1298	2010	Halibut	Ruhle Trawl	NEFS 12																		
1299	2010	Halibut	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302196.30	35.00	33	46.70	49	104.30	110
1300	2010	Halibut	Ruhle Trawl	NEFS 2																		
1301	2010	Halibut	Ruhle Trawl	NEFS 3																		
1302	2010	Halibut	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					46	118993	2033.00	0.00	0	63.10	68	2.50	3
1303	2010	Halibut	Ruhle Trawl	NEFS 6																		
1304	2010	Halibut	Ruhle Trawl	NEFS 7																		
1305	2010	Halibut	Ruhle Trawl	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1306	2010	Halibut	Ruhle Trawl	NEFS 9																		
1307	2010	Halibut	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1308	2010	Halibut	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	18	186905	98823.40	4.00	8	36.00	38	45.00	49
1309	2010	Halibut	Ruhle Trawl	Tri-State Sector																		
1310	2010	Northern Windowpane	Bottom Longline	Fixed Gear Sector	29	323	128	39.63	0.00	0.00	0.00	0	0.00	24	1392420	490950.90	0.00	0	278.40	454	101.10	172
1311	2010	Northern Windowpane	Bottom Longline	Maine Coast Community Sector																		
1312	2010	Northern Windowpane	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
1313	2010	Northern Windowpane	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
1314	2010	Northern Windowpane	Bottom Longline	NEFS 11																		
1315	2010	Northern Windowpane	Bottom Longline	NEFS 12																		
1316	2010	Northern Windowpane	Bottom Longline	NEFS 13																		
1317	2010	Northern Windowpane	Bottom Longline	NEFS 2																		
1318	2010	Northern Windowpane	Bottom Longline	NEFS 3	6	111	36	32.43	0.00	0.00	0.00	0	0.00	0	136422	43339.60	0.00	0	61.80	122	19.30	37
1319	2010	Northern Windowpane	Bottom Longline	NEFS 5																		
1320	2010	Northern Windowpane	Bottom Longline	NEFS 6																		
1321	2010	Northern Windowpane	Bottom Longline	NEFS 7																		
1322	2010	Northern Windowpane	Bottom Longline	NEFS 8																		
1323	2010	Northern Windowpane	Bottom Longline	NEFS 9																		
1324	2010	Northern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
1325	2010	Northern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
1326	2010	Northern Windowpane	Bottom Longline	Tri-State Sector																		
1327	2010	Northern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
1328	2010	Northern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
1329	2010	Northern Windowpane	Bottom Otter Trawl	NCCS																		
1330	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.01	0.00	0.18	45	18.37	12	606337	193252.90	1640.00	5146	117.30	254	41.50	92
1331	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.72	38	73.08	0	134828	41008.80	15.00	49	25.70	55	8.40	18
1332	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.29	27	45.00	0	134601	45136.00	55.00	164	24.50	63	11.40	27
1333	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 13	48	222	40	18.02	0.01	0.00	0.37	57	25.68	0	3430369	584752.90	8750.00	51331	777.70	844	242.10	263
1334	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.10	80	4.82	30	9495473	2445375.50	6279.00	24382	1670.10	2499	531.10	801
1335	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 3																		
1336	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 5	26	51	12	23.53	0.02	0.00	0.51	24	47.06	400	921266	268804.20	5199.00	17818	273.70	295	79.20	85
1337	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 6	19	197	29	14.72	0.00	0.00	0.41	49	24.87	0	3222546	589997.20	166.00	907	521.90	576	127.80	141
1338	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 7	27	220	36	16.36	0.01	0.00	0.17	13	5.91	0	2714407	611874.50	6983.00	30978	732.40	795	239.30	258
1339	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 8	40	199	35	17.59	0.01	0.00	0.14	10	5.03	47	3708601	657009.50	5774.00	32592	882.30	945	223.00	238
1340	2010	Northern Windowpane	Bottom Otter Trawl	NEFS 9	84	535	82	15.33	0.02	0.00	0.26	65	12.15	0	9228662	2053994.20	33217.00	149245	1849.80	2006	644.10	688
1341	2010	Northern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.78	100	80.65	0	404917	133989.40	73.00	221	207.90	266	76.50	98
1342	2010	Northern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	162	1276	271	21.24	0.00	0.00	0.23	170	13.32	0	19122008	5060952.50	1396.00	5275	3708.40	4138	1309.40	1445
1343	2010	Northern Windowpane	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.01	0.00	0.35	9	47.37	0	594126	196414.20	1095.00	3312	108.20	118	47.10	52
1344	2010	Northern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	19	735	308	41.90	0.00	0.00	0.53	508	69.12	0	4820633	1645728.90	9.00	26	211.50	751	99.10	313
1345	2010	Northern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1346	2010	Northern Windowpane	Extra Large Mesh Gillnet	NCCS																		
1347	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 10	9	120	65	54.17	0.00	0.00	0.68	104	86.67	0	221531	79709.50	1.00	3	83.60	154	44.30	82
1348	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 11	14	244	79	32.38	0.00	0.00	0.00	0	0.00	0	715197	106301.60	0.00	0	109.40	260	46.00	92
1349	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
1350	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1351	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
1352	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 3	30	590	201	34.07	0.00	0.00	0.43	305	51.69	0	1937098	372213.80	13.00	68	271.70	642	82.10	204
1353	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
1354	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
1355	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 7																		
1356	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
1357	2010	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
1358	2010	Northern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1359	2010	Northern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	5	28	9	32.14	0.00	0.00	0.92	23	82.14	0	220431	15655.80	1.00	14	127.40	147	30.40	36
1360	2010	Northern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
1361	2010	Northern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
1362	2010	Northern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
1363	2010	Northern Windowpane	Haddock Otter Trawl	NCCS																		
1364	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 10																		
1365	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 11																		
1366	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 12																		
1367	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 13																		
1368	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.73	45	65.22	0	1201398	484424.30	675.00	1674	297.90	320	107.70	116
1369	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 3																		
1370	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 5																		
1371	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 6																		
1372	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 7	5	15	14	93.33	0.01	0.00	0.11	11	73.33	0	206062	166862.90	2174.00	2685	102.50	109	101.10	109
1373	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 8	7	11	11	100.00	0.01	0.00	0.00	0	0.00	23	168449	99065.20	1106.00	1881	75.10	80	86.70	92
1374	2010	Northern Windowpane	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	0	33023	159774.50	444.00	92	34.00	36	96.40	102
1375	2010	Northern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1376	2010	Northern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	43	243	61	25.10	0.00	0.00	0.26	50	20.58	0	5209911	1892396.10	4626.00	12736	1010.80	1086	424.50	459
1377	2010	Northern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
1378	2010	Northern Windowpane	Handline	Fixed Gear Sector	8	118	64	54.24	0.00	0.00	0.00	0	0.00	0	199851	43872.60	0.00	0	69.30	139	27.60	71
1379	2010	Northern Windowpane	Handline	Maine Coast Community Sector																		
1380	2010	Northern Windowpane	Handline	NCCS																		
1381	2010	Northern Windowpane	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1382	2010	Northern Windowpane	Handline	NEFS 11																		
1383	2010	Northern Windowpane	Handline	NEFS 12																		
1384	2010	Northern Windowpane	Handline	NEFS 13																		
1385	2010	Northern Windowpane	Handline	NEFS 2																		
1386	2010	Northern Windowpane	Handline	NEFS 3																		
1387	2010	Northern Windowpane	Handline	NEFS 5																		
1388	2010	Northern Windowpane	Handline	NEFS 6																		
1389	2010	Northern Windowpane	Handline	NEFS 7																		
1390	2010	Northern Windowpane	Handline	NEFS 8																		
1391	2010	Northern Windowpane	Handline	NEFS 9																		
1392	2010	Northern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
1393	2010	Northern Windowpane	Handline	Sustainable Harvest Sector 1																		
1394	2010	Northern Windowpane	Handline	Tri-State Sector																		
1395	2010	Northern Windowpane	Large Mesh Gillnet	Fixed Gear Sector	18	688	260	37.79	0.00	0.00	0.33	294	42.73	0	2343386	574862.40	189.00	770	274.60	703	111.30	265

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1396	2010	Northern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
1397	2010	Northern Windowpane	Large Mesh Gillnet	NCCS																		
1398	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.19	67	22.64	0	719986	276616.50	153.00	398	139.10	327	66.50	142
1399	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.58	679	70.58	0	2958754	1078659.60	3.00	8	548.00	1201	215.50	445
1400	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 12																		
1401	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 13																		
1402	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 2																		
1403	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 3	36	1505	532	35.35	0.00	0.00	0.12	122	8.11	30	2841537	937580.10	216.00	655	529.10	1544	196.40	538
1404	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 5																		
1405	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 6																		
1406	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 7	3	8	2	25.00	0.00	0.00	1.56	8	100.00	0	50202	10327.50	18.00	87	27.90	31	4.80	5
1407	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 8																		
1408	2010	Northern Windowpane	Large Mesh Gillnet	NEFS 9																		
1409	2010	Northern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.83	279	78.15	61	982739	310534.60	1.00	3	194.60	408	63.30	127
1410	2010	Northern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1	11	102	43	42.16	0.00	0.00	0.00	0	0.00	0	993196	458826.20	0.00	0	309.70	360	165.60	189
1411	2010	Northern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
1412	2010	Northern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
1413	2010	Northern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
1414	2010	Northern Windowpane	Ruhle Trawl	NCCS																		
1415	2010	Northern Windowpane	Ruhle Trawl	NEFS 10																		
1416	2010	Northern Windowpane	Ruhle Trawl	NEFS 11																		
1417	2010	Northern Windowpane	Ruhle Trawl	NEFS 12																		
1418	2010	Northern Windowpane	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302159.80	837.00	798	46.70	49	104.30	110
1419	2010	Northern Windowpane	Ruhle Trawl	NEFS 2																		
1420	2010	Northern Windowpane	Ruhle Trawl	NEFS 3																		
1421	2010	Northern Windowpane	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					0	118993	2033.00	3.00	176	63.10	68	2.50	3
1422	2010	Northern Windowpane	Ruhle Trawl	NEFS 6																		
1423	2010	Northern Windowpane	Ruhle Trawl	NEFS 7																		
1424	2010	Northern Windowpane	Ruhle Trawl	NEFS 8																		
1425	2010	Northern Windowpane	Ruhle Trawl	NEFS 9																		
1426	2010	Northern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1427	2010	Northern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	0	186905	98823.40	15.00	28	36.00	38	45.00	49
1428	2010	Northern Windowpane	Ruhle Trawl	Tri-State Sector																		
1429	2010	Ocean Pout	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.26	107	33.02	50	1393725	490950.90	877.00	2490	279.00	455	101.10	172
1430	2010	Ocean Pout	Bottom Longline	Maine Coast Community Sector																		
1431	2010	Ocean Pout	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
1432	2010	Ocean Pout	Bottom Longline	NEFS 10	6	43	9	20.93	0.01	0.00	0.53	20	46.51	0	75215	13484.20	201.00	1121	17.40	43	4.30	9
1433	2010	Ocean Pout	Bottom Longline	NEFS 11																		
1434	2010	Ocean Pout	Bottom Longline	NEFS 12																		
1435	2010	Ocean Pout	Bottom Longline	NEFS 13																		
1436	2010	Ocean Pout	Bottom Longline	NEFS 2																		
1437	2010	Ocean Pout	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.36	46	41.07	0	138385	43339.60	132.00	421	62.20	123	19.30	37
1438	2010	Ocean Pout	Bottom Longline	NEFS 5																		
1439	2010	Ocean Pout	Bottom Longline	NEFS 6																		
1440	2010	Ocean Pout	Bottom Longline	NEFS 7																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1441	2010	Ocean Pout	Bottom Longline	NEFS 8																		
1442	2010	Ocean Pout	Bottom Longline	NEFS 9																		
1443	2010	Ocean Pout	Bottom Longline	Port Clyde Community Groundfish Sector																		
1444	2010	Ocean Pout	Bottom Longline	Sustainable Harvest Sector 1																		
1445	2010	Ocean Pout	Bottom Longline	Tri-State Sector																		
1446	2010	Ocean Pout	Bottom Otter Trawl	Fixed Gear Sector																		
1447	2010	Ocean Pout	Bottom Otter Trawl	Maine Coast Community Sector																		
1448	2010	Ocean Pout	Bottom Otter Trawl	NCCS																		
1449	2010	Ocean Pout	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.17	41	16.73	0	606337	193252.90	513.00	1610	117.30	254	41.50	92
1450	2010	Ocean Pout	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.88	42	80.77	0	134828	41008.80	2.00	7	25.70	55	8.40	18
1451	2010	Ocean Pout	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.75	51	85.00	0	134601	45136.00	1.00	3	24.50	63	11.40	27
1452	2010	Ocean Pout	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.36	102	28.65	0	4291264	799783.20	3724.00	19981	978.70	1111	297.00	338
1453	2010	Ocean Pout	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.13	118	7.11	0	9495473	2445375.50	914.00	3549	1670.10	2499	531.10	801
1454	2010	Ocean Pout	Bottom Otter Trawl	NEFS 3																		
1455	2010	Ocean Pout	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.24	171	28.17	0	6112202	2572383.00	5748.00	13658	737.80	1075	239.00	373
1456	2010	Ocean Pout	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.65	91	45.73	0	3234868	596262.50	1245.00	6754	524.40	579	130.50	144
1457	2010	Ocean Pout	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.33	58	22.39	60	3036154	695869.20	2384.00	10402	807.00	893	263.30	289
1458	2010	Ocean Pout	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.01	0.00	0.20	19	8.64	0	3865554	680653.00	3488.00	19809	910.60	981	229.30	246
1459	2010	Ocean Pout	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.16	28	5.04	0	9464577	2054697.20	7039.00	32424	1876.30	2038	644.10	688
1460	2010	Ocean Pout	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.78	100	80.65	0	404917	133989.40	6.00	18	207.90	266	76.50	98
1461	2010	Ocean Pout	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.19	133	10.19	0	19288422	5099786.70	1208.00	4569	3747.70	4188	1321.00	1460
1462	2010	Ocean Pout	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.27	7	36.84	0	594126	196414.20	428.00	1295	108.20	118	47.10	52
1463	2010	Ocean Pout	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.77	734	82.01	0	5890850	1978849.40	2.00	6	388.90	1043	168.70	425
1464	2010	Ocean Pout	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1465	2010	Ocean Pout	Extra Large Mesh Gillnet	NCCS																		
1466	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.00	0	0.00	0	307754	90669.40	0.00	0	106.40	187	48.30	88
1467	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.00	0	0.00	0	1132090	153346.80	0.00	0	168.80	383	52.40	105
1468	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 12																		
1469	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 13																		
1470	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 2																		
1471	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.45	363	51.49	0	2750057	521244.90	17.00	90	377.60	822	106.30	242
1472	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
1473	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 6																		
1474	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
1475	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 8																		
1476	2010	Ocean Pout	Extra Large Mesh Gillnet	NEFS 9																		
1477	2010	Ocean Pout	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1478	2010	Ocean Pout	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.00	0	0.00	0	303481	28197.00	0.00	0	144.40	177	32.60	40
1479	2010	Ocean Pout	Extra Large Mesh Gillnet	Tri-State Sector																		
1480	2010	Ocean Pout	Haddock Otter Trawl	Fixed Gear Sector																		
1481	2010	Ocean Pout	Haddock Otter Trawl	Maine Coast Community Sector																		
1482	2010	Ocean Pout	Haddock Otter Trawl	NCCS																		
1483	2010	Ocean Pout	Haddock Otter Trawl	NEFS 10																		
1484	2010	Ocean Pout	Haddock Otter Trawl	NEFS 11																		
1485	2010	Ocean Pout	Haddock Otter Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1486	2010	Ocean Pout	Haddock Otter Trawl	NEFS 13																		
1487	2010	Ocean Pout	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.51	33	47.83	0	1201398	484424.30	196.00	486	297.90	320	107.70	116
1488	2010	Ocean Pout	Haddock Otter Trawl	NEFS 3																		
1489	2010	Ocean Pout	Haddock Otter Trawl	NEFS 5																		
1490	2010	Ocean Pout	Haddock Otter Trawl	NEFS 6																		
1491	2010	Ocean Pout	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.13	9	56.25	0	206865	166862.90	157.00	195	104.40	111	101.10	109
1492	2010	Ocean Pout	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.01	0.00	0.22	11	91.67	0	169627	99223.20	1065.00	1821	76.60	82	86.70	92
1493	2010	Ocean Pout	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	0	33023	159774.50	401.00	83	34.00	36	96.40	102
1494	2010	Ocean Pout	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1495	2010	Ocean Pout	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.67	154	61.60	0	5272460	1903251.10	1696.00	4698	1022.70	1101	424.50	459
1496	2010	Ocean Pout	Haddock Otter Trawl	Tri-State Sector																		
1497	2010	Ocean Pout	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	0	200676	44199.10	0.00	0	69.60	140	27.60	71
1498	2010	Ocean Pout	Handline	Maine Coast Community Sector																		
1499	2010	Ocean Pout	Handline	NCCS																		
1500	2010	Ocean Pout	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1501	2010	Ocean Pout	Handline	NEFS 11																		
1502	2010	Ocean Pout	Handline	NEFS 12																		
1503	2010	Ocean Pout	Handline	NEFS 13																		
1504	2010	Ocean Pout	Handline	NEFS 2																		
1505	2010	Ocean Pout	Handline	NEFS 3																		
1506	2010	Ocean Pout	Handline	NEFS 5																		
1507	2010	Ocean Pout	Handline	NEFS 6																		
1508	2010	Ocean Pout	Handline	NEFS 7																		
1509	2010	Ocean Pout	Handline	NEFS 8																		
1510	2010	Ocean Pout	Handline	NEFS 9																		
1511	2010	Ocean Pout	Handline	Port Clyde Community Groundfish Sector																		
1512	2010	Ocean Pout	Handline	Sustainable Harvest Sector 1																		
1513	2010	Ocean Pout	Handline	Tri-State Sector																		
1514	2010	Ocean Pout	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.65	511	74.17	0	2345972	574862.40	5.00	20	275.70	705	111.30	265
1515	2010	Ocean Pout	Large Mesh Gillnet	Maine Coast Community Sector																		
1516	2010	Ocean Pout	Large Mesh Gillnet	NCCS																		
1517	2010	Ocean Pout	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.25	100	33.78	0	719986	276616.50	70.00	182	139.10	327	66.50	142
1518	2010	Ocean Pout	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.78	782	81.29	0	2958754	1078659.60	2.00	5	548.00	1201	215.50	445
1519	2010	Ocean Pout	Large Mesh Gillnet	NEFS 12																		
1520	2010	Ocean Pout	Large Mesh Gillnet	NEFS 13																		
1521	2010	Ocean Pout	Large Mesh Gillnet	NEFS 2																		
1522	2010	Ocean Pout	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.30	530	35.10	0	2866998	938140.10	44.00	134	532.60	1551	197.50	540
1523	2010	Ocean Pout	Large Mesh Gillnet	NEFS 5																		
1524	2010	Ocean Pout	Large Mesh Gillnet	NEFS 6																		
1525	2010	Ocean Pout	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	0	88890	17558.50	0.00	0	36.40	43	7.20	8
1526	2010	Ocean Pout	Large Mesh Gillnet	NEFS 8																		
1527	2010	Ocean Pout	Large Mesh Gillnet	NEFS 9																		
1528	2010	Ocean Pout	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.83	279	78.15	13	982739	310534.60	3.00	9	194.60	408	63.30	127
1529	2010	Ocean Pout	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.75	85	82.52	0	995791	458826.20	2.00	4	310.70	362	165.60	189
1530	2010	Ocean Pout	Large Mesh Gillnet	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1531	2010	Ocean Pout	Ruhle Trawl	Fixed Gear Sector																		
1532	2010	Ocean Pout	Ruhle Trawl	Maine Coast Community Sector																		
1533	2010	Ocean Pout	Ruhle Trawl	NCCS																		
1534	2010	Ocean Pout	Ruhle Trawl	NEFS 10																		
1535	2010	Ocean Pout	Ruhle Trawl	NEFS 11																		
1536	2010	Ocean Pout	Ruhle Trawl	NEFS 12																		
1537	2010	Ocean Pout	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302196.30	251.00	239	46.70	49	104.30	110
1538	2010	Ocean Pout	Ruhle Trawl	NEFS 2																		
1539	2010	Ocean Pout	Ruhle Trawl	NEFS 3																		
1540	2010	Ocean Pout	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					0	118993	2033.00	0.00	0	63.10	68	2.50	3
1541	2010	Ocean Pout	Ruhle Trawl	NEFS 6																		
1542	2010	Ocean Pout	Ruhle Trawl	NEFS 7																		
1543	2010	Ocean Pout	Ruhle Trawl	NEFS 8																		
1544	2010	Ocean Pout	Ruhle Trawl	NEFS 9																		
1545	2010	Ocean Pout	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1546	2010	Ocean Pout	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	0	186905	98823.40	0.00	0	36.00	38	45.00	49
1547	2010	Ocean Pout	Ruhle Trawl	Tri-State Sector																		
1548	2010	Plaice	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.33	142	43.83	110	1393725	490950.90	10.00	28	279.00	455	101.10	172
1549	2010	Plaice	Bottom Longline	Maine Coast Community Sector																		
1550	2010	Plaice	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	1	10907	1473.80	0.00	0	16.90	37	5.30	12
1551	2010	Plaice	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
1552	2010	Plaice	Bottom Longline	NEFS 11																		
1553	2010	Plaice	Bottom Longline	NEFS 12																		
1554	2010	Plaice	Bottom Longline	NEFS 13																		
1555	2010	Plaice	Bottom Longline	NEFS 2																		
1556	2010	Plaice	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.00	0	0.00	0	138385	43339.60	0.00	0	62.20	123	19.30	37
1557	2010	Plaice	Bottom Longline	NEFS 5																		
1558	2010	Plaice	Bottom Longline	NEFS 6																		
1559	2010	Plaice	Bottom Longline	NEFS 7																		
1560	2010	Plaice	Bottom Longline	NEFS 8																		
1561	2010	Plaice	Bottom Longline	NEFS 9																		
1562	2010	Plaice	Bottom Longline	Port Clyde Community Groundfish Sector																		
1563	2010	Plaice	Bottom Longline	Sustainable Harvest Sector 1																		
1564	2010	Plaice	Bottom Longline	Tri-State Sector																		
1565	2010	Plaice	Bottom Otter Trawl	Fixed Gear Sector																		
1566	2010	Plaice	Bottom Otter Trawl	Maine Coast Community Sector																		
1567	2010	Plaice	Bottom Otter Trawl	NCCS																		
1568	2010	Plaice	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.01	0.00	0.17	38	15.51	12870	606337	193252.90	1896.00	5949	117.30	254	41.50	92
1569	2010	Plaice	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.02	0.00	0.58	33	63.46	7195	134828	41008.80	852.00	2801	25.70	55	8.40	18
1570	2010	Plaice	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.01	0.00	0.23	20	33.33	9300	134601	45136.00	650.00	1938	24.50	63	11.40	27
1571	2010	Plaice	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.41	122	34.27	70070	4291264	799783.20	3087.00	16563	978.70	1111	297.00	338
1572	2010	Plaice	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.01	0.00	0.08	53	3.19	288343	9495473	2445375.50	15152.00	58836	1670.10	2499	531.10	801
1573	2010	Plaice	Bottom Otter Trawl	NEFS 3																		
1574	2010	Plaice	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.62	439	72.32	23619	6123192	2572383.00	666.00	1585	737.80	1075	239.00	373
1575	2010	Plaice	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.01	0.00	0.20	15	7.54	265083	3234868	596262.50	4725.00	25634	524.40	579	130.50	144

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1576	2010	Plaice	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.01	0.00	0.15	15	5.79	151295	3066156	695869.20	4731.00	20846	807.00	893	263.30	289
1577	2010	Plaice	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.31	40	18.18	74757	3865554	680653.00	3269.00	18565	910.60	981	229.30	246
1578	2010	Plaice	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.17	29	5.22	201049	9464577	2054697.20	9636.00	44386	1876.30	2038	644.10	688
1579	2010	Plaice	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.02	0.00	0.16	19	15.32	87379	404917	133989.40	2997.00	9057	207.90	266	76.50	98
1580	2010	Plaice	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.01	0.00	0.07	21	1.61	1639449	19376570	5099786.70	42954.00	163203	3747.70	4188	1321.00	1460
1581	2010	Plaice	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.52	13	68.42	10313	594126	196414.20	878.00	2656	108.20	118	47.10	52
1582	2010	Plaice	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.77	734	82.01	37	5890850	1978849.40	2.00	6	388.90	1043	168.70	425
1583	2010	Plaice	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1584	2010	Plaice	Extra Large Mesh Gillnet	NCCS																		
1585	2010	Plaice	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.72	116	85.93	6	307754	90669.40	2.00	7	106.40	187	48.30	88
1586	2010	Plaice	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.25	68	18.99	3435	1132090	153346.80	19.00	140	168.80	383	52.40	105
1587	2010	Plaice	Extra Large Mesh Gillnet	NEFS 12																		
1588	2010	Plaice	Extra Large Mesh Gillnet	NEFS 13																		
1589	2010	Plaice	Extra Large Mesh Gillnet	NEFS 2																		
1590	2010	Plaice	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.36	283	40.14	1612	2750057	521244.90	20.00	106	377.60	822	106.30	242
1591	2010	Plaice	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
1592	2010	Plaice	Extra Large Mesh Gillnet	NEFS 6																		
1593	2010	Plaice	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.92	95	73.08	0	1011612	325364.50	11.00	34	97.80	166	29.80	45
1594	2010	Plaice	Extra Large Mesh Gillnet	NEFS 8																		
1595	2010	Plaice	Extra Large Mesh Gillnet	NEFS 9																		
1596	2010	Plaice	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1597	2010	Plaice	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.43	20	41.67	1099	303481	28197.00	59.00	635	144.40	177	32.60	40
1598	2010	Plaice	Extra Large Mesh Gillnet	Tri-State Sector																		
1599	2010	Plaice	Haddock Otter Trawl	Fixed Gear Sector																		
1600	2010	Plaice	Haddock Otter Trawl	Maine Coast Community Sector																		
1601	2010	Plaice	Haddock Otter Trawl	NCCS																		
1602	2010	Plaice	Haddock Otter Trawl	NEFS 10																		
1603	2010	Plaice	Haddock Otter Trawl	NEFS 11																		
1604	2010	Plaice	Haddock Otter Trawl	NEFS 12																		
1605	2010	Plaice	Haddock Otter Trawl	NEFS 13																		
1606	2010	Plaice	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.21	9	13.04	12774	1201398	484424.30	805.00	1996	297.90	320	107.70	116
1607	2010	Plaice	Haddock Otter Trawl	NEFS 3																		
1608	2010	Plaice	Haddock Otter Trawl	NEFS 5																		
1609	2010	Plaice	Haddock Otter Trawl	NEFS 6																		
1610	2010	Plaice	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.23	13	81.25	4501	228462	166862.90	149.00	204	104.40	111	101.10	109
1611	2010	Plaice	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.01	0.00	0.14	9	75.00	416	169627	99223.20	898.00	1535	76.60	82	86.70	92
1612	2010	Plaice	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	870	33023	159774.50	758.00	157	34.00	36	96.40	102
1613	2010	Plaice	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1614	2010	Plaice	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.63	148	59.20	27302	5351927	1903251.10	3508.00	9864	1022.70	1101	424.50	459
1615	2010	Plaice	Haddock Otter Trawl	Tri-State Sector																		
1616	2010	Plaice	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	0	200676	44199.10	0.00	0	69.60	140	27.60	71
1617	2010	Plaice	Handline	Maine Coast Community Sector																		
1618	2010	Plaice	Handline	NCCS																		
1619	2010	Plaice	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1620	2010	Plaice	Handline	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1621	2010	Plaice	Handline	NEFS 12																		
1622	2010	Plaice	Handline	NEFS 13																		
1623	2010	Plaice	Handline	NEFS 2																		
1624	2010	Plaice	Handline	NEFS 3																		
1625	2010	Plaice	Handline	NEFS 5																		
1626	2010	Plaice	Handline	NEFS 6																		
1627	2010	Plaice	Handline	NEFS 7																		
1628	2010	Plaice	Handline	NEFS 8																		
1629	2010	Plaice	Handline	NEFS 9																		
1630	2010	Plaice	Handline	Port Clyde Community Groundfish Sector																		
1631	2010	Plaice	Handline	Sustainable Harvest Sector 1																		
1632	2010	Plaice	Handline	Tri-State Sector																		
1633	2010	Plaice	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.31	272	39.48	493	2345972	574862.40	101.00	412	275.70	705	111.30	265
1634	2010	Plaice	Large Mesh Gillnet	Maine Coast Community Sector																		
1635	2010	Plaice	Large Mesh Gillnet	NCCS																		
1636	2010	Plaice	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.15	47	15.88	1529	719986	276616.50	189.00	492	139.10	327	66.50	142
1637	2010	Plaice	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.11	77	8.00	1983	2958754	1078659.60	738.00	2024	548.00	1201	215.50	445
1638	2010	Plaice	Large Mesh Gillnet	NEFS 12																		
1639	2010	Plaice	Large Mesh Gillnet	NEFS 13																		
1640	2010	Plaice	Large Mesh Gillnet	NEFS 2																		
1641	2010	Plaice	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.33	600	39.74	4266	2866998	938140.10	459.00	1403	532.60	1551	197.50	540
1642	2010	Plaice	Large Mesh Gillnet	NEFS 5																		
1643	2010	Plaice	Large Mesh Gillnet	NEFS 6																		
1644	2010	Plaice	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	0	88890	17558.50	0.00	0	36.40	43	7.20	8
1645	2010	Plaice	Large Mesh Gillnet	NEFS 8																		
1646	2010	Plaice	Large Mesh Gillnet	NEFS 9																		
1647	2010	Plaice	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.23	79	22.13	1153	982739	310534.60	340.00	1076	194.60	408	63.30	127
1648	2010	Plaice	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.20	25	24.27	389	995791	458826.20	103.00	224	310.70	362	165.60	189
1649	2010	Plaice	Large Mesh Gillnet	Tri-State Sector																		
1650	2010	Plaice	Ruhle Trawl	Fixed Gear Sector																		
1651	2010	Plaice	Ruhle Trawl	Maine Coast Community Sector																		
1652	2010	Plaice	Ruhle Trawl	NCCS																		
1653	2010	Plaice	Ruhle Trawl	NEFS 10																		
1654	2010	Plaice	Ruhle Trawl	NEFS 11																		
1655	2010	Plaice	Ruhle Trawl	NEFS 12																		
1656	2010	Plaice	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	130	287947	302196.30	136.00	130	46.70	49	104.30	110
1657	2010	Plaice	Ruhle Trawl	NEFS 2																		
1658	2010	Plaice	Ruhle Trawl	NEFS 3																		
1659	2010	Plaice	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					2870	131431	2033.00	0.00	0	63.10	68	2.50	3
1660	2010	Plaice	Ruhle Trawl	NEFS 6																		
1661	2010	Plaice	Ruhle Trawl	NEFS 7																		
1662	2010	Plaice	Ruhle Trawl	NEFS 8																		
1663	2010	Plaice	Ruhle Trawl	NEFS 9																		
1664	2010	Plaice	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1665	2010	Plaice	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	3150	186905	98823.40	8.00	15	36.00	38	45.00	49

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1666	2010	Plaice	Ruhle Trawl	Tri-State Sector																		
1667	2010	Pollock	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.47	200	61.73	1874	1393725	490950.90	33.00	94	279.00	455	101.10	172
1668	2010	Pollock	Bottom Longline	Maine Coast Community Sector																		
1669	2010	Pollock	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
1670	2010	Pollock	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	1202	75215	13484.20	0.00	0	17.40	43	4.30	9
1671	2010	Pollock	Bottom Longline	NEFS 11																		
1672	2010	Pollock	Bottom Longline	NEFS 12																		
1673	2010	Pollock	Bottom Longline	NEFS 13																		
1674	2010	Pollock	Bottom Longline	NEFS 2																		
1675	2010	Pollock	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.59	73	65.18	16	138385	43339.60	2.00	6	62.20	123	19.30	37
1676	2010	Pollock	Bottom Longline	NEFS 5																		
1677	2010	Pollock	Bottom Longline	NEFS 6																		
1678	2010	Pollock	Bottom Longline	NEFS 7																		
1679	2010	Pollock	Bottom Longline	NEFS 8																		
1680	2010	Pollock	Bottom Longline	NEFS 9																		
1681	2010	Pollock	Bottom Longline	Port Clyde Community Groundfish Sector																		
1682	2010	Pollock	Bottom Longline	Sustainable Harvest Sector 1																		
1683	2010	Pollock	Bottom Longline	Tri-State Sector																		
1684	2010	Pollock	Bottom Otter Trawl	Fixed Gear Sector																		
1685	2010	Pollock	Bottom Otter Trawl	Maine Coast Community Sector																		
1686	2010	Pollock	Bottom Otter Trawl	NCCS																		
1687	2010	Pollock	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.79	197	80.41	22159	606337	193252.90	2.00	6	117.30	254	41.50	92
1688	2010	Pollock	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.00	0	0.00	2005	134828	41008.80	0.00	0	25.70	55	8.40	18
1689	2010	Pollock	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.76	51	85.00	290	134601	45136.00	3.00	9	24.50	63	11.40	27
1690	2010	Pollock	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.75	226	63.48	116757	4291264	799783.20	138.00	740	978.70	1111	297.00	338
1691	2010	Pollock	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.20	259	15.60	1832317	9495473	2445375.50	2995.00	11630	1670.10	2499	531.10	801
1692	2010	Pollock	Bottom Otter Trawl	NEFS 3																		
1693	2010	Pollock	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.78	490	80.72	2073	6139367	2572383.00	8.00	19	737.80	1075	239.00	373
1694	2010	Pollock	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.43	53	26.63	670892	3234868	596262.50	595.00	3228	524.40	579	130.50	144
1695	2010	Pollock	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.59	124	47.88	33237	3036154	695869.20	87.00	380	807.00	893	263.30	289
1696	2010	Pollock	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.58	97	44.09	131886	3865554	680653.00	78.00	443	910.60	981	229.30	246
1697	2010	Pollock	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.28	71	12.77	1120703	9464577	2054697.20	1308.00	6025	1876.30	2038	644.10	688
1698	2010	Pollock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.78	100	80.65	14429	404917	133989.40	12.00	36	207.90	266	76.50	98
1699	2010	Pollock	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.17	109	8.35	3661782	19420658	5099786.70	6315.00	24048	3747.70	4188	1321.00	1460
1700	2010	Pollock	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.51	13	68.42	34	594126	196414.20	85.00	257	108.20	118	47.10	52
1701	2010	Pollock	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.30	366	40.89	1927	5890850	1978849.40	530.00	1578	388.90	1043	168.70	425
1702	2010	Pollock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1703	2010	Pollock	Extra Large Mesh Gillnet	NCCS																		
1704	2010	Pollock	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.58	107	79.26	6840	307754	90669.40	114.00	387	106.40	187	48.30	88
1705	2010	Pollock	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.37	124	34.64	142697	1132090	153346.80	701.00	5175	168.80	383	52.40	105
1706	2010	Pollock	Extra Large Mesh Gillnet	NEFS 12																		
1707	2010	Pollock	Extra Large Mesh Gillnet	NEFS 13																		
1708	2010	Pollock	Extra Large Mesh Gillnet	NEFS 2																		
1709	2010	Pollock	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.24	157	22.27	39086	2750057	521244.90	296.00	1562	377.60	822	106.30	242
1710	2010	Pollock	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1711	2010	Pollock	Extra Large Mesh Gillnet	NEFS 6																		
1712	2010	Pollock	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
1713	2010	Pollock	Extra Large Mesh Gillnet	NEFS 8																		
1714	2010	Pollock	Extra Large Mesh Gillnet	NEFS 9																		
1715	2010	Pollock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1716	2010	Pollock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.01	0.00	0.47	22	45.83	83739	303481	28197.00	150.00	1614	144.40	177	32.60	40
1717	2010	Pollock	Extra Large Mesh Gillnet	Tri-State Sector																		
1718	2010	Pollock	Haddock Otter Trawl	Fixed Gear Sector																		
1719	2010	Pollock	Haddock Otter Trawl	Maine Coast Community Sector																		
1720	2010	Pollock	Haddock Otter Trawl	NCCS																		
1721	2010	Pollock	Haddock Otter Trawl	NEFS 10																		
1722	2010	Pollock	Haddock Otter Trawl	NEFS 11																		
1723	2010	Pollock	Haddock Otter Trawl	NEFS 12																		
1724	2010	Pollock	Haddock Otter Trawl	NEFS 13																		
1725	2010	Pollock	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.38	23	33.33	154788	1201398	484424.30	720.00	1786	297.90	320	107.70	116
1726	2010	Pollock	Haddock Otter Trawl	NEFS 3																		
1727	2010	Pollock	Haddock Otter Trawl	NEFS 5																		
1728	2010	Pollock	Haddock Otter Trawl	NEFS 6																		
1729	2010	Pollock	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.00	0	0.00	311	206865	166862.90	0.00	0	104.40	111	101.10	109
1730	2010	Pollock	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.00	0	0.00	561	169627	99223.20	0.00	0	76.60	82	86.70	92
1731	2010	Pollock	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	17	33023	159774.50	312.00	64	34.00	36	96.40	102
1732	2010	Pollock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1733	2010	Pollock	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.37	83	33.20	462748	5382067	1903251.10	3189.00	9018	1022.70	1101	424.50	459
1734	2010	Pollock	Haddock Otter Trawl	Tri-State Sector																		
1735	2010	Pollock	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.54	94	78.99	8288	200676	44199.10	4.00	18	69.60	140	27.60	71
1736	2010	Pollock	Handline	Maine Coast Community Sector																		
1737	2010	Pollock	Handline	NCCS																		
1738	2010	Pollock	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.39	9	100.00	71	15816	14370.60	50.00	55	3.80	9	3.90	8
1739	2010	Pollock	Handline	NEFS 11																		
1740	2010	Pollock	Handline	NEFS 12																		
1741	2010	Pollock	Handline	NEFS 13																		
1742	2010	Pollock	Handline	NEFS 2																		
1743	2010	Pollock	Handline	NEFS 3																		
1744	2010	Pollock	Handline	NEFS 5																		
1745	2010	Pollock	Handline	NEFS 6																		
1746	2010	Pollock	Handline	NEFS 7																		
1747	2010	Pollock	Handline	NEFS 8																		
1748	2010	Pollock	Handline	NEFS 9																		
1749	2010	Pollock	Handline	Port Clyde Community Groundfish Sector																		
1750	2010	Pollock	Handline	Sustainable Harvest Sector 1																		
1751	2010	Pollock	Handline	Tri-State Sector																		
1752	2010	Pollock	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.01	0.00	0.19	138	20.03	313692	2345972	574862.40	6441.00	26285	275.70	705	111.30	265
1753	2010	Pollock	Large Mesh Gillnet	Maine Coast Community Sector																		
1754	2010	Pollock	Large Mesh Gillnet	NCCS																		
1755	2010	Pollock	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.39	163	55.07	34570	719986	276616.50	490.00	1275	139.10	327	66.50	142

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1756	2010	Pollock	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.02	0.00	0.20	217	22.56	1444258	2958754	1078659.60	19024.00	52183	548.00	1201	215.50	445
1757	2010	Pollock	Large Mesh Gillnet	NEFS 12																		
1758	2010	Pollock	Large Mesh Gillnet	NEFS 13																		
1759	2010	Pollock	Large Mesh Gillnet	NEFS 2																		
1760	2010	Pollock	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.25	415	27.48	498951	2866998	938140.10	1978.00	6045	532.60	1551	197.50	540
1761	2010	Pollock	Large Mesh Gillnet	NEFS 5																		
1762	2010	Pollock	Large Mesh Gillnet	NEFS 6																		
1763	2010	Pollock	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.01	0.00	0.52	10	50.00	29595	88890	17558.50	246.00	1245	36.40	43	7.20	8
1764	2010	Pollock	Large Mesh Gillnet	NEFS 8																		
1765	2010	Pollock	Large Mesh Gillnet	NEFS 9																		
1766	2010	Pollock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.27	98	27.45	340288	982739	310534.60	1338.00	4234	194.60	408	63.30	127
1767	2010	Pollock	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.01	0.00	0.17	20	19.42	575213	995791	458826.20	5642.00	12245	310.70	362	165.60	189
1768	2010	Pollock	Large Mesh Gillnet	Tri-State Sector																		
1769	2010	Pollock	Ruhle Trawl	Fixed Gear Sector																		
1770	2010	Pollock	Ruhle Trawl	Maine Coast Community Sector																		
1771	2010	Pollock	Ruhle Trawl	NCCS																		
1772	2010	Pollock	Ruhle Trawl	NEFS 10																		
1773	2010	Pollock	Ruhle Trawl	NEFS 11																		
1774	2010	Pollock	Ruhle Trawl	NEFS 12																		
1775	2010	Pollock	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	6	287947	302196.30	3.00	3	46.70	49	104.30	110
1776	2010	Pollock	Ruhle Trawl	NEFS 2																		
1777	2010	Pollock	Ruhle Trawl	NEFS 3																		
1778	2010	Pollock	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					599	143184	2033.00	0.00	0	63.10	68	2.50	3
1779	2010	Pollock	Ruhle Trawl	NEFS 6																		
1780	2010	Pollock	Ruhle Trawl	NEFS 7																		
1781	2010	Pollock	Ruhle Trawl	NEFS 8																		
1782	2010	Pollock	Ruhle Trawl	NEFS 9																		
1783	2010	Pollock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1784	2010	Pollock	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	29281	186905	98823.40	1.00	2	36.00	38	45.00	49
1785	2010	Pollock	Ruhle Trawl	Tri-State Sector																		
1786	2010	Redfish	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.32	141	43.52	3138	1393725	490950.90	13.00	37	279.00	455	101.10	172
1787	2010	Redfish	Bottom Longline	Maine Coast Community Sector																		
1788	2010	Redfish	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	12	10907	1473.80	0.00	0	16.90	37	5.30	12
1789	2010	Redfish	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
1790	2010	Redfish	Bottom Longline	NEFS 11																		
1791	2010	Redfish	Bottom Longline	NEFS 12																		
1792	2010	Redfish	Bottom Longline	NEFS 13																		
1793	2010	Redfish	Bottom Longline	NEFS 2																		
1794	2010	Redfish	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.43	55	49.11	39	138385	43339.60	17.00	54	62.20	123	19.30	37
1795	2010	Redfish	Bottom Longline	NEFS 5																		
1796	2010	Redfish	Bottom Longline	NEFS 6																		
1797	2010	Redfish	Bottom Longline	NEFS 7																		
1798	2010	Redfish	Bottom Longline	NEFS 8																		
1799	2010	Redfish	Bottom Longline	NEFS 9																		
1800	2010	Redfish	Bottom Longline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1801	2010	Redfish	Bottom Longline	Sustainable Harvest Sector 1																		
1802	2010	Redfish	Bottom Longline	Tri-State Sector																		
1803	2010	Redfish	Bottom Otter Trawl	Fixed Gear Sector																		
1804	2010	Redfish	Bottom Otter Trawl	Maine Coast Community Sector																		
1805	2010	Redfish	Bottom Otter Trawl	NCCS																		
1806	2010	Redfish	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.69	186	75.92	1271	606337	193252.90	153.00	480	117.30	254	41.50	92
1807	2010	Redfish	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.49	29	55.77	93	134828	41008.80	5.00	16	25.70	55	8.40	18
1808	2010	Redfish	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.38	35	58.33	8	134601	45136.00	13.00	39	24.50	63	11.40	27
1809	2010	Redfish	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.45	138	38.76	38088	4291264	799783.20	1188.00	6374	978.70	1111	297.00	338
1810	2010	Redfish	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.01	0.00	0.27	417	25.12	845448	9501121	2445375.50	29382.00	114159	1670.10	2499	531.10	801
1811	2010	Redfish	Bottom Otter Trawl	NEFS 3																		
1812	2010	Redfish	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.64	447	73.64	950	6112202	2572383.00	34.00	81	737.80	1075	239.00	373
1813	2010	Redfish	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.27	26	13.07	640715	3234868	596262.50	1045.00	5669	524.40	579	130.50	144
1814	2010	Redfish	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.37	68	26.25	9884	3036154	695869.20	448.00	1955	807.00	893	263.30	289
1815	2010	Redfish	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.55	92	41.82	19745	3865554	680653.00	339.00	1925	910.60	981	229.30	246
1816	2010	Redfish	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.26	64	11.51	264390	9464577	2054697.20	10159.00	46796	1876.30	2038	644.10	688
1817	2010	Redfish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.23	32	25.81	7125	404917	133989.40	416.00	1257	207.90	266	76.50	98
1818	2010	Redfish	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.01	0.00	0.12	58	4.44	2075181	19359589	5099786.70	30528.00	115889	3747.70	4188	1321.00	1460
1819	2010	Redfish	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.00	0	0.00	0	594126	196414.20	0.00	0	108.20	118	47.10	52
1820	2010	Redfish	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.00	0	0.00	46	5890850	1978849.40	0.00	0	388.90	1043	168.70	425
1821	2010	Redfish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1822	2010	Redfish	Extra Large Mesh Gillnet	NCCS																		
1823	2010	Redfish	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.55	105	77.78	182	307754	90669.40	7.00	24	106.40	187	48.30	88
1824	2010	Redfish	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.87	266	74.30	409	1132090	153346.80	1.00	7	168.80	383	52.40	105
1825	2010	Redfish	Extra Large Mesh Gillnet	NEFS 12																		
1826	2010	Redfish	Extra Large Mesh Gillnet	NEFS 13																		
1827	2010	Redfish	Extra Large Mesh Gillnet	NEFS 2																		
1828	2010	Redfish	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.57	440	62.41	155	2750057	521244.90	27.00	142	377.60	822	106.30	242
1829	2010	Redfish	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
1830	2010	Redfish	Extra Large Mesh Gillnet	NEFS 6																		
1831	2010	Redfish	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
1832	2010	Redfish	Extra Large Mesh Gillnet	NEFS 8																		
1833	2010	Redfish	Extra Large Mesh Gillnet	NEFS 9																		
1834	2010	Redfish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1835	2010	Redfish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.00	0	0.00	4806	303481	28197.00	0.00	0	144.40	177	32.60	40
1836	2010	Redfish	Extra Large Mesh Gillnet	Tri-State Sector																		
1837	2010	Redfish	Haddock Otter Trawl	Fixed Gear Sector																		
1838	2010	Redfish	Haddock Otter Trawl	Maine Coast Community Sector																		
1839	2010	Redfish	Haddock Otter Trawl	NCCS																		
1840	2010	Redfish	Haddock Otter Trawl	NEFS 10																		
1841	2010	Redfish	Haddock Otter Trawl	NEFS 11																		
1842	2010	Redfish	Haddock Otter Trawl	NEFS 12																		
1843	2010	Redfish	Haddock Otter Trawl	NEFS 13																		
1844	2010	Redfish	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.01	0.00	0.36	21	30.43	104113	1212210	484424.30	5765.00	14426	297.90	320	107.70	116
1845	2010	Redfish	Haddock Otter Trawl	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1846	2010	Redfish	Haddock Otter Trawl	NEFS 5																		
1847	2010	Redfish	Haddock Otter Trawl	NEFS 6																		
1848	2010	Redfish	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.36	15	93.75	17	206865	166862.90	59.00	73	104.40	111	101.10	109
1849	2010	Redfish	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.19	10	83.33	223	169627	99223.20	32.00	55	76.60	82	86.70	92
1850	2010	Redfish	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	275	33023	159774.50	174.00	36	34.00	36	96.40	102
1851	2010	Redfish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1852	2010	Redfish	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.58	138	55.20	77856	5363866	1903251.10	9158.00	25810	1022.70	1101	424.50	459
1853	2010	Redfish	Haddock Otter Trawl	Tri-State Sector																		
1854	2010	Redfish	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	0	200676	44199.10	0.00	0	69.60	140	27.60	71
1855	2010	Redfish	Handline	Maine Coast Community Sector																		
1856	2010	Redfish	Handline	NCCS																		
1857	2010	Redfish	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
1858	2010	Redfish	Handline	NEFS 11																		
1859	2010	Redfish	Handline	NEFS 12																		
1860	2010	Redfish	Handline	NEFS 13																		
1861	2010	Redfish	Handline	NEFS 2																		
1862	2010	Redfish	Handline	NEFS 3																		
1863	2010	Redfish	Handline	NEFS 5																		
1864	2010	Redfish	Handline	NEFS 6																		
1865	2010	Redfish	Handline	NEFS 7																		
1866	2010	Redfish	Handline	NEFS 8																		
1867	2010	Redfish	Handline	NEFS 9																		
1868	2010	Redfish	Handline	Port Clyde Community Groundfish Sector																		
1869	2010	Redfish	Handline	Sustainable Harvest Sector 1																		
1870	2010	Redfish	Handline	Tri-State Sector																		
1871	2010	Redfish	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.22	170	24.67	21396	2345972	574862.40	69.00	282	275.70	705	111.30	265
1872	2010	Redfish	Large Mesh Gillnet	Maine Coast Community Sector																		
1873	2010	Redfish	Large Mesh Gillnet	NCCS																		
1874	2010	Redfish	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.55	210	70.95	1481	719986	276616.50	35.00	91	139.10	327	66.50	142
1875	2010	Redfish	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.38	488	50.73	31831	2958754	1078659.60	1273.00	3492	548.00	1201	215.50	445
1876	2010	Redfish	Large Mesh Gillnet	NEFS 12																		
1877	2010	Redfish	Large Mesh Gillnet	NEFS 13																		
1878	2010	Redfish	Large Mesh Gillnet	NEFS 2																		
1879	2010	Redfish	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.14	160	10.60	2367	2866998	938140.10	67.00	205	532.60	1551	197.50	540
1880	2010	Redfish	Large Mesh Gillnet	NEFS 5																		
1881	2010	Redfish	Large Mesh Gillnet	NEFS 6																		
1882	2010	Redfish	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	1003	88890	17558.50	0.00	0	36.40	43	7.20	8
1883	2010	Redfish	Large Mesh Gillnet	NEFS 8																		
1884	2010	Redfish	Large Mesh Gillnet	NEFS 9																		
1885	2010	Redfish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.32	125	35.01	5938	982739	310534.60	147.00	465	194.60	408	63.30	127
1886	2010	Redfish	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.25	34	33.01	44336	995791	458826.20	1075.00	2333	310.70	362	165.60	189
1887	2010	Redfish	Large Mesh Gillnet	Tri-State Sector																		
1888	2010	Redfish	Ruhle Trawl	Fixed Gear Sector																		
1889	2010	Redfish	Ruhle Trawl	Maine Coast Community Sector																		
1890	2010	Redfish	Ruhle Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1891	2010	Redfish	Ruhle Trawl	NEFS 10																		
1892	2010	Redfish	Ruhle Trawl	NEFS 11																		
1893	2010	Redfish	Ruhle Trawl	NEFS 12																		
1894	2010	Redfish	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302196.30	0.00	0	46.70	49	104.30	110
1895	2010	Redfish	Ruhle Trawl	NEFS 2																		
1896	2010	Redfish	Ruhle Trawl	NEFS 3																		
1897	2010	Redfish	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					20	118993	2033.00	0.00	0	63.10	68	2.50	3
1898	2010	Redfish	Ruhle Trawl	NEFS 6																		
1899	2010	Redfish	Ruhle Trawl	NEFS 7																		
1900	2010	Redfish	Ruhle Trawl	NEFS 8																		
1901	2010	Redfish	Ruhle Trawl	NEFS 9																		
1902	2010	Redfish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
1903	2010	Redfish	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	64531	186905	98823.40	0.00	0	36.00	38	45.00	49
1904	2010	Redfish	Ruhle Trawl	Tri-State Sector																		
1905	2010	SNE/MA Winter Flounder	Bottom Longline	Fixed Gear Sector	9	196	99	50.51	0.00	0.00	0.50	146	74.49	1	619479	311413.40	9.00	18	116.20	247	61.90	123
1906	2010	SNE/MA Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
1907	2010	SNE/MA Winter Flounder	Bottom Longline	NCCS																		
1908	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 10																		
1909	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 11																		
1910	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 12																		
1911	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 13																		
1912	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 2																		
1913	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 3																		
1914	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 5																		
1915	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 6																		
1916	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 7																		
1917	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 8																		
1918	2010	SNE/MA Winter Flounder	Bottom Longline	NEFS 9																		
1919	2010	SNE/MA Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
1920	2010	SNE/MA Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
1921	2010	SNE/MA Winter Flounder	Bottom Longline	Tri-State Sector																		
1922	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
1923	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
1924	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NCCS																		
1925	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 10																		
1926	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 11																		
1927	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 12																		
1928	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 13	36	170	54	31.76	0.01	0.00	0.24	40	23.53	2703	1175591	271133.80	2589.50	11228	437.40	524	161.10	191
1929	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 2	14	178	71	39.89	0.00	0.00	0.71	141	79.21	142	2761633	675044.80	209.00	855	720.30	804	286.90	323
1930	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 3																		
1931	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 5	55	558	222	39.78	0.01	0.00	0.08	27	4.84	3281	5202193	2303578.80	13222.50	29860	527.20	848	193.30	323
1932	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 6	8	77	23	29.87	0.00	0.00	0.88	61	79.22	945	1792597	199864.40	10.50	94	422.30	462	115.40	126
1933	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 7	14	86	26	30.23	0.01	0.00	0.58	54	62.79	160	548087	115837.10	721.50	3414	363.40	411	110.50	124
1934	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 8	19	67	15	22.39	0.01	0.00	0.65	39	58.21	121	746670	101862.00	1203.00	8818	327.70	357	83.90	91
1935	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 9	28	181	52	28.73	0.00	0.00	0.35	63	34.81	8843	2415210	602267.40	2255.50	9045	1050.30	1143	421.20	447

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1936	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
1937	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	31	251	125	49.80	0.00	0.00	0.30	123	49.00	864	3000341	955069.40	540.00	1696	1381.70	1514	722.90	784
1938	2010	SNE/MA Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
1939	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	29	891	363	40.74	0.00	0.00	0.65	681	76.43	0	5878322	1977497.40	266.50	792	386.60	1038	168.00	423
1940	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
1941	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
1942	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	5	19	5	26.32	0.00	0.00	0.00	0	0.00	0	97131	12535.50	0.00	0	29.70	42	7.10	10
1943	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	8	114	13	11.40	0.00	0.00	0.00	0	0.00	0	416893	47045.20	0.00	0	59.40	123	6.50	13
1944	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
1945	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
1946	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
1947	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	13	117	24	20.51	0.00	0.00	0.91	83	70.94	0	815174	151424.20	1.50	8	107.40	182	25.60	40
1948	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
1949	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
1950	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.92	95	73.08	5	1011612	325364.50	2.00	6	97.80	166	29.80	45
1951	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
1952	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
1953	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
1954	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
1955	2010	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
1956	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
1957	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
1958	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NCCS																		
1959	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 10																		
1960	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 11																		
1961	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 12																		
1962	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 13																		
1963	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 2	5	12	11	91.67	0.00	0.00	0.23	11	91.67	2	314206	88578.20	1.00	4	80.50	87	78.00	84
1964	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 3																		
1965	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 5																		
1966	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 6																		
1967	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 7																		
1968	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 8																		
1969	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 9																		
1970	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
1971	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	68	30	44.12	0.00	0.00	0.45	44	64.71	107	1245027	414761.80	411.50	1235	392.40	431	187.10	204
1972	2010	SNE/MA Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
1973	2010	SNE/MA Winter Flounder	Handline	Fixed Gear Sector	4	96	52	54.17	0.00	0.00	0.00	0	0.00	2	175064	32168.70	0.00	0	42.30	103	18.70	56
1974	2010	SNE/MA Winter Flounder	Handline	Maine Coast Community Sector																		
1975	2010	SNE/MA Winter Flounder	Handline	NCCS																		
1976	2010	SNE/MA Winter Flounder	Handline	NEFS 10																		
1977	2010	SNE/MA Winter Flounder	Handline	NEFS 11																		
1978	2010	SNE/MA Winter Flounder	Handline	NEFS 12																		
1979	2010	SNE/MA Winter Flounder	Handline	NEFS 13																		
1980	2010	SNE/MA Winter Flounder	Handline	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
1981	2010	SNE/MA Winter Flounder	Handline	NEFS 3																		
1982	2010	SNE/MA Winter Flounder	Handline	NEFS 5																		
1983	2010	SNE/MA Winter Flounder	Handline	NEFS 6																		
1984	2010	SNE/MA Winter Flounder	Handline	NEFS 7																		
1985	2010	SNE/MA Winter Flounder	Handline	NEFS 8																		
1986	2010	SNE/MA Winter Flounder	Handline	NEFS 9																		
1987	2010	SNE/MA Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
1988	2010	SNE/MA Winter Flounder	Handline	Sustainable Harvest Sector 1																		
1989	2010	SNE/MA Winter Flounder	Handline	Tri-State Sector																		
1990	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector	17	609	231	37.93	0.00	0.00	0.10	40	6.57	13	2169317	516185.30	1427.00	5997	248.70	625	99.40	236
1991	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
1992	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NCCS																		
1993	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 10																		
1994	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 11																		
1995	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 12																		
1996	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 13																		
1997	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 2																		
1998	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 3	4	8	2	25.00	0.00	0.00	0.00	0	0.00	1	37606	1117.80	0.00	0	8.00	13	1.70	3
1999	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 5																		
2000	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 6																		
2001	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 7	4	17	5	29.41	0.00	0.00	0.81	13	76.47	0	60681	17558.50	5.50	19	18.80	24	7.20	8
2002	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 8																		
2003	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 9																		
2004	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2005	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2006	2010	SNE/MA Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
2007	2010	SNE/MA Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
2008	2010	SNE/MA Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
2009	2010	SNE/MA Winter Flounder	Ruhle Trawl	NCCS																		
2010	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 10																		
2011	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 11																		
2012	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 12																		
2013	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 13																		
2014	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 2																		
2015	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 3																		
2016	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 5																		
2017	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 6																		
2018	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 7																		
2019	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 8																		
2020	2010	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 9																		
2021	2010	SNE/MA Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2022	2010	SNE/MA Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
2023	2010	SNE/MA Winter Flounder	Ruhle Trawl	Tri-State Sector																		
2024	2010	SNE/MA Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
2025	2010	SNE/MA Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2026	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NCCS																		
2027	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 10																		
2028	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 11																		
2029	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 12																		
2030	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 13																		
2031	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 2																		
2032	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 3																		
2033	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 5																		
2034	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 6																		
2035	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 7																		
2036	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 8																		
2037	2010	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 9																		
2038	2010	SNE/MA Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
2039	2010	SNE/MA Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
2040	2010	SNE/MA Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
2041	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
2042	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
2043	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
2044	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
2045	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
2046	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
2047	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	29	134	40	29.85	0.00	0.00	0.25	32	23.88	72064	860894	215030.30	1007.00	4032	251.10	322	74.50	97
2048	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 2																		
2049	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
2050	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	53	556	222	39.93	0.00	0.00	0.14	70	12.59	158845	5190936	2303578.80	1547.00	3486	526.80	847	193.30	323
2051	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 6																		
2052	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	8	39	16	41.03	0.00	0.00	0.55	28	71.79	18408	321746	83994.70	273.00	1046	109.30	134	41.20	49
2053	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	12	21	4	19.05	0.00	0.00	0.63	11	52.38	25459	156953	23643.50	12.00	80	75.80	87	9.30	11
2054	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	13	21	1	4.76	0.00					20075	235916	703.00	0.00	0	110.00	123	8.30	9
2055	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
2056	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	6	29	8	27.59	0.00	0.00	0.38	12	41.38	22155	166414	38834.20	139.00	596	57.60	70	11.60	15
2057	2010	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
2058	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	12	160	57	35.63	0.00	0.00	0.60	111	69.38	0	1070217	333120.50	3.00	10	177.30	292	69.60	112
2059	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2060	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
2061	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	3	15	3	20.00	0.00	0.00	0.00	0	0.00	0	86223	10959.90	0.00	0	22.70	33	4.00	6
2062	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	8	114	13	11.40	0.00	0.00	0.00	0	0.00	0	416893	47045.20	0.00	0	59.40	123	6.50	13
2063	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
2064	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
2065	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
2066	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	11	115	22	19.13	0.00	0.00	0.49	45	39.13	0	812959	149031.10	7.00	38	106.00	180	24.20	38
2067	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
2068	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
2069	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	7	112	22	19.64	0.00	0.00	0.00	0	0.00	3	836687	239066.00	0.00	0	87.50	148	24.20	38
2070	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2071	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
2072	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2073	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2074	2010	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
2075	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
2076	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
2077	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
2078	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
2079	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
2080	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
2081	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
2082	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
2083	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
2084	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
2085	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
2086	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
2087	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
2088	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
2089	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2090	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	7	1	14.29	0.00					551	62548	10855.00	14.00	81	19.30	23	6.90	7
2091	2010	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
2092	2010	SNE/MA Yellowtail Flounder	Handline	Fixed Gear Sector																		
2093	2010	SNE/MA Yellowtail Flounder	Handline	Maine Coast Community Sector																		
2094	2010	SNE/MA Yellowtail Flounder	Handline	NCCS																		
2095	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 10																		
2096	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 11																		
2097	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 12																		
2098	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 13																		
2099	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 2																		
2100	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 3																		
2101	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 5																		
2102	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 6																		
2103	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 7																		
2104	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 8																		
2105	2010	SNE/MA Yellowtail Flounder	Handline	NEFS 9																		
2106	2010	SNE/MA Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
2107	2010	SNE/MA Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
2108	2010	SNE/MA Yellowtail Flounder	Handline	Tri-State Sector																		
2109	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
2110	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
2111	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
2112	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
2113	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
2114	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
2115	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2116	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
2117	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	3	5	1	20.00	0.00					0	25461	560.00	0.00	0	3.60	7	1.10	2
2118	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
2119	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
2120	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
2121	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
2122	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
2123	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2124	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2125	2010	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
2126	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
2127	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
2128	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NCCS																		
2129	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
2130	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
2131	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
2132	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
2133	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
2134	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
2135	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
2136	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
2137	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
2138	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
2139	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
2140	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2141	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
2142	2010	SNE/MA Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
2143	2010	Southern Windowpane	Bottom Longline	Fixed Gear Sector																		
2144	2010	Southern Windowpane	Bottom Longline	Maine Coast Community Sector																		
2145	2010	Southern Windowpane	Bottom Longline	NCCS																		
2146	2010	Southern Windowpane	Bottom Longline	NEFS 10																		
2147	2010	Southern Windowpane	Bottom Longline	NEFS 11																		
2148	2010	Southern Windowpane	Bottom Longline	NEFS 12																		
2149	2010	Southern Windowpane	Bottom Longline	NEFS 13																		
2150	2010	Southern Windowpane	Bottom Longline	NEFS 2																		
2151	2010	Southern Windowpane	Bottom Longline	NEFS 3																		
2152	2010	Southern Windowpane	Bottom Longline	NEFS 5																		
2153	2010	Southern Windowpane	Bottom Longline	NEFS 6																		
2154	2010	Southern Windowpane	Bottom Longline	NEFS 7																		
2155	2010	Southern Windowpane	Bottom Longline	NEFS 8																		
2156	2010	Southern Windowpane	Bottom Longline	NEFS 9																		
2157	2010	Southern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
2158	2010	Southern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
2159	2010	Southern Windowpane	Bottom Longline	Tri-State Sector																		
2160	2010	Southern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2161	2010	Southern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
2162	2010	Southern Windowpane	Bottom Otter Trawl	NCCS																		
2163	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 10																		
2164	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 11																		
2165	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 12																		
2166	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 13	29	134	40	29.85	0.04	0.00	0.22	25	18.66	30	860894	215030.30	8564.00	34287	251.10	322	74.50	97
2167	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 2																		
2168	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 3																		
2169	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 5	53	556	222	39.93	0.01	0.00	0.09	33	5.94	186	5190936	2303578.80	28483.00	64184	526.80	847	193.30	323
2170	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 6																		
2171	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 7	8	39	16	41.03	0.01	0.00	0.40	22	56.41	0	321746	83994.70	1019.00	3903	109.30	134	41.20	49
2172	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 8	12	21	4	19.05	0.02	0.00	0.66	12	57.14	0	156953	23643.50	377.00	2503	75.80	87	9.30	11
2173	2010	Southern Windowpane	Bottom Otter Trawl	NEFS 9	13	21	1	4.76	0.00					0	235916	703.00	1.00	336	110.00	123	8.30	9
2174	2010	Southern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
2175	2010	Southern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	6	29	8	27.59	0.03	0.00	0.45	14	48.28	27	166414	38834.20	1067.00	4572	57.60	70	11.60	15
2176	2010	Southern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
2177	2010	Southern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	12	160	57	35.63	0.00	0.00	0.00	0	0.00	0	1070217	333120.50	0.00	0	177.30	292	69.60	112
2178	2010	Southern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2179	2010	Southern Windowpane	Extra Large Mesh Gillnet	NCCS																		
2180	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 10	3	15	3	20.00	0.00	0.00	0.00	0	0.00	0	86223	10959.90	0.00	0	22.70	33	4.00	6
2181	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 11	8	114	13	11.40	0.00	0.00	0.00	0	0.00	0	416893	47045.20	0.00	0	59.40	123	6.50	13
2182	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
2183	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
2184	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
2185	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 3	11	115	22	19.13	0.00	0.00	0.93	80	69.57	0	812959	149031.10	3.00	16	106.00	180	24.20	38
2186	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
2187	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
2188	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 7	7	112	22	19.64	0.00	0.00	0.00	0	0.00	0	836687	239066.00	0.00	0	87.50	148	24.20	38
2189	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
2190	2010	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
2191	2010	Southern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2192	2010	Southern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2193	2010	Southern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
2194	2010	Southern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
2195	2010	Southern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
2196	2010	Southern Windowpane	Haddock Otter Trawl	NCCS																		
2197	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 10																		
2198	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 11																		
2199	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 12																		
2200	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 13																		
2201	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 2																		
2202	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 3																		
2203	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 5																		
2204	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 6																		
2205	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 7																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2206	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 8																		
2207	2010	Southern Windowpane	Haddock Otter Trawl	NEFS 9																		
2208	2010	Southern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2209	2010	Southern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	7	1	14.29	0.00					0	62548	10855.00	27.00	156	19.30	23	6.90	7
2210	2010	Southern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
2211	2010	Southern Windowpane	Handline	Fixed Gear Sector																		
2212	2010	Southern Windowpane	Handline	Maine Coast Community Sector																		
2213	2010	Southern Windowpane	Handline	NCCS																		
2214	2010	Southern Windowpane	Handline	NEFS 10																		
2215	2010	Southern Windowpane	Handline	NEFS 11																		
2216	2010	Southern Windowpane	Handline	NEFS 12																		
2217	2010	Southern Windowpane	Handline	NEFS 13																		
2218	2010	Southern Windowpane	Handline	NEFS 2																		
2219	2010	Southern Windowpane	Handline	NEFS 3																		
2220	2010	Southern Windowpane	Handline	NEFS 5																		
2221	2010	Southern Windowpane	Handline	NEFS 6																		
2222	2010	Southern Windowpane	Handline	NEFS 7																		
2223	2010	Southern Windowpane	Handline	NEFS 8																		
2224	2010	Southern Windowpane	Handline	NEFS 9																		
2225	2010	Southern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
2226	2010	Southern Windowpane	Handline	Sustainable Harvest Sector 1																		
2227	2010	Southern Windowpane	Handline	Tri-State Sector																		
2228	2010	Southern Windowpane	Large Mesh Gillnet	Fixed Gear Sector																		
2229	2010	Southern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
2230	2010	Southern Windowpane	Large Mesh Gillnet	NCCS																		
2231	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 10																		
2232	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 11																		
2233	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 12																		
2234	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 13																		
2235	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 2																		
2236	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 3	3	5	1	20.00	0.00					0	25461	560.00	0.00	0	3.60	7	1.10	2
2237	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 5																		
2238	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 6																		
2239	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 7																		
2240	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 8																		
2241	2010	Southern Windowpane	Large Mesh Gillnet	NEFS 9																		
2242	2010	Southern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2243	2010	Southern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2244	2010	Southern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
2245	2010	Southern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
2246	2010	Southern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
2247	2010	Southern Windowpane	Ruhle Trawl	NCCS																		
2248	2010	Southern Windowpane	Ruhle Trawl	NEFS 10																		
2249	2010	Southern Windowpane	Ruhle Trawl	NEFS 11																		
2250	2010	Southern Windowpane	Ruhle Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2251	2010	Southern Windowpane	Ruhle Trawl	NEFS 13																		
2252	2010	Southern Windowpane	Ruhle Trawl	NEFS 2																		
2253	2010	Southern Windowpane	Ruhle Trawl	NEFS 3																		
2254	2010	Southern Windowpane	Ruhle Trawl	NEFS 5																		
2255	2010	Southern Windowpane	Ruhle Trawl	NEFS 6																		
2256	2010	Southern Windowpane	Ruhle Trawl	NEFS 7																		
2257	2010	Southern Windowpane	Ruhle Trawl	NEFS 8																		
2258	2010	Southern Windowpane	Ruhle Trawl	NEFS 9																		
2259	2010	Southern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2260	2010	Southern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
2261	2010	Southern Windowpane	Ruhle Trawl	Tri-State Sector																		
2262	2010	White Hake	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.24	96	29.63	12857	1393725	490950.90	700.00	1987	279.00	455	101.10	172
2263	2010	White Hake	Bottom Longline	Maine Coast Community Sector																		
2264	2010	White Hake	Bottom Longline	NCCS	3	35	12	34.29	0.01	0.00	0.55	23	65.71	635	10907	1473.80	12.00	89	16.90	37	5.30	12
2265	2010	White Hake	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
2266	2010	White Hake	Bottom Longline	NEFS 11																		
2267	2010	White Hake	Bottom Longline	NEFS 12																		
2268	2010	White Hake	Bottom Longline	NEFS 13																		
2269	2010	White Hake	Bottom Longline	NEFS 2																		
2270	2010	White Hake	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.80	87	77.68	0	138385	43339.60	1.00	3	62.20	123	19.30	37
2271	2010	White Hake	Bottom Longline	NEFS 5																		
2272	2010	White Hake	Bottom Longline	NEFS 6																		
2273	2010	White Hake	Bottom Longline	NEFS 7																		
2274	2010	White Hake	Bottom Longline	NEFS 8																		
2275	2010	White Hake	Bottom Longline	NEFS 9																		
2276	2010	White Hake	Bottom Longline	Port Clyde Community Groundfish Sector																		
2277	2010	White Hake	Bottom Longline	Sustainable Harvest Sector 1																		
2278	2010	White Hake	Bottom Longline	Tri-State Sector																		
2279	2010	White Hake	Bottom Otter Trawl	Fixed Gear Sector																		
2280	2010	White Hake	Bottom Otter Trawl	Maine Coast Community Sector																		
2281	2010	White Hake	Bottom Otter Trawl	NCCS																		
2282	2010	White Hake	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.39	122	49.80	4728	606337	193252.90	88.00	276	117.30	254	41.50	92
2283	2010	White Hake	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.89	42	80.77	299	134828	41008.80	4.00	13	25.70	55	8.40	18
2284	2010	White Hake	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.00	0	0.00	58	134601	45136.00	0.00	0	24.50	63	11.40	27
2285	2010	White Hake	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.50	155	43.54	56438	4291264	799783.20	882.00	4732	978.70	1111	297.00	338
2286	2010	White Hake	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.30	493	29.70	377473	9501121	2445375.50	615.00	2389	1670.10	2499	531.10	801
2287	2010	White Hake	Bottom Otter Trawl	NEFS 3																		
2288	2010	White Hake	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.40	315	51.89	2284	6164490	2572383.00	205.00	491	737.80	1075	239.00	373
2289	2010	White Hake	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.67	94	47.24	269459	3234868	596262.50	53.00	288	524.40	579	130.50	144
2290	2010	White Hake	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.28	44	16.99	20421	3054672	695869.20	1657.00	7274	807.00	893	263.30	289
2291	2010	White Hake	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.42	63	28.64	54892	3865554	680653.00	86.00	488	910.60	981	229.30	246
2292	2010	White Hake	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.20	39	7.01	306046	9464577	2054697.20	2903.00	13372	1876.30	2038	644.10	688
2293	2010	White Hake	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.38	61	49.19	30496	404917	133989.40	102.00	308	207.90	266	76.50	98
2294	2010	White Hake	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.21	156	11.95	2850843	19314148	5099786.70	5342.00	20231	3747.70	4188	1321.00	1460
2295	2010	White Hake	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.55	13	68.42	0	594126	196414.20	201.00	608	108.20	118	47.10	52

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2296	2010	White Hake	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.38	470	52.51	1099	5890850	1978849.40	159.00	473	388.90	1043	168.70	425
2297	2010	White Hake	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2298	2010	White Hake	Extra Large Mesh Gillnet	NCCS																		
2299	2010	White Hake	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.45	95	70.37	2674	307754	90669.40	45.00	153	106.40	187	48.30	88
2300	2010	White Hake	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.38	126	35.20	12869	1132090	153346.80	40.00	295	168.80	383	52.40	105
2301	2010	White Hake	Extra Large Mesh Gillnet	NEFS 12																		
2302	2010	White Hake	Extra Large Mesh Gillnet	NEFS 13																		
2303	2010	White Hake	Extra Large Mesh Gillnet	NEFS 2																		
2304	2010	White Hake	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.47	375	53.19	23508	2750057	521244.90	54.00	285	377.60	822	106.30	242
2305	2010	White Hake	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
2306	2010	White Hake	Extra Large Mesh Gillnet	NEFS 6																		
2307	2010	White Hake	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
2308	2010	White Hake	Extra Large Mesh Gillnet	NEFS 8																		
2309	2010	White Hake	Extra Large Mesh Gillnet	NEFS 9																		
2310	2010	White Hake	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2311	2010	White Hake	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.72	32	66.67	48713	303481	28197.00	124.00	1335	144.40	177	32.60	40
2312	2010	White Hake	Extra Large Mesh Gillnet	Tri-State Sector																		
2313	2010	White Hake	Haddock Otter Trawl	Fixed Gear Sector																		
2314	2010	White Hake	Haddock Otter Trawl	Maine Coast Community Sector																		
2315	2010	White Hake	Haddock Otter Trawl	NCCS																		
2316	2010	White Hake	Haddock Otter Trawl	NEFS 10																		
2317	2010	White Hake	Haddock Otter Trawl	NEFS 11																		
2318	2010	White Hake	Haddock Otter Trawl	NEFS 12																		
2319	2010	White Hake	Haddock Otter Trawl	NEFS 13																		
2320	2010	White Hake	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.29	16	23.19	39410	1212210	484424.30	288.00	721	297.90	320	107.70	116
2321	2010	White Hake	Haddock Otter Trawl	NEFS 3																		
2322	2010	White Hake	Haddock Otter Trawl	NEFS 5																		
2323	2010	White Hake	Haddock Otter Trawl	NEFS 6																		
2324	2010	White Hake	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.19	12	75.00	908	235493	166862.90	64.00	90	104.40	111	101.10	109
2325	2010	White Hake	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.23	11	91.67	0	169627	99223.20	10.00	17	76.60	82	86.70	92
2326	2010	White Hake	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	111	33023	159774.50	69.00	14	34.00	36	96.40	102
2327	2010	White Hake	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2328	2010	White Hake	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.32	66	26.40	73125	5362928	1903251.10	340.00	958	1022.70	1101	424.50	459
2329	2010	White Hake	Haddock Otter Trawl	Tri-State Sector																		
2330	2010	White Hake	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	0	200676	44199.10	0.00	0	69.60	140	27.60	71
2331	2010	White Hake	Handline	Maine Coast Community Sector																		
2332	2010	White Hake	Handline	NCCS																		
2333	2010	White Hake	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
2334	2010	White Hake	Handline	NEFS 11																		
2335	2010	White Hake	Handline	NEFS 12																		
2336	2010	White Hake	Handline	NEFS 13																		
2337	2010	White Hake	Handline	NEFS 2																		
2338	2010	White Hake	Handline	NEFS 3																		
2339	2010	White Hake	Handline	NEFS 5																		
2340	2010	White Hake	Handline	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2341	2010	White Hake	Handline	NEFS 7																		
2342	2010	White Hake	Handline	NEFS 8																		
2343	2010	White Hake	Handline	NEFS 9																		
2344	2010	White Hake	Handline	Port Clyde Community Groundfish Sector																		
2345	2010	White Hake	Handline	Sustainable Harvest Sector 1																		
2346	2010	White Hake	Handline	Tri-State Sector																		
2347	2010	White Hake	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.41	364	52.83	33961	2345972	574862.40	863.00	3522	275.70	705	111.30	265
2348	2010	White Hake	Large Mesh Gillnet	Maine Coast Community Sector																		
2349	2010	White Hake	Large Mesh Gillnet	NCCS																		
2350	2010	White Hake	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.41	169	57.09	10838	719986	276616.50	180.00	469	139.10	327	66.50	142
2351	2010	White Hake	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.40	509	52.91	153796	2958754	1078659.60	1475.00	4046	548.00	1201	215.50	445
2352	2010	White Hake	Large Mesh Gillnet	NEFS 12																		
2353	2010	White Hake	Large Mesh Gillnet	NEFS 13																		
2354	2010	White Hake	Large Mesh Gillnet	NEFS 2																		
2355	2010	White Hake	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.26	429	28.41	59618	2866998	938140.10	143.00	437	532.60	1551	197.50	540
2356	2010	White Hake	Large Mesh Gillnet	NEFS 5																		
2357	2010	White Hake	Large Mesh Gillnet	NEFS 6																		
2358	2010	White Hake	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.52	10	50.00	5128	88890	17558.50	11.00	56	36.40	43	7.20	8
2359	2010	White Hake	Large Mesh Gillnet	NEFS 8																		
2360	2010	White Hake	Large Mesh Gillnet	NEFS 9																		
2361	2010	White Hake	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.22	70	19.61	122572	982739	310534.60	858.00	2715	194.60	408	63.30	127
2362	2010	White Hake	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.33	49	47.57	199211	995791	458826.20	1482.00	3216	310.70	362	165.60	189
2363	2010	White Hake	Large Mesh Gillnet	Tri-State Sector																		
2364	2010	White Hake	Ruhle Trawl	Fixed Gear Sector																		
2365	2010	White Hake	Ruhle Trawl	Maine Coast Community Sector																		
2366	2010	White Hake	Ruhle Trawl	NCCS																		
2367	2010	White Hake	Ruhle Trawl	NEFS 10																		
2368	2010	White Hake	Ruhle Trawl	NEFS 11																		
2369	2010	White Hake	Ruhle Trawl	NEFS 12																		
2370	2010	White Hake	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302196.30	17.00	16	46.70	49	104.30	110
2371	2010	White Hake	Ruhle Trawl	NEFS 2																		
2372	2010	White Hake	Ruhle Trawl	NEFS 3																		
2373	2010	White Hake	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					316	169043	2033.00	0.00	0	63.10	68	2.50	3
2374	2010	White Hake	Ruhle Trawl	NEFS 6																		
2375	2010	White Hake	Ruhle Trawl	NEFS 7																		
2376	2010	White Hake	Ruhle Trawl	NEFS 8																		
2377	2010	White Hake	Ruhle Trawl	NEFS 9																		
2378	2010	White Hake	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2379	2010	White Hake	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	5841	186905	98823.40	0.00	0	36.00	38	45.00	49
2380	2010	White Hake	Ruhle Trawl	Tri-State Sector																		
2381	2010	Witch Flounder	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.00	0	0.00	0	1393725	490950.90	0.00	0	279.00	455	101.10	172
2382	2010	Witch Flounder	Bottom Longline	Maine Coast Community Sector																		
2383	2010	Witch Flounder	Bottom Longline	NCCS	3	35	12	34.29	0.00	0.00	0.00	0	0.00	0	10907	1473.80	0.00	0	16.90	37	5.30	12
2384	2010	Witch Flounder	Bottom Longline	NEFS 10	6	43	9	20.93	0.00	0.00	0.00	0	0.00	0	75215	13484.20	0.00	0	17.40	43	4.30	9
2385	2010	Witch Flounder	Bottom Longline	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2386	2010	Witch Flounder	Bottom Longline	NEFS 12																		
2387	2010	Witch Flounder	Bottom Longline	NEFS 13																		
2388	2010	Witch Flounder	Bottom Longline	NEFS 2																		
2389	2010	Witch Flounder	Bottom Longline	NEFS 3	7	112	36	32.14	0.00	0.00	0.00	0	0.00	0	138385	43339.60	0.00	0	62.20	123	19.30	37
2390	2010	Witch Flounder	Bottom Longline	NEFS 5																		
2391	2010	Witch Flounder	Bottom Longline	NEFS 6																		
2392	2010	Witch Flounder	Bottom Longline	NEFS 7																		
2393	2010	Witch Flounder	Bottom Longline	NEFS 8																		
2394	2010	Witch Flounder	Bottom Longline	NEFS 9																		
2395	2010	Witch Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
2396	2010	Witch Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
2397	2010	Witch Flounder	Bottom Longline	Tri-State Sector																		
2398	2010	Witch Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
2399	2010	Witch Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
2400	2010	Witch Flounder	Bottom Otter Trawl	NCCS																		
2401	2010	Witch Flounder	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.18	42	17.14	40133	606337	193252.90	324.00	1017	117.30	254	41.50	92
2402	2010	Witch Flounder	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.01	0.00	0.55	32	61.54	5842	134828	41008.80	248.00	815	25.70	55	8.40	18
2403	2010	Witch Flounder	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.42	37	61.67	4039	134601	45136.00	106.00	316	24.50	63	11.40	27
2404	2010	Witch Flounder	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.32	85	23.88	49647	4291264	799783.20	1181.00	6337	978.70	1111	297.00	338
2405	2010	Witch Flounder	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.11	85	5.12	231208	9495473	2445375.50	4434.00	17217	1670.10	2499	531.10	801
2406	2010	Witch Flounder	Bottom Otter Trawl	NEFS 3																		
2407	2010	Witch Flounder	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.25	182	29.98	17570	6123192	2572383.00	743.00	1769	737.80	1075	239.00	373
2408	2010	Witch Flounder	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.25	22	11.06	141318	3234868	596262.50	888.00	4818	524.40	579	130.50	144
2409	2010	Witch Flounder	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.20	25	9.65	55968	3036154	695869.20	2327.00	10153	807.00	893	263.30	289
2410	2010	Witch Flounder	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.36	51	23.18	44190	3865554	680653.00	986.00	5600	910.60	981	229.30	246
2411	2010	Witch Flounder	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.19	35	6.29	147645	9464577	2054697.20	4573.00	21065	1876.30	2038	644.10	688
2412	2010	Witch Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.02	0.00	0.14	15	12.10	42726	404917	133989.40	2121.00	6410	207.90	266	76.50	98
2413	2010	Witch Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.09	34	2.61	542676	19370209	5099786.70	13446.00	51071	3747.70	4188	1321.00	1460
2414	2010	Witch Flounder	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.26	6	31.58	4592	594126	196414.20	262.00	793	108.20	118	47.10	52
2415	2010	Witch Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.00	0	0.00	22	5890850	1978849.40	0.00	0	388.90	1043	168.70	425
2416	2010	Witch Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2417	2010	Witch Flounder	Extra Large Mesh Gillnet	NCCS																		
2418	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.47	97	71.85	138	307754	90669.40	13.00	44	106.40	187	48.30	88
2419	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.46	161	44.97	1090	1132090	153346.80	5.00	37	168.80	383	52.40	105
2420	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 12																		
2421	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 13																		
2422	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 2																		
2423	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.49	393	55.74	16102	2750057	521244.90	7.00	37	377.60	822	106.30	242
2424	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
2425	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 6																		
2426	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
2427	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 8																		
2428	2010	Witch Flounder	Extra Large Mesh Gillnet	NEFS 9																		
2429	2010	Witch Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2430	2010	Witch Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.48	23	47.92	10395	303481	28197.00	13.00	140	144.40	177	32.60	40

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2431	2010	Witch Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
2432	2010	Witch Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
2433	2010	Witch Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
2434	2010	Witch Flounder	Haddock Otter Trawl	NCCS																		
2435	2010	Witch Flounder	Haddock Otter Trawl	NEFS 10																		
2436	2010	Witch Flounder	Haddock Otter Trawl	NEFS 11																		
2437	2010	Witch Flounder	Haddock Otter Trawl	NEFS 12																		
2438	2010	Witch Flounder	Haddock Otter Trawl	NEFS 13																		
2439	2010	Witch Flounder	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.32	18	26.09	22387	1201398	484424.30	312.00	774	297.90	320	107.70	116
2440	2010	Witch Flounder	Haddock Otter Trawl	NEFS 3																		
2441	2010	Witch Flounder	Haddock Otter Trawl	NEFS 5																		
2442	2010	Witch Flounder	Haddock Otter Trawl	NEFS 6																		
2443	2010	Witch Flounder	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.33	15	93.75	3302	206865	166862.90	24.00	30	104.40	111	101.10	109
2444	2010	Witch Flounder	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.19	10	83.33	33	169627	99223.20	48.00	82	76.60	82	86.70	92
2445	2010	Witch Flounder	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	425	33023	159774.50	722.00	149	34.00	36	96.40	102
2446	2010	Witch Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2447	2010	Witch Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.24	44	17.60	25867	5380615	1903251.10	416.00	1176	1022.70	1101	424.50	459
2448	2010	Witch Flounder	Haddock Otter Trawl	Tri-State Sector																		
2449	2010	Witch Flounder	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.00	0	0.00	0	200676	44199.10	0.00	0	69.60	140	27.60	71
2450	2010	Witch Flounder	Handline	Maine Coast Community Sector																		
2451	2010	Witch Flounder	Handline	NCCS																		
2452	2010	Witch Flounder	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
2453	2010	Witch Flounder	Handline	NEFS 11																		
2454	2010	Witch Flounder	Handline	NEFS 12																		
2455	2010	Witch Flounder	Handline	NEFS 13																		
2456	2010	Witch Flounder	Handline	NEFS 2																		
2457	2010	Witch Flounder	Handline	NEFS 3																		
2458	2010	Witch Flounder	Handline	NEFS 5																		
2459	2010	Witch Flounder	Handline	NEFS 6																		
2460	2010	Witch Flounder	Handline	NEFS 7																		
2461	2010	Witch Flounder	Handline	NEFS 8																		
2462	2010	Witch Flounder	Handline	NEFS 9																		
2463	2010	Witch Flounder	Handline	Port Clyde Community Groundfish Sector																		
2464	2010	Witch Flounder	Handline	Sustainable Harvest Sector 1																		
2465	2010	Witch Flounder	Handline	Tri-State Sector																		
2466	2010	Witch Flounder	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.51	437	63.43	348	2345972	574862.40	26.00	106	275.70	705	111.30	265
2467	2010	Witch Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
2468	2010	Witch Flounder	Large Mesh Gillnet	NCCS																		
2469	2010	Witch Flounder	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.39	164	55.41	1297	719986	276616.50	6.00	16	139.10	327	66.50	142
2470	2010	Witch Flounder	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.11	70	7.28	994	2958754	1078659.60	119.00	326	548.00	1201	215.50	445
2471	2010	Witch Flounder	Large Mesh Gillnet	NEFS 12																		
2472	2010	Witch Flounder	Large Mesh Gillnet	NEFS 13																		
2473	2010	Witch Flounder	Large Mesh Gillnet	NEFS 2																		
2474	2010	Witch Flounder	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.23	370	24.50	1343	2866998	938140.10	15.00	46	532.60	1551	197.50	540
2475	2010	Witch Flounder	Large Mesh Gillnet	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2476	2010	Witch Flounder	Large Mesh Gillnet	NEFS 6																		
2477	2010	Witch Flounder	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	10	88890	17558.50	0.00	0	36.40	43	7.20	8
2478	2010	Witch Flounder	Large Mesh Gillnet	NEFS 8																		
2479	2010	Witch Flounder	Large Mesh Gillnet	NEFS 9																		
2480	2010	Witch Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.20	61	17.09	320	982739	310534.60	34.00	108	194.60	408	63.30	127
2481	2010	Witch Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.19	23	22.33	778	995791	458826.20	23.00	50	310.70	362	165.60	189
2482	2010	Witch Flounder	Large Mesh Gillnet	Tri-State Sector																		
2483	2010	Witch Flounder	Ruhle Trawl	Fixed Gear Sector																		
2484	2010	Witch Flounder	Ruhle Trawl	Maine Coast Community Sector																		
2485	2010	Witch Flounder	Ruhle Trawl	NCCS																		
2486	2010	Witch Flounder	Ruhle Trawl	NEFS 10																		
2487	2010	Witch Flounder	Ruhle Trawl	NEFS 11																		
2488	2010	Witch Flounder	Ruhle Trawl	NEFS 12																		
2489	2010	Witch Flounder	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	725	287947	302196.30	23.00	22	46.70	49	104.30	110
2490	2010	Witch Flounder	Ruhle Trawl	NEFS 2																		
2491	2010	Witch Flounder	Ruhle Trawl	NEFS 3																		
2492	2010	Witch Flounder	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					3851	131431	2033.00	0.00	0	63.10	68	2.50	3
2493	2010	Witch Flounder	Ruhle Trawl	NEFS 6																		
2494	2010	Witch Flounder	Ruhle Trawl	NEFS 7																		
2495	2010	Witch Flounder	Ruhle Trawl	NEFS 8																		
2496	2010	Witch Flounder	Ruhle Trawl	NEFS 9																		
2497	2010	Witch Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2498	2010	Witch Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	1664	200822	98823.40	0.00	0	36.00	38	45.00	49
2499	2010	Witch Flounder	Ruhle Trawl	Tri-State Sector																		
2500	2010	Wolffish	Bottom Longline	Fixed Gear Sector	30	324	128	39.51	0.00	0.00	0.27	114	35.19	5	1393725	490950.90	282.00	801	279.00	455	101.10	172
2501	2010	Wolffish	Bottom Longline	Maine Coast Community Sector																		
2502	2010	Wolffish	Bottom Longline	NCCS	3	35	12	34.29	0.01	0.00	0.90	29	82.86	0	10907	1473.80	21.00	155	16.90	37	5.30	12
2503	2010	Wolffish	Bottom Longline	NEFS 10	6	43	9	20.93	0.01	0.00	0.51	19	44.19	0	75215	13484.20	72.00	402	17.40	43	4.30	9
2504	2010	Wolffish	Bottom Longline	NEFS 11																		
2505	2010	Wolffish	Bottom Longline	NEFS 12																		
2506	2010	Wolffish	Bottom Longline	NEFS 13																		
2507	2010	Wolffish	Bottom Longline	NEFS 2																		
2508	2010	Wolffish	Bottom Longline	NEFS 3	7	112	36	32.14	0.02	0.00	0.42	54	48.21	0	138385	43339.60	682.00	2178	62.20	123	19.30	37
2509	2010	Wolffish	Bottom Longline	NEFS 5																		
2510	2010	Wolffish	Bottom Longline	NEFS 6																		
2511	2010	Wolffish	Bottom Longline	NEFS 7																		
2512	2010	Wolffish	Bottom Longline	NEFS 8																		
2513	2010	Wolffish	Bottom Longline	NEFS 9																		
2514	2010	Wolffish	Bottom Longline	Port Clyde Community Groundfish Sector																		
2515	2010	Wolffish	Bottom Longline	Sustainable Harvest Sector 1																		
2516	2010	Wolffish	Bottom Longline	Tri-State Sector																		
2517	2010	Wolffish	Bottom Otter Trawl	Fixed Gear Sector																		
2518	2010	Wolffish	Bottom Otter Trawl	Maine Coast Community Sector																		
2519	2010	Wolffish	Bottom Otter Trawl	NCCS																		
2520	2010	Wolffish	Bottom Otter Trawl	NEFS 10	12	245	91	37.14	0.00	0.00	0.15	33	13.47	0	606337	193252.90	581.00	1823	117.30	254	41.50	92

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2521	2010	Wolffish	Bottom Otter Trawl	NEFS 11	9	52	16	30.77	0.00	0.00	0.51	30	57.69	0	134828	41008.80	75.00	247	25.70	55	8.40	18
2522	2010	Wolffish	Bottom Otter Trawl	NEFS 12	5	60	27	45.00	0.00	0.00	0.33	30	50.00	0	134601	45136.00	156.00	465	24.50	63	11.40	27
2523	2010	Wolffish	Bottom Otter Trawl	NEFS 13	77	356	77	21.63	0.00	0.00	0.35	100	28.09	6	4291264	799783.20	208.00	1116	978.70	1111	297.00	338
2524	2010	Wolffish	Bottom Otter Trawl	NEFS 2	101	1660	494	29.76	0.00	0.00	0.12	102	6.14	0	9495473	2445375.50	2551.00	9906	1670.10	2499	531.10	801
2525	2010	Wolffish	Bottom Otter Trawl	NEFS 3																		
2526	2010	Wolffish	Bottom Otter Trawl	NEFS 5	79	607	230	37.89	0.00	0.00	0.00	0	0.00	2	6112202	2572383.00	0.00	0	737.80	1075	239.00	373
2527	2010	Wolffish	Bottom Otter Trawl	NEFS 6	21	199	30	15.08	0.00	0.00	0.57	79	39.70	0	3234868	596262.50	113.00	613	524.40	579	130.50	144
2528	2010	Wolffish	Bottom Otter Trawl	NEFS 7	35	259	49	18.92	0.00	0.00	0.31	51	19.69	0	3036154	695869.20	302.00	1318	807.00	893	263.30	289
2529	2010	Wolffish	Bottom Otter Trawl	NEFS 8	52	220	38	17.27	0.00	0.00	0.54	88	40.00	6	3865554	680653.00	43.00	244	910.60	981	229.30	246
2530	2010	Wolffish	Bottom Otter Trawl	NEFS 9	97	556	82	14.75	0.00	0.00	0.24	55	9.89	0	9464577	2054697.20	1205.00	5551	1876.30	2038	644.10	688
2531	2010	Wolffish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	18	124	46	37.10	0.00	0.00	0.28	42	33.87	0	404917	133989.40	128.00	387	207.90	266	76.50	98
2532	2010	Wolffish	Bottom Otter Trawl	Sustainable Harvest Sector 1	168	1305	279	21.38	0.00	0.00	0.21	149	11.42	491	19288422	5099786.70	1999.00	7561	3747.70	4188	1321.00	1460
2533	2010	Wolffish	Bottom Otter Trawl	Tri-State Sector	7	19	7	36.84	0.00	0.00	0.00	0	0.00	0	594126	196414.20	0.00	0	108.20	118	47.10	52
2534	2010	Wolffish	Extra Large Mesh Gillnet	Fixed Gear Sector	31	895	365	40.78	0.00	0.00	0.52	607	67.82	0	5890850	1978849.40	47.00	140	388.90	1043	168.70	425
2535	2010	Wolffish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2536	2010	Wolffish	Extra Large Mesh Gillnet	NCCS																		
2537	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 10	12	135	68	50.37	0.00	0.00	0.00	0	0.00	0	307754	90669.40	0.00	0	106.40	187	48.30	88
2538	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 11	22	358	92	25.70	0.00	0.00	0.39	131	36.59	0	1132090	153346.80	89.00	657	168.80	383	52.40	105
2539	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 12																		
2540	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 13																		
2541	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 2																		
2542	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 3	41	705	223	31.63	0.00	0.00	0.29	213	30.21	0	2750057	521244.90	156.00	823	377.60	822	106.30	242
2543	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 5	5	15	5	33.33	0.00	0.00	0.00	0	0.00	0	65496	26121.00	0.00	0	22.40	35	6.20	11
2544	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 6																		
2545	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 7	9	130	29	22.31	0.00	0.00	0.00	0	0.00	0	1011612	325364.50	0.00	0	97.80	166	29.80	45
2546	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 8																		
2547	2010	Wolffish	Extra Large Mesh Gillnet	NEFS 9																		
2548	2010	Wolffish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2549	2010	Wolffish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1	7	48	12	25.00	0.00	0.00	0.84	35	72.92	0	303481	28197.00	24.00	258	144.40	177	32.60	40
2550	2010	Wolffish	Extra Large Mesh Gillnet	Tri-State Sector																		
2551	2010	Wolffish	Haddock Otter Trawl	Fixed Gear Sector																		
2552	2010	Wolffish	Haddock Otter Trawl	Maine Coast Community Sector																		
2553	2010	Wolffish	Haddock Otter Trawl	NCCS																		
2554	2010	Wolffish	Haddock Otter Trawl	NEFS 10																		
2555	2010	Wolffish	Haddock Otter Trawl	NEFS 11																		
2556	2010	Wolffish	Haddock Otter Trawl	NEFS 12																		
2557	2010	Wolffish	Haddock Otter Trawl	NEFS 13																		
2558	2010	Wolffish	Haddock Otter Trawl	NEFS 2	26	69	16	23.19	0.00	0.00	0.41	25	36.23	0	1201398	484424.30	61.00	151	297.90	320	107.70	116
2559	2010	Wolffish	Haddock Otter Trawl	NEFS 3																		
2560	2010	Wolffish	Haddock Otter Trawl	NEFS 5																		
2561	2010	Wolffish	Haddock Otter Trawl	NEFS 6																		
2562	2010	Wolffish	Haddock Otter Trawl	NEFS 7	6	16	14	87.50	0.00	0.00	0.00	0	0.00	0	206865	166862.90	0.00	0	104.40	111	101.10	109
2563	2010	Wolffish	Haddock Otter Trawl	NEFS 8	8	12	11	91.67	0.00	0.00	0.27	11	91.67	0	169627	99223.20	9.00	15	76.60	82	86.70	92
2564	2010	Wolffish	Haddock Otter Trawl	NEFS 9	4	13	13	100.00	0.00	0.00	0.00	0	0.00	0	33023	159774.50	34.00	7	34.00	36	96.40	102
2565	2010	Wolffish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2566	2010	Wolffish	Haddock Otter Trawl	Sustainable Harvest Sector 1	47	250	61	24.40	0.00	0.00	0.59	139	55.60	0	5272460	1903251.10	406.00	1125	1022.70	1101	424.50	459
2567	2010	Wolffish	Haddock Otter Trawl	Tri-State Sector																		
2568	2010	Wolffish	Handline	Fixed Gear Sector	9	119	64	53.78	0.00	0.00	0.69	103	86.55	0	200676	44199.10	10.00	45	69.60	140	27.60	71
2569	2010	Wolffish	Handline	Maine Coast Community Sector																		
2570	2010	Wolffish	Handline	NCCS																		
2571	2010	Wolffish	Handline	NEFS 10	3	9	8	88.89	0.00	0.00	0.00	0	0.00	0	15816	14370.60	0.00	0	3.80	9	3.90	8
2572	2010	Wolffish	Handline	NEFS 11																		
2573	2010	Wolffish	Handline	NEFS 12																		
2574	2010	Wolffish	Handline	NEFS 13																		
2575	2010	Wolffish	Handline	NEFS 2																		
2576	2010	Wolffish	Handline	NEFS 3																		
2577	2010	Wolffish	Handline	NEFS 5																		
2578	2010	Wolffish	Handline	NEFS 6																		
2579	2010	Wolffish	Handline	NEFS 7																		
2580	2010	Wolffish	Handline	NEFS 8																		
2581	2010	Wolffish	Handline	NEFS 9																		
2582	2010	Wolffish	Handline	Port Clyde Community Groundfish Sector																		
2583	2010	Wolffish	Handline	Sustainable Harvest Sector 1																		
2584	2010	Wolffish	Handline	Tri-State Sector																		
2585	2010	Wolffish	Large Mesh Gillnet	Fixed Gear Sector	19	689	260	37.74	0.00	0.00	0.14	83	12.05	10	2345972	574862.40	1057.00	4314	275.70	705	111.30	265
2586	2010	Wolffish	Large Mesh Gillnet	Maine Coast Community Sector																		
2587	2010	Wolffish	Large Mesh Gillnet	NCCS																		
2588	2010	Wolffish	Large Mesh Gillnet	NEFS 10	11	296	124	41.89	0.00	0.00	0.21	78	26.35	0	719986	276616.50	396.00	1031	139.10	327	66.50	142
2589	2010	Wolffish	Large Mesh Gillnet	NEFS 11	36	962	374	38.88	0.00	0.00	0.29	353	36.69	0	2958754	1078659.60	99.00	272	548.00	1201	215.50	445
2590	2010	Wolffish	Large Mesh Gillnet	NEFS 12																		
2591	2010	Wolffish	Large Mesh Gillnet	NEFS 13																		
2592	2010	Wolffish	Large Mesh Gillnet	NEFS 2																		
2593	2010	Wolffish	Large Mesh Gillnet	NEFS 3	39	1510	533	35.30	0.00	0.00	0.20	285	18.87	0	2866998	938140.10	254.00	776	532.60	1551	197.50	540
2594	2010	Wolffish	Large Mesh Gillnet	NEFS 5																		
2595	2010	Wolffish	Large Mesh Gillnet	NEFS 6																		
2596	2010	Wolffish	Large Mesh Gillnet	NEFS 7	5	20	5	25.00	0.00	0.00	0.00	0	0.00	0	88890	17558.50	0.00	0	36.40	43	7.20	8
2597	2010	Wolffish	Large Mesh Gillnet	NEFS 8																		
2598	2010	Wolffish	Large Mesh Gillnet	NEFS 9																		
2599	2010	Wolffish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	16	357	113	31.65	0.00	0.00	0.35	139	38.94	0	982739	310534.60	78.00	247	194.60	408	63.30	127
2600	2010	Wolffish	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	103	43	41.75	0.00	0.00	0.37	54	52.43	0	995791	458826.20	36.00	78	310.70	362	165.60	189
2601	2010	Wolffish	Large Mesh Gillnet	Tri-State Sector																		
2602	2010	Wolffish	Ruhle Trawl	Fixed Gear Sector																		
2603	2010	Wolffish	Ruhle Trawl	Maine Coast Community Sector																		
2604	2010	Wolffish	Ruhle Trawl	NCCS																		
2605	2010	Wolffish	Ruhle Trawl	NEFS 10																		
2606	2010	Wolffish	Ruhle Trawl	NEFS 11																		
2607	2010	Wolffish	Ruhle Trawl	NEFS 12																		
2608	2010	Wolffish	Ruhle Trawl	NEFS 13	4	16	16	100.00	0.00	0.00	0.00	0	0.00	0	287947	302196.30	0.00	0	46.70	49	104.30	110
2609	2010	Wolffish	Ruhle Trawl	NEFS 2																		
2610	2010	Wolffish	Ruhle Trawl	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2611	2010	Wolffish	Ruhle Trawl	NEFS 5	6	11	1	9.09	0.00					4	118993	2033.00	0.00	0	63.10	68	2.50	3
2612	2010	Wolffish	Ruhle Trawl	NEFS 6																		
2613	2010	Wolffish	Ruhle Trawl	NEFS 7																		
2614	2010	Wolffish	Ruhle Trawl	NEFS 8																		
2615	2010	Wolffish	Ruhle Trawl	NEFS 9																		
2616	2010	Wolffish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2617	2010	Wolffish	Ruhle Trawl	Sustainable Harvest Sector 1	6	7	7	100.00	0.00	0.00	0.00	0	0.00	0	186905	98823.40	0.00	0	36.00	38	45.00	49
2618	2010	Wolffish	Ruhle Trawl	Tri-State Sector																		
2619	2011	CC/GOM Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	16	328	40	12.20	0.00	0.00	0.00	0	0.00	29	1046745	127086.30	0.00	0	168.50	359	14.30	44
2620	2011	CC/GOM Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
2621	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NCCS																		
2622	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
2623	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 11																		
2624	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 12																		
2625	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 13																		
2626	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 2																		
2627	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.00	0	0.00	0	298479	79608.30	0.00	0	140.80	308	38.80	81
2628	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 5																		
2629	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 6																		
2630	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 7																		
2631	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 8																		
2632	2011	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 9																		
2633	2011	CC/GOM Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
2634	2011	CC/GOM Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
2635	2011	CC/GOM Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
2636	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
2637	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
2638	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
2639	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.03	0.00	0.16	58	10.78	288490	1690509	440369.40	13506.00	51847	290.90	584	79.60	170
2640	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.01	0.00	0.31	45	30.82	29748	311558	74652.00	920.00	3840	72.90	157	21.90	47
2641	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.03	0.00	0.36	51	36.43	14195	177907	54104.20	1531.00	5034	61.20	143	20.40	42
2642	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	16	73	23	31.51	0.00	0.00	0.64	50	68.49	15219	769423	185697.90	56.00	232	379.30	411	158.40	171
2643	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	77	2352	550	23.38	0.01	0.00	0.13	121	5.14	289835	10822077	2944065.80	18120.00	66607	2268.80	3396	695.80	989
2644	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.22	2	8.33	13336	53664	4363.00	12.00	148	15.90	28	1.40	2
2645	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		
2646	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	13	198	42	21.21	0.00	0.00	0.24	30	15.15	105618	3600784	1015463.40	1470.00	5213	611.90	673	226.50	247
2647	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	5	43	7	16.28	0.00	0.00	0.00	0	0.00	53907	118080	15548.30	0.00	0	234.80	261	28.70	32
2648	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	12	52	17	32.69	0.00	0.00	0.63	36	69.23	105797	582938	192823.70	410.00	1239	327.60	349	125.80	135
2649	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	44	287	89	31.01	0.00	0.00	0.25	70	24.39	351264	4903428	1154268.60	3270.00	13891	1625.20	1748	651.20	702
2650	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.63	105	66.04	18	499763	164841.10	3.00	9	259.60	339	92.10	117
2651	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	125	1162	296	25.47	0.00	0.00	0.29	277	23.84	72946	19061786	5723867.50	2685.00	8942	4147.40	4566	1616.00	1765
2652	2011	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
2653	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	16	1044	290	27.78	0.00	0.00	0.00	0	0.00	12	6414707	1661832.10	0.00	0	297.60	1066	84.10	291
2654	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2655	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2656	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	4	89	50	56.18	0.00	0.00	0.00	0	0.00	56	189089	75046.30	0.00	0	73.90	121	48.50	72
2657	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	4	61	61	100.00	0.00	0.00	0.00	0	0.00	6	142250	62863.80	0.00	0	21.10	61	27.60	61
2658	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
2659	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
2660	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
2661	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	16	360	143	39.72	0.00	0.00	0.42	204	56.67	1399	849965	174701.50	5.00	24	202.70	416	73.50	155
2662	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
2663	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
2664	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
2665	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
2666	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
2667	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2668	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2669	2011	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
2670	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
2671	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
2672	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
2673	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
2674	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
2675	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
2676	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
2677	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
2678	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
2679	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
2680	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
2681	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
2682	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
2683	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 9	3	20	2	10.00	0.00	0.00	0.00	0	0.00	535	186140	16063.20	0.00	0	62.00	67	12.10	13
2684	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2685	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	8	22	22	100.00	0.00	0.00	0.00	0	0.00	6483	157237	445572.70	41.00	14	133.80	143	161.20	170
2686	2011	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
2687	2011	CC/GOM Yellowtail Flounder	Handline	Fixed Gear Sector	4	99	32	32.32	0.00	0.00	0.00	0	0.00	0	153649	39311.00	0.00	0	57.20	117	10.50	34
2688	2011	CC/GOM Yellowtail Flounder	Handline	Maine Coast Community Sector																		
2689	2011	CC/GOM Yellowtail Flounder	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
2690	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
2691	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 11																		
2692	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 12																		
2693	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 13																		
2694	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 2																		
2695	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 3																		
2696	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 5																		
2697	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 6																		
2698	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 7																		
2699	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 8																		
2700	2011	CC/GOM Yellowtail Flounder	Handline	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2701	2011	CC/GOM Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
2702	2011	CC/GOM Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
2703	2011	CC/GOM Yellowtail Flounder	Handline	Tri-State Sector																		
2704	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector	18	802	233	29.05	0.00	0.00	0.30	234	29.18	1817	2301224	586115.50	62.00	243	279.40	817	82.30	235
2705	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
2706	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
2707	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 10	12	359	149	41.50	0.00	0.00	0.18	74	20.61	73660	1122365	441761.00	1501.00	3814	295.00	501	105.20	193
2708	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.22	201	15.47	727	4076694	932163.20	51.00	223	481.80	1332	128.90	326
2709	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 12	6	96	22	22.92	0.00	0.00	0.00	0	0.00	0	1059087	212863.50	0.00	0	367.90	419	80.40	93
2710	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
2711	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
2712	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	31	2103	717	34.09	0.01	0.00	0.10	116	5.52	123724	3455744	1100298.90	8002.00	25132	795.30	2139	285.20	725
2713	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
2714	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
2715	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 7	4	14	6	42.86	0.00	0.00	0.72	12	85.71	24	64474	39861.90	2.00	3	49.20	56	31.90	35
2716	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
2717	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
2718	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	14	557	146	26.21	0.00	0.00	0.47	262	47.04	19	1849272	446871.00	16.00	66	412.20	740	101.90	182
2719	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.47	54	47.79	83	894379	332117.40	16.00	43	369.50	429	133.30	152
2720	2011	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
2721	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
2722	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
2723	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NCCS																		
2724	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
2725	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
2726	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
2727	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
2728	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
2729	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
2730	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
2731	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
2732	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
2733	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
2734	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
2735	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2736	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
2737	2011	CC/GOM Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
2738	2011	GB Cod East	Bottom Longline	Fixed Gear Sector	3	31	5	16.13	0.05	0.00	0.24	4	12.90	95429	202322	19785.40	910.00	9306	65.90	78	11.30	14
2739	2011	GB Cod East	Bottom Longline	Maine Coast Community Sector																		
2740	2011	GB Cod East	Bottom Longline	NCCS																		
2741	2011	GB Cod East	Bottom Longline	NEFS 10																		
2742	2011	GB Cod East	Bottom Longline	NEFS 11																		
2743	2011	GB Cod East	Bottom Longline	NEFS 12																		
2744	2011	GB Cod East	Bottom Longline	NEFS 13																		
2745	2011	GB Cod East	Bottom Longline	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2746	2011	GB Cod East	Bottom Longline	NEFS 3																		
2747	2011	GB Cod East	Bottom Longline	NEFS 5																		
2748	2011	GB Cod East	Bottom Longline	NEFS 6																		
2749	2011	GB Cod East	Bottom Longline	NEFS 7																		
2750	2011	GB Cod East	Bottom Longline	NEFS 8																		
2751	2011	GB Cod East	Bottom Longline	NEFS 9																		
2752	2011	GB Cod East	Bottom Longline	Port Clyde Community Groundfish Sector																		
2753	2011	GB Cod East	Bottom Longline	Sustainable Harvest Sector 1																		
2754	2011	GB Cod East	Bottom Longline	Tri-State Sector																		
2755	2011	GB Cod East	Bottom Otter Trawl	Fixed Gear Sector																		
2756	2011	GB Cod East	Bottom Otter Trawl	Maine Coast Community Sector																		
2757	2011	GB Cod East	Bottom Otter Trawl	NCCS																		
2758	2011	GB Cod East	Bottom Otter Trawl	NEFS 10																		
2759	2011	GB Cod East	Bottom Otter Trawl	NEFS 11																		
2760	2011	GB Cod East	Bottom Otter Trawl	NEFS 12																		
2761	2011	GB Cod East	Bottom Otter Trawl	NEFS 13	15	46	15	32.61	0.01	0.00	0.30	16	34.78	14307	426603	39449.90	320.00	3460	312.00	333	119.00	128
2762	2011	GB Cod East	Bottom Otter Trawl	NEFS 2	11	42	13	30.95	0.03	0.00	0.58	27	64.29	11176	532425	98429.90	2787.00	15075	288.30	307	100.50	108
2763	2011	GB Cod East	Bottom Otter Trawl	NEFS 3																		
2764	2011	GB Cod East	Bottom Otter Trawl	NEFS 5																		
2765	2011	GB Cod East	Bottom Otter Trawl	NEFS 6																		
2766	2011	GB Cod East	Bottom Otter Trawl	NEFS 7	7	16	6	37.50	0.02	0.00	0.19	4	25.00	3425	93666	27485.10	418.00	1424	111.50	119	51.40	54
2767	2011	GB Cod East	Bottom Otter Trawl	NEFS 8	9	31	17	54.84	0.01	0.00	0.25	15	48.39	12263	475190	162207.80	1517.00	4444	236.00	250	140.80	148
2768	2011	GB Cod East	Bottom Otter Trawl	NEFS 9	19	69	25	36.23	0.01	0.00	0.19	13	18.84	73710	1608135	485945.10	6026.00	19942	470.90	510	184.30	199
2769	2011	GB Cod East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
2770	2011	GB Cod East	Bottom Otter Trawl	Sustainable Harvest Sector 1	20	103	26	25.24	0.01	0.00	0.28	23	22.33	32808	1060962	173010.50	981.00	6016	718.80	766	200.40	212
2771	2011	GB Cod East	Bottom Otter Trawl	Tri-State Sector																		
2772	2011	GB Cod East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
2773	2011	GB Cod East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2774	2011	GB Cod East	Extra Large Mesh Gillnet	NCCS																		
2775	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 10																		
2776	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 11																		
2777	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 12																		
2778	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 13																		
2779	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 2																		
2780	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 3																		
2781	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 5																		
2782	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 6																		
2783	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 7																		
2784	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 8																		
2785	2011	GB Cod East	Extra Large Mesh Gillnet	NEFS 9																		
2786	2011	GB Cod East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2787	2011	GB Cod East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2788	2011	GB Cod East	Extra Large Mesh Gillnet	Tri-State Sector																		
2789	2011	GB Cod East	Haddock Otter Trawl	Fixed Gear Sector																		
2790	2011	GB Cod East	Haddock Otter Trawl	Maine Coast Community Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2791	2011	GB Cod East	Haddock Otter Trawl	NCCS																		
2792	2011	GB Cod East	Haddock Otter Trawl	NEFS 10																		
2793	2011	GB Cod East	Haddock Otter Trawl	NEFS 11																		
2794	2011	GB Cod East	Haddock Otter Trawl	NEFS 12																		
2795	2011	GB Cod East	Haddock Otter Trawl	NEFS 13																		
2796	2011	GB Cod East	Haddock Otter Trawl	NEFS 2	9	11	6	54.55	0.01	0.00	0.23	5	45.45	2152	134202	22834.90	238.00	1399	62.80	69	41.40	45
2797	2011	GB Cod East	Haddock Otter Trawl	NEFS 3																		
2798	2011	GB Cod East	Haddock Otter Trawl	NEFS 5																		
2799	2011	GB Cod East	Haddock Otter Trawl	NEFS 6																		
2800	2011	GB Cod East	Haddock Otter Trawl	NEFS 7																		
2801	2011	GB Cod East	Haddock Otter Trawl	NEFS 8																		
2802	2011	GB Cod East	Haddock Otter Trawl	NEFS 9	7	10	1	10.00	0.02					18573	114230	35959.90	788.00	2503	57.70	60	3.60	4
2803	2011	GB Cod East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2804	2011	GB Cod East	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	86	26	30.23	0.01	0.00	0.44	42	48.84	13272	1460915	271030.60	1975.00	10646	546.70	582	200.70	214
2805	2011	GB Cod East	Haddock Otter Trawl	Tri-State Sector																		
2806	2011	GB Cod East	Handline	Fixed Gear Sector																		
2807	2011	GB Cod East	Handline	Maine Coast Community Sector																		
2808	2011	GB Cod East	Handline	NCCS																		
2809	2011	GB Cod East	Handline	NEFS 10																		
2810	2011	GB Cod East	Handline	NEFS 11																		
2811	2011	GB Cod East	Handline	NEFS 12																		
2812	2011	GB Cod East	Handline	NEFS 13																		
2813	2011	GB Cod East	Handline	NEFS 2																		
2814	2011	GB Cod East	Handline	NEFS 3																		
2815	2011	GB Cod East	Handline	NEFS 5																		
2816	2011	GB Cod East	Handline	NEFS 6																		
2817	2011	GB Cod East	Handline	NEFS 7																		
2818	2011	GB Cod East	Handline	NEFS 8																		
2819	2011	GB Cod East	Handline	NEFS 9																		
2820	2011	GB Cod East	Handline	Port Clyde Community Groundfish Sector																		
2821	2011	GB Cod East	Handline	Sustainable Harvest Sector 1																		
2822	2011	GB Cod East	Handline	Tri-State Sector																		
2823	2011	GB Cod East	Large Mesh Gillnet	Fixed Gear Sector																		
2824	2011	GB Cod East	Large Mesh Gillnet	Maine Coast Community Sector																		
2825	2011	GB Cod East	Large Mesh Gillnet	NCCS																		
2826	2011	GB Cod East	Large Mesh Gillnet	NEFS 10																		
2827	2011	GB Cod East	Large Mesh Gillnet	NEFS 11																		
2828	2011	GB Cod East	Large Mesh Gillnet	NEFS 12																		
2829	2011	GB Cod East	Large Mesh Gillnet	NEFS 13																		
2830	2011	GB Cod East	Large Mesh Gillnet	NEFS 2																		
2831	2011	GB Cod East	Large Mesh Gillnet	NEFS 3																		
2832	2011	GB Cod East	Large Mesh Gillnet	NEFS 5																		
2833	2011	GB Cod East	Large Mesh Gillnet	NEFS 6																		
2834	2011	GB Cod East	Large Mesh Gillnet	NEFS 7																		
2835	2011	GB Cod East	Large Mesh Gillnet	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2836	2011	GB Cod East	Large Mesh Gillnet	NEFS 9																		
2837	2011	GB Cod East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2838	2011	GB Cod East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2839	2011	GB Cod East	Large Mesh Gillnet	Tri-State Sector																		
2840	2011	GB Cod East	Ruhle Trawl	Fixed Gear Sector																		
2841	2011	GB Cod East	Ruhle Trawl	Maine Coast Community Sector																		
2842	2011	GB Cod East	Ruhle Trawl	NCCS																		
2843	2011	GB Cod East	Ruhle Trawl	NEFS 10																		
2844	2011	GB Cod East	Ruhle Trawl	NEFS 11																		
2845	2011	GB Cod East	Ruhle Trawl	NEFS 12																		
2846	2011	GB Cod East	Ruhle Trawl	NEFS 13																		
2847	2011	GB Cod East	Ruhle Trawl	NEFS 2																		
2848	2011	GB Cod East	Ruhle Trawl	NEFS 3																		
2849	2011	GB Cod East	Ruhle Trawl	NEFS 5																		
2850	2011	GB Cod East	Ruhle Trawl	NEFS 6																		
2851	2011	GB Cod East	Ruhle Trawl	NEFS 7																		
2852	2011	GB Cod East	Ruhle Trawl	NEFS 8																		
2853	2011	GB Cod East	Ruhle Trawl	NEFS 9																		
2854	2011	GB Cod East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2855	2011	GB Cod East	Ruhle Trawl	Sustainable Harvest Sector 1	4	5	1	20.00	0.00					149	39337	2996.00	3.00	39	27.10	29	4.50	5
2856	2011	GB Cod East	Ruhle Trawl	Tri-State Sector																		
2857	2011	GB Cod West	Bottom Longline	Fixed Gear Sector	14	216	32	14.81	0.02	0.00	0.34	40	18.52	117200	556322	91572.00	2199.00	13359	81.30	230	11.90	36
2858	2011	GB Cod West	Bottom Longline	Maine Coast Community Sector																		
2859	2011	GB Cod West	Bottom Longline	NCCS																		
2860	2011	GB Cod West	Bottom Longline	NEFS 10																		
2861	2011	GB Cod West	Bottom Longline	NEFS 11																		
2862	2011	GB Cod West	Bottom Longline	NEFS 12																		
2863	2011	GB Cod West	Bottom Longline	NEFS 13																		
2864	2011	GB Cod West	Bottom Longline	NEFS 2																		
2865	2011	GB Cod West	Bottom Longline	NEFS 3																		
2866	2011	GB Cod West	Bottom Longline	NEFS 5																		
2867	2011	GB Cod West	Bottom Longline	NEFS 6																		
2868	2011	GB Cod West	Bottom Longline	NEFS 7																		
2869	2011	GB Cod West	Bottom Longline	NEFS 8																		
2870	2011	GB Cod West	Bottom Longline	NEFS 9																		
2871	2011	GB Cod West	Bottom Longline	Port Clyde Community Groundfish Sector																		
2872	2011	GB Cod West	Bottom Longline	Sustainable Harvest Sector 1																		
2873	2011	GB Cod West	Bottom Longline	Tri-State Sector																		
2874	2011	GB Cod West	Bottom Otter Trawl	Fixed Gear Sector																		
2875	2011	GB Cod West	Bottom Otter Trawl	Maine Coast Community Sector																		
2876	2011	GB Cod West	Bottom Otter Trawl	NCCS																		
2877	2011	GB Cod West	Bottom Otter Trawl	NEFS 10	3	116	33	28.45	0.00	0.00	0.29	32	27.59	157213	549385	137324.80	384.00	1536	63.70	122	18.30	33
2878	2011	GB Cod West	Bottom Otter Trawl	NEFS 11																		
2879	2011	GB Cod West	Bottom Otter Trawl	NEFS 12																		
2880	2011	GB Cod West	Bottom Otter Trawl	NEFS 13	74	468	132	28.21	0.00	0.00	0.20	68	14.53	507930	4845791	1818471.80	2735.00	7288	1207.90	1382	475.80	539

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2881	2011	GB Cod West	Bottom Otter Trawl	NEFS 2	27	286	86	30.07	0.00	0.00	0.23	57	19.93	1002942	4371987	1201922.20	5811.00	21137	1254.70	1378	441.60	484
2882	2011	GB Cod West	Bottom Otter Trawl	NEFS 3																		
2883	2011	GB Cod West	Bottom Otter Trawl	NEFS 5	54	641	211	32.92	0.00	0.00	0.23	144	22.46	146749	6146871	2049029.70	635.00	1905	713.00	1031	256.80	371
2884	2011	GB Cod West	Bottom Otter Trawl	NEFS 6	7	86	27	31.40	0.00	0.00	0.34	33	38.37	566122	2071769	363554.00	860.00	4901	479.00	519	185.30	199
2885	2011	GB Cod West	Bottom Otter Trawl	NEFS 7	25	201	45	22.39	0.00	0.00	0.30	45	22.39	225242	2504154	815397.50	2551.00	7834	656.00	729	254.80	279
2886	2011	GB Cod West	Bottom Otter Trawl	NEFS 8	28	158	36	22.78	0.00	0.00	0.21	20	12.66	415316	2683120	587980.40	2071.00	9451	772.10	823	267.80	286
2887	2011	GB Cod West	Bottom Otter Trawl	NEFS 9	74	559	130	23.26	0.01	0.00	0.17	50	8.94	1590294	9981504	2600934.80	30148.00	115698	2494.00	2684	956.80	1032
2888	2011	GB Cod West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
2889	2011	GB Cod West	Bottom Otter Trawl	Sustainable Harvest Sector 1	57	465	155	33.33	0.01	0.00	0.28	142	30.54	1321393	6781968	1695638.80	11580.00	46316	2320.60	2501	1003.90	1080
2890	2011	GB Cod West	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.08	1	6.67	4419	420738	41397.50	102.00	1037	96.40	104	17.40	19
2891	2011	GB Cod West	Extra Large Mesh Gillnet	Fixed Gear Sector	32	1272	343	26.97	0.00	0.00	0.35	433	34.04	2107	7880582	2045826.40	132.00	508	564.30	1475	150.30	394
2892	2011	GB Cod West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
2893	2011	GB Cod West	Extra Large Mesh Gillnet	NCCS																		
2894	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 10	5	31	12	38.71	0.00	0.00	0.53	21	67.74	22	223214	94210.00	8.00	19	33.60	54	11.20	18
2895	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 11	6	141	23	16.31	0.00	0.00	0.00	0	0.00	0	526309	90002.80	0.00	0	60.00	143	11.10	23
2896	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 12																		
2897	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 13																		
2898	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 2																		
2899	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 3	14	153	28	18.30	0.00	0.00	0.00	0	0.00	22	819712	156861.40	0.00	0	151.90	235	29.80	45
2900	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 5																		
2901	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 6																		
2902	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 7	7	183	48	26.23	0.00	0.00	0.42	76	41.53	695	1050575	319944.00	178.00	584	129.30	217	42.70	67
2903	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 8																		
2904	2011	GB Cod West	Extra Large Mesh Gillnet	NEFS 9																		
2905	2011	GB Cod West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2906	2011	GB Cod West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2907	2011	GB Cod West	Extra Large Mesh Gillnet	Tri-State Sector																		
2908	2011	GB Cod West	Haddock Otter Trawl	Fixed Gear Sector																		
2909	2011	GB Cod West	Haddock Otter Trawl	Maine Coast Community Sector																		
2910	2011	GB Cod West	Haddock Otter Trawl	NCCS																		
2911	2011	GB Cod West	Haddock Otter Trawl	NEFS 10																		
2912	2011	GB Cod West	Haddock Otter Trawl	NEFS 11																		
2913	2011	GB Cod West	Haddock Otter Trawl	NEFS 12																		
2914	2011	GB Cod West	Haddock Otter Trawl	NEFS 13																		
2915	2011	GB Cod West	Haddock Otter Trawl	NEFS 2	7	9	9	100.00	0.00	0.00	0.00	0	0.00	11306	143271	127507.70	382.00	429	62.00	67	58.60	63
2916	2011	GB Cod West	Haddock Otter Trawl	NEFS 3																		
2917	2011	GB Cod West	Haddock Otter Trawl	NEFS 5																		
2918	2011	GB Cod West	Haddock Otter Trawl	NEFS 6																		
2919	2011	GB Cod West	Haddock Otter Trawl	NEFS 7	4	8	4	50.00	0.00	0.00	1.00	8	100.00	7816	50919	8197.40	2.00	12	65.20	70	31.50	34
2920	2011	GB Cod West	Haddock Otter Trawl	NEFS 8																		
2921	2011	GB Cod West	Haddock Otter Trawl	NEFS 9	7	23	7	30.43	0.01	0.00	0.32	8	34.78	41462	252060	61311.20	341.00	1402	115.00	123	43.80	47
2922	2011	GB Cod West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
2923	2011	GB Cod West	Haddock Otter Trawl	Sustainable Harvest Sector 1	22	77	35	45.45	0.00	0.00	0.23	25	32.47	86650	1329587	516389.20	1277.00	3288	384.50	409	253.50	269
2924	2011	GB Cod West	Haddock Otter Trawl	Tri-State Sector																		
2925	2011	GB Cod West	Handline	Fixed Gear Sector	4	99	34	34.34	0.01	0.00	0.42	51	51.52	38651	153649	39350.50	370.00	1445	57.20	117	13.50	38

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2926	2011	GB Cod West	Handline	Maine Coast Community Sector																		
2927	2011	GB Cod West	Handline	NCCS																		
2928	2011	GB Cod West	Handline	NEFS 10																		
2929	2011	GB Cod West	Handline	NEFS 11																		
2930	2011	GB Cod West	Handline	NEFS 12																		
2931	2011	GB Cod West	Handline	NEFS 13																		
2932	2011	GB Cod West	Handline	NEFS 2																		
2933	2011	GB Cod West	Handline	NEFS 3																		
2934	2011	GB Cod West	Handline	NEFS 5																		
2935	2011	GB Cod West	Handline	NEFS 6																		
2936	2011	GB Cod West	Handline	NEFS 7																		
2937	2011	GB Cod West	Handline	NEFS 8																		
2938	2011	GB Cod West	Handline	NEFS 9																		
2939	2011	GB Cod West	Handline	Port Clyde Community Groundfish Sector																		
2940	2011	GB Cod West	Handline	Sustainable Harvest Sector 1																		
2941	2011	GB Cod West	Handline	Tri-State Sector																		
2942	2011	GB Cod West	Large Mesh Gillnet	Fixed Gear Sector	18	690	215	31.16	0.01	0.00	0.13	56	8.12	222245	2044882	542391.10	3739.00	14096	240.70	706	75.10	217
2943	2011	GB Cod West	Large Mesh Gillnet	Maine Coast Community Sector																		
2944	2011	GB Cod West	Large Mesh Gillnet	NCCS																		
2945	2011	GB Cod West	Large Mesh Gillnet	NEFS 10	5	14	3	21.43	0.00	0.00	0.11	1	7.14	6837	86539	37370.50	31.00	72	58.30	63	13.70	15
2946	2011	GB Cod West	Large Mesh Gillnet	NEFS 11																		
2947	2011	GB Cod West	Large Mesh Gillnet	NEFS 12																		
2948	2011	GB Cod West	Large Mesh Gillnet	NEFS 13																		
2949	2011	GB Cod West	Large Mesh Gillnet	NEFS 2																		
2950	2011	GB Cod West	Large Mesh Gillnet	NEFS 3	5	33	10	30.30	0.00	0.00	0.46	17	51.52	825	80059	28036.50	8.00	23	18.60	36	8.20	13
2951	2011	GB Cod West	Large Mesh Gillnet	NEFS 5																		
2952	2011	GB Cod West	Large Mesh Gillnet	NEFS 6																		
2953	2011	GB Cod West	Large Mesh Gillnet	NEFS 7																		
2954	2011	GB Cod West	Large Mesh Gillnet	NEFS 8																		
2955	2011	GB Cod West	Large Mesh Gillnet	NEFS 9																		
2956	2011	GB Cod West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
2957	2011	GB Cod West	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
2958	2011	GB Cod West	Large Mesh Gillnet	Tri-State Sector																		
2959	2011	GB Cod West	Ruhle Trawl	Fixed Gear Sector																		
2960	2011	GB Cod West	Ruhle Trawl	Maine Coast Community Sector																		
2961	2011	GB Cod West	Ruhle Trawl	NCCS																		
2962	2011	GB Cod West	Ruhle Trawl	NEFS 10																		
2963	2011	GB Cod West	Ruhle Trawl	NEFS 11																		
2964	2011	GB Cod West	Ruhle Trawl	NEFS 12																		
2965	2011	GB Cod West	Ruhle Trawl	NEFS 13	14	48	9	18.75	0.00	0.00	0.77	29	60.42	23921	826254	132192.40	3.00	19	261.00	282	63.90	68
2966	2011	GB Cod West	Ruhle Trawl	NEFS 2																		
2967	2011	GB Cod West	Ruhle Trawl	NEFS 3																		
2968	2011	GB Cod West	Ruhle Trawl	NEFS 5	3	4	0	0.00						5246	51034	0.00	0.00		23.30	24	0.00	0
2969	2011	GB Cod West	Ruhle Trawl	NEFS 6																		
2970	2011	GB Cod West	Ruhle Trawl	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
2971	2011	GB Cod West	Ruhle Trawl	NEFS 8																		
2972	2011	GB Cod West	Ruhle Trawl	NEFS 9																		
2973	2011	GB Cod West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
2974	2011	GB Cod West	Ruhle Trawl	Sustainable Harvest Sector 1	3	5	2	40.00	0.00	0.00	0.20	2	40.00	27797	127196	3607.20	8.00	282	28.30	30	10.40	11
2975	2011	GB Cod West	Ruhle Trawl	Tri-State Sector																		
2976	2011	GB Haddock East	Bottom Longline	Fixed Gear Sector	3	31	5	16.13	0.07	0.00	0.42	9	29.03	101045	202322	19785.40	1326.00	13559	65.90	78	11.30	14
2977	2011	GB Haddock East	Bottom Longline	Maine Coast Community Sector																		
2978	2011	GB Haddock East	Bottom Longline	NCCS																		
2979	2011	GB Haddock East	Bottom Longline	NEFS 10																		
2980	2011	GB Haddock East	Bottom Longline	NEFS 11																		
2981	2011	GB Haddock East	Bottom Longline	NEFS 12																		
2982	2011	GB Haddock East	Bottom Longline	NEFS 13																		
2983	2011	GB Haddock East	Bottom Longline	NEFS 2																		
2984	2011	GB Haddock East	Bottom Longline	NEFS 3																		
2985	2011	GB Haddock East	Bottom Longline	NEFS 5																		
2986	2011	GB Haddock East	Bottom Longline	NEFS 6																		
2987	2011	GB Haddock East	Bottom Longline	NEFS 7																		
2988	2011	GB Haddock East	Bottom Longline	NEFS 8																		
2989	2011	GB Haddock East	Bottom Longline	NEFS 9																		
2990	2011	GB Haddock East	Bottom Longline	Port Clyde Community Groundfish Sector																		
2991	2011	GB Haddock East	Bottom Longline	Sustainable Harvest Sector 1																		
2992	2011	GB Haddock East	Bottom Longline	Tri-State Sector																		
2993	2011	GB Haddock East	Bottom Otter Trawl	Fixed Gear Sector																		
2994	2011	GB Haddock East	Bottom Otter Trawl	Maine Coast Community Sector																		
2995	2011	GB Haddock East	Bottom Otter Trawl	NCCS																		
2996	2011	GB Haddock East	Bottom Otter Trawl	NEFS 10																		
2997	2011	GB Haddock East	Bottom Otter Trawl	NEFS 11																		
2998	2011	GB Haddock East	Bottom Otter Trawl	NEFS 12																		
2999	2011	GB Haddock East	Bottom Otter Trawl	NEFS 13	15	46	15	32.61	0.01	0.00	0.48	26	56.52	85231	440865	39449.90	271.00	3029	312.00	333	119.00	128
3000	2011	GB Haddock East	Bottom Otter Trawl	NEFS 2	11	42	13	30.95	0.03	0.00	0.35	16	38.10	150241	532425	98429.90	2697.00	14589	288.30	307	100.50	108
3001	2011	GB Haddock East	Bottom Otter Trawl	NEFS 3																		
3002	2011	GB Haddock East	Bottom Otter Trawl	NEFS 5																		
3003	2011	GB Haddock East	Bottom Otter Trawl	NEFS 6																		
3004	2011	GB Haddock East	Bottom Otter Trawl	NEFS 7	7	16	6	37.50	0.00	0.00	0.14	2	12.50	9423	93666	27485.10	95.00	324	111.50	119	51.40	54
3005	2011	GB Haddock East	Bottom Otter Trawl	NEFS 8	9	31	17	54.84	0.01	0.00	0.22	13	41.94	86116	475190	162207.80	949.00	2780	236.00	250	140.80	148
3006	2011	GB Haddock East	Bottom Otter Trawl	NEFS 9	19	69	25	36.23	0.00	0.00	0.21	15	21.74	311456	1608135	485945.10	2253.00	7456	470.90	510	184.30	199
3007	2011	GB Haddock East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
3008	2011	GB Haddock East	Bottom Otter Trawl	Sustainable Harvest Sector 1	20	103	26	25.24	0.02	0.00	0.44	44	42.72	459381	1099280	173010.50	3538.00	22480	718.80	766	200.40	212
3009	2011	GB Haddock East	Bottom Otter Trawl	Tri-State Sector																		
3010	2011	GB Haddock East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3011	2011	GB Haddock East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3012	2011	GB Haddock East	Extra Large Mesh Gillnet	NCCS																		
3013	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 10																		
3014	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 11																		
3015	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3016	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 13																		
3017	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 2																		
3018	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 3																		
3019	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 5																		
3020	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 6																		
3021	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 7																		
3022	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 8																		
3023	2011	GB Haddock East	Extra Large Mesh Gillnet	NEFS 9																		
3024	2011	GB Haddock East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3025	2011	GB Haddock East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3026	2011	GB Haddock East	Extra Large Mesh Gillnet	Tri-State Sector																		
3027	2011	GB Haddock East	Haddock Otter Trawl	Fixed Gear Sector																		
3028	2011	GB Haddock East	Haddock Otter Trawl	Maine Coast Community Sector																		
3029	2011	GB Haddock East	Haddock Otter Trawl	NCCS																		
3030	2011	GB Haddock East	Haddock Otter Trawl	NEFS 10																		
3031	2011	GB Haddock East	Haddock Otter Trawl	NEFS 11																		
3032	2011	GB Haddock East	Haddock Otter Trawl	NEFS 12																		
3033	2011	GB Haddock East	Haddock Otter Trawl	NEFS 13																		
3034	2011	GB Haddock East	Haddock Otter Trawl	NEFS 2	9	11	6	54.55	0.01	0.00	0.26	6	54.55	79537	134202	22834.90	132.00	776	62.80	69	41.40	45
3035	2011	GB Haddock East	Haddock Otter Trawl	NEFS 3																		
3036	2011	GB Haddock East	Haddock Otter Trawl	NEFS 5																		
3037	2011	GB Haddock East	Haddock Otter Trawl	NEFS 6																		
3038	2011	GB Haddock East	Haddock Otter Trawl	NEFS 7																		
3039	2011	GB Haddock East	Haddock Otter Trawl	NEFS 8																		
3040	2011	GB Haddock East	Haddock Otter Trawl	NEFS 9	7	10	1	10.00	0.01					49618	114230	35959.90	326.00	1036	57.70	60	3.60	4
3041	2011	GB Haddock East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3042	2011	GB Haddock East	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	86	26	30.23	0.02	0.00	0.36	33	38.37	910853	1461221	271030.60	5594.00	30159	546.70	582	200.70	214
3043	2011	GB Haddock East	Haddock Otter Trawl	Tri-State Sector																		
3044	2011	GB Haddock East	Handline	Fixed Gear Sector																		
3045	2011	GB Haddock East	Handline	Maine Coast Community Sector																		
3046	2011	GB Haddock East	Handline	NCCS																		
3047	2011	GB Haddock East	Handline	NEFS 10																		
3048	2011	GB Haddock East	Handline	NEFS 11																		
3049	2011	GB Haddock East	Handline	NEFS 12																		
3050	2011	GB Haddock East	Handline	NEFS 13																		
3051	2011	GB Haddock East	Handline	NEFS 2																		
3052	2011	GB Haddock East	Handline	NEFS 3																		
3053	2011	GB Haddock East	Handline	NEFS 5																		
3054	2011	GB Haddock East	Handline	NEFS 6																		
3055	2011	GB Haddock East	Handline	NEFS 7																		
3056	2011	GB Haddock East	Handline	NEFS 8																		
3057	2011	GB Haddock East	Handline	NEFS 9																		
3058	2011	GB Haddock East	Handline	Port Clyde Community Groundfish Sector																		
3059	2011	GB Haddock East	Handline	Sustainable Harvest Sector 1																		
3060	2011	GB Haddock East	Handline	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3061	2011	GB Haddock East	Large Mesh Gillnet	Fixed Gear Sector																		
3062	2011	GB Haddock East	Large Mesh Gillnet	Maine Coast Community Sector																		
3063	2011	GB Haddock East	Large Mesh Gillnet	NCCS																		
3064	2011	GB Haddock East	Large Mesh Gillnet	NEFS 10																		
3065	2011	GB Haddock East	Large Mesh Gillnet	NEFS 11																		
3066	2011	GB Haddock East	Large Mesh Gillnet	NEFS 12																		
3067	2011	GB Haddock East	Large Mesh Gillnet	NEFS 13																		
3068	2011	GB Haddock East	Large Mesh Gillnet	NEFS 2																		
3069	2011	GB Haddock East	Large Mesh Gillnet	NEFS 3																		
3070	2011	GB Haddock East	Large Mesh Gillnet	NEFS 5																		
3071	2011	GB Haddock East	Large Mesh Gillnet	NEFS 6																		
3072	2011	GB Haddock East	Large Mesh Gillnet	NEFS 7																		
3073	2011	GB Haddock East	Large Mesh Gillnet	NEFS 8																		
3074	2011	GB Haddock East	Large Mesh Gillnet	NEFS 9																		
3075	2011	GB Haddock East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3076	2011	GB Haddock East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3077	2011	GB Haddock East	Large Mesh Gillnet	Tri-State Sector																		
3078	2011	GB Haddock East	Ruhle Trawl	Fixed Gear Sector																		
3079	2011	GB Haddock East	Ruhle Trawl	Maine Coast Community Sector																		
3080	2011	GB Haddock East	Ruhle Trawl	NCCS																		
3081	2011	GB Haddock East	Ruhle Trawl	NEFS 10																		
3082	2011	GB Haddock East	Ruhle Trawl	NEFS 11																		
3083	2011	GB Haddock East	Ruhle Trawl	NEFS 12																		
3084	2011	GB Haddock East	Ruhle Trawl	NEFS 13																		
3085	2011	GB Haddock East	Ruhle Trawl	NEFS 2																		
3086	2011	GB Haddock East	Ruhle Trawl	NEFS 3																		
3087	2011	GB Haddock East	Ruhle Trawl	NEFS 5																		
3088	2011	GB Haddock East	Ruhle Trawl	NEFS 6																		
3089	2011	GB Haddock East	Ruhle Trawl	NEFS 7																		
3090	2011	GB Haddock East	Ruhle Trawl	NEFS 8																		
3091	2011	GB Haddock East	Ruhle Trawl	NEFS 9																		
3092	2011	GB Haddock East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3093	2011	GB Haddock East	Ruhle Trawl	Sustainable Harvest Sector 1	4	5	1	20.00	0.00					60949	41879	2996.00	0.00	0	27.10	29	4.50	5
3094	2011	GB Haddock East	Ruhle Trawl	Tri-State Sector																		
3095	2011	GB Haddock West	Bottom Longline	Fixed Gear Sector	14	216	32	14.81	0.00	0.00	0.49	68	31.48	76893	556322	91572.00	256.00	1555	81.30	230	11.90	36
3096	2011	GB Haddock West	Bottom Longline	Maine Coast Community Sector																		
3097	2011	GB Haddock West	Bottom Longline	NCCS																		
3098	2011	GB Haddock West	Bottom Longline	NEFS 10																		
3099	2011	GB Haddock West	Bottom Longline	NEFS 11																		
3100	2011	GB Haddock West	Bottom Longline	NEFS 12																		
3101	2011	GB Haddock West	Bottom Longline	NEFS 13																		
3102	2011	GB Haddock West	Bottom Longline	NEFS 2																		
3103	2011	GB Haddock West	Bottom Longline	NEFS 3																		
3104	2011	GB Haddock West	Bottom Longline	NEFS 5																		
3105	2011	GB Haddock West	Bottom Longline	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3106	2011	GB Haddock West	Bottom Longline	NEFS 7																		
3107	2011	GB Haddock West	Bottom Longline	NEFS 8																		
3108	2011	GB Haddock West	Bottom Longline	NEFS 9																		
3109	2011	GB Haddock West	Bottom Longline	Port Clyde Community Groundfish Sector																		
3110	2011	GB Haddock West	Bottom Longline	Sustainable Harvest Sector 1																		
3111	2011	GB Haddock West	Bottom Longline	Tri-State Sector																		
3112	2011	GB Haddock West	Bottom Otter Trawl	Fixed Gear Sector																		
3113	2011	GB Haddock West	Bottom Otter Trawl	Maine Coast Community Sector																		
3114	2011	GB Haddock West	Bottom Otter Trawl	NCCS																		
3115	2011	GB Haddock West	Bottom Otter Trawl	NEFS 10	3	116	33	28.45	0.00	0.00	0.47	58	50.00	28701	549385	137324.80	47.00	188	63.70	122	18.30	33
3116	2011	GB Haddock West	Bottom Otter Trawl	NEFS 11																		
3117	2011	GB Haddock West	Bottom Otter Trawl	NEFS 12																		
3118	2011	GB Haddock West	Bottom Otter Trawl	NEFS 13	74	468	132	28.21	0.00	0.00	0.24	96	20.51	479865	4889345	1818471.80	2158.00	5802	1207.90	1382	475.80	539
3119	2011	GB Haddock West	Bottom Otter Trawl	NEFS 2	27	286	86	30.07	0.00	0.00	0.35	106	37.06	577343	4371987	1201922.20	2900.00	10549	1254.70	1378	441.60	484
3120	2011	GB Haddock West	Bottom Otter Trawl	NEFS 3																		
3121	2011	GB Haddock West	Bottom Otter Trawl	NEFS 5	54	641	211	32.92	0.00	0.00	0.54	392	61.15	96286	6146871	2049029.70	270.00	810	713.00	1031	256.80	371
3122	2011	GB Haddock West	Bottom Otter Trawl	NEFS 6	7	86	27	31.40	0.00	0.00	0.40	39	45.35	70858	2071769	363554.00	378.00	2154	479.00	519	185.30	199
3123	2011	GB Haddock West	Bottom Otter Trawl	NEFS 7	25	201	45	22.39	0.00	0.00	0.60	108	53.73	178981	2504154	815397.50	1753.00	5384	656.00	729	254.80	279
3124	2011	GB Haddock West	Bottom Otter Trawl	NEFS 8	28	158	36	22.78	0.00	0.00	0.23	24	15.19	464120	2683120	587980.40	950.00	4335	772.10	823	267.80	286
3125	2011	GB Haddock West	Bottom Otter Trawl	NEFS 9	74	559	130	23.26	0.00	0.00	0.20	70	12.52	931524	9981504	2600934.80	7632.00	29289	2494.00	2684	956.80	1032
3126	2011	GB Haddock West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
3127	2011	GB Haddock West	Bottom Otter Trawl	Sustainable Harvest Sector 1	57	465	155	33.33	0.00	0.00	0.22	96	20.65	1158065	6721679	1695638.80	4349.00	17240	2320.60	2501	1003.90	1080
3128	2011	GB Haddock West	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.37	6	40.00	288183	420738	41397.50	153.00	1555	96.40	104	17.40	19
3129	2011	GB Haddock West	Extra Large Mesh Gillnet	Fixed Gear Sector	32	1272	343	26.97	0.00	0.00	0.00	0	0.00	51	7880582	2045826.40	0.00	0	564.30	1475	150.30	394
3130	2011	GB Haddock West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3131	2011	GB Haddock West	Extra Large Mesh Gillnet	NCCS																		
3132	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 10	5	31	12	38.71	0.00	0.00	0.00	0	0.00	0	223214	94210.00	0.00	0	33.60	54	11.20	18
3133	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 11	6	141	23	16.31	0.00	0.00	0.00	0	0.00	0	526309	90002.80	0.00	0	60.00	143	11.10	23
3134	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 12																		
3135	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 13																		
3136	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 2																		
3137	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 3	14	153	28	18.30	0.00	0.00	0.00	0	0.00	0	819712	156861.40	0.00	0	151.90	235	29.80	45
3138	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 5																		
3139	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 6																		
3140	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 7	7	183	48	26.23	0.00	0.00	0.00	0	0.00	0	1050575	319944.00	0.00	0	129.30	217	42.70	67
3141	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 8																		
3142	2011	GB Haddock West	Extra Large Mesh Gillnet	NEFS 9																		
3143	2011	GB Haddock West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3144	2011	GB Haddock West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3145	2011	GB Haddock West	Extra Large Mesh Gillnet	Tri-State Sector																		
3146	2011	GB Haddock West	Haddock Otter Trawl	Fixed Gear Sector																		
3147	2011	GB Haddock West	Haddock Otter Trawl	Maine Coast Community Sector																		
3148	2011	GB Haddock West	Haddock Otter Trawl	NCCS																		
3149	2011	GB Haddock West	Haddock Otter Trawl	NEFS 10																		
3150	2011	GB Haddock West	Haddock Otter Trawl	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3151	2011	GB Haddock West	Haddock Otter Trawl	NEFS 12																		
3152	2011	GB Haddock West	Haddock Otter Trawl	NEFS 13																		
3153	2011	GB Haddock West	Haddock Otter Trawl	NEFS 2	7	9	9	100.00	0.01	0.00	0.00	0	0.00	48025	143271	127507.70	724.00	814	62.00	67	58.60	63
3154	2011	GB Haddock West	Haddock Otter Trawl	NEFS 3																		
3155	2011	GB Haddock West	Haddock Otter Trawl	NEFS 5																		
3156	2011	GB Haddock West	Haddock Otter Trawl	NEFS 6																		
3157	2011	GB Haddock West	Haddock Otter Trawl	NEFS 7	4	8	4	50.00	0.00	0.00	0.75	7	87.50	40460	50919	8197.40	32.00	199	65.20	70	31.50	34
3158	2011	GB Haddock West	Haddock Otter Trawl	NEFS 8																		
3159	2011	GB Haddock West	Haddock Otter Trawl	NEFS 9	7	23	7	30.43	0.00	0.00	0.37	10	43.48	55603	252060	61311.20	233.00	958	115.00	123	43.80	47
3160	2011	GB Haddock West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3161	2011	GB Haddock West	Haddock Otter Trawl	Sustainable Harvest Sector 1	22	77	35	45.45	0.00	0.00	0.20	21	27.27	858837	1298364	516389.20	2324.00	5843	384.50	409	253.50	269
3162	2011	GB Haddock West	Haddock Otter Trawl	Tri-State Sector																		
3163	2011	GB Haddock West	Handline	Fixed Gear Sector	4	99	34	34.34	0.00	0.00	0.00	0	0.00	655	153649	39350.50	0.00	0	57.20	117	13.50	38
3164	2011	GB Haddock West	Handline	Maine Coast Community Sector																		
3165	2011	GB Haddock West	Handline	NCCS																		
3166	2011	GB Haddock West	Handline	NEFS 10																		
3167	2011	GB Haddock West	Handline	NEFS 11																		
3168	2011	GB Haddock West	Handline	NEFS 12																		
3169	2011	GB Haddock West	Handline	NEFS 13																		
3170	2011	GB Haddock West	Handline	NEFS 2																		
3171	2011	GB Haddock West	Handline	NEFS 3																		
3172	2011	GB Haddock West	Handline	NEFS 5																		
3173	2011	GB Haddock West	Handline	NEFS 6																		
3174	2011	GB Haddock West	Handline	NEFS 7																		
3175	2011	GB Haddock West	Handline	NEFS 8																		
3176	2011	GB Haddock West	Handline	NEFS 9																		
3177	2011	GB Haddock West	Handline	Port Clyde Community Groundfish Sector																		
3178	2011	GB Haddock West	Handline	Sustainable Harvest Sector 1																		
3179	2011	GB Haddock West	Handline	Tri-State Sector																		
3180	2011	GB Haddock West	Large Mesh Gillnet	Fixed Gear Sector	18	690	215	31.16	0.00	0.00	0.28	197	28.55	9868	2044882	542391.10	191.00	720	240.70	706	75.10	217
3181	2011	GB Haddock West	Large Mesh Gillnet	Maine Coast Community Sector																		
3182	2011	GB Haddock West	Large Mesh Gillnet	NCCS																		
3183	2011	GB Haddock West	Large Mesh Gillnet	NEFS 10	5	14	3	21.43	0.00	0.00	0.00	0	0.00	553	86539	37370.50	0.00	0	58.30	63	13.70	15
3184	2011	GB Haddock West	Large Mesh Gillnet	NEFS 11																		
3185	2011	GB Haddock West	Large Mesh Gillnet	NEFS 12																		
3186	2011	GB Haddock West	Large Mesh Gillnet	NEFS 13																		
3187	2011	GB Haddock West	Large Mesh Gillnet	NEFS 2																		
3188	2011	GB Haddock West	Large Mesh Gillnet	NEFS 3	5	33	10	30.30	0.00	0.00	0.82	26	78.79	47	80059	28036.50	1.00	3	18.60	36	8.20	13
3189	2011	GB Haddock West	Large Mesh Gillnet	NEFS 5																		
3190	2011	GB Haddock West	Large Mesh Gillnet	NEFS 6																		
3191	2011	GB Haddock West	Large Mesh Gillnet	NEFS 7																		
3192	2011	GB Haddock West	Large Mesh Gillnet	NEFS 8																		
3193	2011	GB Haddock West	Large Mesh Gillnet	NEFS 9																		
3194	2011	GB Haddock West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3195	2011	GB Haddock West	Large Mesh Gillnet	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3196	2011	GB Haddock West	Large Mesh Gillnet	Tri-State Sector																		
3197	2011	GB Haddock West	Ruhle Trawl	Fixed Gear Sector																		
3198	2011	GB Haddock West	Ruhle Trawl	Maine Coast Community Sector																		
3199	2011	GB Haddock West	Ruhle Trawl	NCCS																		
3200	2011	GB Haddock West	Ruhle Trawl	NEFS 10																		
3201	2011	GB Haddock West	Ruhle Trawl	NEFS 11																		
3202	2011	GB Haddock West	Ruhle Trawl	NEFS 12																		
3203	2011	GB Haddock West	Ruhle Trawl	NEFS 13	14	48	9	18.75	0.00	0.00	0.29	9	18.75	711762	852589	132192.40	327.00	2109	261.00	282	63.90	68
3204	2011	GB Haddock West	Ruhle Trawl	NEFS 2																		
3205	2011	GB Haddock West	Ruhle Trawl	NEFS 3																		
3206	2011	GB Haddock West	Ruhle Trawl	NEFS 5	3	4	0	0.00						40786	51034	0.00	0.00		23.30	24	0.00	0
3207	2011	GB Haddock West	Ruhle Trawl	NEFS 6																		
3208	2011	GB Haddock West	Ruhle Trawl	NEFS 7																		
3209	2011	GB Haddock West	Ruhle Trawl	NEFS 8																		
3210	2011	GB Haddock West	Ruhle Trawl	NEFS 9																		
3211	2011	GB Haddock West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3212	2011	GB Haddock West	Ruhle Trawl	Sustainable Harvest Sector 1	3	5	2	40.00	0.00	0.00	0.20	2	40.00	80372	120760	3607.20	9.00	301	28.30	30	10.40	11
3213	2011	GB Haddock West	Ruhle Trawl	Tri-State Sector																		
3214	2011	GB Winter Flounder	Bottom Longline	Fixed Gear Sector	8	41	8	19.51	0.00	0.00	0.69	24	58.54	528	222753	25433.40	5.00	44	75.80	93	15.40	20
3215	2011	GB Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
3216	2011	GB Winter Flounder	Bottom Longline	NCCS																		
3217	2011	GB Winter Flounder	Bottom Longline	NEFS 10																		
3218	2011	GB Winter Flounder	Bottom Longline	NEFS 11																		
3219	2011	GB Winter Flounder	Bottom Longline	NEFS 12																		
3220	2011	GB Winter Flounder	Bottom Longline	NEFS 13																		
3221	2011	GB Winter Flounder	Bottom Longline	NEFS 2																		
3222	2011	GB Winter Flounder	Bottom Longline	NEFS 3																		
3223	2011	GB Winter Flounder	Bottom Longline	NEFS 5																		
3224	2011	GB Winter Flounder	Bottom Longline	NEFS 6																		
3225	2011	GB Winter Flounder	Bottom Longline	NEFS 7																		
3226	2011	GB Winter Flounder	Bottom Longline	NEFS 8																		
3227	2011	GB Winter Flounder	Bottom Longline	NEFS 9																		
3228	2011	GB Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
3229	2011	GB Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
3230	2011	GB Winter Flounder	Bottom Longline	Tri-State Sector																		
3231	2011	GB Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
3232	2011	GB Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
3233	2011	GB Winter Flounder	Bottom Otter Trawl	NCCS																		
3234	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 10																		
3235	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 11																		
3236	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 12																		
3237	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 13	42	193	45	23.32	0.00	0.00	0.37	61	31.61	432943	2640431	867718.80	121.00	368	817.60	873	324.00	346
3238	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 2	25	115	30	26.09	0.00	0.00	0.53	61	53.04	49813	1474338	308956.60	299.00	1427	513.20	549	216.60	231
3239	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 3																		
3240	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 5	12	19	3	15.79	0.00	0.00	0.00	0	0.00	22023	345177	76717.00	0.00	0	88.00	90	21.80	23

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3241	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 6	3	17	3	17.65	0.00	0.00	0.00	0	0.00	21825	366635	69855.00	0.00	0	103.50	109	22.10	23
3242	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 7	18	131	28	21.37	0.00	0.00	0.31	30	22.90	379344	2116625	718230.40	156.00	460	553.50	602	209.90	225
3243	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 8	22	134	31	23.13	0.00	0.00	0.41	49	36.57	623600	2537600	544040.50	292.00	1362	706.40	749	236.90	252
3244	2011	GB Winter Flounder	Bottom Otter Trawl	NEFS 9	52	383	102	26.63	0.00	0.00	0.34	123	32.11	2168409	7842557	2166343.00	6544.00	23690	2045.70	2192	813.30	873
3245	2011	GB Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
3246	2011	GB Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	49	299	67	22.41	0.00	0.00	0.28	60	20.07	350828	4211748	787131.00	163.00	872	1433.40	1526	498.50	530
3247	2011	GB Winter Flounder	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.00	0	0.00	17360	420738	41397.50	0.00	0	96.40	104	17.40	19
3248	2011	GB Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3249	2011	GB Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3250	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
3251	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
3252	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
3253	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
3254	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
3255	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
3256	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 3																		
3257	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
3258	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
3259	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
3260	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
3261	2011	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
3262	2011	GB Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3263	2011	GB Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3264	2011	GB Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
3265	2011	GB Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
3266	2011	GB Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
3267	2011	GB Winter Flounder	Haddock Otter Trawl	NCCS																		
3268	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 10																		
3269	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 11																		
3270	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 12																		
3271	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 13																		
3272	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 2	15	19	9	47.37	0.00	0.00	0.38	12	63.16	2720	240035	96025.90	211.00	527	118.30	129	61.20	66
3273	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 3																		
3274	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 5																		
3275	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 6																		
3276	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	8684	57395	9349.60	0.00	0	73.30	79	31.50	34
3277	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 8																		
3278	2011	GB Winter Flounder	Haddock Otter Trawl	NEFS 9	13	24	8	33.33	0.00	0.00	0.58	16	66.67	38502	271255	97265.00	44.00	123	143.10	152	47.40	51
3279	2011	GB Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3280	2011	GB Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	29	144	36	25.00	0.00	0.00	0.39	53	36.81	138216	2536610	713189.20	148.00	526	674.30	718	263.90	281
3281	2011	GB Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
3282	2011	GB Winter Flounder	Handline	Fixed Gear Sector																		
3283	2011	GB Winter Flounder	Handline	Maine Coast Community Sector																		
3284	2011	GB Winter Flounder	Handline	NCCS																		
3285	2011	GB Winter Flounder	Handline	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3286	2011	GB Winter Flounder	Handline	NEFS 11																		
3287	2011	GB Winter Flounder	Handline	NEFS 12																		
3288	2011	GB Winter Flounder	Handline	NEFS 13																		
3289	2011	GB Winter Flounder	Handline	NEFS 2																		
3290	2011	GB Winter Flounder	Handline	NEFS 3																		
3291	2011	GB Winter Flounder	Handline	NEFS 5																		
3292	2011	GB Winter Flounder	Handline	NEFS 6																		
3293	2011	GB Winter Flounder	Handline	NEFS 7																		
3294	2011	GB Winter Flounder	Handline	NEFS 8																		
3295	2011	GB Winter Flounder	Handline	NEFS 9																		
3296	2011	GB Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
3297	2011	GB Winter Flounder	Handline	Sustainable Harvest Sector 1																		
3298	2011	GB Winter Flounder	Handline	Tri-State Sector																		
3299	2011	GB Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
3300	2011	GB Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
3301	2011	GB Winter Flounder	Large Mesh Gillnet	NCCS																		
3302	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 10																		
3303	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 11																		
3304	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 12																		
3305	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 13																		
3306	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 2																		
3307	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 3																		
3308	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 5																		
3309	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 6																		
3310	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 7																		
3311	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 8																		
3312	2011	GB Winter Flounder	Large Mesh Gillnet	NEFS 9																		
3313	2011	GB Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3314	2011	GB Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3315	2011	GB Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
3316	2011	GB Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
3317	2011	GB Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
3318	2011	GB Winter Flounder	Ruhle Trawl	NCCS																		
3319	2011	GB Winter Flounder	Ruhle Trawl	NEFS 10																		
3320	2011	GB Winter Flounder	Ruhle Trawl	NEFS 11																		
3321	2011	GB Winter Flounder	Ruhle Trawl	NEFS 12																		
3322	2011	GB Winter Flounder	Ruhle Trawl	NEFS 13	14	54	9	16.67	0.00	0.00	0.00	0	0.00	33863	851035	142571.70	0.00	0	285.30	308	63.90	68
3323	2011	GB Winter Flounder	Ruhle Trawl	NEFS 2																		
3324	2011	GB Winter Flounder	Ruhle Trawl	NEFS 3																		
3325	2011	GB Winter Flounder	Ruhle Trawl	NEFS 5	4	5	0	0.00						247	52344	0.00	0.00		23.30	24	0.00	0
3326	2011	GB Winter Flounder	Ruhle Trawl	NEFS 6																		
3327	2011	GB Winter Flounder	Ruhle Trawl	NEFS 7																		
3328	2011	GB Winter Flounder	Ruhle Trawl	NEFS 8																		
3329	2011	GB Winter Flounder	Ruhle Trawl	NEFS 9																		
3330	2011	GB Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3331	2011	GB Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	6	9	2	22.22	0.00	0.00	0.00	0	0.00	14915	109860	6603.20	0.00	0	40.30	43	10.40	11
3332	2011	GB Winter Flounder	Ruhle Trawl	Tri-State Sector																		
3333	2011	GB Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	8	41	8	19.51	0.00	0.00	0.53	18	43.90	19	222753	25433.40	4.00	35	75.80	93	15.40	20
3334	2011	GB Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
3335	2011	GB Yellowtail Flounder	Bottom Longline	NCCS																		
3336	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 10																		
3337	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 11																		
3338	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 12																		
3339	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 13																		
3340	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 2																		
3341	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 3																		
3342	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 5																		
3343	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 6																		
3344	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 7																		
3345	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 8																		
3346	2011	GB Yellowtail Flounder	Bottom Longline	NEFS 9																		
3347	2011	GB Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
3348	2011	GB Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
3349	2011	GB Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
3350	2011	GB Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
3351	2011	GB Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
3352	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
3353	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
3354	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
3355	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
3356	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	42	193	45	23.32	0.00	0.00	0.26	37	19.17	352011	2691876	867718.80	3805.00	11804	817.60	873	324.00	346
3357	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	25	115	30	26.09	0.00	0.00	0.52	60	52.17	12963	1474338	308956.60	831.00	3966	513.20	549	216.60	231
3358	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
3359	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	12	19	3	15.79	0.01	0.00	0.40	5	26.32	66432	352906	76717.00	392.00	1803	88.00	90	21.80	23
3360	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	3	17	3	17.65	0.00	0.00	0.84	11	64.71	6749	366635	69855.00	48.00	252	103.50	109	22.10	23
3361	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	18	131	28	21.37	0.00	0.00	0.22	18	13.74	183199	2116625	718230.40	2157.00	6357	553.50	602	209.90	225
3362	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	22	134	31	23.13	0.01	0.00	0.25	23	17.16	247602	2537600	544040.50	3982.00	18573	706.40	749	236.90	252
3363	2011	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	52	383	102	26.63	0.01	0.00	0.18	43	11.23	916014	7850951	2166343.00	13913.00	50422	2045.70	2192	813.30	873
3364	2011	GB Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
3365	2011	GB Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	49	299	67	22.41	0.00	0.00	0.29	65	21.74	116860	4157830	787131.00	695.00	3671	1433.40	1526	498.50	530
3366	2011	GB Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.31	5	33.33	85805	420738	41397.50	104.00	1057	96.40	104	17.40	19
3367	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3368	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3369	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
3370	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
3371	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
3372	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
3373	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
3374	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
3375	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3376	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
3377	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
3378	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
3379	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
3380	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
3381	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3382	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3383	2011	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
3384	2011	GB Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
3385	2011	GB Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
3386	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
3387	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
3388	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
3389	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
3390	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
3391	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	15	19	9	47.37	0.00	0.00	0.13	3	15.79	3983	240035	96025.90	147.00	367	118.30	129	61.20	66
3392	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
3393	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
3394	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
3395	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.58	8	72.73	21698	57395	9349.60	32.00	196	73.30	79	31.50	34
3396	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
3397	2011	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 9	13	24	8	33.33	0.00	0.00	0.42	12	50.00	13277	284893	97265.00	251.00	735	143.10	152	47.40	51
3398	2011	GB Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3399	2011	GB Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	29	144	36	25.00	0.00	0.00	0.27	32	22.22	48806	2448752	713189.20	1815.00	6232	674.30	718	263.90	281
3400	2011	GB Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
3401	2011	GB Yellowtail Flounder	Handline	Fixed Gear Sector																		
3402	2011	GB Yellowtail Flounder	Handline	Maine Coast Community Sector																		
3403	2011	GB Yellowtail Flounder	Handline	NCCS																		
3404	2011	GB Yellowtail Flounder	Handline	NEFS 10																		
3405	2011	GB Yellowtail Flounder	Handline	NEFS 11																		
3406	2011	GB Yellowtail Flounder	Handline	NEFS 12																		
3407	2011	GB Yellowtail Flounder	Handline	NEFS 13																		
3408	2011	GB Yellowtail Flounder	Handline	NEFS 2																		
3409	2011	GB Yellowtail Flounder	Handline	NEFS 3																		
3410	2011	GB Yellowtail Flounder	Handline	NEFS 5																		
3411	2011	GB Yellowtail Flounder	Handline	NEFS 6																		
3412	2011	GB Yellowtail Flounder	Handline	NEFS 7																		
3413	2011	GB Yellowtail Flounder	Handline	NEFS 8																		
3414	2011	GB Yellowtail Flounder	Handline	NEFS 9																		
3415	2011	GB Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
3416	2011	GB Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
3417	2011	GB Yellowtail Flounder	Handline	Tri-State Sector																		
3418	2011	GB Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
3419	2011	GB Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
3420	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3421	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
3422	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
3423	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
3424	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
3425	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
3426	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
3427	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
3428	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
3429	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
3430	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
3431	2011	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
3432	2011	GB Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3433	2011	GB Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3434	2011	GB Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
3435	2011	GB Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
3436	2011	GB Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
3437	2011	GB Yellowtail Flounder	Ruhle Trawl	NCCS																		
3438	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
3439	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
3440	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
3441	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 13	14	54	9	16.67	0.00	0.00	0.60	25	46.30	60959	882233	142571.70	57.00	353	285.30	308	63.90	68
3442	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
3443	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
3444	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 5	4	5	0	0.00						5776	55855	0.00	0.00		23.30	24	0.00	0
3445	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
3446	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
3447	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
3448	2011	GB Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
3449	2011	GB Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3450	2011	GB Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	6	9	2	22.22	0.00	0.00	0.00	0	0.00	479	109860	6603.20	0.00	0	40.30	43	10.40	11
3451	2011	GB Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
3452	2011	GOM Cod	Bottom Longline	Fixed Gear Sector	7	122	10	8.20	0.05	0.00	0.36	15	12.30	336598	510854	41162.30	1853.00	22997	96.90	144	5.40	12
3453	2011	GOM Cod	Bottom Longline	Maine Coast Community Sector																		
3454	2011	GOM Cod	Bottom Longline	NCCS																		
3455	2011	GOM Cod	Bottom Longline	NEFS 10	3	34	10	29.41	0.04	0.00	0.34	12	35.29	25450	49858	17254.90	736.00	2127	14.70	34	4.40	10
3456	2011	GOM Cod	Bottom Longline	NEFS 11																		
3457	2011	GOM Cod	Bottom Longline	NEFS 12																		
3458	2011	GOM Cod	Bottom Longline	NEFS 13																		
3459	2011	GOM Cod	Bottom Longline	NEFS 2																		
3460	2011	GOM Cod	Bottom Longline	NEFS 3	12	293	77	26.28	0.07	0.00	0.08	8	2.73	149320	298479	79608.30	5307.00	19898	140.80	308	38.80	81
3461	2011	GOM Cod	Bottom Longline	NEFS 5																		
3462	2011	GOM Cod	Bottom Longline	NEFS 6																		
3463	2011	GOM Cod	Bottom Longline	NEFS 7																		
3464	2011	GOM Cod	Bottom Longline	NEFS 8																		
3465	2011	GOM Cod	Bottom Longline	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3466	2011	GOM Cod	Bottom Longline	Port Clyde Community Groundfish Sector																		
3467	2011	GOM Cod	Bottom Longline	Sustainable Harvest Sector 1																		
3468	2011	GOM Cod	Bottom Longline	Tri-State Sector																		
3469	2011	GOM Cod	Bottom Otter Trawl	Fixed Gear Sector																		
3470	2011	GOM Cod	Bottom Otter Trawl	Maine Coast Community Sector																		
3471	2011	GOM Cod	Bottom Otter Trawl	NCCS																		
3472	2011	GOM Cod	Bottom Otter Trawl	NEFS 10	14	422	132	31.28	0.03	0.00	0.11	26	6.16	509477	1141124	303044.60	7880.00	29672	229.10	465	61.30	137
3473	2011	GOM Cod	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.01	0.00	0.28	39	26.71	162677	311558	74652.00	427.00	1782	72.90	157	21.90	47
3474	2011	GOM Cod	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.02	0.00	0.33	46	32.86	124899	177907	54104.20	1267.00	4166	61.20	143	20.40	42
3475	2011	GOM Cod	Bottom Otter Trawl	NEFS 13	7	29	4	13.79	0.00	0.00	0.57	11	37.93	21248	450143	93292.00	62.00	299	98.10	111	21.10	23
3476	2011	GOM Cod	Bottom Otter Trawl	NEFS 2	64	2139	539	25.20	0.01	0.00	0.09	66	3.09	2840284	7406443	1954000.80	26072.00	98823	2104.40	3215	648.50	937
3477	2011	GOM Cod	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	32758	53664	4363.00	0.00	0	15.90	28	1.40	2
3478	2011	GOM Cod	Bottom Otter Trawl	NEFS 5																		
3479	2011	GOM Cod	Bottom Otter Trawl	NEFS 6	9	126	41	32.54	0.00	0.00	0.30	42	33.33	416802	1850501	698355.10	2145.00	5684	498.60	550	220.60	241
3480	2011	GOM Cod	Bottom Otter Trawl	NEFS 7																		
3481	2011	GOM Cod	Bottom Otter Trawl	NEFS 8	6	13	6	46.15	0.01	0.00	0.51	10	76.92	10567	106872	21514.30	215.00	1068	79.90	85	41.70	45
3482	2011	GOM Cod	Bottom Otter Trawl	NEFS 9	26	94	32	34.04	0.01	0.00	0.33	37	39.36	133713	1657811	344377.50	2186.00	10523	542.60	581	246.90	265
3483	2011	GOM Cod	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.32	52	32.70	79091	499763	164841.10	172.00	521	259.60	339	92.10	117
3484	2011	GOM Cod	Bottom Otter Trawl	Sustainable Harvest Sector 1	106	932	277	29.72	0.00	0.00	0.15	88	9.44	1393163	15705125	4690601.20	12041.00	40316	3790.50	4178	1486.60	1627
3485	2011	GOM Cod	Bottom Otter Trawl	Tri-State Sector																		
3486	2011	GOM Cod	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3487	2011	GOM Cod	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3488	2011	GOM Cod	Extra Large Mesh Gillnet	NCCS																		
3489	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 10	4	89	50	56.18	0.00	0.00	0.24	41	46.07	2738	189089	75046.30	246.00	620	73.90	121	48.50	72
3490	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 11	4	61	61	100.00	0.01	0.00	0.00	0	0.00	28444	142250	62863.80	887.00	2007	21.10	61	27.60	61
3491	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 12																		
3492	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 13																		
3493	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 2																		
3494	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 3	16	360	143	39.72	0.01	0.00	0.11	29	8.06	36791	849965	174701.50	1019.00	4958	202.70	416	73.50	155
3495	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 5																		
3496	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 6																		
3497	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 7																		
3498	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 8																		
3499	2011	GOM Cod	Extra Large Mesh Gillnet	NEFS 9																		
3500	2011	GOM Cod	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3501	2011	GOM Cod	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3502	2011	GOM Cod	Extra Large Mesh Gillnet	Tri-State Sector																		
3503	2011	GOM Cod	Haddock Otter Trawl	Fixed Gear Sector																		
3504	2011	GOM Cod	Haddock Otter Trawl	Maine Coast Community Sector																		
3505	2011	GOM Cod	Haddock Otter Trawl	NCCS																		
3506	2011	GOM Cod	Haddock Otter Trawl	NEFS 10																		
3507	2011	GOM Cod	Haddock Otter Trawl	NEFS 11																		
3508	2011	GOM Cod	Haddock Otter Trawl	NEFS 12																		
3509	2011	GOM Cod	Haddock Otter Trawl	NEFS 13																		
3510	2011	GOM Cod	Haddock Otter Trawl	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3511	2011	GOM Cod	Haddock Otter Trawl	NEFS 3																		
3512	2011	GOM Cod	Haddock Otter Trawl	NEFS 5																		
3513	2011	GOM Cod	Haddock Otter Trawl	NEFS 6																		
3514	2011	GOM Cod	Haddock Otter Trawl	NEFS 7																		
3515	2011	GOM Cod	Haddock Otter Trawl	NEFS 8																		
3516	2011	GOM Cod	Haddock Otter Trawl	NEFS 9																		
3517	2011	GOM Cod	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3518	2011	GOM Cod	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
3519	2011	GOM Cod	Haddock Otter Trawl	Tri-State Sector																		
3520	2011	GOM Cod	Handline	Fixed Gear Sector																		
3521	2011	GOM Cod	Handline	Maine Coast Community Sector																		
3522	2011	GOM Cod	Handline	NCCS	4	26	9	34.62	0.07	0.00	0.15	4	15.38	16588	18542	6412.40	446.00	1290	12.00	26	4.40	9
3523	2011	GOM Cod	Handline	NEFS 10	3	20	1	5.00	0.03					17191	17388	511.50	17.00	578	8.60	20	0.50	1
3524	2011	GOM Cod	Handline	NEFS 11																		
3525	2011	GOM Cod	Handline	NEFS 12																		
3526	2011	GOM Cod	Handline	NEFS 13																		
3527	2011	GOM Cod	Handline	NEFS 2																		
3528	2011	GOM Cod	Handline	NEFS 3																		
3529	2011	GOM Cod	Handline	NEFS 5																		
3530	2011	GOM Cod	Handline	NEFS 6																		
3531	2011	GOM Cod	Handline	NEFS 7																		
3532	2011	GOM Cod	Handline	NEFS 8																		
3533	2011	GOM Cod	Handline	NEFS 9																		
3534	2011	GOM Cod	Handline	Port Clyde Community Groundfish Sector																		
3535	2011	GOM Cod	Handline	Sustainable Harvest Sector 1																		
3536	2011	GOM Cod	Handline	Tri-State Sector																		
3537	2011	GOM Cod	Large Mesh Gillnet	Fixed Gear Sector																		
3538	2011	GOM Cod	Large Mesh Gillnet	Maine Coast Community Sector																		
3539	2011	GOM Cod	Large Mesh Gillnet	NCCS																		
3540	2011	GOM Cod	Large Mesh Gillnet	NEFS 10	9	350	147	42.00	0.00	0.00	0.11	34	9.71	108226	1052982	407599.80	1718.00	4438	285.60	490	97.10	184
3541	2011	GOM Cod	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.10	43	3.31	930008	4076694	932163.20	3577.00	15644	481.80	1332	128.90	326
3542	2011	GOM Cod	Large Mesh Gillnet	NEFS 12	6	96	22	22.92	0.00	0.00	0.17	9	9.38	58626	1059087	212863.50	648.00	3224	367.90	419	80.40	93
3543	2011	GOM Cod	Large Mesh Gillnet	NEFS 13																		
3544	2011	GOM Cod	Large Mesh Gillnet	NEFS 2																		
3545	2011	GOM Cod	Large Mesh Gillnet	NEFS 3	30	2100	716	34.10	0.01	0.00	0.06	38	1.81	1247162	3451936	1094399.10	11146.00	35157	793.60	2136	284.10	723
3546	2011	GOM Cod	Large Mesh Gillnet	NEFS 5																		
3547	2011	GOM Cod	Large Mesh Gillnet	NEFS 6																		
3548	2011	GOM Cod	Large Mesh Gillnet	NEFS 7	3	13	6	46.15	0.01	0.00	0.21	4	30.77	19867	60969	35421.20	350.00	602	49.20	56	31.90	35
3549	2011	GOM Cod	Large Mesh Gillnet	NEFS 8																		
3550	2011	GOM Cod	Large Mesh Gillnet	NEFS 9																		
3551	2011	GOM Cod	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	14	557	146	26.21	0.00	0.00	0.11	24	4.31	295212	1849272	446871.00	1697.00	7023	412.20	740	101.90	182
3552	2011	GOM Cod	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.17	13	11.50	112629	894379	331354.80	1397.00	3771	369.50	429	133.30	152
3553	2011	GOM Cod	Large Mesh Gillnet	Tri-State Sector																		
3554	2011	GOM Cod	Ruhle Trawl	Fixed Gear Sector																		
3555	2011	GOM Cod	Ruhle Trawl	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3556	2011	GOM Cod	Ruhle Trawl	NCCS																		
3557	2011	GOM Cod	Ruhle Trawl	NEFS 10																		
3558	2011	GOM Cod	Ruhle Trawl	NEFS 11																		
3559	2011	GOM Cod	Ruhle Trawl	NEFS 12																		
3560	2011	GOM Cod	Ruhle Trawl	NEFS 13																		
3561	2011	GOM Cod	Ruhle Trawl	NEFS 2																		
3562	2011	GOM Cod	Ruhle Trawl	NEFS 3																		
3563	2011	GOM Cod	Ruhle Trawl	NEFS 5																		
3564	2011	GOM Cod	Ruhle Trawl	NEFS 6																		
3565	2011	GOM Cod	Ruhle Trawl	NEFS 7																		
3566	2011	GOM Cod	Ruhle Trawl	NEFS 8																		
3567	2011	GOM Cod	Ruhle Trawl	NEFS 9																		
3568	2011	GOM Cod	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3569	2011	GOM Cod	Ruhle Trawl	Sustainable Harvest Sector 1																		
3570	2011	GOM Cod	Ruhle Trawl	Tri-State Sector																		
3571	2011	GOM Haddock	Bottom Longline	Fixed Gear Sector	7	122	10	8.20	0.00	0.00	0.42	19	15.57	113088	510854	41162.30	125.00	1551	96.90	144	5.40	12
3572	2011	GOM Haddock	Bottom Longline	Maine Coast Community Sector																		
3573	2011	GOM Haddock	Bottom Longline	NCCS																		
3574	2011	GOM Haddock	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.49	18	52.94	3738	49858	17254.90	35.00	101	14.70	34	4.40	10
3575	2011	GOM Haddock	Bottom Longline	NEFS 11																		
3576	2011	GOM Haddock	Bottom Longline	NEFS 12																		
3577	2011	GOM Haddock	Bottom Longline	NEFS 13																		
3578	2011	GOM Haddock	Bottom Longline	NEFS 2																		
3579	2011	GOM Haddock	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.29	73	24.91	113465	298479	79608.30	278.00	1042	140.80	308	38.80	81
3580	2011	GOM Haddock	Bottom Longline	NEFS 5																		
3581	2011	GOM Haddock	Bottom Longline	NEFS 6																		
3582	2011	GOM Haddock	Bottom Longline	NEFS 7																		
3583	2011	GOM Haddock	Bottom Longline	NEFS 8																		
3584	2011	GOM Haddock	Bottom Longline	NEFS 9																		
3585	2011	GOM Haddock	Bottom Longline	Port Clyde Community Groundfish Sector																		
3586	2011	GOM Haddock	Bottom Longline	Sustainable Harvest Sector 1																		
3587	2011	GOM Haddock	Bottom Longline	Tri-State Sector																		
3588	2011	GOM Haddock	Bottom Otter Trawl	Fixed Gear Sector																		
3589	2011	GOM Haddock	Bottom Otter Trawl	Maine Coast Community Sector																		
3590	2011	GOM Haddock	Bottom Otter Trawl	NCCS																		
3591	2011	GOM Haddock	Bottom Otter Trawl	NEFS 10	14	422	132	31.28	0.00	0.00	0.30	130	30.81	16941	1141124	303044.60	27.00	102	229.10	465	61.30	137
3592	2011	GOM Haddock	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.44	69	47.26	30354	311558	74652.00	26.00	109	72.90	157	21.90	47
3593	2011	GOM Haddock	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.46	69	49.29	876	177907	54104.20	6.00	20	61.20	143	20.40	42
3594	2011	GOM Haddock	Bottom Otter Trawl	NEFS 13	7	29	4	13.79	0.00	0.00	0.61	12	41.38	11326	450143	93292.00	6.00	29	98.10	111	21.10	23
3595	2011	GOM Haddock	Bottom Otter Trawl	NEFS 2	64	2139	539	25.20	0.00	0.00	0.22	337	15.76	425763	7406443	1954000.80	1177.00	4461	2104.40	3215	648.50	937
3596	2011	GOM Haddock	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	3392	53664	4363.00	0.00	0	15.90	28	1.40	2
3597	2011	GOM Haddock	Bottom Otter Trawl	NEFS 5																		
3598	2011	GOM Haddock	Bottom Otter Trawl	NEFS 6	9	126	41	32.54	0.00	0.00	0.43	63	50.00	34460	1850501	698355.10	171.00	453	498.60	550	220.60	241
3599	2011	GOM Haddock	Bottom Otter Trawl	NEFS 7																		
3600	2011	GOM Haddock	Bottom Otter Trawl	NEFS 8	6	13	6	46.15	0.00	0.00	0.00	0	0.00	240	106872	21514.30	0.00	0	79.90	85	41.70	45

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3601	2011	GOM Haddock	Bottom Otter Trawl	NEFS 9	26	94	32	34.04	0.00	0.00	0.58	62	65.96	13894	1657811	344377.50	218.00	1049	542.60	581	246.90	265
3602	2011	GOM Haddock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.60	101	63.52	1095	499763	164841.10	3.00	9	259.60	339	92.10	117
3603	2011	GOM Haddock	Bottom Otter Trawl	Sustainable Harvest Sector 1	106	932	277	29.72	0.00	0.00	0.14	84	9.01	214166	15705125	4690601.20	774.00	2592	3790.50	4178	1486.60	1627
3604	2011	GOM Haddock	Bottom Otter Trawl	Tri-State Sector																		
3605	2011	GOM Haddock	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3606	2011	GOM Haddock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3607	2011	GOM Haddock	Extra Large Mesh Gillnet	NCCS																		
3608	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 10	4	89	50	56.18	0.00	0.00	0.36	58	65.17	222	189089	75046.30	26.00	66	73.90	121	48.50	72
3609	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 11	4	61	61	100.00	0.00	0.00	0.00	0	0.00	66	142250	62863.80	27.00	61	21.10	61	27.60	61
3610	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 12																		
3611	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 13																		
3612	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 2																		
3613	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 3	16	360	143	39.72	0.00	0.00	0.27	126	35.00	1100	849965	174701.50	45.00	219	202.70	416	73.50	155
3614	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 5																		
3615	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 6																		
3616	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 7																		
3617	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 8																		
3618	2011	GOM Haddock	Extra Large Mesh Gillnet	NEFS 9																		
3619	2011	GOM Haddock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3620	2011	GOM Haddock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3621	2011	GOM Haddock	Extra Large Mesh Gillnet	Tri-State Sector																		
3622	2011	GOM Haddock	Haddock Otter Trawl	Fixed Gear Sector																		
3623	2011	GOM Haddock	Haddock Otter Trawl	Maine Coast Community Sector																		
3624	2011	GOM Haddock	Haddock Otter Trawl	NCCS																		
3625	2011	GOM Haddock	Haddock Otter Trawl	NEFS 10																		
3626	2011	GOM Haddock	Haddock Otter Trawl	NEFS 11																		
3627	2011	GOM Haddock	Haddock Otter Trawl	NEFS 12																		
3628	2011	GOM Haddock	Haddock Otter Trawl	NEFS 13																		
3629	2011	GOM Haddock	Haddock Otter Trawl	NEFS 2																		
3630	2011	GOM Haddock	Haddock Otter Trawl	NEFS 3																		
3631	2011	GOM Haddock	Haddock Otter Trawl	NEFS 5																		
3632	2011	GOM Haddock	Haddock Otter Trawl	NEFS 6																		
3633	2011	GOM Haddock	Haddock Otter Trawl	NEFS 7																		
3634	2011	GOM Haddock	Haddock Otter Trawl	NEFS 8																		
3635	2011	GOM Haddock	Haddock Otter Trawl	NEFS 9																		
3636	2011	GOM Haddock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3637	2011	GOM Haddock	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
3638	2011	GOM Haddock	Haddock Otter Trawl	Tri-State Sector																		
3639	2011	GOM Haddock	Handline	Fixed Gear Sector																		
3640	2011	GOM Haddock	Handline	Maine Coast Community Sector																		
3641	2011	GOM Haddock	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	182	18542	6412.40	0.00	0	12.00	26	4.40	9
3642	2011	GOM Haddock	Handline	NEFS 10	3	20	1	5.00	0.00					8	17388	511.50	0.00	0	8.60	20	0.50	1
3643	2011	GOM Haddock	Handline	NEFS 11																		
3644	2011	GOM Haddock	Handline	NEFS 12																		
3645	2011	GOM Haddock	Handline	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3646	2011	GOM Haddock	Handline	NEFS 2																		
3647	2011	GOM Haddock	Handline	NEFS 3																		
3648	2011	GOM Haddock	Handline	NEFS 5																		
3649	2011	GOM Haddock	Handline	NEFS 6																		
3650	2011	GOM Haddock	Handline	NEFS 7																		
3651	2011	GOM Haddock	Handline	NEFS 8																		
3652	2011	GOM Haddock	Handline	NEFS 9																		
3653	2011	GOM Haddock	Handline	Port Clyde Community Groundfish Sector																		
3654	2011	GOM Haddock	Handline	Sustainable Harvest Sector 1																		
3655	2011	GOM Haddock	Handline	Tri-State Sector																		
3656	2011	GOM Haddock	Large Mesh Gillnet	Fixed Gear Sector																		
3657	2011	GOM Haddock	Large Mesh Gillnet	Maine Coast Community Sector																		
3658	2011	GOM Haddock	Large Mesh Gillnet	NCCS																		
3659	2011	GOM Haddock	Large Mesh Gillnet	NEFS 10	9	350	147	42.00	0.00	0.00	0.25	115	32.86	9988	1052982	407599.80	121.00	313	285.60	490	97.10	184
3660	2011	GOM Haddock	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.24	219	16.86	8671	4076694	932163.20	215.00	940	481.80	1332	128.90	326
3661	2011	GOM Haddock	Large Mesh Gillnet	NEFS 12	6	96	22	22.92	0.00	0.00	0.21	13	13.54	2227	1059087	212863.50	54.00	269	367.90	419	80.40	93
3662	2011	GOM Haddock	Large Mesh Gillnet	NEFS 13																		
3663	2011	GOM Haddock	Large Mesh Gillnet	NEFS 2																		
3664	2011	GOM Haddock	Large Mesh Gillnet	NEFS 3	30	2100	716	34.10	0.00	0.00	0.10	118	5.62	33406	3451936	1094399.10	688.00	2170	793.60	2136	284.10	723
3665	2011	GOM Haddock	Large Mesh Gillnet	NEFS 5																		
3666	2011	GOM Haddock	Large Mesh Gillnet	NEFS 6																		
3667	2011	GOM Haddock	Large Mesh Gillnet	NEFS 7	3	13	6	46.15	0.00	0.00	0.22	4	30.77	383	60969	35421.20	24.00	41	49.20	56	31.90	35
3668	2011	GOM Haddock	Large Mesh Gillnet	NEFS 8																		
3669	2011	GOM Haddock	Large Mesh Gillnet	NEFS 9																		
3670	2011	GOM Haddock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	14	557	146	26.21	0.00	0.00	0.42	229	41.11	2389	1849272	446871.00	138.00	571	412.20	740	101.90	182
3671	2011	GOM Haddock	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.17	13	11.50	948	894379	331354.80	105.00	283	369.50	429	133.30	152
3672	2011	GOM Haddock	Large Mesh Gillnet	Tri-State Sector																		
3673	2011	GOM Haddock	Ruhle Trawl	Fixed Gear Sector																		
3674	2011	GOM Haddock	Ruhle Trawl	Maine Coast Community Sector																		
3675	2011	GOM Haddock	Ruhle Trawl	NCCS																		
3676	2011	GOM Haddock	Ruhle Trawl	NEFS 10																		
3677	2011	GOM Haddock	Ruhle Trawl	NEFS 11																		
3678	2011	GOM Haddock	Ruhle Trawl	NEFS 12																		
3679	2011	GOM Haddock	Ruhle Trawl	NEFS 13																		
3680	2011	GOM Haddock	Ruhle Trawl	NEFS 2																		
3681	2011	GOM Haddock	Ruhle Trawl	NEFS 3																		
3682	2011	GOM Haddock	Ruhle Trawl	NEFS 5																		
3683	2011	GOM Haddock	Ruhle Trawl	NEFS 6																		
3684	2011	GOM Haddock	Ruhle Trawl	NEFS 7																		
3685	2011	GOM Haddock	Ruhle Trawl	NEFS 8																		
3686	2011	GOM Haddock	Ruhle Trawl	NEFS 9																		
3687	2011	GOM Haddock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3688	2011	GOM Haddock	Ruhle Trawl	Sustainable Harvest Sector 1																		
3689	2011	GOM Haddock	Ruhle Trawl	Tri-State Sector																		
3690	2011	GOM Winter Flounder	Bottom Longline	Fixed Gear Sector	7	122	10	8.20	0.00	0.00	0.48	24	19.67	74	510854	41162.30	1.00	12	96.90	144	5.40	12

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3691	2011	GOM Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
3692	2011	GOM Winter Flounder	Bottom Longline	NCCS																		
3693	2011	GOM Winter Flounder	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
3694	2011	GOM Winter Flounder	Bottom Longline	NEFS 11																		
3695	2011	GOM Winter Flounder	Bottom Longline	NEFS 12																		
3696	2011	GOM Winter Flounder	Bottom Longline	NEFS 13																		
3697	2011	GOM Winter Flounder	Bottom Longline	NEFS 2																		
3698	2011	GOM Winter Flounder	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.00	0	0.00	0	298479	79608.30	0.00	0	140.80	308	38.80	81
3699	2011	GOM Winter Flounder	Bottom Longline	NEFS 5																		
3700	2011	GOM Winter Flounder	Bottom Longline	NEFS 6																		
3701	2011	GOM Winter Flounder	Bottom Longline	NEFS 7																		
3702	2011	GOM Winter Flounder	Bottom Longline	NEFS 8																		
3703	2011	GOM Winter Flounder	Bottom Longline	NEFS 9																		
3704	2011	GOM Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
3705	2011	GOM Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
3706	2011	GOM Winter Flounder	Bottom Longline	Tri-State Sector																		
3707	2011	GOM Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
3708	2011	GOM Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
3709	2011	GOM Winter Flounder	Bottom Otter Trawl	NCCS																		
3710	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 10	14	422	132	31.28	0.00	0.00	0.17	52	12.32	108588	1141124	303044.60	945.00	3558	229.10	465	61.30	137
3711	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.30	44	30.14	2655	311558	74652.00	15.50	65	72.90	157	21.90	47
3712	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.46	69	49.29	1365	177907	54104.20	17.00	56	61.20	143	20.40	42
3713	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 13	7	29	4	13.79	0.00	0.00	0.00	0	0.00	1466	450143	93292.00	0.00	0	98.10	111	21.10	23
3714	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 2	64	2139	539	25.20	0.00	0.00	0.17	201	9.40	96639	7406443	1954000.80	1005.50	3811	2104.40	3215	648.50	937
3715	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	1929	53664	4363.00	0.00	0	15.90	28	1.40	2
3716	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 5																		
3717	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 6	9	126	41	32.54	0.00	0.00	0.28	37	29.37	31443	1850501	698355.10	135.50	359	498.60	550	220.60	241
3718	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 7																		
3719	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 8	6	13	6	46.15	0.01	0.00	0.41	8	61.54	2665	106872	21514.30	120.50	599	79.90	85	41.70	45
3720	2011	GOM Winter Flounder	Bottom Otter Trawl	NEFS 9	26	94	32	34.04	0.00	0.00	0.35	39	41.49	1630	1657811	344377.50	188.00	905	542.60	581	246.90	265
3721	2011	GOM Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.83	123	77.36	22	499763	164841.10	0.50	2	259.60	339	92.10	117
3722	2011	GOM Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	106	932	277	29.72	0.00	0.00	0.28	252	27.04	11983	15705125	4690601.20	193.00	646	3790.50	4178	1486.60	1627
3723	2011	GOM Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
3724	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
3725	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3726	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
3727	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	4	89	50	56.18	0.00	0.00	0.62	76	85.39	219	189089	75046.30	5.00	13	73.90	121	48.50	72
3728	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	4	61	61	100.00	0.00	0.00	0.00	0	0.00	34	142250	62863.80	0.00	0	21.10	61	27.60	61
3729	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
3730	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
3731	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
3732	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	16	360	143	39.72	0.00	0.00	0.49	231	64.17	821	849965	174701.50	3.00	15	202.70	416	73.50	155
3733	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
3734	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
3735	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3736	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
3737	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
3738	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3739	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3740	2011	GOM Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
3741	2011	GOM Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
3742	2011	GOM Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
3743	2011	GOM Winter Flounder	Haddock Otter Trawl	NCCS																		
3744	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 10																		
3745	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 11																		
3746	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 12																		
3747	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 13																		
3748	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 2																		
3749	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 3																		
3750	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 5																		
3751	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 6																		
3752	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 7																		
3753	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 8																		
3754	2011	GOM Winter Flounder	Haddock Otter Trawl	NEFS 9																		
3755	2011	GOM Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3756	2011	GOM Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
3757	2011	GOM Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
3758	2011	GOM Winter Flounder	Handline	Fixed Gear Sector																		
3759	2011	GOM Winter Flounder	Handline	Maine Coast Community Sector																		
3760	2011	GOM Winter Flounder	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6412.40	0.00	0	12.00	26	4.40	9
3761	2011	GOM Winter Flounder	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
3762	2011	GOM Winter Flounder	Handline	NEFS 11																		
3763	2011	GOM Winter Flounder	Handline	NEFS 12																		
3764	2011	GOM Winter Flounder	Handline	NEFS 13																		
3765	2011	GOM Winter Flounder	Handline	NEFS 2																		
3766	2011	GOM Winter Flounder	Handline	NEFS 3																		
3767	2011	GOM Winter Flounder	Handline	NEFS 5																		
3768	2011	GOM Winter Flounder	Handline	NEFS 6																		
3769	2011	GOM Winter Flounder	Handline	NEFS 7																		
3770	2011	GOM Winter Flounder	Handline	NEFS 8																		
3771	2011	GOM Winter Flounder	Handline	NEFS 9																		
3772	2011	GOM Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
3773	2011	GOM Winter Flounder	Handline	Sustainable Harvest Sector 1																		
3774	2011	GOM Winter Flounder	Handline	Tri-State Sector																		
3775	2011	GOM Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
3776	2011	GOM Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
3777	2011	GOM Winter Flounder	Large Mesh Gillnet	NCCS																		
3778	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 10	9	350	147	42.00	0.00	0.00	0.21	92	26.29	17577	1052982	407599.80	34.50	89	285.60	490	97.10	184
3779	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.20	170	13.09	2769	4076694	932163.20	28.00	122	481.80	1332	128.90	326
3780	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 12	6	96	22	22.92	0.00	0.00	0.00	0	0.00	1	1059087	212863.50	0.00	0	367.90	419	80.40	93

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3781	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 13																		
3782	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 2																		
3783	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 3	30	2100	716	34.10	0.00	0.00	0.08	80	3.81	51860	3451936	1094399.10	237.50	749	793.60	2136	284.10	723
3784	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 5																		
3785	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 6																		
3786	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 7	3	13	6	46.15	0.00	0.00	0.68	11	84.62	65	60969	35421.20	0.50	1	49.20	56	31.90	35
3787	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 8																		
3788	2011	GOM Winter Flounder	Large Mesh Gillnet	NEFS 9																		
3789	2011	GOM Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	14	557	146	26.21	0.00	0.00	0.43	237	42.55	146	1849272	446871.00	2.00	8	412.20	740	101.90	182
3790	2011	GOM Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.67	74	65.49	297	894379	331354.80	19.00	51	369.50	429	133.30	152
3791	2011	GOM Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
3792	2011	GOM Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
3793	2011	GOM Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
3794	2011	GOM Winter Flounder	Ruhle Trawl	NCCS																		
3795	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 10																		
3796	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 11																		
3797	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 12																		
3798	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 13																		
3799	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 2																		
3800	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 3																		
3801	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 5																		
3802	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 6																		
3803	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 7																		
3804	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 8																		
3805	2011	GOM Winter Flounder	Ruhle Trawl	NEFS 9																		
3806	2011	GOM Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3807	2011	GOM Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
3808	2011	GOM Winter Flounder	Ruhle Trawl	Tri-State Sector																		
3809	2011	Halibut	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.93	216	58.54	288	1269498	152519.70	18.00	150	241.80	448	28.70	62
3810	2011	Halibut	Bottom Longline	Maine Coast Community Sector																		
3811	2011	Halibut	Bottom Longline	NCCS																		
3812	2011	Halibut	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
3813	2011	Halibut	Bottom Longline	NEFS 11																		
3814	2011	Halibut	Bottom Longline	NEFS 12																		
3815	2011	Halibut	Bottom Longline	NEFS 13																		
3816	2011	Halibut	Bottom Longline	NEFS 2																		
3817	2011	Halibut	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.00	0	0.00	0	298479	79608.30	0.00	0	140.80	308	38.80	81
3818	2011	Halibut	Bottom Longline	NEFS 5																		
3819	2011	Halibut	Bottom Longline	NEFS 6																		
3820	2011	Halibut	Bottom Longline	NEFS 7																		
3821	2011	Halibut	Bottom Longline	NEFS 8																		
3822	2011	Halibut	Bottom Longline	NEFS 9																		
3823	2011	Halibut	Bottom Longline	Port Clyde Community Groundfish Sector																		
3824	2011	Halibut	Bottom Longline	Sustainable Harvest Sector 1																		
3825	2011	Halibut	Bottom Longline	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3826	2011	Halibut	Bottom Otter Trawl	Fixed Gear Sector																		
3827	2011	Halibut	Bottom Otter Trawl	Maine Coast Community Sector																		
3828	2011	Halibut	Bottom Otter Trawl	NCCS																		
3829	2011	Halibut	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.16	58	10.78	201	1690509	440369.40	299.00	1148	290.90	584	79.60	170
3830	2011	Halibut	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.61	93	63.70	31	311558	74652.00	18.00	75	72.90	157	21.90	47
3831	2011	Halibut	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.36	52	37.14	47	177907	54104.20	74.00	243	61.20	143	20.40	42
3832	2011	Halibut	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.21	77	14.18	780	5651557	1951213.70	882.00	2555	1290.10	1474	496.90	562
3833	2011	Halibut	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.13	121	4.90	1961	12296414	3254352.90	1870.00	7066	2303.70	3433	707.70	1001
3834	2011	Halibut	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	0	53664	4363.00	0.00	0	15.90	28	1.40	2
3835	2011	Halibut	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.59	423	65.58	23	6189506	2065282.80	46.00	138	713.00	1031	256.80	371
3836	2011	Halibut	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.22	26	12.04	322	3980042	1085318.40	838.00	3073	611.90	673	226.50	247
3837	2011	Halibut	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.26	35	16.13	578	2565524	842882.60	529.00	1610	656.00	729	254.80	279
3838	2011	Halibut	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.26	29	14.36	598	3265183	771702.50	674.00	2852	794.30	846	273.70	292
3839	2011	Halibut	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.20	67	9.28	2451	13236959	3431257.40	2756.00	10632	2594.80	2795	970.90	1047
3840	2011	Halibut	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.24	35	22.01	622	499763	164841.10	631.00	1913	259.60	339	92.10	117
3841	2011	Halibut	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.09	38	2.53	10931	23310625	6559250.50	5715.00	20310	4486.40	4939	1702.90	1862
3842	2011	Halibut	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.68	10	66.67	0	420738	41397.50	5.00	51	96.40	104	17.40	19
3843	2011	Halibut	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.73	878	68.86	104	7890632	2045826.40	1152.00	4443	565.30	1478	150.30	394
3844	2011	Halibut	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3845	2011	Halibut	Extra Large Mesh Gillnet	NCCS																		
3846	2011	Halibut	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.42	82	68.33	0	412304	169256.30	224.00	546	107.50	175	59.70	90
3847	2011	Halibut	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.33	94	46.53	190	668560	152866.60	134.00	586	81.10	204	38.70	84
3848	2011	Halibut	Extra Large Mesh Gillnet	NEFS 12																		
3849	2011	Halibut	Extra Large Mesh Gillnet	NEFS 13																		
3850	2011	Halibut	Extra Large Mesh Gillnet	NEFS 2																		
3851	2011	Halibut	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.19	87	16.96	558	1669677	331562.90	585.00	2946	354.60	651	103.30	200
3852	2011	Halibut	Extra Large Mesh Gillnet	NEFS 5																		
3853	2011	Halibut	Extra Large Mesh Gillnet	NEFS 6																		
3854	2011	Halibut	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.44	88	45.36	79	1092447	343227.40	306.00	974	173.90	267	69.70	97
3855	2011	Halibut	Extra Large Mesh Gillnet	NEFS 8																		
3856	2011	Halibut	Extra Large Mesh Gillnet	NEFS 9																		
3857	2011	Halibut	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3858	2011	Halibut	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3859	2011	Halibut	Extra Large Mesh Gillnet	Tri-State Sector																		
3860	2011	Halibut	Haddock Otter Trawl	Fixed Gear Sector																		
3861	2011	Halibut	Haddock Otter Trawl	Maine Coast Community Sector																		
3862	2011	Halibut	Haddock Otter Trawl	NCCS																		
3863	2011	Halibut	Haddock Otter Trawl	NEFS 10																		
3864	2011	Halibut	Haddock Otter Trawl	NEFS 11																		
3865	2011	Halibut	Haddock Otter Trawl	NEFS 12																		
3866	2011	Halibut	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.01	0.00	1.47	10	90.91	0	61728	2195.60	12.00	337	70.10	75	11.50	12
3867	2011	Halibut	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.53	16	80.00	92	258754	185171.60	22.00	31	124.80	136	72.50	78
3868	2011	Halibut	Haddock Otter Trawl	NEFS 3																		
3869	2011	Halibut	Haddock Otter Trawl	NEFS 5																		
3870	2011	Halibut	Haddock Otter Trawl	NEFS 6																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3871	2011	Halibut	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	0	53451	9349.60	0.00	0	73.30	79	31.50	34
3872	2011	Halibut	Haddock Otter Trawl	NEFS 8																		
3873	2011	Halibut	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.76	26	59.09	206	457000	113328.20	143.00	577	148.50	158	47.40	51
3874	2011	Halibut	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3875	2011	Halibut	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.26	34	20.61	473	2584464	1158779.00	349.00	778	707.90	754	296.20	316
3876	2011	Halibut	Haddock Otter Trawl	Tri-State Sector																		
3877	2011	Halibut	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
3878	2011	Halibut	Handline	Maine Coast Community Sector																		
3879	2011	Halibut	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	37	18542	6504.80	0.00	0	12.00	26	4.40	9
3880	2011	Halibut	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
3881	2011	Halibut	Handline	NEFS 11																		
3882	2011	Halibut	Handline	NEFS 12																		
3883	2011	Halibut	Handline	NEFS 13																		
3884	2011	Halibut	Handline	NEFS 2																		
3885	2011	Halibut	Handline	NEFS 3																		
3886	2011	Halibut	Handline	NEFS 5																		
3887	2011	Halibut	Handline	NEFS 6																		
3888	2011	Halibut	Handline	NEFS 7																		
3889	2011	Halibut	Handline	NEFS 8																		
3890	2011	Halibut	Handline	NEFS 9																		
3891	2011	Halibut	Handline	Port Clyde Community Groundfish Sector																		
3892	2011	Halibut	Handline	Sustainable Harvest Sector 1																		
3893	2011	Halibut	Handline	Tri-State Sector																		
3894	2011	Halibut	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.30	230	28.64	196	2307839	595528.00	90.00	349	280.80	819	83.30	236
3895	2011	Halibut	Large Mesh Gillnet	Maine Coast Community Sector																		
3896	2011	Halibut	Large Mesh Gillnet	NCCS																		
3897	2011	Halibut	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.22	102	28.02	443	1139521	444970.30	136.00	348	302.00	508	105.20	193
3898	2011	Halibut	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.40	481	37.03	455	4076694	932163.20	287.00	1255	481.80	1332	128.90	326
3899	2011	Halibut	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.59	52	52.53	39	1102911	231008.30	28.00	134	385.70	438	80.40	93
3900	2011	Halibut	Large Mesh Gillnet	NEFS 13																		
3901	2011	Halibut	Large Mesh Gillnet	NEFS 2																		
3902	2011	Halibut	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.12	168	7.88	104	3531995	1122435.60	344.00	1082	810.80	2170	289.50	732
3903	2011	Halibut	Large Mesh Gillnet	NEFS 5																		
3904	2011	Halibut	Large Mesh Gillnet	NEFS 6																		
3905	2011	Halibut	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.40	11	73.33	59	64534	41154.30	49.00	77	49.50	57	32.90	37
3906	2011	Halibut	Large Mesh Gillnet	NEFS 8																		
3907	2011	Halibut	Large Mesh Gillnet	NEFS 9																		
3908	2011	Halibut	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.19	69	12.37	611	1857095	452719.70	470.00	1928	412.20	740	101.90	182
3909	2011	Halibut	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.22	20	17.70	241	894379	334188.20	191.00	511	369.50	429	133.30	152
3910	2011	Halibut	Large Mesh Gillnet	Tri-State Sector																		
3911	2011	Halibut	Ruhle Trawl	Fixed Gear Sector																		
3912	2011	Halibut	Ruhle Trawl	Maine Coast Community Sector																		
3913	2011	Halibut	Ruhle Trawl	NCCS																		
3914	2011	Halibut	Ruhle Trawl	NEFS 10																		
3915	2011	Halibut	Ruhle Trawl	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3916	2011	Halibut	Ruhle Trawl	NEFS 12																		
3917	2011	Halibut	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.67	28	50.00	47	804866	142583.50	15.00	85	285.30	308	63.90	68
3918	2011	Halibut	Ruhle Trawl	NEFS 2																		
3919	2011	Halibut	Ruhle Trawl	NEFS 3																		
3920	2011	Halibut	Ruhle Trawl	NEFS 5	4	5	0	0.00						0	52344	0.00	0.00		23.30	24	0.00	0
3921	2011	Halibut	Ruhle Trawl	NEFS 6																		
3922	2011	Halibut	Ruhle Trawl	NEFS 7																		
3923	2011	Halibut	Ruhle Trawl	NEFS 8																		
3924	2011	Halibut	Ruhle Trawl	NEFS 9																		
3925	2011	Halibut	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
3926	2011	Halibut	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	156	152932	6603.20	0.00	0	42.60	46	10.40	11
3927	2011	Halibut	Ruhle Trawl	Tri-State Sector																		
3928	2011	Northern Windowpane	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.94	218	59.08	0	1269498	152519.70	2.00	17	241.80	448	28.70	62
3929	2011	Northern Windowpane	Bottom Longline	Maine Coast Community Sector																		
3930	2011	Northern Windowpane	Bottom Longline	NCCS																		
3931	2011	Northern Windowpane	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
3932	2011	Northern Windowpane	Bottom Longline	NEFS 11																		
3933	2011	Northern Windowpane	Bottom Longline	NEFS 12																		
3934	2011	Northern Windowpane	Bottom Longline	NEFS 13																		
3935	2011	Northern Windowpane	Bottom Longline	NEFS 2																		
3936	2011	Northern Windowpane	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.00	0	0.00	0	298479	79608.30	0.00	0	140.80	308	38.80	81
3937	2011	Northern Windowpane	Bottom Longline	NEFS 5																		
3938	2011	Northern Windowpane	Bottom Longline	NEFS 6																		
3939	2011	Northern Windowpane	Bottom Longline	NEFS 7																		
3940	2011	Northern Windowpane	Bottom Longline	NEFS 8																		
3941	2011	Northern Windowpane	Bottom Longline	NEFS 9																		
3942	2011	Northern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
3943	2011	Northern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
3944	2011	Northern Windowpane	Bottom Longline	Tri-State Sector																		
3945	2011	Northern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
3946	2011	Northern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
3947	2011	Northern Windowpane	Bottom Otter Trawl	NCCS																		
3948	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.02	0.00	0.17	70	13.01	0	1690509	440369.40	7257.00	27858	290.90	584	79.60	170
3949	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.25	32	21.92	0	311558	74652.00	164.00	684	72.90	157	21.90	47
3950	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.36	51	36.43	0	177907	54104.20	189.00	621	61.20	143	20.40	42
3951	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 13	58	266	50	18.80	0.01	0.00	0.23	32	12.03	0	3391777	1053416.70	13073.00	42092	949.00	1020	352.70	377
3952	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.11	98	3.97	0	12296414	3253022.40	8130.00	30731	2303.70	3433	707.70	1001
3953	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.02	0.00	0.50	5	20.83	0	53664	4363.00	75.00	922	15.90	28	1.40	2
3954	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 5	12	19	3	15.79	0.01	0.00	0.62	9	47.37	0	345177	76717.00	1032.00	4643	88.00	90	21.80	23
3955	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 6	16	215	42	19.53	0.00	0.00	0.28	37	17.21	0	3967419	1085318.40	1563.00	5714	611.90	673	226.50	247
3956	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 7	23	174	32	18.39	0.01	0.00	0.18	14	8.05	0	2173862	733778.70	9562.00	28328	569.30	623	219.00	236
3957	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 8	34	186	36	19.35	0.01	0.00	0.31	38	20.43	0	3120539	736864.20	7794.00	33007	788.50	839	272.00	290
3958	2011	Northern Windowpane	Bottom Otter Trawl	NEFS 9	96	670	131	19.55	0.01	0.00	0.17	51	7.61	0	12744937	3320611.60	39993.00	153498	2577.20	2774	968.50	1044
3959	2011	Northern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.00	0	0.00	0	499763	164841.10	0.00	0	259.60	339	92.10	117
3960	2011	Northern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	174	1461	309	21.15	0.00	0.00	0.27	264	18.07	0	23147892	6510998.50	2833.00	10072	4457.80	4900	1692.40	1848

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
3961	2011	Northern Windowpane	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.77	11	73.33	0	420738	41397.50	13.00	132	96.40	104	17.40	19
3962	2011	Northern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	17	1045	290	27.75	0.00	0.00	0.72	721	69.00	0	6416372	1661832.10	6.00	23	298.00	1067	84.10	291
3963	2011	Northern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
3964	2011	Northern Windowpane	Extra Large Mesh Gillnet	NCCS																		
3965	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 10	4	89	50	56.18	0.00	0.00	0.00	0	0.00	0	189089	75046.30	0.00	0	73.90	121	48.50	72
3966	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 11	4	61	61	100.00	0.00	0.00	0.00	0	0.00	0	142250	62863.80	0.00	0	21.10	61	27.60	61
3967	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
3968	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
3969	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
3970	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 3	16	360	143	39.72	0.00	0.00	0.00	0	0.00	0	849965	174701.50	0.00	0	202.70	416	73.50	155
3971	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
3972	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
3973	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 7																		
3974	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
3975	2011	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
3976	2011	Northern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
3977	2011	Northern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
3978	2011	Northern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
3979	2011	Northern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
3980	2011	Northern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
3981	2011	Northern Windowpane	Haddock Otter Trawl	NCCS																		
3982	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 10																		
3983	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 11																		
3984	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 12																		
3985	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	0.00	0	0.00	0	61728	2195.60	0.00	0	70.10	75	11.50	12
3986	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.26	10	50.00	0	258754	185171.60	137.00	191	124.80	136	72.50	78
3987	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 3																		
3988	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 5																		
3989	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 6																		
3990	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.81	9	81.82	0	53451	9349.60	12.00	69	73.30	79	31.50	34
3991	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 8																		
3992	2011	Northern Windowpane	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.19	4	9.09	0	457000	113328.20	386.00	1557	148.50	158	47.40	51
3993	2011	Northern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
3994	2011	Northern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	37	164	42	25.61	0.00	0.00	0.48	77	46.95	0	2555280	1158761.90	1486.00	3277	707.90	754	296.20	316
3995	2011	Northern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
3996	2011	Northern Windowpane	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
3997	2011	Northern Windowpane	Handline	Maine Coast Community Sector																		
3998	2011	Northern Windowpane	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
3999	2011	Northern Windowpane	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
4000	2011	Northern Windowpane	Handline	NEFS 11																		
4001	2011	Northern Windowpane	Handline	NEFS 12																		
4002	2011	Northern Windowpane	Handline	NEFS 13																		
4003	2011	Northern Windowpane	Handline	NEFS 2																		
4004	2011	Northern Windowpane	Handline	NEFS 3																		
4005	2011	Northern Windowpane	Handline	NEFS 5																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4006	2011	Northern Windowpane	Handline	NEFS 6																		
4007	2011	Northern Windowpane	Handline	NEFS 7																		
4008	2011	Northern Windowpane	Handline	NEFS 8																		
4009	2011	Northern Windowpane	Handline	NEFS 9																		
4010	2011	Northern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
4011	2011	Northern Windowpane	Handline	Sustainable Harvest Sector 1																		
4012	2011	Northern Windowpane	Handline	Tri-State Sector																		
4013	2011	Northern Windowpane	Large Mesh Gillnet	Fixed Gear Sector	18	802	233	29.05	0.00	0.00	0.18	108	13.47	0	2301224	586115.50	96.00	377	279.40	817	82.30	235
4014	2011	Northern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
4015	2011	Northern Windowpane	Large Mesh Gillnet	NCCS																		
4016	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.18	71	19.51	0	1139521	444970.30	95.00	243	302.00	508	105.20	193
4017	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.49	605	46.57	0	4076694	932163.20	3.00	13	481.80	1332	128.90	326
4018	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.00	0	0.00	0	1102911	231008.30	0.00	0	385.70	438	80.40	93
4019	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 13																		
4020	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 2																		
4021	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 3	31	2103	717	34.09	0.00	0.00	0.10	124	5.90	1	3455744	1100298.90	785.00	2465	795.30	2139	285.20	725
4022	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 5																		
4023	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 6																		
4024	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 7	4	14	6	42.86	0.00	0.00	0.00	0	0.00	0	64474	39861.90	0.00	0	49.20	56	31.90	35
4025	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 8																		
4026	2011	Northern Windowpane	Large Mesh Gillnet	NEFS 9																		
4027	2011	Northern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.00	0	0.00	0	1857095	452719.70	0.00	0	412.20	740	101.90	182
4028	2011	Northern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.00	0	0.00	0	894379	334188.20	0.00	0	369.50	429	133.30	152
4029	2011	Northern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
4030	2011	Northern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
4031	2011	Northern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
4032	2011	Northern Windowpane	Ruhle Trawl	NCCS																		
4033	2011	Northern Windowpane	Ruhle Trawl	NEFS 10																		
4034	2011	Northern Windowpane	Ruhle Trawl	NEFS 11																		
4035	2011	Northern Windowpane	Ruhle Trawl	NEFS 12																		
4036	2011	Northern Windowpane	Ruhle Trawl	NEFS 13	15	55	9	16.36	0.00	0.00	0.69	28	50.91	0	804860	142571.70	304.00	1716	285.30	308	63.90	68
4037	2011	Northern Windowpane	Ruhle Trawl	NEFS 2																		
4038	2011	Northern Windowpane	Ruhle Trawl	NEFS 3																		
4039	2011	Northern Windowpane	Ruhle Trawl	NEFS 5	4	5	0	0.00						0	52344	0.00	0.00		23.30	24	0.00	0
4040	2011	Northern Windowpane	Ruhle Trawl	NEFS 6																		
4041	2011	Northern Windowpane	Ruhle Trawl	NEFS 7																		
4042	2011	Northern Windowpane	Ruhle Trawl	NEFS 8																		
4043	2011	Northern Windowpane	Ruhle Trawl	NEFS 9																		
4044	2011	Northern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4045	2011	Northern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.95	8	72.73	0	152932	6603.20	5.00	116	42.60	46	10.40	11
4046	2011	Northern Windowpane	Ruhle Trawl	Tri-State Sector																		
4047	2011	Ocean Pout	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.01	0.00	0.55	121	32.79	10	1269498	152519.70	1040.00	8656	241.80	448	28.70	62
4048	2011	Ocean Pout	Bottom Longline	Maine Coast Community Sector																		
4049	2011	Ocean Pout	Bottom Longline	NCCS																		
4050	2011	Ocean Pout	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.30	10	29.41	0	49858	17254.90	76.00	220	14.70	34	4.40	10

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4051	2011	Ocean Pout	Bottom Longline	NEFS 11																		
4052	2011	Ocean Pout	Bottom Longline	NEFS 12																		
4053	2011	Ocean Pout	Bottom Longline	NEFS 13																		
4054	2011	Ocean Pout	Bottom Longline	NEFS 2																		
4055	2011	Ocean Pout	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.19	38	12.97	0	298479	79608.30	133.00	499	140.80	308	38.80	81
4056	2011	Ocean Pout	Bottom Longline	NEFS 5																		
4057	2011	Ocean Pout	Bottom Longline	NEFS 6																		
4058	2011	Ocean Pout	Bottom Longline	NEFS 7																		
4059	2011	Ocean Pout	Bottom Longline	NEFS 8																		
4060	2011	Ocean Pout	Bottom Longline	NEFS 9																		
4061	2011	Ocean Pout	Bottom Longline	Port Clyde Community Groundfish Sector																		
4062	2011	Ocean Pout	Bottom Longline	Sustainable Harvest Sector 1																		
4063	2011	Ocean Pout	Bottom Longline	Tri-State Sector																		
4064	2011	Ocean Pout	Bottom Otter Trawl	Fixed Gear Sector																		
4065	2011	Ocean Pout	Bottom Otter Trawl	Maine Coast Community Sector																		
4066	2011	Ocean Pout	Bottom Otter Trawl	NCCS																		
4067	2011	Ocean Pout	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.20	86	15.99	0	1690509	440369.40	1175.00	4511	290.90	584	79.60	170
4068	2011	Ocean Pout	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.46	72	49.32	0	311558	74652.00	60.00	250	72.90	157	21.90	47
4069	2011	Ocean Pout	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.51	76	54.29	0	177907	54104.20	10.00	33	61.20	143	20.40	42
4070	2011	Ocean Pout	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.29	128	23.57	0	5651557	1951213.70	5981.00	17324	1290.10	1474	496.90	562
4071	2011	Ocean Pout	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.10	83	3.36	0	12296414	3254352.90	1642.00	6204	2303.70	3433	707.70	1001
4072	2011	Ocean Pout	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	0	53664	4363.00	0.00	0	15.90	28	1.40	2
4073	2011	Ocean Pout	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.01	0.00	0.23	145	22.48	0	6189506	2065282.80	11993.00	35942	713.00	1031	256.80	371
4074	2011	Ocean Pout	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.33	50	23.15	0	3980042	1085318.40	1559.00	5717	611.90	673	226.50	247
4075	2011	Ocean Pout	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.35	58	26.73	0	2565524	842882.60	1094.00	3330	656.00	729	254.80	279
4076	2011	Ocean Pout	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.31	40	19.80	0	3265183	771702.50	2084.00	8818	794.30	846	273.70	292
4077	2011	Ocean Pout	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.15	37	5.12	0	13236959	3431257.40	6773.00	26129	2594.80	2795	970.90	1047
4078	2011	Ocean Pout	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.84	124	77.99	0	499763	164841.10	3.00	9	259.60	339	92.10	117
4079	2011	Ocean Pout	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.16	101	6.73	0	23310625	6559250.50	2261.00	8035	4486.40	4939	1702.90	1862
4080	2011	Ocean Pout	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.83	12	80.00	0	420738	41397.50	29.00	295	96.40	104	17.40	19
4081	2011	Ocean Pout	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.00	0	0.00	0	7890632	2045826.40	0.00	0	565.30	1478	150.30	394
4082	2011	Ocean Pout	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4083	2011	Ocean Pout	Extra Large Mesh Gillnet	NCCS																		
4084	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	0	412304	169256.30	0.00	0	107.50	175	59.70	90
4085	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.00	0	0.00	0	668560	152866.60	0.00	0	81.10	204	38.70	84
4086	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 12																		
4087	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 13																		
4088	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 2																		
4089	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.82	406	79.14	0	1669677	331562.90	2.00	10	354.60	651	103.30	200
4090	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 5																		
4091	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 6																		
4092	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.00	0	0.00	0	1092447	343227.40	0.00	0	173.90	267	69.70	97
4093	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 8																		
4094	2011	Ocean Pout	Extra Large Mesh Gillnet	NEFS 9																		
4095	2011	Ocean Pout	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4096	2011	Ocean Pout	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4097	2011	Ocean Pout	Extra Large Mesh Gillnet	Tri-State Sector																		
4098	2011	Ocean Pout	Haddock Otter Trawl	Fixed Gear Sector																		
4099	2011	Ocean Pout	Haddock Otter Trawl	Maine Coast Community Sector																		
4100	2011	Ocean Pout	Haddock Otter Trawl	NCCS																		
4101	2011	Ocean Pout	Haddock Otter Trawl	NEFS 10																		
4102	2011	Ocean Pout	Haddock Otter Trawl	NEFS 11																		
4103	2011	Ocean Pout	Haddock Otter Trawl	NEFS 12																		
4104	2011	Ocean Pout	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	0.00	0	0.00	0	61728	2195.60	0.00	0	70.10	75	11.50	12
4105	2011	Ocean Pout	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.27	10	50.00	0	258754	185171.60	125.00	175	124.80	136	72.50	78
4106	2011	Ocean Pout	Haddock Otter Trawl	NEFS 3																		
4107	2011	Ocean Pout	Haddock Otter Trawl	NEFS 5																		
4108	2011	Ocean Pout	Haddock Otter Trawl	NEFS 6																		
4109	2011	Ocean Pout	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.11	1	9.09	0	53451	9349.60	43.00	246	73.30	79	31.50	34
4110	2011	Ocean Pout	Haddock Otter Trawl	NEFS 8																		
4111	2011	Ocean Pout	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.46	15	34.09	0	457000	113328.20	233.00	940	148.50	158	47.40	51
4112	2011	Ocean Pout	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4113	2011	Ocean Pout	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.40	63	38.18	0	2584464	1158779.00	356.00	794	707.90	754	296.20	316
4114	2011	Ocean Pout	Haddock Otter Trawl	Tri-State Sector																		
4115	2011	Ocean Pout	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
4116	2011	Ocean Pout	Handline	Maine Coast Community Sector																		
4117	2011	Ocean Pout	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
4118	2011	Ocean Pout	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
4119	2011	Ocean Pout	Handline	NEFS 11																		
4120	2011	Ocean Pout	Handline	NEFS 12																		
4121	2011	Ocean Pout	Handline	NEFS 13																		
4122	2011	Ocean Pout	Handline	NEFS 2																		
4123	2011	Ocean Pout	Handline	NEFS 3																		
4124	2011	Ocean Pout	Handline	NEFS 5																		
4125	2011	Ocean Pout	Handline	NEFS 6																		
4126	2011	Ocean Pout	Handline	NEFS 7																		
4127	2011	Ocean Pout	Handline	NEFS 8																		
4128	2011	Ocean Pout	Handline	NEFS 9																		
4129	2011	Ocean Pout	Handline	Port Clyde Community Groundfish Sector																		
4130	2011	Ocean Pout	Handline	Sustainable Harvest Sector 1																		
4131	2011	Ocean Pout	Handline	Tri-State Sector																		
4132	2011	Ocean Pout	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.65	531	66.13	0	2307839	595528.00	11.00	43	280.80	819	83.30	236
4133	2011	Ocean Pout	Large Mesh Gillnet	Maine Coast Community Sector																		
4134	2011	Ocean Pout	Large Mesh Gillnet	NCCS																		
4135	2011	Ocean Pout	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.31	153	42.03	0	1139521	444970.30	66.00	169	302.00	508	105.20	193
4136	2011	Ocean Pout	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.87	952	73.29	0	4076694	932163.20	1.00	4	481.80	1332	128.90	326
4137	2011	Ocean Pout	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.00	0	0.00	0	1102911	231008.30	0.00	0	385.70	438	80.40	93
4138	2011	Ocean Pout	Large Mesh Gillnet	NEFS 13																		
4139	2011	Ocean Pout	Large Mesh Gillnet	NEFS 2																		
4140	2011	Ocean Pout	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.24	535	25.08	0	3531995	1122435.60	53.00	167	810.80	2170	289.50	732

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4141	2011	Ocean Pout	Large Mesh Gillnet	NEFS 5																		
4142	2011	Ocean Pout	Large Mesh Gillnet	NEFS 6																		
4143	2011	Ocean Pout	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.00	0	0.00	0	64534	41154.30	0.00	0	49.50	57	32.90	37
4144	2011	Ocean Pout	Large Mesh Gillnet	NEFS 8																		
4145	2011	Ocean Pout	Large Mesh Gillnet	NEFS 9																		
4146	2011	Ocean Pout	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.00	0	0.00	0	1857095	452719.70	0.00	0	412.20	740	101.90	182
4147	2011	Ocean Pout	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.00	0	0.00	0	894379	334188.20	0.00	0	369.50	429	133.30	152
4148	2011	Ocean Pout	Large Mesh Gillnet	Tri-State Sector																		
4149	2011	Ocean Pout	Ruhle Trawl	Fixed Gear Sector																		
4150	2011	Ocean Pout	Ruhle Trawl	Maine Coast Community Sector																		
4151	2011	Ocean Pout	Ruhle Trawl	NCCS																		
4152	2011	Ocean Pout	Ruhle Trawl	NEFS 10																		
4153	2011	Ocean Pout	Ruhle Trawl	NEFS 11																		
4154	2011	Ocean Pout	Ruhle Trawl	NEFS 12																		
4155	2011	Ocean Pout	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	1.04	40	71.43	0	804866	142583.50	121.00	683	285.30	308	63.90	68
4156	2011	Ocean Pout	Ruhle Trawl	NEFS 2																		
4157	2011	Ocean Pout	Ruhle Trawl	NEFS 3																		
4158	2011	Ocean Pout	Ruhle Trawl	NEFS 5	4	5	0	0.00						0	52344	0.00	0.00		23.30	24	0.00	0
4159	2011	Ocean Pout	Ruhle Trawl	NEFS 6																		
4160	2011	Ocean Pout	Ruhle Trawl	NEFS 7																		
4161	2011	Ocean Pout	Ruhle Trawl	NEFS 8																		
4162	2011	Ocean Pout	Ruhle Trawl	NEFS 9																		
4163	2011	Ocean Pout	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4164	2011	Ocean Pout	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	0	152932	6603.20	0.00	0	42.60	46	10.40	11
4165	2011	Ocean Pout	Ruhle Trawl	Tri-State Sector																		
4166	2011	Plaice	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.64	149	40.38	30	1269498	152519.70	2.00	17	241.80	448	28.70	62
4167	2011	Plaice	Bottom Longline	Maine Coast Community Sector																		
4168	2011	Plaice	Bottom Longline	NCCS																		
4169	2011	Plaice	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
4170	2011	Plaice	Bottom Longline	NEFS 11																		
4171	2011	Plaice	Bottom Longline	NEFS 12																		
4172	2011	Plaice	Bottom Longline	NEFS 13																		
4173	2011	Plaice	Bottom Longline	NEFS 2																		
4174	2011	Plaice	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.86	219	74.74	1	298479	79608.30	1.00	4	140.80	308	38.80	81
4175	2011	Plaice	Bottom Longline	NEFS 5																		
4176	2011	Plaice	Bottom Longline	NEFS 6																		
4177	2011	Plaice	Bottom Longline	NEFS 7																		
4178	2011	Plaice	Bottom Longline	NEFS 8																		
4179	2011	Plaice	Bottom Longline	NEFS 9																		
4180	2011	Plaice	Bottom Longline	Port Clyde Community Groundfish Sector																		
4181	2011	Plaice	Bottom Longline	Sustainable Harvest Sector 1																		
4182	2011	Plaice	Bottom Longline	Tri-State Sector																		
4183	2011	Plaice	Bottom Otter Trawl	Fixed Gear Sector																		
4184	2011	Plaice	Bottom Otter Trawl	Maine Coast Community Sector																		
4185	2011	Plaice	Bottom Otter Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4186	2011	Plaice	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.01	0.00	0.12	36	6.69	17102	1690509	440369.40	3084.00	11839	290.90	584	79.60	170
4187	2011	Plaice	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.01	0.00	0.21	26	17.81	12095	311558	74652.00	924.00	3856	72.90	157	21.90	47
4188	2011	Plaice	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.02	0.00	0.24	28	20.00	10043	177907	54104.20	875.00	2877	61.20	143	20.40	42
4189	2011	Plaice	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.23	88	16.21	127995	5672861	1951213.70	3132.00	9106	1290.10	1474	496.90	562
4190	2011	Plaice	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.01	0.00	0.09	65	2.63	372226	12310854	3254352.90	27090.00	102478	2303.70	3433	707.70	1001
4191	2011	Plaice	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.01	0.00	1.64	18	75.00	419	53664	4363.00	35.00	430	15.90	28	1.40	2
4192	2011	Plaice	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.61	433	67.13	20101	6189506	2065282.80	981.00	2940	713.00	1031	256.80	371
4193	2011	Plaice	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.22	26	12.04	181562	3980042	1085318.40	3018.00	11068	611.90	673	226.50	247
4194	2011	Plaice	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.01	0.00	0.18	19	8.76	158110	2597820	842882.60	5899.00	18181	656.00	729	254.80	279
4195	2011	Plaice	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.24	26	12.87	86260	3265183	771702.50	3192.00	13506	794.30	846	273.70	292
4196	2011	Plaice	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.01	0.00	0.12	25	3.46	429281	13236959	3431257.40	21303.00	82182	2594.80	2795	970.90	1047
4197	2011	Plaice	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.02	0.00	0.17	21	13.21	51216	499763	164841.10	3276.00	9932	259.60	339	92.10	117
4198	2011	Plaice	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.01	0.00	0.07	25	1.67	1630740	23408974	6559250.50	45757.00	163300	4486.40	4939	1702.90	1862
4199	2011	Plaice	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.61	10	66.67	12037	420738	41397.50	47.00	478	96.40	104	17.40	19
4200	2011	Plaice	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.00	0	0.00	16	7890632	2045826.40	0.00	0	565.30	1478	150.30	394
4201	2011	Plaice	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4202	2011	Plaice	Extra Large Mesh Gillnet	NCCS																		
4203	2011	Plaice	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	2	412304	169256.30	0.00	0	107.50	175	59.70	90
4204	2011	Plaice	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.36	102	50.50	297	668560	152866.60	11.00	48	81.10	204	38.70	84
4205	2011	Plaice	Extra Large Mesh Gillnet	NEFS 12																		
4206	2011	Plaice	Extra Large Mesh Gillnet	NEFS 13																		
4207	2011	Plaice	Extra Large Mesh Gillnet	NEFS 2																		
4208	2011	Plaice	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.47	283	55.17	1152	1669677	331562.90	11.00	55	354.60	651	103.30	200
4209	2011	Plaice	Extra Large Mesh Gillnet	NEFS 5																		
4210	2011	Plaice	Extra Large Mesh Gillnet	NEFS 6																		
4211	2011	Plaice	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.00	0	0.00	0	1092447	343227.40	0.00	0	173.90	267	69.70	97
4212	2011	Plaice	Extra Large Mesh Gillnet	NEFS 8																		
4213	2011	Plaice	Extra Large Mesh Gillnet	NEFS 9																		
4214	2011	Plaice	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4215	2011	Plaice	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4216	2011	Plaice	Extra Large Mesh Gillnet	Tri-State Sector																		
4217	2011	Plaice	Haddock Otter Trawl	Fixed Gear Sector																		
4218	2011	Plaice	Haddock Otter Trawl	Maine Coast Community Sector																		
4219	2011	Plaice	Haddock Otter Trawl	NCCS																		
4220	2011	Plaice	Haddock Otter Trawl	NEFS 10																		
4221	2011	Plaice	Haddock Otter Trawl	NEFS 11																		
4222	2011	Plaice	Haddock Otter Trawl	NEFS 12																		
4223	2011	Plaice	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	0.34	3	27.27	0	61728	2195.60	8.00	225	70.10	75	11.50	12
4224	2011	Plaice	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.29	11	55.00	5867	277473	185171.60	210.00	315	124.80	136	72.50	78
4225	2011	Plaice	Haddock Otter Trawl	NEFS 3																		
4226	2011	Plaice	Haddock Otter Trawl	NEFS 5																		
4227	2011	Plaice	Haddock Otter Trawl	NEFS 6																		
4228	2011	Plaice	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.99	10	90.91	959	57281	9349.60	31.00	190	73.30	79	31.50	34
4229	2011	Plaice	Haddock Otter Trawl	NEFS 8																		
4230	2011	Plaice	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.76	26	59.09	20238	457000	113328.20	406.00	1637	148.50	158	47.40	51

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4231	2011	Plaice	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4232	2011	Plaice	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.24	31	18.79	27141	2666321	1158779.00	1468.00	3378	707.90	754	296.20	316
4233	2011	Plaice	Haddock Otter Trawl	Tri-State Sector																		
4234	2011	Plaice	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
4235	2011	Plaice	Handline	Maine Coast Community Sector																		
4236	2011	Plaice	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
4237	2011	Plaice	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
4238	2011	Plaice	Handline	NEFS 11																		
4239	2011	Plaice	Handline	NEFS 12																		
4240	2011	Plaice	Handline	NEFS 13																		
4241	2011	Plaice	Handline	NEFS 2																		
4242	2011	Plaice	Handline	NEFS 3																		
4243	2011	Plaice	Handline	NEFS 5																		
4244	2011	Plaice	Handline	NEFS 6																		
4245	2011	Plaice	Handline	NEFS 7																		
4246	2011	Plaice	Handline	NEFS 8																		
4247	2011	Plaice	Handline	NEFS 9																		
4248	2011	Plaice	Handline	Port Clyde Community Groundfish Sector																		
4249	2011	Plaice	Handline	Sustainable Harvest Sector 1																		
4250	2011	Plaice	Handline	Tri-State Sector																		
4251	2011	Plaice	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.18	101	12.58	699	2307839	595528.00	42.00	163	280.80	819	83.30	236
4252	2011	Plaice	Large Mesh Gillnet	Maine Coast Community Sector																		
4253	2011	Plaice	Large Mesh Gillnet	NCCS																		
4254	2011	Plaice	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.19	78	21.43	962	1139521	444970.30	85.00	218	302.00	508	105.20	193
4255	2011	Plaice	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.10	43	3.31	5076	4076694	932163.20	473.00	2069	481.80	1332	128.90	326
4256	2011	Plaice	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.27	19	19.19	116	1102911	231008.30	32.00	153	385.70	438	80.40	93
4257	2011	Plaice	Large Mesh Gillnet	NEFS 13																		
4258	2011	Plaice	Large Mesh Gillnet	NEFS 2																		
4259	2011	Plaice	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.11	146	6.84	5662	3531995	1122435.60	623.00	1960	810.80	2170	289.50	732
4260	2011	Plaice	Large Mesh Gillnet	NEFS 5																		
4261	2011	Plaice	Large Mesh Gillnet	NEFS 6																		
4262	2011	Plaice	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.67	13	86.67	13	64534	41154.30	2.00	3	49.50	57	32.90	37
4263	2011	Plaice	Large Mesh Gillnet	NEFS 8																		
4264	2011	Plaice	Large Mesh Gillnet	NEFS 9																		
4265	2011	Plaice	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.11	25	4.48	2427	1857095	452719.70	316.00	1296	412.20	740	101.90	182
4266	2011	Plaice	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.25	25	22.12	300	894379	334188.20	88.00	236	369.50	429	133.30	152
4267	2011	Plaice	Large Mesh Gillnet	Tri-State Sector																		
4268	2011	Plaice	Ruhle Trawl	Fixed Gear Sector																		
4269	2011	Plaice	Ruhle Trawl	Maine Coast Community Sector																		
4270	2011	Plaice	Ruhle Trawl	NCCS																		
4271	2011	Plaice	Ruhle Trawl	NEFS 10																		
4272	2011	Plaice	Ruhle Trawl	NEFS 11																		
4273	2011	Plaice	Ruhle Trawl	NEFS 12																		
4274	2011	Plaice	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.00	0	0.00	6164	806492	142583.50	0.00	0	285.30	308	63.90	68
4275	2011	Plaice	Ruhle Trawl	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4276	2011	Plaice	Ruhle Trawl	NEFS 3																		
4277	2011	Plaice	Ruhle Trawl	NEFS 5	4	5	0	0.00						25	52344	0.00	0.00		23.30	24	0.00	0
4278	2011	Plaice	Ruhle Trawl	NEFS 6																		
4279	2011	Plaice	Ruhle Trawl	NEFS 7																		
4280	2011	Plaice	Ruhle Trawl	NEFS 8																		
4281	2011	Plaice	Ruhle Trawl	NEFS 9																		
4282	2011	Plaice	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4283	2011	Plaice	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	9845	152932	6603.20	0.00	0	42.60	46	10.40	11
4284	2011	Plaice	Ruhle Trawl	Tri-State Sector																		
4285	2011	Pollock	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.48	102	27.64	9864	1269498	152519.70	10.00	83	241.80	448	28.70	62
4286	2011	Pollock	Bottom Longline	Maine Coast Community Sector																		
4287	2011	Pollock	Bottom Longline	NCCS																		
4288	2011	Pollock	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.66	23	67.65	209	49858	17254.90	3.00	9	14.70	34	4.40	10
4289	2011	Pollock	Bottom Longline	NEFS 11																		
4290	2011	Pollock	Bottom Longline	NEFS 12																		
4291	2011	Pollock	Bottom Longline	NEFS 13																		
4292	2011	Pollock	Bottom Longline	NEFS 2																		
4293	2011	Pollock	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.41	117	39.93	2091	298479	79608.30	160.00	600	140.80	308	38.80	81
4294	2011	Pollock	Bottom Longline	NEFS 5																		
4295	2011	Pollock	Bottom Longline	NEFS 6																		
4296	2011	Pollock	Bottom Longline	NEFS 7																		
4297	2011	Pollock	Bottom Longline	NEFS 8																		
4298	2011	Pollock	Bottom Longline	NEFS 9																		
4299	2011	Pollock	Bottom Longline	Port Clyde Community Groundfish Sector																		
4300	2011	Pollock	Bottom Longline	Sustainable Harvest Sector 1																		
4301	2011	Pollock	Bottom Longline	Tri-State Sector																		
4302	2011	Pollock	Bottom Otter Trawl	Fixed Gear Sector																		
4303	2011	Pollock	Bottom Otter Trawl	Maine Coast Community Sector																		
4304	2011	Pollock	Bottom Otter Trawl	NCCS																		
4305	2011	Pollock	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.00	0	0.00	67658	1690509	440369.40	0.00	0	290.90	584	79.60	170
4306	2011	Pollock	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.00	0	0.00	31031	311558	74652.00	0.00	0	72.90	157	21.90	47
4307	2011	Pollock	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.48	71	50.71	4594	177907	54104.20	24.00	79	61.20	143	20.40	42
4308	2011	Pollock	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.44	225	41.44	196729	5670189	1951213.70	56.00	163	1290.10	1474	496.90	562
4309	2011	Pollock	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.16	185	7.50	3325752	12310854	3254352.90	3829.00	14485	2303.70	3433	707.70	1001
4310	2011	Pollock	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	344	53664	4363.00	0.00	0	15.90	28	1.40	2
4311	2011	Pollock	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.81	505	78.29	1186	6189506	2065282.80	2.00	6	713.00	1031	256.80	371
4312	2011	Pollock	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.28	39	18.06	674466	3980042	1085318.40	624.00	2288	611.90	673	226.50	247
4313	2011	Pollock	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.63	117	53.92	17623	2565524	842882.60	5.00	15	656.00	729	254.80	279
4314	2011	Pollock	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.38	54	26.73	75326	3265183	771702.50	50.00	212	794.30	846	273.70	292
4315	2011	Pollock	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.26	104	14.40	1325102	13236959	3431257.40	1260.00	4861	2594.80	2795	970.90	1047
4316	2011	Pollock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.00	0	0.00	42883	499763	164841.10	0.00	0	259.60	339	92.10	117
4317	2011	Pollock	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.25	244	16.27	5003235	23454411	6559250.50	10830.00	38726	4486.40	4939	1702.90	1862
4318	2011	Pollock	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	1.14	13	86.67	206	420738	41397.50	19.00	193	96.40	104	17.40	19
4319	2011	Pollock	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.31	362	28.39	1326	7890632	2045826.40	56.00	216	565.30	1478	150.30	394
4320	2011	Pollock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4321	2011	Pollock	Extra Large Mesh Gillnet	NCCS																		
4322	2011	Pollock	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.27	56	46.67	54	412304	169256.30	89.00	217	107.50	175	59.70	90
4323	2011	Pollock	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.20	50	24.75	9171	668560	152866.60	508.00	2222	81.10	204	38.70	84
4324	2011	Pollock	Extra Large Mesh Gillnet	NEFS 12																		
4325	2011	Pollock	Extra Large Mesh Gillnet	NEFS 13																		
4326	2011	Pollock	Extra Large Mesh Gillnet	NEFS 2																		
4327	2011	Pollock	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.20	95	18.52	17204	1669677	331562.90	618.00	3112	354.60	651	103.30	200
4328	2011	Pollock	Extra Large Mesh Gillnet	NEFS 5																		
4329	2011	Pollock	Extra Large Mesh Gillnet	NEFS 6																		
4330	2011	Pollock	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.52	103	53.09	266	1092447	343227.40	168.00	535	173.90	267	69.70	97
4331	2011	Pollock	Extra Large Mesh Gillnet	NEFS 8																		
4332	2011	Pollock	Extra Large Mesh Gillnet	NEFS 9																		
4333	2011	Pollock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4334	2011	Pollock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4335	2011	Pollock	Extra Large Mesh Gillnet	Tri-State Sector																		
4336	2011	Pollock	Haddock Otter Trawl	Fixed Gear Sector																		
4337	2011	Pollock	Haddock Otter Trawl	Maine Coast Community Sector																		
4338	2011	Pollock	Haddock Otter Trawl	NCCS																		
4339	2011	Pollock	Haddock Otter Trawl	NEFS 10																		
4340	2011	Pollock	Haddock Otter Trawl	NEFS 11																		
4341	2011	Pollock	Haddock Otter Trawl	NEFS 12																		
4342	2011	Pollock	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	0.00	0	0.00	7295	61728	2195.60	0.00	0	70.10	75	11.50	12
4343	2011	Pollock	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.59	17	85.00	58273	277473	185171.60	47.00	70	124.80	136	72.50	78
4344	2011	Pollock	Haddock Otter Trawl	NEFS 3																		
4345	2011	Pollock	Haddock Otter Trawl	NEFS 5																		
4346	2011	Pollock	Haddock Otter Trawl	NEFS 6																		
4347	2011	Pollock	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	28	53451	9349.60	0.00	0	73.30	79	31.50	34
4348	2011	Pollock	Haddock Otter Trawl	NEFS 8																		
4349	2011	Pollock	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.88	29	65.91	90054	457000	113328.20	7.00	28	148.50	158	47.40	51
4350	2011	Pollock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4351	2011	Pollock	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.32	47	28.48	349187	2683805	1158779.00	3370.00	7805	707.90	754	296.20	316
4352	2011	Pollock	Haddock Otter Trawl	Tri-State Sector																		
4353	2011	Pollock	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	14829	153649	39442.50	0.00	0	57.20	117	17.30	43
4354	2011	Pollock	Handline	Maine Coast Community Sector																		
4355	2011	Pollock	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.90	22	84.62	1376	18542	6504.80	3.00	9	12.00	26	4.40	9
4356	2011	Pollock	Handline	NEFS 10	3	20	1	5.00	0.00					189	17388	511.50	0.00	0	8.60	20	0.50	1
4357	2011	Pollock	Handline	NEFS 11																		
4358	2011	Pollock	Handline	NEFS 12																		
4359	2011	Pollock	Handline	NEFS 13																		
4360	2011	Pollock	Handline	NEFS 2																		
4361	2011	Pollock	Handline	NEFS 3																		
4362	2011	Pollock	Handline	NEFS 5																		
4363	2011	Pollock	Handline	NEFS 6																		
4364	2011	Pollock	Handline	NEFS 7																		
4365	2011	Pollock	Handline	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4366	2011	Pollock	Handline	NEFS 9																		
4367	2011	Pollock	Handline	Port Clyde Community Groundfish Sector																		
4368	2011	Pollock	Handline	Sustainable Harvest Sector 1																		
4369	2011	Pollock	Handline	Tri-State Sector																		
4370	2011	Pollock	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.01	0.00	0.16	81	10.09	313113	2307839	595528.00	4805.00	18621	280.80	819	83.30	236
4371	2011	Pollock	Large Mesh Gillnet	Maine Coast Community Sector																		
4372	2011	Pollock	Large Mesh Gillnet	NCCS																		
4373	2011	Pollock	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.01	0.00	0.27	134	36.81	244480	1139521	444970.30	4545.00	11639	302.00	508	105.20	193
4374	2011	Pollock	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.01	0.00	0.24	225	17.32	1626479	4076694	932163.20	5871.00	25676	481.80	1332	128.90	326
4375	2011	Pollock	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.04	0.00	0.16	8	8.08	762285	1102911	231008.30	10189.00	48646	385.70	438	80.40	93
4376	2011	Pollock	Large Mesh Gillnet	NEFS 13																		
4377	2011	Pollock	Large Mesh Gillnet	NEFS 2																		
4378	2011	Pollock	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.01	0.00	0.27	640	30.00	811120	3531995	1122435.60	7383.00	23232	810.80	2170	289.50	732
4379	2011	Pollock	Large Mesh Gillnet	NEFS 5																		
4380	2011	Pollock	Large Mesh Gillnet	NEFS 6																		
4381	2011	Pollock	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.04	0.00	0.24	7	46.67	25878	64534	41154.30	1521.00	2385	49.50	57	32.90	37
4382	2011	Pollock	Large Mesh Gillnet	NEFS 8																		
4383	2011	Pollock	Large Mesh Gillnet	NEFS 9																		
4384	2011	Pollock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.01	0.00	0.12	32	5.73	855741	1857095	452719.70	5667.00	23247	412.20	740	101.90	182
4385	2011	Pollock	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.02	0.00	0.18	15	13.27	466459	894379	334188.20	5344.00	14302	369.50	429	133.30	152
4386	2011	Pollock	Large Mesh Gillnet	Tri-State Sector																		
4387	2011	Pollock	Ruhle Trawl	Fixed Gear Sector																		
4388	2011	Pollock	Ruhle Trawl	Maine Coast Community Sector																		
4389	2011	Pollock	Ruhle Trawl	NCCS																		
4390	2011	Pollock	Ruhle Trawl	NEFS 10																		
4391	2011	Pollock	Ruhle Trawl	NEFS 11																		
4392	2011	Pollock	Ruhle Trawl	NEFS 12																		
4393	2011	Pollock	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.67	28	50.00	14929	806639	142583.50	8.00	45	285.30	308	63.90	68
4394	2011	Pollock	Ruhle Trawl	NEFS 2																		
4395	2011	Pollock	Ruhle Trawl	NEFS 3																		
4396	2011	Pollock	Ruhle Trawl	NEFS 5	4	5	0	0.00						597	52344	0.00	0.00		23.30	24	0.00	0
4397	2011	Pollock	Ruhle Trawl	NEFS 6																		
4398	2011	Pollock	Ruhle Trawl	NEFS 7																		
4399	2011	Pollock	Ruhle Trawl	NEFS 8																		
4400	2011	Pollock	Ruhle Trawl	NEFS 9																		
4401	2011	Pollock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4402	2011	Pollock	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	11545	152932	6603.20	0.00	0	42.60	46	10.40	11
4403	2011	Pollock	Ruhle Trawl	Tri-State Sector																		
4404	2011	Redfish	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.00	0	0.00	1574	1269498	152519.70	0.00	0	241.80	448	28.70	62
4405	2011	Redfish	Bottom Longline	Maine Coast Community Sector																		
4406	2011	Redfish	Bottom Longline	NCCS																		
4407	2011	Redfish	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	3	49858	17254.90	0.00	0	14.70	34	4.40	10
4408	2011	Redfish	Bottom Longline	NEFS 11																		
4409	2011	Redfish	Bottom Longline	NEFS 12																		
4410	2011	Redfish	Bottom Longline	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4411	2011	Redfish	Bottom Longline	NEFS 2																		
4412	2011	Redfish	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.34	94	32.08	99	298479	79608.30	20.00	75	140.80	308	38.80	81
4413	2011	Redfish	Bottom Longline	NEFS 5																		
4414	2011	Redfish	Bottom Longline	NEFS 6																		
4415	2011	Redfish	Bottom Longline	NEFS 7																		
4416	2011	Redfish	Bottom Longline	NEFS 8																		
4417	2011	Redfish	Bottom Longline	NEFS 9																		
4418	2011	Redfish	Bottom Longline	Port Clyde Community Groundfish Sector																		
4419	2011	Redfish	Bottom Longline	Sustainable Harvest Sector 1																		
4420	2011	Redfish	Bottom Longline	Tri-State Sector																		
4421	2011	Redfish	Bottom Otter Trawl	Fixed Gear Sector																		
4422	2011	Redfish	Bottom Otter Trawl	Maine Coast Community Sector																		
4423	2011	Redfish	Bottom Otter Trawl	NCCS																		
4424	2011	Redfish	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.35	200	37.17	649	1690509	440369.40	134.00	514	290.90	584	79.60	170
4425	2011	Redfish	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.62	94	64.38	237	311558	74652.00	74.00	309	72.90	157	21.90	47
4426	2011	Redfish	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.50	74	52.86	154	177907	54104.20	91.00	299	61.20	143	20.40	42
4427	2011	Redfish	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.24	94	17.31	75906	5651557	1951213.70	2004.00	5804	1290.10	1474	496.90	562
4428	2011	Redfish	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.01	0.00	0.14	151	6.12	954129	12310854	3254352.90	21441.00	81109	2303.70	3433	707.70	1001
4429	2011	Redfish	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	18	53664	4363.00	0.00	0	15.90	28	1.40	2
4430	2011	Redfish	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.00	0	0.00	15	6189506	2065282.80	0.00	0	713.00	1031	256.80	371
4431	2011	Redfish	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.23	27	12.50	610693	3980042	1085318.40	3236.00	11867	611.90	673	226.50	247
4432	2011	Redfish	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.53	99	45.62	2890	2565524	842882.60	416.00	1266	656.00	729	254.80	279
4433	2011	Redfish	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.33	43	21.29	21362	3265183	771702.50	634.00	2683	794.30	846	273.70	292
4434	2011	Redfish	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.20	66	9.14	677023	13236959	3431257.40	13988.00	53962	2594.80	2795	970.90	1047
4435	2011	Redfish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.21	28	17.61	8071	499763	164841.10	334.00	1013	259.60	339	92.10	117
4436	2011	Redfish	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.01	0.00	0.15	90	6.00	2989323	23366673	6559250.50	62806.00	223740	4486.40	4939	1702.90	1862
4437	2011	Redfish	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.00	0	0.00	0	420738	41397.50	0.00	0	96.40	104	17.40	19
4438	2011	Redfish	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.86	957	75.06	118	7890632	2045826.40	1.00	4	565.30	1478	150.30	394
4439	2011	Redfish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4440	2011	Redfish	Extra Large Mesh Gillnet	NCCS																		
4441	2011	Redfish	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	1	412304	169256.30	0.00	0	107.50	175	59.70	90
4442	2011	Redfish	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.57	146	72.28	50	668560	152866.60	3.00	13	81.10	204	38.70	84
4443	2011	Redfish	Extra Large Mesh Gillnet	NEFS 12																		
4444	2011	Redfish	Extra Large Mesh Gillnet	NEFS 13																		
4445	2011	Redfish	Extra Large Mesh Gillnet	NEFS 2																		
4446	2011	Redfish	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.00	0	0.00	35	1669677	331562.90	0.00	0	354.60	651	103.30	200
4447	2011	Redfish	Extra Large Mesh Gillnet	NEFS 5																		
4448	2011	Redfish	Extra Large Mesh Gillnet	NEFS 6																		
4449	2011	Redfish	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.00	0	0.00	0	1092447	343227.40	0.00	0	173.90	267	69.70	97
4450	2011	Redfish	Extra Large Mesh Gillnet	NEFS 8																		
4451	2011	Redfish	Extra Large Mesh Gillnet	NEFS 9																		
4452	2011	Redfish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4453	2011	Redfish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4454	2011	Redfish	Extra Large Mesh Gillnet	Tri-State Sector																		
4455	2011	Redfish	Haddock Otter Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4456	2011	Redfish	Haddock Otter Trawl	Maine Coast Community Sector																		
4457	2011	Redfish	Haddock Otter Trawl	NCCS																		
4458	2011	Redfish	Haddock Otter Trawl	NEFS 10																		
4459	2011	Redfish	Haddock Otter Trawl	NEFS 11																		
4460	2011	Redfish	Haddock Otter Trawl	NEFS 12																		
4461	2011	Redfish	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.01	0.00	0.34	3	27.27	284	61728	2195.60	23.00	647	70.10	75	11.50	12
4462	2011	Redfish	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.01	0.00	0.37	13	65.00	27667	277473	185171.60	1756.00	2631	124.80	136	72.50	78
4463	2011	Redfish	Haddock Otter Trawl	NEFS 3																		
4464	2011	Redfish	Haddock Otter Trawl	NEFS 5																		
4465	2011	Redfish	Haddock Otter Trawl	NEFS 6																		
4466	2011	Redfish	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	0	53451	9349.60	0.00	0	73.30	79	31.50	34
4467	2011	Redfish	Haddock Otter Trawl	NEFS 8																		
4468	2011	Redfish	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.73	26	59.09	23905	457000	113328.20	216.00	871	148.50	158	47.40	51
4469	2011	Redfish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4470	2011	Redfish	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.01	0.00	0.34	50	30.30	75212	2646372	1158779.00	10762.00	24578	707.90	754	296.20	316
4471	2011	Redfish	Haddock Otter Trawl	Tri-State Sector																		
4472	2011	Redfish	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	14	153649	39442.50	0.00	0	57.20	117	17.30	43
4473	2011	Redfish	Handline	Maine Coast Community Sector																		
4474	2011	Redfish	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	5	18542	6504.80	0.00	0	12.00	26	4.40	9
4475	2011	Redfish	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
4476	2011	Redfish	Handline	NEFS 11																		
4477	2011	Redfish	Handline	NEFS 12																		
4478	2011	Redfish	Handline	NEFS 13																		
4479	2011	Redfish	Handline	NEFS 2																		
4480	2011	Redfish	Handline	NEFS 3																		
4481	2011	Redfish	Handline	NEFS 5																		
4482	2011	Redfish	Handline	NEFS 6																		
4483	2011	Redfish	Handline	NEFS 7																		
4484	2011	Redfish	Handline	NEFS 8																		
4485	2011	Redfish	Handline	NEFS 9																		
4486	2011	Redfish	Handline	Port Clyde Community Groundfish Sector																		
4487	2011	Redfish	Handline	Sustainable Harvest Sector 1																		
4488	2011	Redfish	Handline	Tri-State Sector																		
4489	2011	Redfish	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.35	284	35.37	13811	2307839	595528.00	85.00	329	280.80	819	83.30	236
4490	2011	Redfish	Large Mesh Gillnet	Maine Coast Community Sector																		
4491	2011	Redfish	Large Mesh Gillnet	NCCS																		
4492	2011	Redfish	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.36	182	50.00	19095	1139521	444970.30	85.00	218	302.00	508	105.20	193
4493	2011	Redfish	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.20	164	12.63	9980	4076694	932163.20	263.00	1150	481.80	1332	128.90	326
4494	2011	Redfish	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.22	13	13.13	37768	1102911	231008.30	327.00	1561	385.70	438	80.40	93
4495	2011	Redfish	Large Mesh Gillnet	NEFS 13																		
4496	2011	Redfish	Large Mesh Gillnet	NEFS 2																		
4497	2011	Redfish	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.16	273	12.80	1827	3531995	1122435.60	118.00	371	810.80	2170	289.50	732
4498	2011	Redfish	Large Mesh Gillnet	NEFS 5																		
4499	2011	Redfish	Large Mesh Gillnet	NEFS 6																		
4500	2011	Redfish	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.25	7	46.67	430	64534	41154.30	11.00	17	49.50	57	32.90	37

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4501	2011	Redfish	Large Mesh Gillnet	NEFS 8																		
4502	2011	Redfish	Large Mesh Gillnet	NEFS 9																		
4503	2011	Redfish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.21	84	15.05	20398	1857095	452719.70	196.00	804	412.20	740	101.90	182
4504	2011	Redfish	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.31	33	29.20	20771	894379	334188.20	163.00	436	369.50	429	133.30	152
4505	2011	Redfish	Large Mesh Gillnet	Tri-State Sector																		
4506	2011	Redfish	Ruhle Trawl	Fixed Gear Sector																		
4507	2011	Redfish	Ruhle Trawl	Maine Coast Community Sector																		
4508	2011	Redfish	Ruhle Trawl	NCCS																		
4509	2011	Redfish	Ruhle Trawl	NEFS 10																		
4510	2011	Redfish	Ruhle Trawl	NEFS 11																		
4511	2011	Redfish	Ruhle Trawl	NEFS 12																		
4512	2011	Redfish	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.00	0	0.00	85	804866	142583.50	0.00	0	285.30	308	63.90	68
4513	2011	Redfish	Ruhle Trawl	NEFS 2																		
4514	2011	Redfish	Ruhle Trawl	NEFS 3																		
4515	2011	Redfish	Ruhle Trawl	NEFS 5	4	5	0	0.00						0	52344	0.00	0.00		23.30	24	0.00	0
4516	2011	Redfish	Ruhle Trawl	NEFS 6																		
4517	2011	Redfish	Ruhle Trawl	NEFS 7																		
4518	2011	Redfish	Ruhle Trawl	NEFS 8																		
4519	2011	Redfish	Ruhle Trawl	NEFS 9																		
4520	2011	Redfish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4521	2011	Redfish	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	320	152932	6603.20	0.00	0	42.60	46	10.40	11
4522	2011	Redfish	Ruhle Trawl	Tri-State Sector																		
4523	2011	SNE/MA Winter Flounder	Bottom Longline	Fixed Gear Sector	9	206	30	14.56	0.00	0.00	0.59	83	40.29	0	535891	85924.00	77.00	480	73.80	219	8.90	32
4524	2011	SNE/MA Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
4525	2011	SNE/MA Winter Flounder	Bottom Longline	NCCS																		
4526	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 10																		
4527	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 11																		
4528	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 12																		
4529	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 13																		
4530	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 2																		
4531	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 3																		
4532	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 5																		
4533	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 6																		
4534	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 7																		
4535	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 8																		
4536	2011	SNE/MA Winter Flounder	Bottom Longline	NEFS 9																		
4537	2011	SNE/MA Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
4538	2011	SNE/MA Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
4539	2011	SNE/MA Winter Flounder	Bottom Longline	Tri-State Sector																		
4540	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
4541	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
4542	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NCCS																		
4543	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 10	3	116	33	28.45	0.00	0.00	0.26	27	23.28	45	549385	137324.80	458.50	1834	63.70	122	18.30	33
4544	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 11																		
4545	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4546	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 13	47	321	108	33.64	0.01	0.00	0.17	44	13.71	1	2579060	990202.90	7075.50	18429	740.20	880	305.70	359
4547	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 2	13	213	81	38.03	0.00	0.00	0.45	125	58.69	1351	3415634	991395.50	231.00	796	1071.70	1182	408.70	449
4548	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 3																		
4549	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 5	44	626	208	33.23	0.01	0.00	0.09	25	3.99	263	5844330	1988565.80	22554.50	66287	625.10	941	235.00	348
4550	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 6	5	73	26	35.62	0.00	0.00	0.66	53	72.60	74	1762906	317108.30	278.00	1545	438.20	476	178.50	192
4551	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 7	14	86	22	25.58	0.02	0.00	0.40	34	39.53	0	509743	124652.20	1897.50	7759	371.50	422	81.90	94
4552	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 8	15	55	20	36.36	0.01	0.00	0.56	37	67.27	302	620710	206147.70	1606.00	4836	362.60	387	151.50	162
4553	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 9	41	245	88	35.92	0.02	0.00	0.36	111	45.31	798	3737640	920536.90	14612.00	59329	1578.90	1699	649.90	701
4554	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
4555	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	28	269	134	49.81	0.01	0.00	0.32	141	52.42	119	3487204	1081518.30	7947.00	25624	1605.20	1738	869.70	936
4556	2011	SNE/MA Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
4557	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	31	1271	343	26.99	0.00	0.00	0.56	715	56.25	1	7878917	2045826.40	24.00	92	563.90	1474	150.30	394
4558	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4559	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
4560	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	5	31	12	38.71	0.00	0.00	0.00	0	0.00	0	223214	94210.00	0.00	0	33.60	54	11.20	18
4561	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	6	141	23	16.31	0.00	0.00	0.00	0	0.00	0	526309	90002.80	0.00	0	60.00	143	11.10	23
4562	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
4563	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
4564	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
4565	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	14	153	28	18.30	0.00	0.00	0.00	0	0.00	0	819712	156861.40	0.00	0	151.90	235	29.80	45
4566	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
4567	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
4568	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	7	183	48	26.23	0.00	0.00	0.86	137	74.86	0	1050575	319944.00	1.00	3	129.30	217	42.70	67
4569	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
4570	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
4571	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4572	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4573	2011	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
4574	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
4575	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
4576	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NCCS																		
4577	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 10																		
4578	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 11																		
4579	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 12																		
4580	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 13																		
4581	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 2																		
4582	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 3																		
4583	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 5																		
4584	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 6																		
4585	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 7																		
4586	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 8																		
4587	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 9																		
4588	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4589	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	7	19	14	73.68	0.00	0.00	0.44	17	89.47	0	170153	74230.60	3.00	7	131.40	141	101.00	107
4590	2011	SNE/MA Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4591	2011	SNE/MA Winter Flounder	Handline	Fixed Gear Sector	4	99	32	32.32	0.00	0.00	0.00	0	0.00	0	153649	39311.00	0.00	0	57.20	117	10.50	34
4592	2011	SNE/MA Winter Flounder	Handline	Maine Coast Community Sector																		
4593	2011	SNE/MA Winter Flounder	Handline	NCCS																		
4594	2011	SNE/MA Winter Flounder	Handline	NEFS 10																		
4595	2011	SNE/MA Winter Flounder	Handline	NEFS 11																		
4596	2011	SNE/MA Winter Flounder	Handline	NEFS 12																		
4597	2011	SNE/MA Winter Flounder	Handline	NEFS 13																		
4598	2011	SNE/MA Winter Flounder	Handline	NEFS 2																		
4599	2011	SNE/MA Winter Flounder	Handline	NEFS 3																		
4600	2011	SNE/MA Winter Flounder	Handline	NEFS 5																		
4601	2011	SNE/MA Winter Flounder	Handline	NEFS 6																		
4602	2011	SNE/MA Winter Flounder	Handline	NEFS 7																		
4603	2011	SNE/MA Winter Flounder	Handline	NEFS 8																		
4604	2011	SNE/MA Winter Flounder	Handline	NEFS 9																		
4605	2011	SNE/MA Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
4606	2011	SNE/MA Winter Flounder	Handline	Sustainable Harvest Sector 1																		
4607	2011	SNE/MA Winter Flounder	Handline	Tri-State Sector																		
4608	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector	18	690	215	31.16	0.00	0.00	0.14	63	9.13	11	2044882	542391.10	624.50	2354	240.70	706	75.10	217
4609	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
4610	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NCCS																		
4611	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 10	3	9	3	33.33	0.00	0.00	0.00	0	0.00	0	69383	34161.20	0.00	0	44.40	49	13.70	15
4612	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 11																		
4613	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 12																		
4614	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 13																		
4615	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 2																		
4616	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 3	5	33	10	30.30	0.00	0.00	0.43	16	48.48	14	80059	28036.50	10.00	29	18.60	36	8.20	13
4617	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 5																		
4618	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 6																		
4619	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 7																		
4620	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 8																		
4621	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 9																		
4622	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4623	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4624	2011	SNE/MA Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
4625	2011	SNE/MA Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
4626	2011	SNE/MA Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
4627	2011	SNE/MA Winter Flounder	Ruhle Trawl	NCCS																		
4628	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 10																		
4629	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 11																		
4630	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 12																		
4631	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 13																		
4632	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 2																		
4633	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 3																		
4634	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 5																		
4635	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4636	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 7																		
4637	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 8																		
4638	2011	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 9																		
4639	2011	SNE/MA Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4640	2011	SNE/MA Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
4641	2011	SNE/MA Winter Flounder	Ruhle Trawl	Tri-State Sector																		
4642	2011	SNE/MA Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
4643	2011	SNE/MA Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
4644	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NCCS																		
4645	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 10																		
4646	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 11																		
4647	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 12																		
4648	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 13																		
4649	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 2																		
4650	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 3																		
4651	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 5																		
4652	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 6																		
4653	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 7																		
4654	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 8																		
4655	2011	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 9																		
4656	2011	SNE/MA Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
4657	2011	SNE/MA Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
4658	2011	SNE/MA Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
4659	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
4660	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
4661	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
4662	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
4663	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
4664	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
4665	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	38	277	90	32.49	0.00	0.00	0.19	47	16.97	183729	2259780	897797.00	4318.00	10869	485.50	608	176.00	219
4666	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 2																		
4667	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
4668	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	44	626	208	33.23	0.00	0.00	0.12	48	7.67	315142	5844330	1988565.80	6577.00	19330	625.10	941	235.00	348
4669	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 6																		
4670	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	9	43	15	34.88	0.01	0.00	0.31	16	37.21	49609	391662	109103.90	1356.00	4868	136.70	161	53.20	62
4671	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	9	16	6	37.50	0.00	0.00	0.00	0	0.00	15980	144644	34838.30	0.00	0	122.90	130	48.60	52
4672	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	23	52	18	34.62	0.00	0.00	0.63	37	71.15	130756	492023	110645.80	374.00	1663	404.30	431	139.90	151
4673	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
4674	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	9	39	11	28.21	0.02	0.00	0.24	8	20.51	55879	162733	48252.00	890.00	3002	73.90	86	25.00	30
4675	2011	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
4676	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	16	230	54	23.48	0.00	0.00	0.00	0	0.00	1	1474260	383994.30	0.00	0	268.50	413	66.60	104
4677	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4678	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
4679	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	5	31	12	38.71	0.00	0.00	0.00	0	0.00	0	223214	94210.00	0.00	0	33.60	54	11.20	18
4680	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	6	141	23	16.31	0.00	0.00	0.00	0	0.00	0	526309	90002.80	0.00	0	60.00	143	11.10	23

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4681	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
4682	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
4683	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
4684	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	14	153	28	18.30	0.00	0.00	0.91	103	67.32	1	819712	156861.40	2.00	10	151.90	235	29.80	45
4685	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
4686	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
4687	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	7	183	48	26.23	0.00	0.00	0.28	43	23.50	41	1050575	319944.00	36.00	118	129.30	217	42.70	67
4688	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
4689	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
4690	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4691	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4692	2011	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
4693	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
4694	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
4695	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
4696	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
4697	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
4698	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
4699	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
4700	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
4701	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
4702	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
4703	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
4704	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
4705	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
4706	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
4707	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4708	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
4709	2011	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
4710	2011	SNE/MA Yellowtail Flounder	Handline	Fixed Gear Sector																		
4711	2011	SNE/MA Yellowtail Flounder	Handline	Maine Coast Community Sector																		
4712	2011	SNE/MA Yellowtail Flounder	Handline	NCCS																		
4713	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 10																		
4714	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 11																		
4715	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 12																		
4716	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 13																		
4717	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 2																		
4718	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 3																		
4719	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 5																		
4720	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 6																		
4721	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 7																		
4722	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 8																		
4723	2011	SNE/MA Yellowtail Flounder	Handline	NEFS 9																		
4724	2011	SNE/MA Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
4725	2011	SNE/MA Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4726	2011	SNE/MA Yellowtail Flounder	Handline	Tri-State Sector																		
4727	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
4728	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
4729	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
4730	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
4731	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
4732	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
4733	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
4734	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
4735	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	4	30	7	23.33	0.00	0.00	0.00	0	0.00	7	76250	22136.70	0.00	0	15.50	31	4.30	7
4736	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
4737	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
4738	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
4739	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
4740	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
4741	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4742	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4743	2011	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
4744	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
4745	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
4746	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NCCS																		
4747	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
4748	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
4749	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
4750	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
4751	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
4752	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
4753	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
4754	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
4755	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
4756	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
4757	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
4758	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4759	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
4760	2011	SNE/MA Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
4761	2011	Southern Windowpane	Bottom Longline	Fixed Gear Sector																		
4762	2011	Southern Windowpane	Bottom Longline	Maine Coast Community Sector																		
4763	2011	Southern Windowpane	Bottom Longline	NCCS																		
4764	2011	Southern Windowpane	Bottom Longline	NEFS 10																		
4765	2011	Southern Windowpane	Bottom Longline	NEFS 11																		
4766	2011	Southern Windowpane	Bottom Longline	NEFS 12																		
4767	2011	Southern Windowpane	Bottom Longline	NEFS 13																		
4768	2011	Southern Windowpane	Bottom Longline	NEFS 2																		
4769	2011	Southern Windowpane	Bottom Longline	NEFS 3																		
4770	2011	Southern Windowpane	Bottom Longline	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4771	2011	Southern Windowpane	Bottom Longline	NEFS 6																		
4772	2011	Southern Windowpane	Bottom Longline	NEFS 7																		
4773	2011	Southern Windowpane	Bottom Longline	NEFS 8																		
4774	2011	Southern Windowpane	Bottom Longline	NEFS 9																		
4775	2011	Southern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
4776	2011	Southern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
4777	2011	Southern Windowpane	Bottom Longline	Tri-State Sector																		
4778	2011	Southern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
4779	2011	Southern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
4780	2011	Southern Windowpane	Bottom Otter Trawl	NCCS																		
4781	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 10																		
4782	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 11																		
4783	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 12																		
4784	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 13	38	277	90	32.49	0.02	0.00	0.16	33	11.91	0	2259780	897797.00	17009.00	42812	485.50	608	176.00	219
4785	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 2																		
4786	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 3																		
4787	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 5	44	626	208	33.23	0.02	0.00	0.10	36	5.75	350	5844330	1988565.80	38925.00	114399	625.10	941	235.00	348
4788	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 6																		
4789	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 7	9	43	15	34.88	0.01	0.00	0.35	18	41.86	0	391662	109103.90	1077.00	3866	136.70	161	53.20	62
4790	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 8	9	16	6	37.50	0.00	0.00	0.00	0	0.00	0	144644	34838.30	0.00	0	122.90	130	48.60	52
4791	2011	Southern Windowpane	Bottom Otter Trawl	NEFS 9	23	52	18	34.62	0.01	0.00	0.48	30	57.69	0	492023	110645.80	600.00	2668	404.30	431	139.90	151
4792	2011	Southern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
4793	2011	Southern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	9	39	11	28.21	0.08	0.00	0.36	15	38.46	0	162733	48252.00	3891.00	13123	73.90	86	25.00	30
4794	2011	Southern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
4795	2011	Southern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	16	230	54	23.48	0.00	0.00	0.00	0	0.00	0	1474260	383994.30	0.00	0	268.50	413	66.60	104
4796	2011	Southern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4797	2011	Southern Windowpane	Extra Large Mesh Gillnet	NCCS																		
4798	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 10	5	31	12	38.71	0.00	0.00	0.80	26	83.87	0	223214	94210.00	1.00	2	33.60	54	11.20	18
4799	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 11	6	141	23	16.31	0.00	0.00	0.66	68	48.23	0	526309	90002.80	2.00	12	60.00	143	11.10	23
4800	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
4801	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
4802	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
4803	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 3	14	153	28	18.30	0.00	0.00	0.00	0	0.00	0	819712	156861.40	0.00	0	151.90	235	29.80	45
4804	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
4805	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
4806	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 7	7	183	48	26.23	0.00	0.00	0.85	136	74.32	0	1050575	319944.00	1.00	3	129.30	217	42.70	67
4807	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
4808	2011	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
4809	2011	Southern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4810	2011	Southern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4811	2011	Southern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
4812	2011	Southern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
4813	2011	Southern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
4814	2011	Southern Windowpane	Haddock Otter Trawl	NCCS																		
4815	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4816	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 11																		
4817	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 12																		
4818	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 13																		
4819	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 2																		
4820	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 3																		
4821	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 5																		
4822	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 6																		
4823	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 7																		
4824	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 8																		
4825	2011	Southern Windowpane	Haddock Otter Trawl	NEFS 9																		
4826	2011	Southern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4827	2011	Southern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
4828	2011	Southern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
4829	2011	Southern Windowpane	Handline	Fixed Gear Sector																		
4830	2011	Southern Windowpane	Handline	Maine Coast Community Sector																		
4831	2011	Southern Windowpane	Handline	NCCS																		
4832	2011	Southern Windowpane	Handline	NEFS 10																		
4833	2011	Southern Windowpane	Handline	NEFS 11																		
4834	2011	Southern Windowpane	Handline	NEFS 12																		
4835	2011	Southern Windowpane	Handline	NEFS 13																		
4836	2011	Southern Windowpane	Handline	NEFS 2																		
4837	2011	Southern Windowpane	Handline	NEFS 3																		
4838	2011	Southern Windowpane	Handline	NEFS 5																		
4839	2011	Southern Windowpane	Handline	NEFS 6																		
4840	2011	Southern Windowpane	Handline	NEFS 7																		
4841	2011	Southern Windowpane	Handline	NEFS 8																		
4842	2011	Southern Windowpane	Handline	NEFS 9																		
4843	2011	Southern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
4844	2011	Southern Windowpane	Handline	Sustainable Harvest Sector 1																		
4845	2011	Southern Windowpane	Handline	Tri-State Sector																		
4846	2011	Southern Windowpane	Large Mesh Gillnet	Fixed Gear Sector																		
4847	2011	Southern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
4848	2011	Southern Windowpane	Large Mesh Gillnet	NCCS																		
4849	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 10																		
4850	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 11																		
4851	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 12																		
4852	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 13																		
4853	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 2																		
4854	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 3	4	30	7	23.33	0.00	0.00	0.00	0	0.00	0	76250	22136.70	0.00	0	15.50	31	4.30	7
4855	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 5																		
4856	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 6																		
4857	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 7																		
4858	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 8																		
4859	2011	Southern Windowpane	Large Mesh Gillnet	NEFS 9																		
4860	2011	Southern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4861	2011	Southern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4862	2011	Southern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
4863	2011	Southern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
4864	2011	Southern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
4865	2011	Southern Windowpane	Ruhle Trawl	NCCS																		
4866	2011	Southern Windowpane	Ruhle Trawl	NEFS 10																		
4867	2011	Southern Windowpane	Ruhle Trawl	NEFS 11																		
4868	2011	Southern Windowpane	Ruhle Trawl	NEFS 12																		
4869	2011	Southern Windowpane	Ruhle Trawl	NEFS 13																		
4870	2011	Southern Windowpane	Ruhle Trawl	NEFS 2																		
4871	2011	Southern Windowpane	Ruhle Trawl	NEFS 3																		
4872	2011	Southern Windowpane	Ruhle Trawl	NEFS 5																		
4873	2011	Southern Windowpane	Ruhle Trawl	NEFS 6																		
4874	2011	Southern Windowpane	Ruhle Trawl	NEFS 7																		
4875	2011	Southern Windowpane	Ruhle Trawl	NEFS 8																		
4876	2011	Southern Windowpane	Ruhle Trawl	NEFS 9																		
4877	2011	Southern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4878	2011	Southern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
4879	2011	Southern Windowpane	Ruhle Trawl	Tri-State Sector																		
4880	2011	White Hake	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.64	147	39.84	15799	1269498	152519.70	30.00	250	241.80	448	28.70	62
4881	2011	White Hake	Bottom Longline	Maine Coast Community Sector																		
4882	2011	White Hake	Bottom Longline	NCCS																		
4883	2011	White Hake	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	5	49858	17254.90	0.00	0	14.70	34	4.40	10
4884	2011	White Hake	Bottom Longline	NEFS 11																		
4885	2011	White Hake	Bottom Longline	NEFS 12																		
4886	2011	White Hake	Bottom Longline	NEFS 13																		
4887	2011	White Hake	Bottom Longline	NEFS 2																		
4888	2011	White Hake	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.86	218	74.40	72	298479	79608.30	1.00	4	140.80	308	38.80	81
4889	2011	White Hake	Bottom Longline	NEFS 5																		
4890	2011	White Hake	Bottom Longline	NEFS 6																		
4891	2011	White Hake	Bottom Longline	NEFS 7																		
4892	2011	White Hake	Bottom Longline	NEFS 8																		
4893	2011	White Hake	Bottom Longline	NEFS 9																		
4894	2011	White Hake	Bottom Longline	Port Clyde Community Groundfish Sector																		
4895	2011	White Hake	Bottom Longline	Sustainable Harvest Sector 1																		
4896	2011	White Hake	Bottom Longline	Tri-State Sector																		
4897	2011	White Hake	Bottom Otter Trawl	Fixed Gear Sector																		
4898	2011	White Hake	Bottom Otter Trawl	Maine Coast Community Sector																		
4899	2011	White Hake	Bottom Otter Trawl	NCCS																		
4900	2011	White Hake	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.35	205	38.10	12008	1690509	440369.40	34.00	131	290.90	584	79.60	170
4901	2011	White Hake	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.45	71	48.63	807	311558	74652.00	6.00	25	72.90	157	21.90	47
4902	2011	White Hake	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.64	91	65.00	883	177907	54104.20	8.00	26	61.20	143	20.40	42
4903	2011	White Hake	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.36	176	32.41	228705	5653319	1951213.70	1007.00	2918	1290.10	1474	496.90	562
4904	2011	White Hake	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.38	780	31.62	654060	12310854	3254352.90	1224.00	4630	2303.70	3433	707.70	1001
4905	2011	White Hake	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	319	53664	4363.00	0.00	0	15.90	28	1.40	2

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4906	2011	White Hake	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.34	245	37.98	1248	6189506	2065282.80	83.00	249	713.00	1031	256.80	371
4907	2011	White Hake	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.40	66	30.56	292328	3980042	1085318.40	476.00	1746	611.90	673	226.50	247
4908	2011	White Hake	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.49	89	41.01	19304	2565524	842882.60	284.00	864	656.00	729	254.80	279
4909	2011	White Hake	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.48	75	37.13	74291	3265183	771702.50	904.00	3825	794.30	846	273.70	292
4910	2011	White Hake	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.25	95	13.16	468774	13236959	3431257.40	3542.00	13664	2594.80	2795	970.90	1047
4911	2011	White Hake	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.41	72	45.28	47168	499763	164841.10	27.00	82	259.60	339	92.10	117
4912	2011	White Hake	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.22	184	12.27	3379950	23369973	6559250.50	737.00	2626	4486.40	4939	1702.90	1862
4913	2011	White Hake	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.79	11	73.33	0	420738	41397.50	19.00	193	96.40	104	17.40	19
4914	2011	White Hake	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.39	492	38.59	1999	7890632	2045826.40	112.00	432	565.30	1478	150.30	394
4915	2011	White Hake	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
4916	2011	White Hake	Extra Large Mesh Gillnet	NCCS																		
4917	2011	White Hake	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	9	412304	169256.30	0.00	0	107.50	175	59.70	90
4918	2011	White Hake	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.32	90	44.55	3924	668560	152866.60	44.00	192	81.10	204	38.70	84
4919	2011	White Hake	Extra Large Mesh Gillnet	NEFS 12																		
4920	2011	White Hake	Extra Large Mesh Gillnet	NEFS 13																		
4921	2011	White Hake	Extra Large Mesh Gillnet	NEFS 2																		
4922	2011	White Hake	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.31	179	34.89	28696	1669677	331562.90	337.00	1697	354.60	651	103.30	200
4923	2011	White Hake	Extra Large Mesh Gillnet	NEFS 5																		
4924	2011	White Hake	Extra Large Mesh Gillnet	NEFS 6																		
4925	2011	White Hake	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.57	112	57.73	0	1092447	343227.40	69.00	220	173.90	267	69.70	97
4926	2011	White Hake	Extra Large Mesh Gillnet	NEFS 8																		
4927	2011	White Hake	Extra Large Mesh Gillnet	NEFS 9																		
4928	2011	White Hake	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
4929	2011	White Hake	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
4930	2011	White Hake	Extra Large Mesh Gillnet	Tri-State Sector																		
4931	2011	White Hake	Haddock Otter Trawl	Fixed Gear Sector																		
4932	2011	White Hake	Haddock Otter Trawl	Maine Coast Community Sector																		
4933	2011	White Hake	Haddock Otter Trawl	NCCS																		
4934	2011	White Hake	Haddock Otter Trawl	NEFS 10																		
4935	2011	White Hake	Haddock Otter Trawl	NEFS 11																		
4936	2011	White Hake	Haddock Otter Trawl	NEFS 12																		
4937	2011	White Hake	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	0.00	0	0.00	2413	61728	2195.60	0.00	0	70.10	75	11.50	12
4938	2011	White Hake	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.69	18	90.00	15452	277473	185171.60	70.00	105	124.80	136	72.50	78
4939	2011	White Hake	Haddock Otter Trawl	NEFS 3																		
4940	2011	White Hake	Haddock Otter Trawl	NEFS 5																		
4941	2011	White Hake	Haddock Otter Trawl	NEFS 6																		
4942	2011	White Hake	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	0	53451	9349.60	0.00	0	73.30	79	31.50	34
4943	2011	White Hake	Haddock Otter Trawl	NEFS 8																		
4944	2011	White Hake	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.88	29	65.91	30800	457000	113328.20	11.00	44	148.50	158	47.40	51
4945	2011	White Hake	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
4946	2011	White Hake	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.56	90	54.55	69427	2660673	1158779.00	138.00	317	707.90	754	296.20	316
4947	2011	White Hake	Haddock Otter Trawl	Tri-State Sector																		
4948	2011	White Hake	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
4949	2011	White Hake	Handline	Maine Coast Community Sector																		
4950	2011	White Hake	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	8	18542	6504.80	0.00	0	12.00	26	4.40	9

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4951	2011	White Hake	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
4952	2011	White Hake	Handline	NEFS 11																		
4953	2011	White Hake	Handline	NEFS 12																		
4954	2011	White Hake	Handline	NEFS 13																		
4955	2011	White Hake	Handline	NEFS 2																		
4956	2011	White Hake	Handline	NEFS 3																		
4957	2011	White Hake	Handline	NEFS 5																		
4958	2011	White Hake	Handline	NEFS 6																		
4959	2011	White Hake	Handline	NEFS 7																		
4960	2011	White Hake	Handline	NEFS 8																		
4961	2011	White Hake	Handline	NEFS 9																		
4962	2011	White Hake	Handline	Port Clyde Community Groundfish Sector																		
4963	2011	White Hake	Handline	Sustainable Harvest Sector 1																		
4964	2011	White Hake	Handline	Tri-State Sector																		
4965	2011	White Hake	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.16	86	10.71	96873	2307839	595528.00	964.00	3736	280.80	819	83.30	236
4966	2011	White Hake	Large Mesh Gillnet	Maine Coast Community Sector																		
4967	2011	White Hake	Large Mesh Gillnet	NCCS																		
4968	2011	White Hake	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.34	172	47.25	80095	1139521	444970.30	1087.00	2784	302.00	508	105.20	193
4969	2011	White Hake	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.15	97	7.47	221015	4076694	932163.20	674.00	2948	481.80	1332	128.90	326
4970	2011	White Hake	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.01	0.00	0.24	16	16.16	182808	1102911	231008.30	2151.00	10270	385.70	438	80.40	93
4971	2011	White Hake	Large Mesh Gillnet	NEFS 13																		
4972	2011	White Hake	Large Mesh Gillnet	NEFS 2																		
4973	2011	White Hake	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.21	441	20.68	134232	3531995	1122435.60	1215.00	3823	810.80	2170	289.50	732
4974	2011	White Hake	Large Mesh Gillnet	NEFS 5																		
4975	2011	White Hake	Large Mesh Gillnet	NEFS 6																		
4976	2011	White Hake	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.03	0.00	0.26	7	46.67	15095	64534	41154.30	1050.00	1646	49.50	57	32.90	37
4977	2011	White Hake	Large Mesh Gillnet	NEFS 8																		
4978	2011	White Hake	Large Mesh Gillnet	NEFS 9																		
4979	2011	White Hake	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.01	0.00	0.13	35	6.27	297574	1857095	452719.70	2518.00	10329	412.20	740	101.90	182
4980	2011	White Hake	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.43	49	43.36	213886	894379	334188.20	819.00	2192	369.50	429	133.30	152
4981	2011	White Hake	Large Mesh Gillnet	Tri-State Sector																		
4982	2011	White Hake	Ruhle Trawl	Fixed Gear Sector																		
4983	2011	White Hake	Ruhle Trawl	Maine Coast Community Sector																		
4984	2011	White Hake	Ruhle Trawl	NCCS																		
4985	2011	White Hake	Ruhle Trawl	NEFS 10																		
4986	2011	White Hake	Ruhle Trawl	NEFS 11																		
4987	2011	White Hake	Ruhle Trawl	NEFS 12																		
4988	2011	White Hake	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.00	0	0.00	563	843620	142583.50	0.00	0	285.30	308	63.90	68
4989	2011	White Hake	Ruhle Trawl	NEFS 2																		
4990	2011	White Hake	Ruhle Trawl	NEFS 3																		
4991	2011	White Hake	Ruhle Trawl	NEFS 5	4	5	0	0.00						60	52344	0.00	0.00		23.30	24	0.00	0
4992	2011	White Hake	Ruhle Trawl	NEFS 6																		
4993	2011	White Hake	Ruhle Trawl	NEFS 7																		
4994	2011	White Hake	Ruhle Trawl	NEFS 8																		
4995	2011	White Hake	Ruhle Trawl	NEFS 9																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
4996	2011	White Hake	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
4997	2011	White Hake	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	2744	152932	6603.20	0.00	0	42.60	46	10.40	11
4998	2011	White Hake	Ruhle Trawl	Tri-State Sector																		
4999	2011	Witch Flounder	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.00	0	0.00	0	1269498	152519.70	0.00	0	241.80	448	28.70	62
5000	2011	Witch Flounder	Bottom Longline	Maine Coast Community Sector																		
5001	2011	Witch Flounder	Bottom Longline	NCCS																		
5002	2011	Witch Flounder	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.00	0	0.00	0	49858	17254.90	0.00	0	14.70	34	4.40	10
5003	2011	Witch Flounder	Bottom Longline	NEFS 11																		
5004	2011	Witch Flounder	Bottom Longline	NEFS 12																		
5005	2011	Witch Flounder	Bottom Longline	NEFS 13																		
5006	2011	Witch Flounder	Bottom Longline	NEFS 2																		
5007	2011	Witch Flounder	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.00	0	0.00	0	298479	79608.30	0.00	0	140.80	308	38.80	81
5008	2011	Witch Flounder	Bottom Longline	NEFS 5																		
5009	2011	Witch Flounder	Bottom Longline	NEFS 6																		
5010	2011	Witch Flounder	Bottom Longline	NEFS 7																		
5011	2011	Witch Flounder	Bottom Longline	NEFS 8																		
5012	2011	Witch Flounder	Bottom Longline	NEFS 9																		
5013	2011	Witch Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
5014	2011	Witch Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
5015	2011	Witch Flounder	Bottom Longline	Tri-State Sector																		
5016	2011	Witch Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
5017	2011	Witch Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
5018	2011	Witch Flounder	Bottom Otter Trawl	NCCS																		
5019	2011	Witch Flounder	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.15	55	10.22	79526	1690509	440369.40	474.00	1820	290.90	584	79.60	170
5020	2011	Witch Flounder	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.23	30	20.55	9649	311558	74652.00	74.00	309	72.90	157	21.90	47
5021	2011	Witch Flounder	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.25	31	22.14	5102	177907	54104.20	76.00	250	61.20	143	20.40	42
5022	2011	Witch Flounder	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.17	52	9.58	94599	5651557	1951213.70	2222.00	6436	1290.10	1474	496.90	562
5023	2011	Witch Flounder	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.10	83	3.36	388521	12310854	3254352.90	5628.00	21290	2303.70	3433	707.70	1001
5024	2011	Witch Flounder	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.01	0.00	1.70	18	75.00	222	53664	4363.00	26.00	320	15.90	28	1.40	2
5025	2011	Witch Flounder	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.18	99	15.35	15846	6189506	2065282.80	826.00	2475	713.00	1031	256.80	371
5026	2011	Witch Flounder	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.22	25	11.57	194456	3980042	1085318.40	821.00	3011	611.90	673	226.50	247
5027	2011	Witch Flounder	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.16	16	7.37	83215	2565524	842882.60	1759.00	5354	656.00	729	254.80	279
5028	2011	Witch Flounder	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.23	24	11.88	65521	3265183	771702.50	1569.00	6639	794.30	846	273.70	292
5029	2011	Witch Flounder	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.18	53	7.34	304214	13236959	3431257.40	5993.00	23120	2594.80	2795	970.90	1047
5030	2011	Witch Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.02	0.00	0.12	11	6.92	76696	499763	164841.10	3041.00	9220	259.60	339	92.10	117
5031	2011	Witch Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.08	31	2.07	679693	23364852	6559250.50	16107.00	57375	4486.40	4939	1702.90	1862
5032	2011	Witch Flounder	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.43	7	46.67	3609	420738	41397.50	7.00	71	96.40	104	17.40	19
5033	2011	Witch Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.00	0	0.00	23	7890632	2045826.40	0.00	0	565.30	1478	150.30	394
5034	2011	Witch Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5035	2011	Witch Flounder	Extra Large Mesh Gillnet	NCCS																		
5036	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	0	412304	169256.30	0.00	0	107.50	175	59.70	90
5037	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.78	167	82.67	146	668560	152866.60	1.00	4	81.10	204	38.70	84
5038	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 12																		
5039	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 13																		
5040	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5041	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.54	320	62.38	11245	1669677	331562.90	5.00	25	354.60	651	103.30	200
5042	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 5																		
5043	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 6																		
5044	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.86	147	75.77	4	1092447	343227.40	4.00	13	173.90	267	69.70	97
5045	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 8																		
5046	2011	Witch Flounder	Extra Large Mesh Gillnet	NEFS 9																		
5047	2011	Witch Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5048	2011	Witch Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5049	2011	Witch Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
5050	2011	Witch Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
5051	2011	Witch Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
5052	2011	Witch Flounder	Haddock Otter Trawl	NCCS																		
5053	2011	Witch Flounder	Haddock Otter Trawl	NEFS 10																		
5054	2011	Witch Flounder	Haddock Otter Trawl	NEFS 11																		
5055	2011	Witch Flounder	Haddock Otter Trawl	NEFS 12																		
5056	2011	Witch Flounder	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.00	0.00	1.47	10	90.91	0	61728	2195.60	7.00	197	70.10	75	11.50	12
5057	2011	Witch Flounder	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.39	14	70.00	3196	277473	185171.60	69.00	103	124.80	136	72.50	78
5058	2011	Witch Flounder	Haddock Otter Trawl	NEFS 3																		
5059	2011	Witch Flounder	Haddock Otter Trawl	NEFS 5																		
5060	2011	Witch Flounder	Haddock Otter Trawl	NEFS 6																		
5061	2011	Witch Flounder	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	118	53451	9349.60	0.00	0	73.30	79	31.50	34
5062	2011	Witch Flounder	Haddock Otter Trawl	NEFS 8																		
5063	2011	Witch Flounder	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.61	22	50.00	15380	457000	113328.20	68.00	274	148.50	158	47.40	51
5064	2011	Witch Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5065	2011	Witch Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.29	41	24.85	20410	2639000	1158779.00	454.00	1034	707.90	754	296.20	316
5066	2011	Witch Flounder	Haddock Otter Trawl	Tri-State Sector																		
5067	2011	Witch Flounder	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
5068	2011	Witch Flounder	Handline	Maine Coast Community Sector																		
5069	2011	Witch Flounder	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
5070	2011	Witch Flounder	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
5071	2011	Witch Flounder	Handline	NEFS 11																		
5072	2011	Witch Flounder	Handline	NEFS 12																		
5073	2011	Witch Flounder	Handline	NEFS 13																		
5074	2011	Witch Flounder	Handline	NEFS 2																		
5075	2011	Witch Flounder	Handline	NEFS 3																		
5076	2011	Witch Flounder	Handline	NEFS 5																		
5077	2011	Witch Flounder	Handline	NEFS 6																		
5078	2011	Witch Flounder	Handline	NEFS 7																		
5079	2011	Witch Flounder	Handline	NEFS 8																		
5080	2011	Witch Flounder	Handline	NEFS 9																		
5081	2011	Witch Flounder	Handline	Port Clyde Community Groundfish Sector																		
5082	2011	Witch Flounder	Handline	Sustainable Harvest Sector 1																		
5083	2011	Witch Flounder	Handline	Tri-State Sector																		
5084	2011	Witch Flounder	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.84	613	76.34	463	2307839	595528.00	1.00	4	280.80	819	83.30	236
5085	2011	Witch Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5086	2011	Witch Flounder	Large Mesh Gillnet	NCCS																		
5087	2011	Witch Flounder	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.32	162	44.51	982	1139521	444970.30	7.00	18	302.00	508	105.20	193
5088	2011	Witch Flounder	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.12	61	4.70	1939	4076694	932163.20	88.00	385	481.80	1332	128.90	326
5089	2011	Witch Flounder	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.27	19	19.19	75	1102911	231008.30	9.00	43	385.70	438	80.40	93
5090	2011	Witch Flounder	Large Mesh Gillnet	NEFS 13																		
5091	2011	Witch Flounder	Large Mesh Gillnet	NEFS 2																		
5092	2011	Witch Flounder	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.13	201	9.42	3444	3531995	1122435.60	53.00	167	810.80	2170	289.50	732
5093	2011	Witch Flounder	Large Mesh Gillnet	NEFS 5																		
5094	2011	Witch Flounder	Large Mesh Gillnet	NEFS 6																		
5095	2011	Witch Flounder	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.00	0	0.00	64	64534	41154.30	0.00	0	49.50	57	32.90	37
5096	2011	Witch Flounder	Large Mesh Gillnet	NEFS 8																		
5097	2011	Witch Flounder	Large Mesh Gillnet	NEFS 9																		
5098	2011	Witch Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.16	53	9.50	891	1857095	452719.70	60.00	246	412.20	740	101.90	182
5099	2011	Witch Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.31	33	29.20	210	894379	334188.20	15.00	40	369.50	429	133.30	152
5100	2011	Witch Flounder	Large Mesh Gillnet	Tri-State Sector																		
5101	2011	Witch Flounder	Ruhle Trawl	Fixed Gear Sector																		
5102	2011	Witch Flounder	Ruhle Trawl	Maine Coast Community Sector																		
5103	2011	Witch Flounder	Ruhle Trawl	NCCS																		
5104	2011	Witch Flounder	Ruhle Trawl	NEFS 10																		
5105	2011	Witch Flounder	Ruhle Trawl	NEFS 11																		
5106	2011	Witch Flounder	Ruhle Trawl	NEFS 12																		
5107	2011	Witch Flounder	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.67	28	50.00	3446	804866	142583.50	1.00	6	285.30	308	63.90	68
5108	2011	Witch Flounder	Ruhle Trawl	NEFS 2																		
5109	2011	Witch Flounder	Ruhle Trawl	NEFS 3																		
5110	2011	Witch Flounder	Ruhle Trawl	NEFS 5	4	5	0	0.00						67	52344	0.00	0.00		23.30	24	0.00	0
5111	2011	Witch Flounder	Ruhle Trawl	NEFS 6																		
5112	2011	Witch Flounder	Ruhle Trawl	NEFS 7																		
5113	2011	Witch Flounder	Ruhle Trawl	NEFS 8																		
5114	2011	Witch Flounder	Ruhle Trawl	NEFS 9																		
5115	2011	Witch Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5116	2011	Witch Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	2229	152932	6603.20	0.00	0	42.60	46	10.40	11
5117	2011	Witch Flounder	Ruhle Trawl	Tri-State Sector																		
5118	2011	Wolffish	Bottom Longline	Fixed Gear Sector	24	369	47	12.74	0.00	0.00	0.39	75	20.33	0	1269498	152519.70	220.00	1831	241.80	448	28.70	62
5119	2011	Wolffish	Bottom Longline	Maine Coast Community Sector																		
5120	2011	Wolffish	Bottom Longline	NCCS																		
5121	2011	Wolffish	Bottom Longline	NEFS 10	3	34	10	29.41	0.00	0.00	0.39	15	44.12	0	49858	17254.90	52.00	150	14.70	34	4.40	10
5122	2011	Wolffish	Bottom Longline	NEFS 11																		
5123	2011	Wolffish	Bottom Longline	NEFS 12																		
5124	2011	Wolffish	Bottom Longline	NEFS 13																		
5125	2011	Wolffish	Bottom Longline	NEFS 2																		
5126	2011	Wolffish	Bottom Longline	NEFS 3	12	293	77	26.28	0.00	0.00	0.22	49	16.72	0	298479	79608.30	169.00	634	140.80	308	38.80	81
5127	2011	Wolffish	Bottom Longline	NEFS 5																		
5128	2011	Wolffish	Bottom Longline	NEFS 6																		
5129	2011	Wolffish	Bottom Longline	NEFS 7																		
5130	2011	Wolffish	Bottom Longline	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5131	2011	Wolffish	Bottom Longline	NEFS 9																		
5132	2011	Wolffish	Bottom Longline	Port Clyde Community Groundfish Sector																		
5133	2011	Wolffish	Bottom Longline	Sustainable Harvest Sector 1																		
5134	2011	Wolffish	Bottom Longline	Tri-State Sector																		
5135	2011	Wolffish	Bottom Otter Trawl	Fixed Gear Sector																		
5136	2011	Wolffish	Bottom Otter Trawl	Maine Coast Community Sector																		
5137	2011	Wolffish	Bottom Otter Trawl	NCCS																		
5138	2011	Wolffish	Bottom Otter Trawl	NEFS 10	17	538	165	30.67	0.00	0.00	0.33	186	34.57	0	1690509	440369.40	2132.00	8184	290.90	584	79.60	170
5139	2011	Wolffish	Bottom Otter Trawl	NEFS 11	9	146	43	29.45	0.00	0.00	0.47	75	51.37	0	311558	74652.00	79.00	330	72.90	157	21.90	47
5140	2011	Wolffish	Bottom Otter Trawl	NEFS 12	5	140	40	28.57	0.00	0.00	0.39	57	40.71	0	177907	54104.20	151.00	497	61.20	143	20.40	42
5141	2011	Wolffish	Bottom Otter Trawl	NEFS 13	96	543	136	25.05	0.00	0.00	0.31	144	26.52	0	5651557	1951213.70	421.00	1219	1290.10	1474	496.90	562
5142	2011	Wolffish	Bottom Otter Trawl	NEFS 2	102	2467	552	22.38	0.00	0.00	0.12	102	4.13	0	12296414	3254352.90	7572.00	28610	2303.70	3433	707.70	1001
5143	2011	Wolffish	Bottom Otter Trawl	NEFS 3	3	24	2	8.33	0.00	0.00	0.00	0	0.00	0	53664	4363.00	0.00	0	15.90	28	1.40	2
5144	2011	Wolffish	Bottom Otter Trawl	NEFS 5	56	645	211	32.71	0.00	0.00	0.00	0	0.00	0	6189506	2065282.80	0.00	0	713.00	1031	256.80	371
5145	2011	Wolffish	Bottom Otter Trawl	NEFS 6	17	216	42	19.44	0.00	0.00	0.33	49	22.69	0	3980042	1085318.40	355.00	1302	611.90	673	226.50	247
5146	2011	Wolffish	Bottom Otter Trawl	NEFS 7	32	217	45	20.74	0.00	0.00	0.34	56	25.81	0	2565524	842882.60	136.00	414	656.00	729	254.80	279
5147	2011	Wolffish	Bottom Otter Trawl	NEFS 8	43	202	37	18.32	0.00	0.00	0.37	53	26.24	7	3265183	771702.50	170.00	719	794.30	846	273.70	292
5148	2011	Wolffish	Bottom Otter Trawl	NEFS 9	119	722	132	18.28	0.00	0.00	0.24	88	12.19	0	13236959	3431257.40	1161.00	4479	2594.80	2795	970.90	1047
5149	2011	Wolffish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector	15	159	48	30.19	0.00	0.00	0.29	45	28.30	0	499763	164841.10	135.00	409	259.60	339	92.10	117
5150	2011	Wolffish	Bottom Otter Trawl	Sustainable Harvest Sector 1	183	1500	318	21.20	0.00	0.00	0.18	128	8.53	12	23310625	6559250.50	3440.00	12225	4486.40	4939	1702.90	1862
5151	2011	Wolffish	Bottom Otter Trawl	Tri-State Sector	7	15	4	26.67	0.00	0.00	0.00	0	0.00	0	420738	41397.50	0.00	0	96.40	104	17.40	19
5152	2011	Wolffish	Extra Large Mesh Gillnet	Fixed Gear Sector	33	1275	343	26.90	0.00	0.00	0.61	771	60.47	0	7890632	2045826.40	37.00	143	565.30	1478	150.30	394
5153	2011	Wolffish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5154	2011	Wolffish	Extra Large Mesh Gillnet	NCCS																		
5155	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 10	9	120	62	51.67	0.00	0.00	0.00	0	0.00	0	412304	169256.30	0.00	0	107.50	175	59.70	90
5156	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 11	10	202	84	41.58	0.00	0.00	0.34	97	48.02	0	668560	152866.60	80.00	350	81.10	204	38.70	84
5157	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 12																		
5158	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 13																		
5159	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 2																		
5160	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 3	30	513	171	33.33	0.00	0.00	0.26	141	27.49	0	1669677	331562.90	166.00	836	354.60	651	103.30	200
5161	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 5																		
5162	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 6																		
5163	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 7	9	194	53	27.32	0.00	0.00	0.00	0	0.00	0	1092447	343227.40	0.00	0	173.90	267	69.70	97
5164	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 8																		
5165	2011	Wolffish	Extra Large Mesh Gillnet	NEFS 9																		
5166	2011	Wolffish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5167	2011	Wolffish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5168	2011	Wolffish	Extra Large Mesh Gillnet	Tri-State Sector																		
5169	2011	Wolffish	Haddock Otter Trawl	Fixed Gear Sector																		
5170	2011	Wolffish	Haddock Otter Trawl	Maine Coast Community Sector																		
5171	2011	Wolffish	Haddock Otter Trawl	NCCS																		
5172	2011	Wolffish	Haddock Otter Trawl	NEFS 10																		
5173	2011	Wolffish	Haddock Otter Trawl	NEFS 11																		
5174	2011	Wolffish	Haddock Otter Trawl	NEFS 12																		
5175	2011	Wolffish	Haddock Otter Trawl	NEFS 13	3	11	2	18.18	0.01	0.00	0.34	3	27.27	0	61728	2195.60	12.00	337	70.10	75	11.50	12

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5176	2011	Wolffish	Haddock Otter Trawl	NEFS 2	16	20	11	55.00	0.00	0.00	0.43	15	75.00	0	258754	185171.60	492.00	688	124.80	136	72.50	78
5177	2011	Wolffish	Haddock Otter Trawl	NEFS 3																		
5178	2011	Wolffish	Haddock Otter Trawl	NEFS 5																		
5179	2011	Wolffish	Haddock Otter Trawl	NEFS 6																		
5180	2011	Wolffish	Haddock Otter Trawl	NEFS 7	6	11	4	36.36	0.00	0.00	0.00	0	0.00	0	53451	9349.60	0.00	0	73.30	79	31.50	34
5181	2011	Wolffish	Haddock Otter Trawl	NEFS 8																		
5182	2011	Wolffish	Haddock Otter Trawl	NEFS 9	16	44	8	18.18	0.00	0.00	0.86	29	65.91	0	457000	113328.20	79.00	319	148.50	158	47.40	51
5183	2011	Wolffish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5184	2011	Wolffish	Haddock Otter Trawl	Sustainable Harvest Sector 1	38	165	42	25.45	0.00	0.00	0.48	77	46.67	0	2584464	1158779.00	163.00	364	707.90	754	296.20	316
5185	2011	Wolffish	Haddock Otter Trawl	Tri-State Sector																		
5186	2011	Wolffish	Handline	Fixed Gear Sector	4	99	36	36.36	0.00	0.00	0.00	0	0.00	0	153649	39442.50	0.00	0	57.20	117	17.30	43
5187	2011	Wolffish	Handline	Maine Coast Community Sector																		
5188	2011	Wolffish	Handline	NCCS	4	26	9	34.62	0.00	0.00	0.00	0	0.00	0	18542	6504.80	0.00	0	12.00	26	4.40	9
5189	2011	Wolffish	Handline	NEFS 10	3	20	1	5.00	0.00					0	17388	511.50	0.00	0	8.60	20	0.50	1
5190	2011	Wolffish	Handline	NEFS 11																		
5191	2011	Wolffish	Handline	NEFS 12																		
5192	2011	Wolffish	Handline	NEFS 13																		
5193	2011	Wolffish	Handline	NEFS 2																		
5194	2011	Wolffish	Handline	NEFS 3																		
5195	2011	Wolffish	Handline	NEFS 5																		
5196	2011	Wolffish	Handline	NEFS 6																		
5197	2011	Wolffish	Handline	NEFS 7																		
5198	2011	Wolffish	Handline	NEFS 8																		
5199	2011	Wolffish	Handline	NEFS 9																		
5200	2011	Wolffish	Handline	Port Clyde Community Groundfish Sector																		
5201	2011	Wolffish	Handline	Sustainable Harvest Sector 1																		
5202	2011	Wolffish	Handline	Tri-State Sector																		
5203	2011	Wolffish	Large Mesh Gillnet	Fixed Gear Sector	19	803	234	29.14	0.00	0.00	0.19	110	13.70	0	2307839	595528.00	665.00	2577	280.80	819	83.30	236
5204	2011	Wolffish	Large Mesh Gillnet	Maine Coast Community Sector																		
5205	2011	Wolffish	Large Mesh Gillnet	NCCS																		
5206	2011	Wolffish	Large Mesh Gillnet	NEFS 10	14	364	149	40.93	0.00	0.00	0.21	91	25.00	0	1139521	444970.30	265.00	679	302.00	508	105.20	193
5207	2011	Wolffish	Large Mesh Gillnet	NEFS 11	24	1299	318	24.48	0.00	0.00	0.29	295	22.71	0	4076694	932163.20	125.00	547	481.80	1332	128.90	326
5208	2011	Wolffish	Large Mesh Gillnet	NEFS 12	7	99	22	22.22	0.00	0.00	0.00	0	0.00	0	1102911	231008.30	0.00	0	385.70	438	80.40	93
5209	2011	Wolffish	Large Mesh Gillnet	NEFS 13																		
5210	2011	Wolffish	Large Mesh Gillnet	NEFS 2																		
5211	2011	Wolffish	Large Mesh Gillnet	NEFS 3	35	2133	724	33.94	0.00	0.00	0.10	119	5.58	0	3531995	1122435.60	1008.00	3172	810.80	2170	289.50	732
5212	2011	Wolffish	Large Mesh Gillnet	NEFS 5																		
5213	2011	Wolffish	Large Mesh Gillnet	NEFS 6																		
5214	2011	Wolffish	Large Mesh Gillnet	NEFS 7	5	15	8	53.33	0.00	0.00	0.39	10	66.67	0	64534	41154.30	31.00	49	49.50	57	32.90	37
5215	2011	Wolffish	Large Mesh Gillnet	NEFS 8																		
5216	2011	Wolffish	Large Mesh Gillnet	NEFS 9																		
5217	2011	Wolffish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector	15	558	146	26.16	0.00	0.00	0.25	108	19.35	0	1857095	452719.70	200.00	820	412.20	740	101.90	182
5218	2011	Wolffish	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	113	31	27.43	0.00	0.00	0.46	53	46.90	0	894379	334188.20	79.00	211	369.50	429	133.30	152
5219	2011	Wolffish	Large Mesh Gillnet	Tri-State Sector																		
5220	2011	Wolffish	Ruhle Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5221	2011	Wolffish	Ruhle Trawl	Maine Coast Community Sector																		
5222	2011	Wolffish	Ruhle Trawl	NCCS																		
5223	2011	Wolffish	Ruhle Trawl	NEFS 10																		
5224	2011	Wolffish	Ruhle Trawl	NEFS 11																		
5225	2011	Wolffish	Ruhle Trawl	NEFS 12																		
5226	2011	Wolffish	Ruhle Trawl	NEFS 13	16	56	9	16.07	0.00	0.00	0.00	0	0.00	0	804866	142583.50	0.00	0	285.30	308	63.90	68
5227	2011	Wolffish	Ruhle Trawl	NEFS 2																		
5228	2011	Wolffish	Ruhle Trawl	NEFS 3																		
5229	2011	Wolffish	Ruhle Trawl	NEFS 5	4	5	0	0.00						0	52344	0.00	0.00		23.30	24	0.00	0
5230	2011	Wolffish	Ruhle Trawl	NEFS 6																		
5231	2011	Wolffish	Ruhle Trawl	NEFS 7																		
5232	2011	Wolffish	Ruhle Trawl	NEFS 8																		
5233	2011	Wolffish	Ruhle Trawl	NEFS 9																		
5234	2011	Wolffish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5235	2011	Wolffish	Ruhle Trawl	Sustainable Harvest Sector 1	8	11	2	18.18	0.00	0.00	0.00	0	0.00	0	152932	6603.20	0.00	0	42.60	46	10.40	11
5236	2011	Wolffish	Ruhle Trawl	Tri-State Sector																		
5237	2012	CC/GOM Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	17	458	112	24.45	0.00	0.00	0.87	335	73.14	8	1275022	345804.70	2.00	7	90.20	463	20.60	112
5238	2012	CC/GOM Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
5239	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NCCS																		
5240	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 10																		
5241	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 11																		
5242	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 12																		
5243	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 13																		
5244	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 2																		
5245	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.00	0	0.00	0	239396	60069.00	0.00	0	120.30	289	28.40	65
5246	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 5																		
5247	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 6																		
5248	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 7																		
5249	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 8																		
5250	2012	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 9																		
5251	2012	CC/GOM Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
5252	2012	CC/GOM Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
5253	2012	CC/GOM Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
5254	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
5255	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.88	101	72.14	54	456434	114711.00	1.00	4	278.60	341	62.80	77
5256	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
5257	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.04	0.00	0.14	41	7.00	265385	1231861	270371.30	11976.00	54565	283.00	601	71.70	151
5258	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.01	0.00	0.30	40	20.94	42729	212781	31661.10	402.00	2702	98.80	200	23.90	44
5259	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.04	0.00	0.35	54	27.27	13826	171583	36010.50	1407.00	6704	102.00	206	23.90	43
5260	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	14	85	11	12.94	0.00	0.00	0.97	52	61.18	13310	927106	118734.20	39.00	305	382.20	420	79.30	86
5261	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	79	2166	490	22.62	0.01	0.00	0.14	126	5.82	452329	9728906	2167766.80	19817.00	88938	2191.00	3209	533.40	782
5262	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
5263	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		
5264	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	11	176	24	13.64	0.00	0.00	0.45	46	26.14	174042	3055209	429037.80	816.00	5811	602.60	659	124.90	136
5265	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	4	37	6	16.22	0.00	0.00	0.00	0	0.00	106038	174030	14216.00	0.00	0	213.40	234	34.20	37

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5266	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	10	59	13	22.03	0.01	0.00	0.81	40	67.80	39479	429683	107601.50	1083.00	4325	382.00	407	108.90	115
5267	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	50	298	62	20.81	0.00	0.00	0.56	144	48.32	218111	3487793	591504.90	1041.00	6138	1272.40	1379	419.60	454
5268	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5269	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	130	1423	223	15.67	0.00	0.00	0.25	163	11.45	180640	17961759	3503737.60	6703.00	34363	4551.90	5074	1065.40	1177
5270	2012	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
5271	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	15	909	174	19.14	0.00	0.00	0.90	620	68.21	3	5531171	932374.50	1.00	6	253.30	909	55.30	174
5272	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5273	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
5274	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	5	38	14	36.84	0.00	0.00	0.87	32	84.21	27	48755	6703.50	1.00	7	26.90	47	6.40	14
5275	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
5276	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
5277	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
5278	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
5279	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	16	157	52	33.12	0.00	0.00	0.00	0	0.00	480	302188	50222.30	0.00	0	130.30	221	32.90	62
5280	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
5281	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
5282	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
5283	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
5284	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
5285	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5286	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5287	2012	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
5288	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
5289	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
5290	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
5291	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
5292	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
5293	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
5294	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
5295	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
5296	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
5297	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
5298	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
5299	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
5300	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
5301	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
5302	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5303	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	7	9	8	88.89	0.00	0.00	0.00	0	0.00	488	57118	59812.30	0.00	0	37.60	40	62.20	67
5304	2012	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
5305	2012	CC/GOM Yellowtail Flounder	Handline	Fixed Gear Sector	3	80	80	100.00	0.00	0.00	0.00	0	0.00	0	9149	3830.40	0.00	0	5.00	9	15.40	81
5306	2012	CC/GOM Yellowtail Flounder	Handline	Maine Coast Community Sector																		
5307	2012	CC/GOM Yellowtail Flounder	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
5308	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 10																		
5309	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 11																		
5310	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5311	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 13																		
5312	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 2																		
5313	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 3																		
5314	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 5																		
5315	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 6																		
5316	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 7																		
5317	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 8																		
5318	2012	CC/GOM Yellowtail Flounder	Handline	NEFS 9																		
5319	2012	CC/GOM Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
5320	2012	CC/GOM Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
5321	2012	CC/GOM Yellowtail Flounder	Handline	Tri-State Sector																		
5322	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.27	165	18.92	216	2465436	522769.10	17.00	80	278.30	878	75.30	200
5323	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector	16	492	99	20.12	0.00	0.00	0.89	340	69.11	53	1611730	318265.90	1.00	5	461.30	729	85.20	137
5324	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
5325	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 10	10	530	125	23.58	0.00	0.00	0.21	70	13.21	84904	1431635	301323.40	175.00	831	321.60	654	47.40	131
5326	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 11	16	1283	302	23.54	0.00	0.00	0.39	433	33.75	2182	3510967	809171.50	91.00	395	520.70	1310	136.60	307
5327	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 12	7	76	9	11.84	0.00	0.00	0.00	0	0.00	0	732589	69166.80	0.00	0	341.30	376	42.20	44
5328	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
5329	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
5330	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	29	1404	327	23.29	0.00	0.00	0.14	84	5.98	158228	2973620	632798.40	2975.00	13980	629.90	1505	140.20	336
5331	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
5332	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
5333	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
5334	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
5335	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
5336	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5337	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	7	114	19	16.67	0.00	0.00	0.56	47	41.23	17	826851	178742.00	8.00	37	370.60	432	74.90	85
5338	2012	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
5339	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
5340	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
5341	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NCCS																		
5342	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
5343	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
5344	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
5345	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
5346	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
5347	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
5348	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
5349	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
5350	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
5351	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
5352	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
5353	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5354	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
5355	2012	CC/GOM Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5356	2012	GB Cod East	Bottom Longline	Fixed Gear Sector																		
5357	2012	GB Cod East	Bottom Longline	Maine Coast Community Sector																		
5358	2012	GB Cod East	Bottom Longline	NCCS																		
5359	2012	GB Cod East	Bottom Longline	NEFS 10																		
5360	2012	GB Cod East	Bottom Longline	NEFS 11																		
5361	2012	GB Cod East	Bottom Longline	NEFS 12																		
5362	2012	GB Cod East	Bottom Longline	NEFS 13																		
5363	2012	GB Cod East	Bottom Longline	NEFS 2																		
5364	2012	GB Cod East	Bottom Longline	NEFS 3																		
5365	2012	GB Cod East	Bottom Longline	NEFS 5																		
5366	2012	GB Cod East	Bottom Longline	NEFS 6																		
5367	2012	GB Cod East	Bottom Longline	NEFS 7																		
5368	2012	GB Cod East	Bottom Longline	NEFS 8																		
5369	2012	GB Cod East	Bottom Longline	NEFS 9																		
5370	2012	GB Cod East	Bottom Longline	Port Clyde Community Groundfish Sector																		
5371	2012	GB Cod East	Bottom Longline	Sustainable Harvest Sector 1																		
5372	2012	GB Cod East	Bottom Longline	Tri-State Sector																		
5373	2012	GB Cod East	Bottom Otter Trawl	Fixed Gear Sector																		
5374	2012	GB Cod East	Bottom Otter Trawl	Maine Coast Community Sector																		
5375	2012	GB Cod East	Bottom Otter Trawl	NCCS																		
5376	2012	GB Cod East	Bottom Otter Trawl	NEFS 10																		
5377	2012	GB Cod East	Bottom Otter Trawl	NEFS 11																		
5378	2012	GB Cod East	Bottom Otter Trawl	NEFS 12																		
5379	2012	GB Cod East	Bottom Otter Trawl	NEFS 13	11	45	13	28.89	0.01	0.00	0.63	29	64.44	5106	361554	44323.80	315.00	2569	338.00	361	101.20	107
5380	2012	GB Cod East	Bottom Otter Trawl	NEFS 2	12	43	5	11.63	0.01	0.00	0.33	6	13.95	5684	422032	31185.70	213.00	2883	312.20	330	47.00	49
5381	2012	GB Cod East	Bottom Otter Trawl	NEFS 3																		
5382	2012	GB Cod East	Bottom Otter Trawl	NEFS 5	4	4	2	50.00	0.04	0.00	0.13	1	25.00	1146	19442	15773.00	581.00	716	23.10	26	13.90	15
5383	2012	GB Cod East	Bottom Otter Trawl	NEFS 6																		
5384	2012	GB Cod East	Bottom Otter Trawl	NEFS 7																		
5385	2012	GB Cod East	Bottom Otter Trawl	NEFS 8	9	52	11	21.15	0.02	0.00	0.60	27	51.92	7894	683463	36507.30	580.00	10858	423.80	448	81.80	86
5386	2012	GB Cod East	Bottom Otter Trawl	NEFS 9	25	124	25	20.16	0.02	0.00	0.29	24	19.35	33807	1617821	202521.50	4681.00	37394	976.90	1040	209.10	221
5387	2012	GB Cod East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5388	2012	GB Cod East	Bottom Otter Trawl	Sustainable Harvest Sector 1	16	106	12	11.32	0.00	0.00	0.56	33	31.13	22555	1018093	57945.50	71.00	1247	779.90	822	98.90	104
5389	2012	GB Cod East	Bottom Otter Trawl	Tri-State Sector																		
5390	2012	GB Cod East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
5391	2012	GB Cod East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5392	2012	GB Cod East	Extra Large Mesh Gillnet	NCCS																		
5393	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 10																		
5394	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 11																		
5395	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 12																		
5396	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 13																		
5397	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 2																		
5398	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 3																		
5399	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 5																		
5400	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5401	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 7																		
5402	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 8																		
5403	2012	GB Cod East	Extra Large Mesh Gillnet	NEFS 9																		
5404	2012	GB Cod East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5405	2012	GB Cod East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5406	2012	GB Cod East	Extra Large Mesh Gillnet	Tri-State Sector																		
5407	2012	GB Cod East	Haddock Otter Trawl	Fixed Gear Sector																		
5408	2012	GB Cod East	Haddock Otter Trawl	Maine Coast Community Sector																		
5409	2012	GB Cod East	Haddock Otter Trawl	NCCS																		
5410	2012	GB Cod East	Haddock Otter Trawl	NEFS 10																		
5411	2012	GB Cod East	Haddock Otter Trawl	NEFS 11																		
5412	2012	GB Cod East	Haddock Otter Trawl	NEFS 12																		
5413	2012	GB Cod East	Haddock Otter Trawl	NEFS 13																		
5414	2012	GB Cod East	Haddock Otter Trawl	NEFS 2	4	6	4	66.67	0.01	0.00	0.11	2	33.33	1743	70143	4524.40	27.00	419	29.90	32	29.40	31
5415	2012	GB Cod East	Haddock Otter Trawl	NEFS 3																		
5416	2012	GB Cod East	Haddock Otter Trawl	NEFS 5																		
5417	2012	GB Cod East	Haddock Otter Trawl	NEFS 6																		
5418	2012	GB Cod East	Haddock Otter Trawl	NEFS 7																		
5419	2012	GB Cod East	Haddock Otter Trawl	NEFS 8																		
5420	2012	GB Cod East	Haddock Otter Trawl	NEFS 9																		
5421	2012	GB Cod East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5422	2012	GB Cod East	Haddock Otter Trawl	Sustainable Harvest Sector 1	12	45	9	20.00	0.02	0.00	0.41	15	33.33	3972	570560	32694.60	714.00	12460	374.30	392	79.70	85
5423	2012	GB Cod East	Haddock Otter Trawl	Tri-State Sector																		
5424	2012	GB Cod East	Handline	Fixed Gear Sector																		
5425	2012	GB Cod East	Handline	Maine Coast Community Sector																		
5426	2012	GB Cod East	Handline	NCCS																		
5427	2012	GB Cod East	Handline	NEFS 10																		
5428	2012	GB Cod East	Handline	NEFS 11																		
5429	2012	GB Cod East	Handline	NEFS 12																		
5430	2012	GB Cod East	Handline	NEFS 13																		
5431	2012	GB Cod East	Handline	NEFS 2																		
5432	2012	GB Cod East	Handline	NEFS 3																		
5433	2012	GB Cod East	Handline	NEFS 5																		
5434	2012	GB Cod East	Handline	NEFS 6																		
5435	2012	GB Cod East	Handline	NEFS 7																		
5436	2012	GB Cod East	Handline	NEFS 8																		
5437	2012	GB Cod East	Handline	NEFS 9																		
5438	2012	GB Cod East	Handline	Port Clyde Community Groundfish Sector																		
5439	2012	GB Cod East	Handline	Sustainable Harvest Sector 1																		
5440	2012	GB Cod East	Handline	Tri-State Sector																		
5441	2012	GB Cod East	Large Mesh Gillnet	Fixed Gear Sector																		
5442	2012	GB Cod East	Large Mesh Gillnet	Maine Coast Community Sector																		
5443	2012	GB Cod East	Large Mesh Gillnet	NCCS																		
5444	2012	GB Cod East	Large Mesh Gillnet	NEFS 10																		
5445	2012	GB Cod East	Large Mesh Gillnet	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5446	2012	GB Cod East	Large Mesh Gillnet	NEFS 12																		
5447	2012	GB Cod East	Large Mesh Gillnet	NEFS 13																		
5448	2012	GB Cod East	Large Mesh Gillnet	NEFS 2																		
5449	2012	GB Cod East	Large Mesh Gillnet	NEFS 3																		
5450	2012	GB Cod East	Large Mesh Gillnet	NEFS 5																		
5451	2012	GB Cod East	Large Mesh Gillnet	NEFS 6																		
5452	2012	GB Cod East	Large Mesh Gillnet	NEFS 7																		
5453	2012	GB Cod East	Large Mesh Gillnet	NEFS 8																		
5454	2012	GB Cod East	Large Mesh Gillnet	NEFS 9																		
5455	2012	GB Cod East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5456	2012	GB Cod East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5457	2012	GB Cod East	Large Mesh Gillnet	Tri-State Sector																		
5458	2012	GB Cod East	Ruhle Trawl	Fixed Gear Sector																		
5459	2012	GB Cod East	Ruhle Trawl	Maine Coast Community Sector																		
5460	2012	GB Cod East	Ruhle Trawl	NCCS																		
5461	2012	GB Cod East	Ruhle Trawl	NEFS 10																		
5462	2012	GB Cod East	Ruhle Trawl	NEFS 11																		
5463	2012	GB Cod East	Ruhle Trawl	NEFS 12																		
5464	2012	GB Cod East	Ruhle Trawl	NEFS 13																		
5465	2012	GB Cod East	Ruhle Trawl	NEFS 2																		
5466	2012	GB Cod East	Ruhle Trawl	NEFS 3																		
5467	2012	GB Cod East	Ruhle Trawl	NEFS 5																		
5468	2012	GB Cod East	Ruhle Trawl	NEFS 6																		
5469	2012	GB Cod East	Ruhle Trawl	NEFS 7																		
5470	2012	GB Cod East	Ruhle Trawl	NEFS 8																		
5471	2012	GB Cod East	Ruhle Trawl	NEFS 9																		
5472	2012	GB Cod East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5473	2012	GB Cod East	Ruhle Trawl	Sustainable Harvest Sector 1																		
5474	2012	GB Cod East	Ruhle Trawl	Tri-State Sector																		
5475	2012	GB Cod West	Bottom Longline	Fixed Gear Sector	12	416	106	25.48	0.00	0.00	0.86	308	74.04	9619	1190244	333205.50	263.00	939	70.00	420	18.80	107
5476	2012	GB Cod West	Bottom Longline	Maine Coast Community Sector																		
5477	2012	GB Cod West	Bottom Longline	NCCS																		
5478	2012	GB Cod West	Bottom Longline	NEFS 10																		
5479	2012	GB Cod West	Bottom Longline	NEFS 11																		
5480	2012	GB Cod West	Bottom Longline	NEFS 12																		
5481	2012	GB Cod West	Bottom Longline	NEFS 13																		
5482	2012	GB Cod West	Bottom Longline	NEFS 2																		
5483	2012	GB Cod West	Bottom Longline	NEFS 3																		
5484	2012	GB Cod West	Bottom Longline	NEFS 5																		
5485	2012	GB Cod West	Bottom Longline	NEFS 6																		
5486	2012	GB Cod West	Bottom Longline	NEFS 7																		
5487	2012	GB Cod West	Bottom Longline	NEFS 8																		
5488	2012	GB Cod West	Bottom Longline	NEFS 9																		
5489	2012	GB Cod West	Bottom Longline	Port Clyde Community Groundfish Sector																		
5490	2012	GB Cod West	Bottom Longline	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5491	2012	GB Cod West	Bottom Longline	Tri-State Sector																		
5492	2012	GB Cod West	Bottom Otter Trawl	Fixed Gear Sector																		
5493	2012	GB Cod West	Bottom Otter Trawl	Maine Coast Community Sector																		
5494	2012	GB Cod West	Bottom Otter Trawl	NCCS																		
5495	2012	GB Cod West	Bottom Otter Trawl	NEFS 10																		
5496	2012	GB Cod West	Bottom Otter Trawl	NEFS 11																		
5497	2012	GB Cod West	Bottom Otter Trawl	NEFS 12																		
5498	2012	GB Cod West	Bottom Otter Trawl	NEFS 13	72	551	90	16.33	0.01	0.00	0.25	68	12.34	381609	3821420	769487.80	3904.00	19388	1200.80	1428	261.90	298
5499	2012	GB Cod West	Bottom Otter Trawl	NEFS 2	24	202	44	21.78	0.00	0.00	0.16	15	7.43	230627	2441766	605516.90	1085.00	4375	941.60	1020	241.90	263
5500	2012	GB Cod West	Bottom Otter Trawl	NEFS 3																		
5501	2012	GB Cod West	Bottom Otter Trawl	NEFS 5	52	649	135	20.80	0.00	0.00	0.30	135	20.80	88528	4892316	1107457.80	2449.00	10819	612.80	911	134.70	197
5502	2012	GB Cod West	Bottom Otter Trawl	NEFS 6	7	75	14	18.67	0.00	0.00	0.44	26	34.67	83104	1421469	225029.20	72.00	455	442.60	475	92.60	99
5503	2012	GB Cod West	Bottom Otter Trawl	NEFS 7	16	167	29	17.37	0.00	0.00	0.48	59	35.33	95375	2005901	395164.80	1368.00	6944	571.10	636	150.90	163
5504	2012	GB Cod West	Bottom Otter Trawl	NEFS 8	20	161	22	13.66	0.02	0.00	0.46	43	26.71	244435	1627165	355701.20	6926.00	31683	838.10	893	171.70	182
5505	2012	GB Cod West	Bottom Otter Trawl	NEFS 9	70	473	86	18.18	0.01	0.00	0.20	43	9.09	873032	5903806	1223001.10	14502.00	70006	2335.20	2517	583.80	631
5506	2012	GB Cod West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5507	2012	GB Cod West	Bottom Otter Trawl	Sustainable Harvest Sector 1	53	483	91	18.84	0.01	0.00	0.29	89	18.43	864470	5840617	980602.40	9560.00	56941	2428.00	2607	633.20	679
5508	2012	GB Cod West	Bottom Otter Trawl	Tri-State Sector																		
5509	2012	GB Cod West	Extra Large Mesh Gillnet	Fixed Gear Sector	22	938	183	19.51	0.00	0.00	0.75	568	60.55	525	5674580	990365.20	109.00	625	282.20	952	67.60	191
5510	2012	GB Cod West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5511	2012	GB Cod West	Extra Large Mesh Gillnet	NCCS																		
5512	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 10																		
5513	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 11																		
5514	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 12																		
5515	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 13																		
5516	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 2																		
5517	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 3	5	10	3	30.00	0.00	0.00	0.00	0	0.00	0	30885	13988.50	0.00	0	14.50	20	3.20	4
5518	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 5																		
5519	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 6																		
5520	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 7	3	45	15	33.33	0.00	0.00	0.62	31	68.89	398	234369	65237.40	8.00	29	31.10	46	11.00	18
5521	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 8																		
5522	2012	GB Cod West	Extra Large Mesh Gillnet	NEFS 9																		
5523	2012	GB Cod West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5524	2012	GB Cod West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5525	2012	GB Cod West	Extra Large Mesh Gillnet	Tri-State Sector																		
5526	2012	GB Cod West	Haddock Otter Trawl	Fixed Gear Sector																		
5527	2012	GB Cod West	Haddock Otter Trawl	Maine Coast Community Sector																		
5528	2012	GB Cod West	Haddock Otter Trawl	NCCS																		
5529	2012	GB Cod West	Haddock Otter Trawl	NEFS 10																		
5530	2012	GB Cod West	Haddock Otter Trawl	NEFS 11																		
5531	2012	GB Cod West	Haddock Otter Trawl	NEFS 12																		
5532	2012	GB Cod West	Haddock Otter Trawl	NEFS 13																		
5533	2012	GB Cod West	Haddock Otter Trawl	NEFS 2																		
5534	2012	GB Cod West	Haddock Otter Trawl	NEFS 3																		
5535	2012	GB Cod West	Haddock Otter Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5536	2012	GB Cod West	Haddock Otter Trawl	NEFS 6																		
5537	2012	GB Cod West	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						1142	26948	0.00	0.00		60.50	66	0.00	0
5538	2012	GB Cod West	Haddock Otter Trawl	NEFS 8																		
5539	2012	GB Cod West	Haddock Otter Trawl	NEFS 9																		
5540	2012	GB Cod West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5541	2012	GB Cod West	Haddock Otter Trawl	Sustainable Harvest Sector 1	13	22	9	40.91	0.00	0.00	0.51	15	68.18	35519	210488	22882.20	99.00	911	150.40	158	71.90	77
5542	2012	GB Cod West	Haddock Otter Trawl	Tri-State Sector																		
5543	2012	GB Cod West	Handline	Fixed Gear Sector	3	82	82	100.00	0.02	0.00	0.00	0	0.00	2688	9808	4115.30	85.00	203	5.00	9	17.90	84
5544	2012	GB Cod West	Handline	Maine Coast Community Sector																		
5545	2012	GB Cod West	Handline	NCCS																		
5546	2012	GB Cod West	Handline	NEFS 10																		
5547	2012	GB Cod West	Handline	NEFS 11																		
5548	2012	GB Cod West	Handline	NEFS 12																		
5549	2012	GB Cod West	Handline	NEFS 13																		
5550	2012	GB Cod West	Handline	NEFS 2																		
5551	2012	GB Cod West	Handline	NEFS 3																		
5552	2012	GB Cod West	Handline	NEFS 5																		
5553	2012	GB Cod West	Handline	NEFS 6																		
5554	2012	GB Cod West	Handline	NEFS 7																		
5555	2012	GB Cod West	Handline	NEFS 8																		
5556	2012	GB Cod West	Handline	NEFS 9																		
5557	2012	GB Cod West	Handline	Port Clyde Community Groundfish Sector																		
5558	2012	GB Cod West	Handline	Sustainable Harvest Sector 1																		
5559	2012	GB Cod West	Handline	Tri-State Sector																		
5560	2012	GB Cod West	Large Mesh Gillnet	Fixed Gear Sector	17	866	196	22.63	0.01	0.00	0.11	36	4.16	157512	2458358	521607.10	3565.00	16802	275.50	871	74.60	198
5561	2012	GB Cod West	Large Mesh Gillnet	Maine Coast Community Sector																		
5562	2012	GB Cod West	Large Mesh Gillnet	NCCS																		
5563	2012	GB Cod West	Large Mesh Gillnet	NEFS 10	3	27	3	11.11	0.01	0.00	0.60	10	37.04	10927	80327	4616.40	42.00	731	34.10	49	7.50	9
5564	2012	GB Cod West	Large Mesh Gillnet	NEFS 11																		
5565	2012	GB Cod West	Large Mesh Gillnet	NEFS 12																		
5566	2012	GB Cod West	Large Mesh Gillnet	NEFS 13																		
5567	2012	GB Cod West	Large Mesh Gillnet	NEFS 2																		
5568	2012	GB Cod West	Large Mesh Gillnet	NEFS 3	7	47	1	2.13	0.01					26718	110865	1796.10	19.00	1173	47.40	75	2.50	3
5569	2012	GB Cod West	Large Mesh Gillnet	NEFS 5																		
5570	2012	GB Cod West	Large Mesh Gillnet	NEFS 6																		
5571	2012	GB Cod West	Large Mesh Gillnet	NEFS 7																		
5572	2012	GB Cod West	Large Mesh Gillnet	NEFS 8																		
5573	2012	GB Cod West	Large Mesh Gillnet	NEFS 9																		
5574	2012	GB Cod West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5575	2012	GB Cod West	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5576	2012	GB Cod West	Large Mesh Gillnet	Tri-State Sector																		
5577	2012	GB Cod West	Ruhle Trawl	Fixed Gear Sector																		
5578	2012	GB Cod West	Ruhle Trawl	Maine Coast Community Sector																		
5579	2012	GB Cod West	Ruhle Trawl	NCCS																		
5580	2012	GB Cod West	Ruhle Trawl	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5581	2012	GB Cod West	Ruhle Trawl	NEFS 11																		
5582	2012	GB Cod West	Ruhle Trawl	NEFS 12																		
5583	2012	GB Cod West	Ruhle Trawl	NEFS 13	4	7	0	0.00						647	18192	0.00	0.00		40.50	43	0.00	0
5584	2012	GB Cod West	Ruhle Trawl	NEFS 2																		
5585	2012	GB Cod West	Ruhle Trawl	NEFS 3																		
5586	2012	GB Cod West	Ruhle Trawl	NEFS 5																		
5587	2012	GB Cod West	Ruhle Trawl	NEFS 6																		
5588	2012	GB Cod West	Ruhle Trawl	NEFS 7																		
5589	2012	GB Cod West	Ruhle Trawl	NEFS 8																		
5590	2012	GB Cod West	Ruhle Trawl	NEFS 9																		
5591	2012	GB Cod West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5592	2012	GB Cod West	Ruhle Trawl	Sustainable Harvest Sector 1																		
5593	2012	GB Cod West	Ruhle Trawl	Tri-State Sector																		
5594	2012	GB Haddock East	Bottom Longline	Fixed Gear Sector																		
5595	2012	GB Haddock East	Bottom Longline	Maine Coast Community Sector																		
5596	2012	GB Haddock East	Bottom Longline	NCCS																		
5597	2012	GB Haddock East	Bottom Longline	NEFS 10																		
5598	2012	GB Haddock East	Bottom Longline	NEFS 11																		
5599	2012	GB Haddock East	Bottom Longline	NEFS 12																		
5600	2012	GB Haddock East	Bottom Longline	NEFS 13																		
5601	2012	GB Haddock East	Bottom Longline	NEFS 2																		
5602	2012	GB Haddock East	Bottom Longline	NEFS 3																		
5603	2012	GB Haddock East	Bottom Longline	NEFS 5																		
5604	2012	GB Haddock East	Bottom Longline	NEFS 6																		
5605	2012	GB Haddock East	Bottom Longline	NEFS 7																		
5606	2012	GB Haddock East	Bottom Longline	NEFS 8																		
5607	2012	GB Haddock East	Bottom Longline	NEFS 9																		
5608	2012	GB Haddock East	Bottom Longline	Port Clyde Community Groundfish Sector																		
5609	2012	GB Haddock East	Bottom Longline	Sustainable Harvest Sector 1																		
5610	2012	GB Haddock East	Bottom Longline	Tri-State Sector																		
5611	2012	GB Haddock East	Bottom Otter Trawl	Fixed Gear Sector																		
5612	2012	GB Haddock East	Bottom Otter Trawl	Maine Coast Community Sector																		
5613	2012	GB Haddock East	Bottom Otter Trawl	NCCS																		
5614	2012	GB Haddock East	Bottom Otter Trawl	NEFS 10																		
5615	2012	GB Haddock East	Bottom Otter Trawl	NEFS 11																		
5616	2012	GB Haddock East	Bottom Otter Trawl	NEFS 12																		
5617	2012	GB Haddock East	Bottom Otter Trawl	NEFS 13	11	45	13	28.89	0.02	0.00	0.67	31	68.89	38369	361554	44323.80	807.00	6583	338.00	361	101.20	107
5618	2012	GB Haddock East	Bottom Otter Trawl	NEFS 2	12	43	5	11.63	0.01	0.00	0.38	8	18.60	78869	422032	31185.70	341.00	4615	312.20	330	47.00	49
5619	2012	GB Haddock East	Bottom Otter Trawl	NEFS 3																		
5620	2012	GB Haddock East	Bottom Otter Trawl	NEFS 5	4	4	2	50.00	0.18	0.00	0.20	2	50.00	1122	19442	15773.00	2780.00	3427	23.10	26	13.90	15
5621	2012	GB Haddock East	Bottom Otter Trawl	NEFS 6																		
5622	2012	GB Haddock East	Bottom Otter Trawl	NEFS 7																		
5623	2012	GB Haddock East	Bottom Otter Trawl	NEFS 8	9	52	11	21.15	0.01	0.00	0.28	11	21.15	33382	669159	36507.30	535.00	9806	423.80	448	81.80	86
5624	2012	GB Haddock East	Bottom Otter Trawl	NEFS 9	25	124	25	20.16	0.07	0.00	0.53	55	44.35	124926	1617821	202521.50	13652.00	109058	976.90	1040	209.10	221
5625	2012	GB Haddock East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5626	2012	GB Haddock East	Bottom Otter Trawl	Sustainable Harvest Sector 1	16	106	12	11.32	0.01	0.00	0.41	21	19.81	211806	1023864	57945.50	411.00	7262	779.90	822	98.90	104
5627	2012	GB Haddock East	Bottom Otter Trawl	Tri-State Sector																		
5628	2012	GB Haddock East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
5629	2012	GB Haddock East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5630	2012	GB Haddock East	Extra Large Mesh Gillnet	NCCS																		
5631	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 10																		
5632	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 11																		
5633	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 12																		
5634	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 13																		
5635	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 2																		
5636	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 3																		
5637	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 5																		
5638	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 6																		
5639	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 7																		
5640	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 8																		
5641	2012	GB Haddock East	Extra Large Mesh Gillnet	NEFS 9																		
5642	2012	GB Haddock East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5643	2012	GB Haddock East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5644	2012	GB Haddock East	Extra Large Mesh Gillnet	Tri-State Sector																		
5645	2012	GB Haddock East	Haddock Otter Trawl	Fixed Gear Sector																		
5646	2012	GB Haddock East	Haddock Otter Trawl	Maine Coast Community Sector																		
5647	2012	GB Haddock East	Haddock Otter Trawl	NCCS																		
5648	2012	GB Haddock East	Haddock Otter Trawl	NEFS 10																		
5649	2012	GB Haddock East	Haddock Otter Trawl	NEFS 11																		
5650	2012	GB Haddock East	Haddock Otter Trawl	NEFS 12																		
5651	2012	GB Haddock East	Haddock Otter Trawl	NEFS 13																		
5652	2012	GB Haddock East	Haddock Otter Trawl	NEFS 2	4	6	4	66.67	0.04	0.00	0.33	5	83.33	7463	70143	4524.40	172.00	2667	29.90	32	29.40	31
5653	2012	GB Haddock East	Haddock Otter Trawl	NEFS 3																		
5654	2012	GB Haddock East	Haddock Otter Trawl	NEFS 5																		
5655	2012	GB Haddock East	Haddock Otter Trawl	NEFS 6																		
5656	2012	GB Haddock East	Haddock Otter Trawl	NEFS 7																		
5657	2012	GB Haddock East	Haddock Otter Trawl	NEFS 8																		
5658	2012	GB Haddock East	Haddock Otter Trawl	NEFS 9																		
5659	2012	GB Haddock East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5660	2012	GB Haddock East	Haddock Otter Trawl	Sustainable Harvest Sector 1	12	45	9	20.00	0.06	0.00	0.42	15	33.33	158768	578469	32694.60	1842.00	32591	374.30	392	79.70	85
5661	2012	GB Haddock East	Haddock Otter Trawl	Tri-State Sector																		
5662	2012	GB Haddock East	Handline	Fixed Gear Sector																		
5663	2012	GB Haddock East	Handline	Maine Coast Community Sector																		
5664	2012	GB Haddock East	Handline	NCCS																		
5665	2012	GB Haddock East	Handline	NEFS 10																		
5666	2012	GB Haddock East	Handline	NEFS 11																		
5667	2012	GB Haddock East	Handline	NEFS 12																		
5668	2012	GB Haddock East	Handline	NEFS 13																		
5669	2012	GB Haddock East	Handline	NEFS 2																		
5670	2012	GB Haddock East	Handline	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5671	2012	GB Haddock East	Handline	NEFS 5																		
5672	2012	GB Haddock East	Handline	NEFS 6																		
5673	2012	GB Haddock East	Handline	NEFS 7																		
5674	2012	GB Haddock East	Handline	NEFS 8																		
5675	2012	GB Haddock East	Handline	NEFS 9																		
5676	2012	GB Haddock East	Handline	Port Clyde Community Groundfish Sector																		
5677	2012	GB Haddock East	Handline	Sustainable Harvest Sector 1																		
5678	2012	GB Haddock East	Handline	Tri-State Sector																		
5679	2012	GB Haddock East	Large Mesh Gillnet	Fixed Gear Sector																		
5680	2012	GB Haddock East	Large Mesh Gillnet	Maine Coast Community Sector																		
5681	2012	GB Haddock East	Large Mesh Gillnet	NCCS																		
5682	2012	GB Haddock East	Large Mesh Gillnet	NEFS 10																		
5683	2012	GB Haddock East	Large Mesh Gillnet	NEFS 11																		
5684	2012	GB Haddock East	Large Mesh Gillnet	NEFS 12																		
5685	2012	GB Haddock East	Large Mesh Gillnet	NEFS 13																		
5686	2012	GB Haddock East	Large Mesh Gillnet	NEFS 2																		
5687	2012	GB Haddock East	Large Mesh Gillnet	NEFS 3																		
5688	2012	GB Haddock East	Large Mesh Gillnet	NEFS 5																		
5689	2012	GB Haddock East	Large Mesh Gillnet	NEFS 6																		
5690	2012	GB Haddock East	Large Mesh Gillnet	NEFS 7																		
5691	2012	GB Haddock East	Large Mesh Gillnet	NEFS 8																		
5692	2012	GB Haddock East	Large Mesh Gillnet	NEFS 9																		
5693	2012	GB Haddock East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5694	2012	GB Haddock East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5695	2012	GB Haddock East	Large Mesh Gillnet	Tri-State Sector																		
5696	2012	GB Haddock East	Ruhle Trawl	Fixed Gear Sector																		
5697	2012	GB Haddock East	Ruhle Trawl	Maine Coast Community Sector																		
5698	2012	GB Haddock East	Ruhle Trawl	NCCS																		
5699	2012	GB Haddock East	Ruhle Trawl	NEFS 10																		
5700	2012	GB Haddock East	Ruhle Trawl	NEFS 11																		
5701	2012	GB Haddock East	Ruhle Trawl	NEFS 12																		
5702	2012	GB Haddock East	Ruhle Trawl	NEFS 13																		
5703	2012	GB Haddock East	Ruhle Trawl	NEFS 2																		
5704	2012	GB Haddock East	Ruhle Trawl	NEFS 3																		
5705	2012	GB Haddock East	Ruhle Trawl	NEFS 5																		
5706	2012	GB Haddock East	Ruhle Trawl	NEFS 6																		
5707	2012	GB Haddock East	Ruhle Trawl	NEFS 7																		
5708	2012	GB Haddock East	Ruhle Trawl	NEFS 8																		
5709	2012	GB Haddock East	Ruhle Trawl	NEFS 9																		
5710	2012	GB Haddock East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5711	2012	GB Haddock East	Ruhle Trawl	Sustainable Harvest Sector 1																		
5712	2012	GB Haddock East	Ruhle Trawl	Tri-State Sector																		
5713	2012	GB Haddock West	Bottom Longline	Fixed Gear Sector	12	416	106	25.48	0.00	0.00	0.86	308	74.04	3029	1189583	333205.50	160.00	571	70.00	420	18.80	107
5714	2012	GB Haddock West	Bottom Longline	Maine Coast Community Sector																		
5715	2012	GB Haddock West	Bottom Longline	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5716	2012	GB Haddock West	Bottom Longline	NEFS 10																		
5717	2012	GB Haddock West	Bottom Longline	NEFS 11																		
5718	2012	GB Haddock West	Bottom Longline	NEFS 12																		
5719	2012	GB Haddock West	Bottom Longline	NEFS 13																		
5720	2012	GB Haddock West	Bottom Longline	NEFS 2																		
5721	2012	GB Haddock West	Bottom Longline	NEFS 3																		
5722	2012	GB Haddock West	Bottom Longline	NEFS 5																		
5723	2012	GB Haddock West	Bottom Longline	NEFS 6																		
5724	2012	GB Haddock West	Bottom Longline	NEFS 7																		
5725	2012	GB Haddock West	Bottom Longline	NEFS 8																		
5726	2012	GB Haddock West	Bottom Longline	NEFS 9																		
5727	2012	GB Haddock West	Bottom Longline	Port Clyde Community Groundfish Sector																		
5728	2012	GB Haddock West	Bottom Longline	Sustainable Harvest Sector 1																		
5729	2012	GB Haddock West	Bottom Longline	Tri-State Sector																		
5730	2012	GB Haddock West	Bottom Otter Trawl	Fixed Gear Sector																		
5731	2012	GB Haddock West	Bottom Otter Trawl	Maine Coast Community Sector																		
5732	2012	GB Haddock West	Bottom Otter Trawl	NCCS																		
5733	2012	GB Haddock West	Bottom Otter Trawl	NEFS 10																		
5734	2012	GB Haddock West	Bottom Otter Trawl	NEFS 11																		
5735	2012	GB Haddock West	Bottom Otter Trawl	NEFS 12																		
5736	2012	GB Haddock West	Bottom Otter Trawl	NEFS 13	72	551	90	16.33	0.01	0.00	0.33	107	19.42	138828	3829620	769487.80	3957.00	19693	1200.80	1428	261.90	298
5737	2012	GB Haddock West	Bottom Otter Trawl	NEFS 2	24	202	44	21.78	0.01	0.00	0.33	51	25.25	113993	2441766	605516.90	3154.00	12719	941.60	1020	241.90	263
5738	2012	GB Haddock West	Bottom Otter Trawl	NEFS 3																		
5739	2012	GB Haddock West	Bottom Otter Trawl	NEFS 5	52	649	135	20.80	0.00	0.00	0.88	452	69.65	7058	4892316	1107457.80	2115.00	9343	612.80	911	134.70	197
5740	2012	GB Haddock West	Bottom Otter Trawl	NEFS 6	7	75	14	18.67	0.00	0.00	0.59	36	48.00	55941	1421469	225029.20	222.00	1402	442.60	475	92.60	99
5741	2012	GB Haddock West	Bottom Otter Trawl	NEFS 7	16	167	29	17.37	0.00	0.00	0.46	55	32.93	38148	2005901	395164.80	776.00	3939	571.10	636	150.90	163
5742	2012	GB Haddock West	Bottom Otter Trawl	NEFS 8	20	161	22	13.66	0.06	0.00	0.80	86	53.42	115989	1627165	355701.20	22653.00	103627	838.10	893	171.70	182
5743	2012	GB Haddock West	Bottom Otter Trawl	NEFS 9	70	473	86	18.18	0.03	0.00	0.45	158	33.40	372325	5904691	1223001.10	33660.00	162512	2335.20	2517	583.80	631
5744	2012	GB Haddock West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5745	2012	GB Haddock West	Bottom Otter Trawl	Sustainable Harvest Sector 1	53	483	91	18.84	0.02	0.00	0.24	61	12.63	351262	5840617	980602.40	16019.00	95412	2428.00	2607	633.20	679
5746	2012	GB Haddock West	Bottom Otter Trawl	Tri-State Sector																		
5747	2012	GB Haddock West	Extra Large Mesh Gillnet	Fixed Gear Sector	22	938	183	19.51	0.00	0.00	0.90	644	68.66	24	5674580	990365.20	1.00	6	282.20	952	67.60	191
5748	2012	GB Haddock West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5749	2012	GB Haddock West	Extra Large Mesh Gillnet	NCCS																		
5750	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 10																		
5751	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 11																		
5752	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 12																		
5753	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 13																		
5754	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 2																		
5755	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 3	5	10	3	30.00	0.00	0.00	0.00	0	0.00	7	30885	13988.50	0.00	0	14.50	20	3.20	4
5756	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 5																		
5757	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 6																		
5758	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 7	3	45	15	33.33	0.00	0.00	0.00	0	0.00	0	234369	65237.40	0.00	0	31.10	46	11.00	18
5759	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 8																		
5760	2012	GB Haddock West	Extra Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5761	2012	GB Haddock West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5762	2012	GB Haddock West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5763	2012	GB Haddock West	Extra Large Mesh Gillnet	Tri-State Sector																		
5764	2012	GB Haddock West	Haddock Otter Trawl	Fixed Gear Sector																		
5765	2012	GB Haddock West	Haddock Otter Trawl	Maine Coast Community Sector																		
5766	2012	GB Haddock West	Haddock Otter Trawl	NCCS																		
5767	2012	GB Haddock West	Haddock Otter Trawl	NEFS 10																		
5768	2012	GB Haddock West	Haddock Otter Trawl	NEFS 11																		
5769	2012	GB Haddock West	Haddock Otter Trawl	NEFS 12																		
5770	2012	GB Haddock West	Haddock Otter Trawl	NEFS 13																		
5771	2012	GB Haddock West	Haddock Otter Trawl	NEFS 2																		
5772	2012	GB Haddock West	Haddock Otter Trawl	NEFS 3																		
5773	2012	GB Haddock West	Haddock Otter Trawl	NEFS 5																		
5774	2012	GB Haddock West	Haddock Otter Trawl	NEFS 6																		
5775	2012	GB Haddock West	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						2882	26948	0.00	0.00		60.50	66	0.00	0
5776	2012	GB Haddock West	Haddock Otter Trawl	NEFS 8																		
5777	2012	GB Haddock West	Haddock Otter Trawl	NEFS 9																		
5778	2012	GB Haddock West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5779	2012	GB Haddock West	Haddock Otter Trawl	Sustainable Harvest Sector 1	13	22	9	40.91	0.01	0.00	0.61	17	77.27	141711	210488	22882.20	297.00	2732	150.40	158	71.90	77
5780	2012	GB Haddock West	Haddock Otter Trawl	Tri-State Sector																		
5781	2012	GB Haddock West	Handline	Fixed Gear Sector	3	82	82	100.00	0.00	0.00	0.00	0	0.00	40	9149	4115.30	3.00	7	5.00	9	17.90	84
5782	2012	GB Haddock West	Handline	Maine Coast Community Sector																		
5783	2012	GB Haddock West	Handline	NCCS																		
5784	2012	GB Haddock West	Handline	NEFS 10																		
5785	2012	GB Haddock West	Handline	NEFS 11																		
5786	2012	GB Haddock West	Handline	NEFS 12																		
5787	2012	GB Haddock West	Handline	NEFS 13																		
5788	2012	GB Haddock West	Handline	NEFS 2																		
5789	2012	GB Haddock West	Handline	NEFS 3																		
5790	2012	GB Haddock West	Handline	NEFS 5																		
5791	2012	GB Haddock West	Handline	NEFS 6																		
5792	2012	GB Haddock West	Handline	NEFS 7																		
5793	2012	GB Haddock West	Handline	NEFS 8																		
5794	2012	GB Haddock West	Handline	NEFS 9																		
5795	2012	GB Haddock West	Handline	Port Clyde Community Groundfish Sector																		
5796	2012	GB Haddock West	Handline	Sustainable Harvest Sector 1																		
5797	2012	GB Haddock West	Handline	Tri-State Sector																		
5798	2012	GB Haddock West	Large Mesh Gillnet	Fixed Gear Sector	17	866	196	22.63	0.00	0.00	0.15	60	6.93	11151	2458358	521607.10	1646.00	7758	275.50	871	74.60	198
5799	2012	GB Haddock West	Large Mesh Gillnet	Maine Coast Community Sector																		
5800	2012	GB Haddock West	Large Mesh Gillnet	NCCS																		
5801	2012	GB Haddock West	Large Mesh Gillnet	NEFS 10	3	27	3	11.11	0.00	0.00	0.00	0	0.00	89	80327	4616.40	0.00	0	34.10	49	7.50	9
5802	2012	GB Haddock West	Large Mesh Gillnet	NEFS 11																		
5803	2012	GB Haddock West	Large Mesh Gillnet	NEFS 12																		
5804	2012	GB Haddock West	Large Mesh Gillnet	NEFS 13																		
5805	2012	GB Haddock West	Large Mesh Gillnet	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5806	2012	GB Haddock West	Large Mesh Gillnet	NEFS 3	7	47	1	2.13	0.00					687	110865	1796.10	0.00	0	47.40	75	2.50	3
5807	2012	GB Haddock West	Large Mesh Gillnet	NEFS 5																		
5808	2012	GB Haddock West	Large Mesh Gillnet	NEFS 6																		
5809	2012	GB Haddock West	Large Mesh Gillnet	NEFS 7																		
5810	2012	GB Haddock West	Large Mesh Gillnet	NEFS 8																		
5811	2012	GB Haddock West	Large Mesh Gillnet	NEFS 9																		
5812	2012	GB Haddock West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5813	2012	GB Haddock West	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5814	2012	GB Haddock West	Large Mesh Gillnet	Tri-State Sector																		
5815	2012	GB Haddock West	Ruhle Trawl	Fixed Gear Sector																		
5816	2012	GB Haddock West	Ruhle Trawl	Maine Coast Community Sector																		
5817	2012	GB Haddock West	Ruhle Trawl	NCCS																		
5818	2012	GB Haddock West	Ruhle Trawl	NEFS 10																		
5819	2012	GB Haddock West	Ruhle Trawl	NEFS 11																		
5820	2012	GB Haddock West	Ruhle Trawl	NEFS 12																		
5821	2012	GB Haddock West	Ruhle Trawl	NEFS 13	4	7	0	0.00						15472	21328	0.00	0.00		40.50	43	0.00	0
5822	2012	GB Haddock West	Ruhle Trawl	NEFS 2																		
5823	2012	GB Haddock West	Ruhle Trawl	NEFS 3																		
5824	2012	GB Haddock West	Ruhle Trawl	NEFS 5																		
5825	2012	GB Haddock West	Ruhle Trawl	NEFS 6																		
5826	2012	GB Haddock West	Ruhle Trawl	NEFS 7																		
5827	2012	GB Haddock West	Ruhle Trawl	NEFS 8																		
5828	2012	GB Haddock West	Ruhle Trawl	NEFS 9																		
5829	2012	GB Haddock West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5830	2012	GB Haddock West	Ruhle Trawl	Sustainable Harvest Sector 1																		
5831	2012	GB Haddock West	Ruhle Trawl	Tri-State Sector																		
5832	2012	GB Winter Flounder	Bottom Longline	Fixed Gear Sector																		
5833	2012	GB Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
5834	2012	GB Winter Flounder	Bottom Longline	NCCS																		
5835	2012	GB Winter Flounder	Bottom Longline	NEFS 10																		
5836	2012	GB Winter Flounder	Bottom Longline	NEFS 11																		
5837	2012	GB Winter Flounder	Bottom Longline	NEFS 12																		
5838	2012	GB Winter Flounder	Bottom Longline	NEFS 13																		
5839	2012	GB Winter Flounder	Bottom Longline	NEFS 2																		
5840	2012	GB Winter Flounder	Bottom Longline	NEFS 3																		
5841	2012	GB Winter Flounder	Bottom Longline	NEFS 5																		
5842	2012	GB Winter Flounder	Bottom Longline	NEFS 6																		
5843	2012	GB Winter Flounder	Bottom Longline	NEFS 7																		
5844	2012	GB Winter Flounder	Bottom Longline	NEFS 8																		
5845	2012	GB Winter Flounder	Bottom Longline	NEFS 9																		
5846	2012	GB Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
5847	2012	GB Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
5848	2012	GB Winter Flounder	Bottom Longline	Tri-State Sector																		
5849	2012	GB Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
5850	2012	GB Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5851	2012	GB Winter Flounder	Bottom Otter Trawl	NCCS																		
5852	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 10																		
5853	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 11																		
5854	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 12																		
5855	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 13	28	156	25	16.03	0.00	0.00	0.57	64	41.03	533624	1999265	481464.80	126.00	523	671.50	721	184.60	195
5856	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 2	22	105	14	13.33	0.00	0.00	0.00	0	0.00	54392	934908	139142.50	0.00	0	502.40	534	107.10	113
5857	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 3																		
5858	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 5	10	14	2	14.29	0.00	0.00	0.45	4	28.57	21511	139693	25926.10	62.00	334	51.10	55	13.90	15
5859	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 6	4	23	5	21.74	0.00	0.00	0.00	0	0.00	7	389298	60932.40	0.00	0	180.00	190	42.50	45
5860	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 7	9	91	20	21.98	0.00	0.00	0.60	49	53.85	339162	1500247	320387.30	468.00	2191	467.40	507	134.40	144
5861	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 8	19	158	20	12.66	0.00	0.00	0.46	41	25.95	775011	1936075	348909.40	190.00	1054	769.00	818	162.70	172
5862	2012	GB Winter Flounder	Bottom Otter Trawl	NEFS 9	60	391	57	14.58	0.00	0.00	0.30	58	14.83	2060122	5754965	1050958.00	865.00	4737	1928.20	2057	448.70	479
5863	2012	GB Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5864	2012	GB Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	39	286	50	17.48	0.00	0.00	0.38	72	25.17	388414	3519413	502273.60	74.00	519	1519.60	1609	401.70	428
5865	2012	GB Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
5866	2012	GB Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
5867	2012	GB Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5868	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
5869	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
5870	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
5871	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
5872	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
5873	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
5874	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 3																		
5875	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
5876	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
5877	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
5878	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
5879	2012	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
5880	2012	GB Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5881	2012	GB Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5882	2012	GB Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
5883	2012	GB Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
5884	2012	GB Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
5885	2012	GB Winter Flounder	Haddock Otter Trawl	NCCS																		
5886	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 10																		
5887	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 11																		
5888	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 12																		
5889	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 13																		
5890	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 2	5	9	4	44.44	0.00	0.00	0.87	8	88.89	603	77946	8658.50	40.00	360	39.40	42	29.40	31
5891	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 3																		
5892	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 5																		
5893	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 6																		
5894	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						4133	26948	0.00	0.00		60.50	66	0.00	0
5895	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5896	2012	GB Winter Flounder	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						6550	14144	0.00	0.00		16.10	18	0.00	0
5897	2012	GB Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
5898	2012	GB Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	21	61	10	16.39	0.00	0.00	0.00	0	0.00	72253	643709	51798.40	0.00	0	406.60	426	86.20	92
5899	2012	GB Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
5900	2012	GB Winter Flounder	Handline	Fixed Gear Sector																		
5901	2012	GB Winter Flounder	Handline	Maine Coast Community Sector																		
5902	2012	GB Winter Flounder	Handline	NCCS																		
5903	2012	GB Winter Flounder	Handline	NEFS 10																		
5904	2012	GB Winter Flounder	Handline	NEFS 11																		
5905	2012	GB Winter Flounder	Handline	NEFS 12																		
5906	2012	GB Winter Flounder	Handline	NEFS 13																		
5907	2012	GB Winter Flounder	Handline	NEFS 2																		
5908	2012	GB Winter Flounder	Handline	NEFS 3																		
5909	2012	GB Winter Flounder	Handline	NEFS 5																		
5910	2012	GB Winter Flounder	Handline	NEFS 6																		
5911	2012	GB Winter Flounder	Handline	NEFS 7																		
5912	2012	GB Winter Flounder	Handline	NEFS 8																		
5913	2012	GB Winter Flounder	Handline	NEFS 9																		
5914	2012	GB Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
5915	2012	GB Winter Flounder	Handline	Sustainable Harvest Sector 1																		
5916	2012	GB Winter Flounder	Handline	Tri-State Sector																		
5917	2012	GB Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
5918	2012	GB Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
5919	2012	GB Winter Flounder	Large Mesh Gillnet	NCCS																		
5920	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 10																		
5921	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 11																		
5922	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 12	3	7	1	14.29	0.00					0	30167	12707.00	0.00	0	44.80	48	5.90	6
5923	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 13																		
5924	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 2																		
5925	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 3																		
5926	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 5																		
5927	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 6																		
5928	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 7																		
5929	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 8																		
5930	2012	GB Winter Flounder	Large Mesh Gillnet	NEFS 9																		
5931	2012	GB Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
5932	2012	GB Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
5933	2012	GB Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
5934	2012	GB Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
5935	2012	GB Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
5936	2012	GB Winter Flounder	Ruhle Trawl	NCCS																		
5937	2012	GB Winter Flounder	Ruhle Trawl	NEFS 10																		
5938	2012	GB Winter Flounder	Ruhle Trawl	NEFS 11																		
5939	2012	GB Winter Flounder	Ruhle Trawl	NEFS 12																		
5940	2012	GB Winter Flounder	Ruhle Trawl	NEFS 13	4	9	0	0.00						723	20761	0.00	0.00		40.50	43	0.00	0

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5941	2012	GB Winter Flounder	Ruhle Trawl	NEFS 2																		
5942	2012	GB Winter Flounder	Ruhle Trawl	NEFS 3																		
5943	2012	GB Winter Flounder	Ruhle Trawl	NEFS 5																		
5944	2012	GB Winter Flounder	Ruhle Trawl	NEFS 6																		
5945	2012	GB Winter Flounder	Ruhle Trawl	NEFS 7																		
5946	2012	GB Winter Flounder	Ruhle Trawl	NEFS 8																		
5947	2012	GB Winter Flounder	Ruhle Trawl	NEFS 9																		
5948	2012	GB Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
5949	2012	GB Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
5950	2012	GB Winter Flounder	Ruhle Trawl	Tri-State Sector																		
5951	2012	GB Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
5952	2012	GB Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
5953	2012	GB Yellowtail Flounder	Bottom Longline	NCCS																		
5954	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 10																		
5955	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 11																		
5956	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 12																		
5957	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 13																		
5958	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 2																		
5959	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 3																		
5960	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 5																		
5961	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 6																		
5962	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 7																		
5963	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 8																		
5964	2012	GB Yellowtail Flounder	Bottom Longline	NEFS 9																		
5965	2012	GB Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
5966	2012	GB Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
5967	2012	GB Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
5968	2012	GB Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
5969	2012	GB Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
5970	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
5971	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
5972	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
5973	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
5974	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	28	156	25	16.03	0.00	0.00	0.40	39	25.00	103556	2005517	481464.80	617.00	2570	671.50	721	184.60	195
5975	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	22	105	14	13.33	0.00	0.00	0.64	44	41.90	2921	934908	139142.50	61.00	410	502.40	534	107.10	113
5976	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
5977	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	10	14	2	14.29	0.01	0.00	0.42	4	28.57	30548	139693	25926.10	192.00	1035	51.10	55	13.90	15
5978	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	4	23	5	21.74	0.00	0.00	0.00	0	0.00	625	389298	60932.40	0.00	0	180.00	190	42.50	45
5979	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	9	91	20	21.98	0.00	0.00	0.44	35	38.46	29296	1500247	320387.30	227.00	1063	467.40	507	134.40	144
5980	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	19	158	20	12.66	0.00	0.00	0.38	30	18.99	82643	1936075	348909.40	748.00	4151	769.00	818	162.70	172
5981	2012	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	60	391	57	14.58	0.00	0.00	0.23	37	9.46	168456	5754965	1050958.00	3022.00	16548	1928.20	2057	448.70	479
5982	2012	GB Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
5983	2012	GB Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	39	286	50	17.48	0.00	0.00	0.38	73	25.52	20127	3509890	502273.60	151.00	1055	1519.60	1609	401.70	428
5984	2012	GB Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
5985	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
5986	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
5987	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
5988	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
5989	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
5990	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
5991	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
5992	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
5993	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3																		
5994	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
5995	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
5996	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
5997	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
5998	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
5999	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6000	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6001	2012	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
6002	2012	GB Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
6003	2012	GB Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
6004	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
6005	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
6006	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
6007	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
6008	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
6009	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	5	9	4	44.44	0.00	0.00	0.74	8	88.89	171	77946	8658.50	21.00	189	39.40	42	29.40	31
6010	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
6011	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
6012	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
6013	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						3467	26948	0.00	0.00		60.50	66	0.00	0
6014	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
6015	2012	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						108	14144	0.00	0.00		16.10	18	0.00	0
6016	2012	GB Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6017	2012	GB Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	21	61	10	16.39	0.00	0.00	0.76	35	57.38	683	631768	51798.40	20.00	244	406.60	426	86.20	92
6018	2012	GB Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
6019	2012	GB Yellowtail Flounder	Handline	Fixed Gear Sector																		
6020	2012	GB Yellowtail Flounder	Handline	Maine Coast Community Sector																		
6021	2012	GB Yellowtail Flounder	Handline	NCCS																		
6022	2012	GB Yellowtail Flounder	Handline	NEFS 10																		
6023	2012	GB Yellowtail Flounder	Handline	NEFS 11																		
6024	2012	GB Yellowtail Flounder	Handline	NEFS 12																		
6025	2012	GB Yellowtail Flounder	Handline	NEFS 13																		
6026	2012	GB Yellowtail Flounder	Handline	NEFS 2																		
6027	2012	GB Yellowtail Flounder	Handline	NEFS 3																		
6028	2012	GB Yellowtail Flounder	Handline	NEFS 5																		
6029	2012	GB Yellowtail Flounder	Handline	NEFS 6																		
6030	2012	GB Yellowtail Flounder	Handline	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6031	2012	GB Yellowtail Flounder	Handline	NEFS 8																		
6032	2012	GB Yellowtail Flounder	Handline	NEFS 9																		
6033	2012	GB Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
6034	2012	GB Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
6035	2012	GB Yellowtail Flounder	Handline	Tri-State Sector																		
6036	2012	GB Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
6037	2012	GB Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
6038	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
6039	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
6040	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
6041	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 12	3	7	1	14.29	0.00					0	30167	12707.00	0.00	0	44.80	48	5.90	6
6042	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
6043	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
6044	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
6045	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
6046	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
6047	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
6048	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
6049	2012	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
6050	2012	GB Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6051	2012	GB Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6052	2012	GB Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
6053	2012	GB Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
6054	2012	GB Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
6055	2012	GB Yellowtail Flounder	Ruhle Trawl	NCCS																		
6056	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
6057	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
6058	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
6059	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 13	4	9	0	0.00						6768	20769	0.00	0.00		40.50	43	0.00	0
6060	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
6061	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
6062	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
6063	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
6064	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
6065	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
6066	2012	GB Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
6067	2012	GB Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6068	2012	GB Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
6069	2012	GB Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
6070	2012	GOM Cod	Bottom Longline	Fixed Gear Sector	8	46	7	15.22	0.16	0.01	0.49	15	32.61	19482	93293	15487.60	2456.00	14794	24.60	49	3.60	7
6071	2012	GOM Cod	Bottom Longline	Maine Coast Community Sector																		
6072	2012	GOM Cod	Bottom Longline	NCCS																		
6073	2012	GOM Cod	Bottom Longline	NEFS 10																		
6074	2012	GOM Cod	Bottom Longline	NEFS 11																		
6075	2012	GOM Cod	Bottom Longline	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6076	2012	GOM Cod	Bottom Longline	NEFS 13																		
6077	2012	GOM Cod	Bottom Longline	NEFS 2																		
6078	2012	GOM Cod	Bottom Longline	NEFS 3	9	289	65	22.49	0.07	0.00	0.18	29	10.03	58595	239396	60069.00	4078.00	16252	120.30	289	28.40	65
6079	2012	GOM Cod	Bottom Longline	NEFS 5																		
6080	2012	GOM Cod	Bottom Longline	NEFS 6																		
6081	2012	GOM Cod	Bottom Longline	NEFS 7																		
6082	2012	GOM Cod	Bottom Longline	NEFS 8																		
6083	2012	GOM Cod	Bottom Longline	NEFS 9																		
6084	2012	GOM Cod	Bottom Longline	Port Clyde Community Groundfish Sector																		
6085	2012	GOM Cod	Bottom Longline	Sustainable Harvest Sector 1																		
6086	2012	GOM Cod	Bottom Longline	Tri-State Sector																		
6087	2012	GOM Cod	Bottom Otter Trawl	Fixed Gear Sector																		
6088	2012	GOM Cod	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.36	43	30.71	28426	456434	114711.00	541.00	2153	278.60	341	62.80	77
6089	2012	GOM Cod	Bottom Otter Trawl	NCCS																		
6090	2012	GOM Cod	Bottom Otter Trawl	NEFS 10	15	484	126	26.03	0.04	0.00	0.20	68	14.05	270632	966394	224449.60	7932.00	34152	227.80	500	59.90	132
6091	2012	GOM Cod	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.01	0.00	0.32	45	23.56	60221	212781	31661.10	216.00	1452	98.80	200	23.90	44
6092	2012	GOM Cod	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.01	0.00	0.32	48	24.24	68154	171583	36010.50	432.00	2058	102.00	206	23.90	43
6093	2012	GOM Cod	Bottom Otter Trawl	NEFS 13	8	47	4	8.51	0.00	0.00	0.27	4	8.51	27615	707613	79934.80	45.00	398	154.80	171	24.40	27
6094	2012	GOM Cod	Bottom Otter Trawl	NEFS 2	67	2030	486	23.94	0.00	0.00	0.13	120	5.91	1282706	7846434	1670206.70	8336.00	39162	2126.30	3135	517.20	764
6095	2012	GOM Cod	Bottom Otter Trawl	NEFS 3																		
6096	2012	GOM Cod	Bottom Otter Trawl	NEFS 5																		
6097	2012	GOM Cod	Bottom Otter Trawl	NEFS 6	7	121	23	19.01	0.00	0.00	0.54	53	43.80	238380	2023600	264941.00	758.00	5790	514.60	562	120.70	131
6098	2012	GOM Cod	Bottom Otter Trawl	NEFS 7																		
6099	2012	GOM Cod	Bottom Otter Trawl	NEFS 8	4	13	3	23.08	0.03	0.00	0.87	10	76.92	20257	160054	64302.40	1686.00	4197	94.70	103	26.00	28
6100	2012	GOM Cod	Bottom Otter Trawl	NEFS 9	32	147	34	23.13	0.00	0.00	0.38	48	32.65	71733	2261020	291316.90	717.00	5565	636.60	690	212.30	233
6101	2012	GOM Cod	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6102	2012	GOM Cod	Bottom Otter Trawl	Sustainable Harvest Sector 1	107	1167	210	17.99	0.01	0.00	0.27	176	15.08	759921	14771761	2989080.50	16316.00	80632	3852.60	4318	974.30	1080
6103	2012	GOM Cod	Bottom Otter Trawl	Tri-State Sector																		
6104	2012	GOM Cod	Extra Large Mesh Gillnet	Fixed Gear Sector																		
6105	2012	GOM Cod	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6106	2012	GOM Cod	Extra Large Mesh Gillnet	NCCS																		
6107	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 10	5	38	14	36.84	0.00	0.00	0.58	27	71.05	974	48755	6703.50	18.00	131	26.90	47	6.40	14
6108	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 11																		
6109	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 12																		
6110	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 13																		
6111	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 2																		
6112	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 3	15	153	52	33.99	0.01	0.00	0.15	17	11.11	8842	291850	50222.30	262.00	1523	124.10	213	32.90	62
6113	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 5																		
6114	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 6																		
6115	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 7																		
6116	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 8																		
6117	2012	GOM Cod	Extra Large Mesh Gillnet	NEFS 9																		
6118	2012	GOM Cod	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6119	2012	GOM Cod	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6120	2012	GOM Cod	Extra Large Mesh Gillnet	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6121	2012	GOM Cod	Haddock Otter Trawl	Fixed Gear Sector																		
6122	2012	GOM Cod	Haddock Otter Trawl	Maine Coast Community Sector																		
6123	2012	GOM Cod	Haddock Otter Trawl	NCCS																		
6124	2012	GOM Cod	Haddock Otter Trawl	NEFS 10																		
6125	2012	GOM Cod	Haddock Otter Trawl	NEFS 11																		
6126	2012	GOM Cod	Haddock Otter Trawl	NEFS 12																		
6127	2012	GOM Cod	Haddock Otter Trawl	NEFS 13																		
6128	2012	GOM Cod	Haddock Otter Trawl	NEFS 2																		
6129	2012	GOM Cod	Haddock Otter Trawl	NEFS 3																		
6130	2012	GOM Cod	Haddock Otter Trawl	NEFS 5																		
6131	2012	GOM Cod	Haddock Otter Trawl	NEFS 6																		
6132	2012	GOM Cod	Haddock Otter Trawl	NEFS 7																		
6133	2012	GOM Cod	Haddock Otter Trawl	NEFS 8																		
6134	2012	GOM Cod	Haddock Otter Trawl	NEFS 9																		
6135	2012	GOM Cod	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6136	2012	GOM Cod	Haddock Otter Trawl	Sustainable Harvest Sector 1	3	6	6	100.00	0.00	0.00	0.00	0	0.00	2201	22282	56033.90	120.00	48	10.60	12	48.60	52
6137	2012	GOM Cod	Haddock Otter Trawl	Tri-State Sector																		
6138	2012	GOM Cod	Handline	Fixed Gear Sector																		
6139	2012	GOM Cod	Handline	Maine Coast Community Sector																		
6140	2012	GOM Cod	Handline	NCCS	4	11	2	18.18	0.13	0.00	0.26	2	18.18	860	3312	738.20	98.00	440	6.40	12	1.10	2
6141	2012	GOM Cod	Handline	NEFS 10																		
6142	2012	GOM Cod	Handline	NEFS 11																		
6143	2012	GOM Cod	Handline	NEFS 12																		
6144	2012	GOM Cod	Handline	NEFS 13																		
6145	2012	GOM Cod	Handline	NEFS 2																		
6146	2012	GOM Cod	Handline	NEFS 3																		
6147	2012	GOM Cod	Handline	NEFS 5																		
6148	2012	GOM Cod	Handline	NEFS 6																		
6149	2012	GOM Cod	Handline	NEFS 7																		
6150	2012	GOM Cod	Handline	NEFS 8																		
6151	2012	GOM Cod	Handline	NEFS 9																		
6152	2012	GOM Cod	Handline	Port Clyde Community Groundfish Sector																		
6153	2012	GOM Cod	Handline	Sustainable Harvest Sector 1																		
6154	2012	GOM Cod	Handline	Tri-State Sector																		
6155	2012	GOM Cod	Large Mesh Gillnet	Fixed Gear Sector																		
6156	2012	GOM Cod	Large Mesh Gillnet	Maine Coast Community Sector	16	492	99	20.12	0.00	0.00	0.11	17	3.46	120631	1611730	318265.90	1253.00	6345	461.30	729	85.20	137
6157	2012	GOM Cod	Large Mesh Gillnet	NCCS																		
6158	2012	GOM Cod	Large Mesh Gillnet	NEFS 10	9	525	125	23.81	0.00	0.00	0.16	44	8.38	161821	1410490	301323.40	730.00	3417	308.40	637	47.40	131
6159	2012	GOM Cod	Large Mesh Gillnet	NEFS 11	16	1283	302	23.54	0.00	0.00	0.07	22	1.71	568351	3510967	809171.50	3134.00	13598	520.70	1310	136.60	307
6160	2012	GOM Cod	Large Mesh Gillnet	NEFS 12	7	76	9	11.84	0.00	0.00	0.21	5	6.58	34404	732589	69166.80	193.00	2044	341.30	376	42.20	44
6161	2012	GOM Cod	Large Mesh Gillnet	NEFS 13																		
6162	2012	GOM Cod	Large Mesh Gillnet	NEFS 2																		
6163	2012	GOM Cod	Large Mesh Gillnet	NEFS 3	25	1392	326	23.42	0.01	0.00	0.09	39	2.80	560793	2922341	631002.30	4215.00	19521	597.30	1467	137.70	333
6164	2012	GOM Cod	Large Mesh Gillnet	NEFS 5																		
6165	2012	GOM Cod	Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6166	2012	GOM Cod	Large Mesh Gillnet	NEFS 7																		
6167	2012	GOM Cod	Large Mesh Gillnet	NEFS 8																		
6168	2012	GOM Cod	Large Mesh Gillnet	NEFS 9																		
6169	2012	GOM Cod	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6170	2012	GOM Cod	Large Mesh Gillnet	Sustainable Harvest Sector 1	7	114	19	16.67	0.01	0.00	0.18	8	7.02	57747	826851	178742.00	940.00	4348	370.60	432	74.90	85
6171	2012	GOM Cod	Large Mesh Gillnet	Tri-State Sector																		
6172	2012	GOM Cod	Ruhle Trawl	Fixed Gear Sector																		
6173	2012	GOM Cod	Ruhle Trawl	Maine Coast Community Sector																		
6174	2012	GOM Cod	Ruhle Trawl	NCCS																		
6175	2012	GOM Cod	Ruhle Trawl	NEFS 10																		
6176	2012	GOM Cod	Ruhle Trawl	NEFS 11																		
6177	2012	GOM Cod	Ruhle Trawl	NEFS 12																		
6178	2012	GOM Cod	Ruhle Trawl	NEFS 13																		
6179	2012	GOM Cod	Ruhle Trawl	NEFS 2																		
6180	2012	GOM Cod	Ruhle Trawl	NEFS 3																		
6181	2012	GOM Cod	Ruhle Trawl	NEFS 5																		
6182	2012	GOM Cod	Ruhle Trawl	NEFS 6																		
6183	2012	GOM Cod	Ruhle Trawl	NEFS 7																		
6184	2012	GOM Cod	Ruhle Trawl	NEFS 8																		
6185	2012	GOM Cod	Ruhle Trawl	NEFS 9																		
6186	2012	GOM Cod	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6187	2012	GOM Cod	Ruhle Trawl	Sustainable Harvest Sector 1																		
6188	2012	GOM Cod	Ruhle Trawl	Tri-State Sector																		
6189	2012	GOM Haddock	Bottom Longline	Fixed Gear Sector	8	46	7	15.22	0.00	0.00	0.83	27	58.70	14161	93293	15487.60	77.00	464	24.60	49	3.60	7
6190	2012	GOM Haddock	Bottom Longline	Maine Coast Community Sector																		
6191	2012	GOM Haddock	Bottom Longline	NCCS																		
6192	2012	GOM Haddock	Bottom Longline	NEFS 10																		
6193	2012	GOM Haddock	Bottom Longline	NEFS 11																		
6194	2012	GOM Haddock	Bottom Longline	NEFS 12																		
6195	2012	GOM Haddock	Bottom Longline	NEFS 13																		
6196	2012	GOM Haddock	Bottom Longline	NEFS 2																		
6197	2012	GOM Haddock	Bottom Longline	NEFS 3	9	289	65	22.49	0.01	0.00	0.21	36	12.46	36957	239396	60069.00	318.00	1267	120.30	289	28.40	65
6198	2012	GOM Haddock	Bottom Longline	NEFS 5																		
6199	2012	GOM Haddock	Bottom Longline	NEFS 6																		
6200	2012	GOM Haddock	Bottom Longline	NEFS 7																		
6201	2012	GOM Haddock	Bottom Longline	NEFS 8																		
6202	2012	GOM Haddock	Bottom Longline	NEFS 9																		
6203	2012	GOM Haddock	Bottom Longline	Port Clyde Community Groundfish Sector																		
6204	2012	GOM Haddock	Bottom Longline	Sustainable Harvest Sector 1																		
6205	2012	GOM Haddock	Bottom Longline	Tri-State Sector																		
6206	2012	GOM Haddock	Bottom Otter Trawl	Fixed Gear Sector																		
6207	2012	GOM Haddock	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.48	61	43.57	1658	456434	114711.00	5.00	20	278.60	341	62.80	77
6208	2012	GOM Haddock	Bottom Otter Trawl	NCCS																		
6209	2012	GOM Haddock	Bottom Otter Trawl	NEFS 10	15	484	126	26.03	0.00	0.00	0.38	177	36.57	4880	966394	224449.60	10.00	43	227.80	500	59.90	132
6210	2012	GOM Haddock	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.62	102	53.40	2275	212781	31661.10	82.00	551	98.80	200	23.90	44

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6211	2012	GOM Haddock	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.33	49	24.75	1741	171583	36010.50	34.00	162	102.00	206	23.90	43
6212	2012	GOM Haddock	Bottom Otter Trawl	NEFS 13	8	47	4	8.51	0.00	0.00	0.29	4	8.51	13580	707613	79934.80	21.00	186	154.80	171	24.40	27
6213	2012	GOM Haddock	Bottom Otter Trawl	NEFS 2	67	2030	486	23.94	0.00	0.00	0.26	385	18.97	131849	7846434	1670206.70	3194.00	15005	2126.30	3135	517.20	764
6214	2012	GOM Haddock	Bottom Otter Trawl	NEFS 3																		
6215	2012	GOM Haddock	Bottom Otter Trawl	NEFS 5																		
6216	2012	GOM Haddock	Bottom Otter Trawl	NEFS 6	7	121	23	19.01	0.00	0.00	0.44	41	33.88	16864	2023600	264941.00	168.00	1283	514.60	562	120.70	131
6217	2012	GOM Haddock	Bottom Otter Trawl	NEFS 7																		
6218	2012	GOM Haddock	Bottom Otter Trawl	NEFS 8	4	13	3	23.08	0.00	0.00	0.56	7	53.85	4814	160054	64302.40	147.00	366	94.70	103	26.00	28
6219	2012	GOM Haddock	Bottom Otter Trawl	NEFS 9	32	147	34	23.13	0.00	0.00	0.27	30	20.41	27142	2261020	291316.90	810.00	6287	636.60	690	212.30	233
6220	2012	GOM Haddock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6221	2012	GOM Haddock	Bottom Otter Trawl	Sustainable Harvest Sector 1	107	1167	210	17.99	0.00	0.00	0.21	113	9.68	182627	14770937	2989080.50	7342.00	36281	3852.60	4318	974.30	1080
6222	2012	GOM Haddock	Bottom Otter Trawl	Tri-State Sector																		
6223	2012	GOM Haddock	Extra Large Mesh Gillnet	Fixed Gear Sector																		
6224	2012	GOM Haddock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6225	2012	GOM Haddock	Extra Large Mesh Gillnet	NCCS																		
6226	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 10	5	38	14	36.84	0.00	0.00	0.00	0	0.00	7	48755	6703.50	0.00	0	26.90	47	6.40	14
6227	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 11																		
6228	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 12																		
6229	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 13																		
6230	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 2																		
6231	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 3	15	153	52	33.99	0.00	0.00	0.26	44	28.76	387	291850	50222.30	37.00	215	124.10	213	32.90	62
6232	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 5																		
6233	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 6																		
6234	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 7																		
6235	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 8																		
6236	2012	GOM Haddock	Extra Large Mesh Gillnet	NEFS 9																		
6237	2012	GOM Haddock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6238	2012	GOM Haddock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6239	2012	GOM Haddock	Extra Large Mesh Gillnet	Tri-State Sector																		
6240	2012	GOM Haddock	Haddock Otter Trawl	Fixed Gear Sector																		
6241	2012	GOM Haddock	Haddock Otter Trawl	Maine Coast Community Sector																		
6242	2012	GOM Haddock	Haddock Otter Trawl	NCCS																		
6243	2012	GOM Haddock	Haddock Otter Trawl	NEFS 10																		
6244	2012	GOM Haddock	Haddock Otter Trawl	NEFS 11																		
6245	2012	GOM Haddock	Haddock Otter Trawl	NEFS 12																		
6246	2012	GOM Haddock	Haddock Otter Trawl	NEFS 13																		
6247	2012	GOM Haddock	Haddock Otter Trawl	NEFS 2																		
6248	2012	GOM Haddock	Haddock Otter Trawl	NEFS 3																		
6249	2012	GOM Haddock	Haddock Otter Trawl	NEFS 5																		
6250	2012	GOM Haddock	Haddock Otter Trawl	NEFS 6																		
6251	2012	GOM Haddock	Haddock Otter Trawl	NEFS 7																		
6252	2012	GOM Haddock	Haddock Otter Trawl	NEFS 8																		
6253	2012	GOM Haddock	Haddock Otter Trawl	NEFS 9																		
6254	2012	GOM Haddock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6255	2012	GOM Haddock	Haddock Otter Trawl	Sustainable Harvest Sector 1	3	6	6	100.00	0.01	0.00	0.00	0	0.00	628	19761	56033.90	420.00	148	10.60	12	48.60	52

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6256	2012	GOM Haddock	Haddock Otter Trawl	Tri-State Sector																		
6257	2012	GOM Haddock	Handline	Fixed Gear Sector																		
6258	2012	GOM Haddock	Handline	Maine Coast Community Sector																		
6259	2012	GOM Haddock	Handline	NCCS	4	11	2	18.18	0.01	0.00	0.58	5	45.45	274	3312	738.20	9.00	40	6.40	12	1.10	2
6260	2012	GOM Haddock	Handline	NEFS 10																		
6261	2012	GOM Haddock	Handline	NEFS 11																		
6262	2012	GOM Haddock	Handline	NEFS 12																		
6263	2012	GOM Haddock	Handline	NEFS 13																		
6264	2012	GOM Haddock	Handline	NEFS 2																		
6265	2012	GOM Haddock	Handline	NEFS 3																		
6266	2012	GOM Haddock	Handline	NEFS 5																		
6267	2012	GOM Haddock	Handline	NEFS 6																		
6268	2012	GOM Haddock	Handline	NEFS 7																		
6269	2012	GOM Haddock	Handline	NEFS 8																		
6270	2012	GOM Haddock	Handline	NEFS 9																		
6271	2012	GOM Haddock	Handline	Port Clyde Community Groundfish Sector																		
6272	2012	GOM Haddock	Handline	Sustainable Harvest Sector 1																		
6273	2012	GOM Haddock	Handline	Tri-State Sector																		
6274	2012	GOM Haddock	Large Mesh Gillnet	Fixed Gear Sector																		
6275	2012	GOM Haddock	Large Mesh Gillnet	Maine Coast Community Sector	16	492	99	20.12	0.00	0.00	0.17	39	7.93	3476	1611730	318265.90	172.00	871	461.30	729	85.20	137
6276	2012	GOM Haddock	Large Mesh Gillnet	NCCS																		
6277	2012	GOM Haddock	Large Mesh Gillnet	NEFS 10	9	525	125	23.81	0.00	0.00	0.24	91	17.33	966	1410490	301323.40	32.00	150	308.40	637	47.40	131
6278	2012	GOM Haddock	Large Mesh Gillnet	NEFS 11	16	1283	302	23.54	0.00	0.00	0.11	55	4.29	11314	3510967	809171.50	714.00	3098	520.70	1310	136.60	307
6279	2012	GOM Haddock	Large Mesh Gillnet	NEFS 12	7	76	9	11.84	0.00	0.00	0.18	4	5.26	1578	732589	69166.80	82.00	869	341.30	376	42.20	44
6280	2012	GOM Haddock	Large Mesh Gillnet	NEFS 13																		
6281	2012	GOM Haddock	Large Mesh Gillnet	NEFS 2																		
6282	2012	GOM Haddock	Large Mesh Gillnet	NEFS 3	25	1392	326	23.42	0.00	0.00	0.10	44	3.16	6616	2922341	631002.30	718.00	3325	597.30	1467	137.70	333
6283	2012	GOM Haddock	Large Mesh Gillnet	NEFS 5																		
6284	2012	GOM Haddock	Large Mesh Gillnet	NEFS 6																		
6285	2012	GOM Haddock	Large Mesh Gillnet	NEFS 7																		
6286	2012	GOM Haddock	Large Mesh Gillnet	NEFS 8																		
6287	2012	GOM Haddock	Large Mesh Gillnet	NEFS 9																		
6288	2012	GOM Haddock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6289	2012	GOM Haddock	Large Mesh Gillnet	Sustainable Harvest Sector 1	7	114	19	16.67	0.00	0.00	0.21	11	9.65	963	826851	178742.00	184.00	851	370.60	432	74.90	85
6290	2012	GOM Haddock	Large Mesh Gillnet	Tri-State Sector																		
6291	2012	GOM Haddock	Ruhle Trawl	Fixed Gear Sector																		
6292	2012	GOM Haddock	Ruhle Trawl	Maine Coast Community Sector																		
6293	2012	GOM Haddock	Ruhle Trawl	NCCS																		
6294	2012	GOM Haddock	Ruhle Trawl	NEFS 10																		
6295	2012	GOM Haddock	Ruhle Trawl	NEFS 11																		
6296	2012	GOM Haddock	Ruhle Trawl	NEFS 12																		
6297	2012	GOM Haddock	Ruhle Trawl	NEFS 13																		
6298	2012	GOM Haddock	Ruhle Trawl	NEFS 2																		
6299	2012	GOM Haddock	Ruhle Trawl	NEFS 3																		
6300	2012	GOM Haddock	Ruhle Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6301	2012	GOM Haddock	Ruhle Trawl	NEFS 6																		
6302	2012	GOM Haddock	Ruhle Trawl	NEFS 7																		
6303	2012	GOM Haddock	Ruhle Trawl	NEFS 8																		
6304	2012	GOM Haddock	Ruhle Trawl	NEFS 9																		
6305	2012	GOM Haddock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6306	2012	GOM Haddock	Ruhle Trawl	Sustainable Harvest Sector 1																		
6307	2012	GOM Haddock	Ruhle Trawl	Tri-State Sector																		
6308	2012	GOM Winter Flounder	Bottom Longline	Fixed Gear Sector	8	46	7	15.22	0.00	0.00	0.00	0	0.00	14	93293	15487.60	0.00	0	24.60	49	3.60	7
6309	2012	GOM Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
6310	2012	GOM Winter Flounder	Bottom Longline	NCCS																		
6311	2012	GOM Winter Flounder	Bottom Longline	NEFS 10																		
6312	2012	GOM Winter Flounder	Bottom Longline	NEFS 11																		
6313	2012	GOM Winter Flounder	Bottom Longline	NEFS 12																		
6314	2012	GOM Winter Flounder	Bottom Longline	NEFS 13																		
6315	2012	GOM Winter Flounder	Bottom Longline	NEFS 2																		
6316	2012	GOM Winter Flounder	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.00	0	0.00	4	239396	60069.00	0.00	0	120.30	289	28.40	65
6317	2012	GOM Winter Flounder	Bottom Longline	NEFS 5																		
6318	2012	GOM Winter Flounder	Bottom Longline	NEFS 6																		
6319	2012	GOM Winter Flounder	Bottom Longline	NEFS 7																		
6320	2012	GOM Winter Flounder	Bottom Longline	NEFS 8																		
6321	2012	GOM Winter Flounder	Bottom Longline	NEFS 9																		
6322	2012	GOM Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
6323	2012	GOM Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
6324	2012	GOM Winter Flounder	Bottom Longline	Tri-State Sector																		
6325	2012	GOM Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
6326	2012	GOM Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.86	100	71.43	675	456434	114711.00	1.50	6	278.60	341	62.80	77
6327	2012	GOM Winter Flounder	Bottom Otter Trawl	NCCS																		
6328	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 10	15	484	126	26.03	0.01	0.00	0.15	37	7.64	191560	966394	224449.60	2077.00	8943	227.80	500	59.90	132
6329	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.49	80	41.88	5812	212781	31661.10	43.00	289	98.80	200	23.90	44
6330	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.27	36	18.18	2543	171583	36010.50	35.00	167	102.00	206	23.90	43
6331	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 13	8	47	4	8.51	0.00	0.00	0.00	0	0.00	3615	707613	79934.80	0.00	0	154.80	171	24.40	27
6332	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 2	67	2030	486	23.94	0.00	0.00	0.14	134	6.60	172103	7846434	1670206.70	915.00	4299	2126.30	3135	517.20	764
6333	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 3																		
6334	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 5																		
6335	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 6	7	121	23	19.01	0.00	0.00	0.50	48	39.67	62773	2023600	264941.00	99.00	756	514.60	562	120.70	131
6336	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 7																		
6337	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 8	4	13	3	23.08	0.00	0.00	1.28	11	84.62	1266	160054	64302.40	29.00	72	94.70	103	26.00	28
6338	2012	GOM Winter Flounder	Bottom Otter Trawl	NEFS 9	32	147	34	23.13	0.00	0.00	0.51	70	47.62	6079	2261020	291316.90	26.00	202	636.60	690	212.30	233
6339	2012	GOM Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6340	2012	GOM Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	107	1167	210	17.99	0.00	0.00	0.27	174	14.91	30230	14770937	2989080.50	404.50	1999	3852.60	4318	974.30	1080
6341	2012	GOM Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
6342	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
6343	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6344	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
6345	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	5	38	14	36.84	0.00	0.00	0.00	0	0.00	22	48755	6703.50	0.00	0	26.90	47	6.40	14

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6346	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
6347	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
6348	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
6349	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
6350	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	15	153	52	33.99	0.00	0.00	0.60	104	67.97	164	291850	50222.30	2.50	15	124.10	213	32.90	62
6351	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
6352	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
6353	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
6354	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
6355	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
6356	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6357	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6358	2012	GOM Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
6359	2012	GOM Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
6360	2012	GOM Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
6361	2012	GOM Winter Flounder	Haddock Otter Trawl	NCCS																		
6362	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 10																		
6363	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 11																		
6364	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 12																		
6365	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 13																		
6366	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 2																		
6367	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 3																		
6368	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 5																		
6369	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 6																		
6370	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 7																		
6371	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 8																		
6372	2012	GOM Winter Flounder	Haddock Otter Trawl	NEFS 9																		
6373	2012	GOM Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6374	2012	GOM Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	19761	56033.90	0.00	0	10.60	12	48.60	52
6375	2012	GOM Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
6376	2012	GOM Winter Flounder	Handline	Fixed Gear Sector																		
6377	2012	GOM Winter Flounder	Handline	Maine Coast Community Sector																		
6378	2012	GOM Winter Flounder	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
6379	2012	GOM Winter Flounder	Handline	NEFS 10																		
6380	2012	GOM Winter Flounder	Handline	NEFS 11																		
6381	2012	GOM Winter Flounder	Handline	NEFS 12																		
6382	2012	GOM Winter Flounder	Handline	NEFS 13																		
6383	2012	GOM Winter Flounder	Handline	NEFS 2																		
6384	2012	GOM Winter Flounder	Handline	NEFS 3																		
6385	2012	GOM Winter Flounder	Handline	NEFS 5																		
6386	2012	GOM Winter Flounder	Handline	NEFS 6																		
6387	2012	GOM Winter Flounder	Handline	NEFS 7																		
6388	2012	GOM Winter Flounder	Handline	NEFS 8																		
6389	2012	GOM Winter Flounder	Handline	NEFS 9																		
6390	2012	GOM Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6391	2012	GOM Winter Flounder	Handline	Sustainable Harvest Sector 1																		
6392	2012	GOM Winter Flounder	Handline	Tri-State Sector																		
6393	2012	GOM Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
6394	2012	GOM Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector	16	492	99	20.12	0.00	0.00	0.90	342	69.51	83	1611730	318265.90	0.50	3	461.30	729	85.20	137
6395	2012	GOM Winter Flounder	Large Mesh Gillnet	NCCS																		
6396	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 10	9	525	125	23.81	0.00	0.00	0.19	58	11.05	14143	1410490	301323.40	25.00	117	308.40	637	47.40	131
6397	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 11	16	1283	302	23.54	0.00	0.00	0.15	90	7.01	4335	3510967	809171.50	34.00	148	520.70	1310	136.60	307
6398	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 12	7	76	9	11.84	0.00	0.00	0.00	0	0.00	6	732589	69166.80	0.00	0	341.30	376	42.20	44
6399	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 13																		
6400	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 2																		
6401	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 3	25	1392	326	23.42	0.00	0.00	0.14	83	5.96	34663	2922341	631002.30	116.50	540	597.30	1467	137.70	333
6402	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 5																		
6403	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 6																		
6404	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 7																		
6405	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 8																		
6406	2012	GOM Winter Flounder	Large Mesh Gillnet	NEFS 9																		
6407	2012	GOM Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6408	2012	GOM Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	7	114	19	16.67	0.00	0.00	0.65	55	48.25	35	826851	178742.00	1.50	7	370.60	432	74.90	85
6409	2012	GOM Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
6410	2012	GOM Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
6411	2012	GOM Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
6412	2012	GOM Winter Flounder	Ruhle Trawl	NCCS																		
6413	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 10																		
6414	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 11																		
6415	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 12																		
6416	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 13																		
6417	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 2																		
6418	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 3																		
6419	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 5																		
6420	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 6																		
6421	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 7																		
6422	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 8																		
6423	2012	GOM Winter Flounder	Ruhle Trawl	NEFS 9																		
6424	2012	GOM Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6425	2012	GOM Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
6426	2012	GOM Winter Flounder	Ruhle Trawl	Tri-State Sector																		
6427	2012	Halibut	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.00	0	0.00	0	1282876	348693.10	0.00	0	94.60	469	22.40	114
6428	2012	Halibut	Bottom Longline	Maine Coast Community Sector																		
6429	2012	Halibut	Bottom Longline	NCCS																		
6430	2012	Halibut	Bottom Longline	NEFS 10																		
6431	2012	Halibut	Bottom Longline	NEFS 11																		
6432	2012	Halibut	Bottom Longline	NEFS 12																		
6433	2012	Halibut	Bottom Longline	NEFS 13																		
6434	2012	Halibut	Bottom Longline	NEFS 2																		
6435	2012	Halibut	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.89	209	72.32	62	239396	60069.00	18.00	72	120.30	289	28.40	65

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6436	2012	Halibut	Bottom Longline	NEFS 5																		
6437	2012	Halibut	Bottom Longline	NEFS 6																		
6438	2012	Halibut	Bottom Longline	NEFS 7																		
6439	2012	Halibut	Bottom Longline	NEFS 8																		
6440	2012	Halibut	Bottom Longline	NEFS 9																		
6441	2012	Halibut	Bottom Longline	Port Clyde Community Groundfish Sector																		
6442	2012	Halibut	Bottom Longline	Sustainable Harvest Sector 1																		
6443	2012	Halibut	Bottom Longline	Tri-State Sector																		
6444	2012	Halibut	Bottom Otter Trawl	Fixed Gear Sector																		
6445	2012	Halibut	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.01	0.00	0.22	20	14.29	912	456434	114711.00	1600.00	6366	278.60	341	62.80	77
6446	2012	Halibut	Bottom Otter Trawl	NCCS																		
6447	2012	Halibut	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.18	60	10.24	347	1231861	270371.30	359.00	1636	283.00	601	71.70	151
6448	2012	Halibut	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.49	81	42.41	136	212781	31661.10	40.00	269	98.80	200	23.90	44
6449	2012	Halibut	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.35	56	28.28	67	171583	36010.50	125.00	596	102.00	206	23.90	43
6450	2012	Halibut	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.27	79	12.29	1776	4890587	893746.40	1205.00	6594	1335.20	1577	272.50	310
6451	2012	Halibut	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.13	108	4.75	3141	10704462	2306909.30	1333.00	6185	2218.20	3239	536.30	785
6452	2012	Halibut	Bottom Otter Trawl	NEFS 3																		
6453	2012	Halibut	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.78	419	64.07	24	4913686	1123230.80	108.00	472	612.80	911	134.70	197
6454	2012	Halibut	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.32	27	13.50	753	3459207	489970.20	604.00	4264	630.90	689	124.90	136
6455	2012	Halibut	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.30	30	17.65	688	2031409	396964.40	480.00	2456	571.10	636	150.90	163
6456	2012	Halibut	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.31	24	10.62	788	2456378	456510.90	1113.00	5989	854.70	912	171.70	182
6457	2012	Halibut	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.16	28	3.76	4096	9782648	1716839.50	2172.00	12376	2523.30	2729	604.10	655
6458	2012	Halibut	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6459	2012	Halibut	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.13	50	2.85	9839	21569536	4027628.40	7075.00	37889	4790.90	5335	1089.20	1203
6460	2012	Halibut	Bottom Otter Trawl	Tri-State Sector																		
6461	2012	Halibut	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.39	269	28.62	133	5685200	990365.20	99.00	568	282.70	954	67.60	191
6462	2012	Halibut	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6463	2012	Halibut	Extra Large Mesh Gillnet	NCCS																		
6464	2012	Halibut	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	0	49189	9118.90	0.00	0	27.30	48	6.90	15
6465	2012	Halibut	Extra Large Mesh Gillnet	NEFS 11																		
6466	2012	Halibut	Extra Large Mesh Gillnet	NEFS 12																		
6467	2012	Halibut	Extra Large Mesh Gillnet	NEFS 13																		
6468	2012	Halibut	Extra Large Mesh Gillnet	NEFS 2																		
6469	2012	Halibut	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.02	0.00	0.27	48	29.45	742	322735	64210.80	1066.00	5358	136.70	231	36.10	66
6470	2012	Halibut	Extra Large Mesh Gillnet	NEFS 5																		
6471	2012	Halibut	Extra Large Mesh Gillnet	NEFS 6																		
6472	2012	Halibut	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	76	264937	65237.40	0.00	0	77.00	96	11.00	18
6473	2012	Halibut	Extra Large Mesh Gillnet	NEFS 8																		
6474	2012	Halibut	Extra Large Mesh Gillnet	NEFS 9																		
6475	2012	Halibut	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6476	2012	Halibut	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6477	2012	Halibut	Extra Large Mesh Gillnet	Tri-State Sector																		
6478	2012	Halibut	Haddock Otter Trawl	Fixed Gear Sector																		
6479	2012	Halibut	Haddock Otter Trawl	Maine Coast Community Sector																		
6480	2012	Halibut	Haddock Otter Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6481	2012	Halibut	Haddock Otter Trawl	NEFS 10																		
6482	2012	Halibut	Haddock Otter Trawl	NEFS 11																		
6483	2012	Halibut	Haddock Otter Trawl	NEFS 12																		
6484	2012	Halibut	Haddock Otter Trawl	NEFS 13																		
6485	2012	Halibut	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.46	7	70.00	115	104672	16729.60	33.00	206	39.40	42	29.40	31
6486	2012	Halibut	Haddock Otter Trawl	NEFS 3																		
6487	2012	Halibut	Haddock Otter Trawl	NEFS 5																		
6488	2012	Halibut	Haddock Otter Trawl	NEFS 6																		
6489	2012	Halibut	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
6490	2012	Halibut	Haddock Otter Trawl	NEFS 8																		
6491	2012	Halibut	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
6492	2012	Halibut	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6493	2012	Halibut	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.70	36	51.43	301	681498	111610.70	91.00	556	437.20	459	92.50	99
6494	2012	Halibut	Haddock Otter Trawl	Tri-State Sector																		
6495	2012	Halibut	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
6496	2012	Halibut	Handline	Maine Coast Community Sector																		
6497	2012	Halibut	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
6498	2012	Halibut	Handline	NEFS 10																		
6499	2012	Halibut	Handline	NEFS 11																		
6500	2012	Halibut	Handline	NEFS 12																		
6501	2012	Halibut	Handline	NEFS 13																		
6502	2012	Halibut	Handline	NEFS 2																		
6503	2012	Halibut	Handline	NEFS 3																		
6504	2012	Halibut	Handline	NEFS 5																		
6505	2012	Halibut	Handline	NEFS 6																		
6506	2012	Halibut	Handline	NEFS 7																		
6507	2012	Halibut	Handline	NEFS 8																		
6508	2012	Halibut	Handline	NEFS 9																		
6509	2012	Halibut	Handline	Port Clyde Community Groundfish Sector																		
6510	2012	Halibut	Handline	Sustainable Harvest Sector 1																		
6511	2012	Halibut	Handline	Tri-State Sector																		
6512	2012	Halibut	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.65	508	58.26	99	2465436	522769.10	64.00	302	278.30	878	75.30	200
6513	2012	Halibut	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.24	69	14.00	691	1613491	318265.90	242.00	1227	461.30	729	85.20	137
6514	2012	Halibut	Large Mesh Gillnet	NCCS																		
6515	2012	Halibut	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.31	132	23.91	640	1490817	306718.10	43.00	209	336.30	679	48.50	133
6516	2012	Halibut	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.16	105	8.18	421	3513212	809171.50	346.00	1502	521.30	1311	136.60	307
6517	2012	Halibut	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.31	10	12.05	144	762756	81873.80	124.00	1155	341.30	376	42.20	44
6518	2012	Halibut	Large Mesh Gillnet	NEFS 13																		
6519	2012	Halibut	Large Mesh Gillnet	NEFS 2																		
6520	2012	Halibut	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.27	277	19.25	407	3033206	632798.40	213.00	1021	643.30	1540	140.20	336
6521	2012	Halibut	Large Mesh Gillnet	NEFS 5																		
6522	2012	Halibut	Large Mesh Gillnet	NEFS 6																		
6523	2012	Halibut	Large Mesh Gillnet	NEFS 7																		
6524	2012	Halibut	Large Mesh Gillnet	NEFS 8																		
6525	2012	Halibut	Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6526	2012	Halibut	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6527	2012	Halibut	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.26	16	13.79	122	846708	194743.20	209.00	909	375.20	437	79.50	90
6528	2012	Halibut	Large Mesh Gillnet	Tri-State Sector																		
6529	2012	Halibut	Ruhle Trawl	Fixed Gear Sector																		
6530	2012	Halibut	Ruhle Trawl	Maine Coast Community Sector																		
6531	2012	Halibut	Ruhle Trawl	NCCS																		
6532	2012	Halibut	Ruhle Trawl	NEFS 10																		
6533	2012	Halibut	Ruhle Trawl	NEFS 11																		
6534	2012	Halibut	Ruhle Trawl	NEFS 12																		
6535	2012	Halibut	Ruhle Trawl	NEFS 13	5	10	0	0.00						0	18740	0.00	0.00		40.50	43	0.00	0
6536	2012	Halibut	Ruhle Trawl	NEFS 2																		
6537	2012	Halibut	Ruhle Trawl	NEFS 3																		
6538	2012	Halibut	Ruhle Trawl	NEFS 5																		
6539	2012	Halibut	Ruhle Trawl	NEFS 6																		
6540	2012	Halibut	Ruhle Trawl	NEFS 7																		
6541	2012	Halibut	Ruhle Trawl	NEFS 8																		
6542	2012	Halibut	Ruhle Trawl	NEFS 9																		
6543	2012	Halibut	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6544	2012	Halibut	Ruhle Trawl	Sustainable Harvest Sector 1																		
6545	2012	Halibut	Ruhle Trawl	Tri-State Sector																		
6546	2012	Northern Windowpane	Bottom Longline	Fixed Gear Sector	19	461	113	24.51	0.00	0.00	0.00	0	0.00	0	1281716	348693.10	0.00	0	94.50	468	22.40	114
6547	2012	Northern Windowpane	Bottom Longline	Maine Coast Community Sector																		
6548	2012	Northern Windowpane	Bottom Longline	NCCS																		
6549	2012	Northern Windowpane	Bottom Longline	NEFS 10																		
6550	2012	Northern Windowpane	Bottom Longline	NEFS 11																		
6551	2012	Northern Windowpane	Bottom Longline	NEFS 12																		
6552	2012	Northern Windowpane	Bottom Longline	NEFS 13																		
6553	2012	Northern Windowpane	Bottom Longline	NEFS 2																		
6554	2012	Northern Windowpane	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.00	0	0.00	0	239396	60069.00	0.00	0	120.30	289	28.40	65
6555	2012	Northern Windowpane	Bottom Longline	NEFS 5																		
6556	2012	Northern Windowpane	Bottom Longline	NEFS 6																		
6557	2012	Northern Windowpane	Bottom Longline	NEFS 7																		
6558	2012	Northern Windowpane	Bottom Longline	NEFS 8																		
6559	2012	Northern Windowpane	Bottom Longline	NEFS 9																		
6560	2012	Northern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
6561	2012	Northern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
6562	2012	Northern Windowpane	Bottom Longline	Tri-State Sector																		
6563	2012	Northern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
6564	2012	Northern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.00	0	0.00	0	456434	114711.00	0.00	0	278.60	341	62.80	77
6565	2012	Northern Windowpane	Bottom Otter Trawl	NCCS																		
6566	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.01	0.00	0.13	34	5.80	3	1231861	270371.30	3964.00	18061	283.00	601	71.70	151
6567	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.01	0.00	0.27	35	18.32	0	212781	31661.10	235.00	1579	98.80	200	23.90	44
6568	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.26	34	17.17	0	171583	36010.50	82.00	391	102.00	206	23.90	43
6569	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 13	42	241	28	11.62	0.01	0.00	0.50	65	26.97	0	2924423	600199.00	5298.00	25814	838.50	908	200.70	213
6570	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 2	101	2271	491	21.62	0.00	0.00	0.17	182	8.01	0	10663298	2306909.30	4712.00	21780	2215.10	3235	536.30	785

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6571	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 3																		
6572	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 5	12	17	2	11.76	0.11	0.00	0.36	3	17.65	0	145825	25926.10	2812.00	15817	55.40	60	13.90	15
6573	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 6	15	199	24	12.06	0.00	0.00	0.55	63	31.66	0	3444507	489970.20	899.00	6320	630.90	689	124.90	136
6574	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 7	13	128	21	16.41	0.02	0.00	0.45	39	30.47	0	1674277	334603.30	5697.00	28506	480.10	523	138.20	148
6575	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 8	29	217	22	10.14	0.01	0.00	0.28	20	9.22	0	2365758	456510.90	4452.00	23071	854.70	912	171.70	182
6576	2012	Northern Windowpane	Bottom Otter Trawl	NEFS 9	110	689	87	12.63	0.01	0.00	0.18	34	4.93	0	9242758	1642462.90	23123.00	130122	2447.20	2640	595.40	644
6577	2012	Northern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6578	2012	Northern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	169	1709	225	13.17	0.00	0.00	0.27	193	11.29	0	21461994	4006011.20	1777.00	9520	4755.80	5290	1079.60	1192
6579	2012	Northern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
6580	2012	Northern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	15	909	174	19.14	0.00	0.00	0.42	289	31.79	0	5531171	932374.50	6.00	36	253.30	909	55.30	174
6581	2012	Northern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6582	2012	Northern Windowpane	Extra Large Mesh Gillnet	NCCS																		
6583	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 10	5	38	14	36.84	0.00	0.00	0.76	31	81.58	0	48755	6703.50	1.00	7	26.90	47	6.40	14
6584	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 11																		
6585	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
6586	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
6587	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
6588	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 3	16	157	52	33.12	0.00	0.00	0.00	0	0.00	0	302188	50222.30	0.00	0	130.30	221	32.90	62
6589	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
6590	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
6591	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 7																		
6592	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
6593	2012	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
6594	2012	Northern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6595	2012	Northern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6596	2012	Northern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
6597	2012	Northern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
6598	2012	Northern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
6599	2012	Northern Windowpane	Haddock Otter Trawl	NCCS																		
6600	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 10																		
6601	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 11																		
6602	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 12																		
6603	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 13																		
6604	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.72	8	80.00	0	78116	16729.60	3.00	14	39.40	42	29.40	31
6605	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 3																		
6606	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 5																		
6607	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 6																		
6608	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
6609	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 8																		
6610	2012	Northern Windowpane	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
6611	2012	Northern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6612	2012	Northern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.94	46	65.71	0	681498	111610.70	11.00	67	437.20	459	92.50	99
6613	2012	Northern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
6614	2012	Northern Windowpane	Handline	Fixed Gear Sector	3	82	82	100.00	0.00	0.00	0.00	0	0.00	0	9149	4074.20	0.00	0	5.00	9	18.00	84
6615	2012	Northern Windowpane	Handline	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6616	2012	Northern Windowpane	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
6617	2012	Northern Windowpane	Handline	NEFS 10																		
6618	2012	Northern Windowpane	Handline	NEFS 11																		
6619	2012	Northern Windowpane	Handline	NEFS 12																		
6620	2012	Northern Windowpane	Handline	NEFS 13																		
6621	2012	Northern Windowpane	Handline	NEFS 2																		
6622	2012	Northern Windowpane	Handline	NEFS 3																		
6623	2012	Northern Windowpane	Handline	NEFS 5																		
6624	2012	Northern Windowpane	Handline	NEFS 6																		
6625	2012	Northern Windowpane	Handline	NEFS 7																		
6626	2012	Northern Windowpane	Handline	NEFS 8																		
6627	2012	Northern Windowpane	Handline	NEFS 9																		
6628	2012	Northern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
6629	2012	Northern Windowpane	Handline	Sustainable Harvest Sector 1																		
6630	2012	Northern Windowpane	Handline	Tri-State Sector																		
6631	2012	Northern Windowpane	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.29	190	21.79	0	2465436	522769.10	86.00	406	278.30	878	75.30	200
6632	2012	Northern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.90	343	69.57	0	1613491	318265.90	4.00	20	461.30	729	85.20	137
6633	2012	Northern Windowpane	Large Mesh Gillnet	NCCS																		
6634	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 10	11	532	125	23.50	0.00	0.00	0.18	51	9.59	0	1437697	304233.20	48.00	227	325.60	659	47.40	131
6635	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 11	16	1283	302	23.54	0.00	0.00	0.54	646	50.35	0	3510967	809171.50	7.00	30	520.70	1310	136.60	307
6636	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.00	0	0.00	0	762756	81873.80	0.00	0	341.30	376	42.20	44
6637	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 13																		
6638	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 2																		
6639	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 3	29	1404	327	23.29	0.00	0.00	0.20	160	11.40	0	2973620	632798.40	161.00	757	629.90	1505	140.20	336
6640	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 5																		
6641	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 6																		
6642	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 7																		
6643	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 8																		
6644	2012	Northern Windowpane	Large Mesh Gillnet	NEFS 9																		
6645	2012	Northern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6646	2012	Northern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.00	0	0.00	4	846708	194743.20	0.00	0	375.20	437	79.50	90
6647	2012	Northern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
6648	2012	Northern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
6649	2012	Northern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
6650	2012	Northern Windowpane	Ruhle Trawl	NCCS																		
6651	2012	Northern Windowpane	Ruhle Trawl	NEFS 10																		
6652	2012	Northern Windowpane	Ruhle Trawl	NEFS 11																		
6653	2012	Northern Windowpane	Ruhle Trawl	NEFS 12																		
6654	2012	Northern Windowpane	Ruhle Trawl	NEFS 13	4	9	0	0.00						0	17633	0.00	0.00		40.50	43	0.00	0
6655	2012	Northern Windowpane	Ruhle Trawl	NEFS 2																		
6656	2012	Northern Windowpane	Ruhle Trawl	NEFS 3																		
6657	2012	Northern Windowpane	Ruhle Trawl	NEFS 5																		
6658	2012	Northern Windowpane	Ruhle Trawl	NEFS 6																		
6659	2012	Northern Windowpane	Ruhle Trawl	NEFS 7																		
6660	2012	Northern Windowpane	Ruhle Trawl	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6661	2012	Northern Windowpane	Ruhle Trawl	NEFS 9																		
6662	2012	Northern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6663	2012	Northern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
6664	2012	Northern Windowpane	Ruhle Trawl	Tri-State Sector																		
6665	2012	Ocean Pout	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.48	209	45.24	0	1282876	348693.10	35.00	129	94.60	469	22.40	114
6666	2012	Ocean Pout	Bottom Longline	Maine Coast Community Sector																		
6667	2012	Ocean Pout	Bottom Longline	NCCS																		
6668	2012	Ocean Pout	Bottom Longline	NEFS 10																		
6669	2012	Ocean Pout	Bottom Longline	NEFS 11																		
6670	2012	Ocean Pout	Bottom Longline	NEFS 12																		
6671	2012	Ocean Pout	Bottom Longline	NEFS 13																		
6672	2012	Ocean Pout	Bottom Longline	NEFS 2																		
6673	2012	Ocean Pout	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.38	91	31.49	0	239396	60069.00	33.00	132	120.30	289	28.40	65
6674	2012	Ocean Pout	Bottom Longline	NEFS 5																		
6675	2012	Ocean Pout	Bottom Longline	NEFS 6																		
6676	2012	Ocean Pout	Bottom Longline	NEFS 7																		
6677	2012	Ocean Pout	Bottom Longline	NEFS 8																		
6678	2012	Ocean Pout	Bottom Longline	NEFS 9																		
6679	2012	Ocean Pout	Bottom Longline	Port Clyde Community Groundfish Sector																		
6680	2012	Ocean Pout	Bottom Longline	Sustainable Harvest Sector 1																		
6681	2012	Ocean Pout	Bottom Longline	Tri-State Sector																		
6682	2012	Ocean Pout	Bottom Otter Trawl	Fixed Gear Sector																		
6683	2012	Ocean Pout	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.00	0	0.00	0	456434	114711.00	0.00	0	278.60	341	62.80	77
6684	2012	Ocean Pout	Bottom Otter Trawl	NCCS																		
6685	2012	Ocean Pout	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.31	153	26.11	0	1231861	270371.30	344.00	1567	283.00	601	71.70	151
6686	2012	Ocean Pout	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.65	106	55.50	0	212781	31661.10	7.00	47	98.80	200	23.90	44
6687	2012	Ocean Pout	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.39	65	32.83	0	171583	36010.50	17.00	81	102.00	206	23.90	43
6688	2012	Ocean Pout	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.26	74	11.51	0	4890587	893746.40	2226.00	12181	1335.20	1577	272.50	310
6689	2012	Ocean Pout	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.24	332	14.59	0	10676474	2306909.30	365.00	1689	2218.20	3239	536.30	785
6690	2012	Ocean Pout	Bottom Otter Trawl	NEFS 3																		
6691	2012	Ocean Pout	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.01	0.00	0.20	70	10.70	0	4913686	1123230.80	6310.00	27604	612.80	911	134.70	197
6692	2012	Ocean Pout	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.56	65	32.50	0	3459207	489970.20	199.00	1405	630.90	689	124.90	136
6693	2012	Ocean Pout	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.69	89	52.35	0	2031409	396964.40	389.00	1991	571.10	636	150.90	163
6694	2012	Ocean Pout	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.33	26	11.50	0	2456378	456510.90	966.00	5198	854.70	912	171.70	182
6695	2012	Ocean Pout	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.34	111	14.92	0	9782648	1716839.50	2481.00	14137	2523.30	2729	604.10	655
6696	2012	Ocean Pout	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6697	2012	Ocean Pout	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.32	254	14.46	0	21569536	4027628.40	2007.00	10748	4790.90	5335	1089.20	1203
6698	2012	Ocean Pout	Bottom Otter Trawl	Tri-State Sector																		
6699	2012	Ocean Pout	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.00	0	0.00	0	5685200	990365.20	0.00	0	282.70	954	67.60	191
6700	2012	Ocean Pout	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6701	2012	Ocean Pout	Extra Large Mesh Gillnet	NCCS																		
6702	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	0	49189	9118.90	0.00	0	27.30	48	6.90	15
6703	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 11																		
6704	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 12																		
6705	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6706	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 2																		
6707	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.00	0	0.00	0	322735	64210.80	0.00	0	136.70	231	36.10	66
6708	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 5																		
6709	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 6																		
6710	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
6711	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 8																		
6712	2012	Ocean Pout	Extra Large Mesh Gillnet	NEFS 9																		
6713	2012	Ocean Pout	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6714	2012	Ocean Pout	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6715	2012	Ocean Pout	Extra Large Mesh Gillnet	Tri-State Sector																		
6716	2012	Ocean Pout	Haddock Otter Trawl	Fixed Gear Sector																		
6717	2012	Ocean Pout	Haddock Otter Trawl	Maine Coast Community Sector																		
6718	2012	Ocean Pout	Haddock Otter Trawl	NCCS																		
6719	2012	Ocean Pout	Haddock Otter Trawl	NEFS 10																		
6720	2012	Ocean Pout	Haddock Otter Trawl	NEFS 11																		
6721	2012	Ocean Pout	Haddock Otter Trawl	NEFS 12																		
6722	2012	Ocean Pout	Haddock Otter Trawl	NEFS 13																		
6723	2012	Ocean Pout	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.00	0	0.00	0	78116	16729.60	0.00	0	39.40	42	29.40	31
6724	2012	Ocean Pout	Haddock Otter Trawl	NEFS 3																		
6725	2012	Ocean Pout	Haddock Otter Trawl	NEFS 5																		
6726	2012	Ocean Pout	Haddock Otter Trawl	NEFS 6																		
6727	2012	Ocean Pout	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
6728	2012	Ocean Pout	Haddock Otter Trawl	NEFS 8																		
6729	2012	Ocean Pout	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
6730	2012	Ocean Pout	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6731	2012	Ocean Pout	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.94	46	65.71	0	681498	111610.70	8.00	49	437.20	459	92.50	99
6732	2012	Ocean Pout	Haddock Otter Trawl	Tri-State Sector																		
6733	2012	Ocean Pout	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
6734	2012	Ocean Pout	Handline	Maine Coast Community Sector																		
6735	2012	Ocean Pout	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
6736	2012	Ocean Pout	Handline	NEFS 10																		
6737	2012	Ocean Pout	Handline	NEFS 11																		
6738	2012	Ocean Pout	Handline	NEFS 12																		
6739	2012	Ocean Pout	Handline	NEFS 13																		
6740	2012	Ocean Pout	Handline	NEFS 2																		
6741	2012	Ocean Pout	Handline	NEFS 3																		
6742	2012	Ocean Pout	Handline	NEFS 5																		
6743	2012	Ocean Pout	Handline	NEFS 6																		
6744	2012	Ocean Pout	Handline	NEFS 7																		
6745	2012	Ocean Pout	Handline	NEFS 8																		
6746	2012	Ocean Pout	Handline	NEFS 9																		
6747	2012	Ocean Pout	Handline	Port Clyde Community Groundfish Sector																		
6748	2012	Ocean Pout	Handline	Sustainable Harvest Sector 1																		
6749	2012	Ocean Pout	Handline	Tri-State Sector																		
6750	2012	Ocean Pout	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.00	0	0.00	0	2465436	522769.10	0.00	0	278.30	878	75.30	200

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6751	2012	Ocean Pout	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.00	0	0.00	0	1613491	318265.90	0.00	0	461.30	729	85.20	137
6752	2012	Ocean Pout	Large Mesh Gillnet	NCCS																		
6753	2012	Ocean Pout	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.62	312	56.52	0	1490817	306718.10	2.00	10	336.30	679	48.50	133
6754	2012	Ocean Pout	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.43	498	38.79	0	3513212	809171.50	31.00	135	521.30	1311	136.60	307
6755	2012	Ocean Pout	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.00	0	0.00	0	762756	81873.80	0.00	0	341.30	376	42.20	44
6756	2012	Ocean Pout	Large Mesh Gillnet	NEFS 13																		
6757	2012	Ocean Pout	Large Mesh Gillnet	NEFS 2																		
6758	2012	Ocean Pout	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.88	1032	71.72	0	3033206	632798.40	4.00	19	643.30	1540	140.20	336
6759	2012	Ocean Pout	Large Mesh Gillnet	NEFS 5																		
6760	2012	Ocean Pout	Large Mesh Gillnet	NEFS 6																		
6761	2012	Ocean Pout	Large Mesh Gillnet	NEFS 7																		
6762	2012	Ocean Pout	Large Mesh Gillnet	NEFS 8																		
6763	2012	Ocean Pout	Large Mesh Gillnet	NEFS 9																		
6764	2012	Ocean Pout	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6765	2012	Ocean Pout	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.00	0	0.00	0	846708	194743.20	0.00	0	375.20	437	79.50	90
6766	2012	Ocean Pout	Large Mesh Gillnet	Tri-State Sector																		
6767	2012	Ocean Pout	Ruhle Trawl	Fixed Gear Sector																		
6768	2012	Ocean Pout	Ruhle Trawl	Maine Coast Community Sector																		
6769	2012	Ocean Pout	Ruhle Trawl	NCCS																		
6770	2012	Ocean Pout	Ruhle Trawl	NEFS 10																		
6771	2012	Ocean Pout	Ruhle Trawl	NEFS 11																		
6772	2012	Ocean Pout	Ruhle Trawl	NEFS 12																		
6773	2012	Ocean Pout	Ruhle Trawl	NEFS 13	5	10	0	0.00						0	18740	0.00	0.00		40.50	43	0.00	0
6774	2012	Ocean Pout	Ruhle Trawl	NEFS 2																		
6775	2012	Ocean Pout	Ruhle Trawl	NEFS 3																		
6776	2012	Ocean Pout	Ruhle Trawl	NEFS 5																		
6777	2012	Ocean Pout	Ruhle Trawl	NEFS 6																		
6778	2012	Ocean Pout	Ruhle Trawl	NEFS 7																		
6779	2012	Ocean Pout	Ruhle Trawl	NEFS 8																		
6780	2012	Ocean Pout	Ruhle Trawl	NEFS 9																		
6781	2012	Ocean Pout	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6782	2012	Ocean Pout	Ruhle Trawl	Sustainable Harvest Sector 1																		
6783	2012	Ocean Pout	Ruhle Trawl	Tri-State Sector																		
6784	2012	Plaice	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.00	0	0.00	0	1282876	348693.10	0.00	0	94.60	469	22.40	114
6785	2012	Plaice	Bottom Longline	Maine Coast Community Sector																		
6786	2012	Plaice	Bottom Longline	NCCS																		
6787	2012	Plaice	Bottom Longline	NEFS 10																		
6788	2012	Plaice	Bottom Longline	NEFS 11																		
6789	2012	Plaice	Bottom Longline	NEFS 12																		
6790	2012	Plaice	Bottom Longline	NEFS 13																		
6791	2012	Plaice	Bottom Longline	NEFS 2																		
6792	2012	Plaice	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.00	0	0.00	0	239396	60069.00	0.00	0	120.30	289	28.40	65
6793	2012	Plaice	Bottom Longline	NEFS 5																		
6794	2012	Plaice	Bottom Longline	NEFS 6																		
6795	2012	Plaice	Bottom Longline	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6796	2012	Plaice	Bottom Longline	NEFS 8																		
6797	2012	Plaice	Bottom Longline	NEFS 9																		
6798	2012	Plaice	Bottom Longline	Port Clyde Community Groundfish Sector																		
6799	2012	Plaice	Bottom Longline	Sustainable Harvest Sector 1																		
6800	2012	Plaice	Bottom Longline	Tri-State Sector																		
6801	2012	Plaice	Bottom Otter Trawl	Fixed Gear Sector																		
6802	2012	Plaice	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.02	0.00	0.16	11	7.86	85204	456434	114711.00	2287.00	9100	278.60	341	62.80	77
6803	2012	Plaice	Bottom Otter Trawl	NCCS																		
6804	2012	Plaice	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.02	0.00	0.15	45	7.68	31910	1231861	270371.30	5425.00	24717	283.00	601	71.70	151
6805	2012	Plaice	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.03	0.00	0.18	17	8.90	16494	212781	31661.10	948.00	6371	98.80	200	23.90	44
6806	2012	Plaice	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.05	0.00	0.15	14	7.07	14095	171583	36010.50	1792.00	8539	102.00	206	23.90	43
6807	2012	Plaice	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.36	126	19.60	150951	4890587	893746.40	4389.00	24017	1335.20	1577	272.50	310
6808	2012	Plaice	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.01	0.00	0.10	74	3.25	343356	10703638	2306909.30	25642.00	118974	2218.20	3239	536.30	785
6809	2012	Plaice	Bottom Otter Trawl	NEFS 3																		
6810	2012	Plaice	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.81	428	65.44	10866	4913686	1123230.80	157.00	687	612.80	911	134.70	197
6811	2012	Plaice	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.29	23	11.50	249153	3459207	489970.20	2242.00	15829	630.90	689	124.90	136
6812	2012	Plaice	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.01	0.00	0.21	16	9.41	79096	2031409	396964.40	2203.00	11274	571.10	636	150.90	163
6813	2012	Plaice	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.01	0.00	0.29	22	9.73	86518	2456378	456510.90	2802.00	15077	854.70	912	171.70	182
6814	2012	Plaice	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.01	0.00	0.16	29	3.90	375450	9782648	1716839.50	12731.00	72542	2523.30	2729	604.10	655
6815	2012	Plaice	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6816	2012	Plaice	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.01	0.00	0.10	29	1.65	1525022	21570361	4027628.40	35267.00	188876	4790.90	5335	1089.20	1203
6817	2012	Plaice	Bottom Otter Trawl	Tri-State Sector																		
6818	2012	Plaice	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.00	0	0.00	5	5685200	990365.20	0.00	0	282.70	954	67.60	191
6819	2012	Plaice	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6820	2012	Plaice	Extra Large Mesh Gillnet	NCCS																		
6821	2012	Plaice	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	11	49189	9118.90	0.00	0	27.30	48	6.90	15
6822	2012	Plaice	Extra Large Mesh Gillnet	NEFS 11																		
6823	2012	Plaice	Extra Large Mesh Gillnet	NEFS 12																		
6824	2012	Plaice	Extra Large Mesh Gillnet	NEFS 13																		
6825	2012	Plaice	Extra Large Mesh Gillnet	NEFS 2																		
6826	2012	Plaice	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.00	0	0.00	94	322735	64210.80	0.00	0	136.70	231	36.10	66
6827	2012	Plaice	Extra Large Mesh Gillnet	NEFS 5																		
6828	2012	Plaice	Extra Large Mesh Gillnet	NEFS 6																		
6829	2012	Plaice	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
6830	2012	Plaice	Extra Large Mesh Gillnet	NEFS 8																		
6831	2012	Plaice	Extra Large Mesh Gillnet	NEFS 9																		
6832	2012	Plaice	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6833	2012	Plaice	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6834	2012	Plaice	Extra Large Mesh Gillnet	Tri-State Sector																		
6835	2012	Plaice	Haddock Otter Trawl	Fixed Gear Sector																		
6836	2012	Plaice	Haddock Otter Trawl	Maine Coast Community Sector																		
6837	2012	Plaice	Haddock Otter Trawl	NCCS																		
6838	2012	Plaice	Haddock Otter Trawl	NEFS 10																		
6839	2012	Plaice	Haddock Otter Trawl	NEFS 11																		
6840	2012	Plaice	Haddock Otter Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6841	2012	Plaice	Haddock Otter Trawl	NEFS 13																		
6842	2012	Plaice	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.59	8	80.00	320	110968	16729.60	22.00	146	39.40	42	29.40	31
6843	2012	Plaice	Haddock Otter Trawl	NEFS 3																		
6844	2012	Plaice	Haddock Otter Trawl	NEFS 5																		
6845	2012	Plaice	Haddock Otter Trawl	NEFS 6																		
6846	2012	Plaice	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
6847	2012	Plaice	Haddock Otter Trawl	NEFS 8																		
6848	2012	Plaice	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
6849	2012	Plaice	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6850	2012	Plaice	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.46	22	31.43	10408	684020	111610.70	17.00	104	437.20	459	92.50	99
6851	2012	Plaice	Haddock Otter Trawl	Tri-State Sector																		
6852	2012	Plaice	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
6853	2012	Plaice	Handline	Maine Coast Community Sector																		
6854	2012	Plaice	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
6855	2012	Plaice	Handline	NEFS 10																		
6856	2012	Plaice	Handline	NEFS 11																		
6857	2012	Plaice	Handline	NEFS 12																		
6858	2012	Plaice	Handline	NEFS 13																		
6859	2012	Plaice	Handline	NEFS 2																		
6860	2012	Plaice	Handline	NEFS 3																		
6861	2012	Plaice	Handline	NEFS 5																		
6862	2012	Plaice	Handline	NEFS 6																		
6863	2012	Plaice	Handline	NEFS 7																		
6864	2012	Plaice	Handline	NEFS 8																		
6865	2012	Plaice	Handline	NEFS 9																		
6866	2012	Plaice	Handline	Port Clyde Community Groundfish Sector																		
6867	2012	Plaice	Handline	Sustainable Harvest Sector 1																		
6868	2012	Plaice	Handline	Tri-State Sector																		
6869	2012	Plaice	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.54	425	48.74	135	2465436	522769.10	4.00	19	278.30	878	75.30	200
6870	2012	Plaice	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.19	46	9.33	1979	1613491	318265.90	251.00	1272	461.30	729	85.20	137
6871	2012	Plaice	Large Mesh Gillnet	NCCS																		
6872	2012	Plaice	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.24	88	15.94	1682	1490817	306718.10	169.00	821	336.30	679	48.50	133
6873	2012	Plaice	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.09	39	3.04	3249	3513212	809171.50	257.00	1116	521.30	1311	136.60	307
6874	2012	Plaice	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.58	27	32.53	292	762756	81873.80	11.00	102	341.30	376	42.20	44
6875	2012	Plaice	Large Mesh Gillnet	NEFS 13																		
6876	2012	Plaice	Large Mesh Gillnet	NEFS 2																		
6877	2012	Plaice	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.14	93	6.46	7236	3033206	632798.40	477.00	2286	643.30	1540	140.20	336
6878	2012	Plaice	Large Mesh Gillnet	NEFS 5																		
6879	2012	Plaice	Large Mesh Gillnet	NEFS 6																		
6880	2012	Plaice	Large Mesh Gillnet	NEFS 7																		
6881	2012	Plaice	Large Mesh Gillnet	NEFS 8																		
6882	2012	Plaice	Large Mesh Gillnet	NEFS 9																		
6883	2012	Plaice	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6884	2012	Plaice	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.42	34	29.31	218	846708	194743.20	82.00	357	375.20	437	79.50	90
6885	2012	Plaice	Large Mesh Gillnet	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6886	2012	Plaice	Ruhle Trawl	Fixed Gear Sector																		
6887	2012	Plaice	Ruhle Trawl	Maine Coast Community Sector																		
6888	2012	Plaice	Ruhle Trawl	NCCS																		
6889	2012	Plaice	Ruhle Trawl	NEFS 10																		
6890	2012	Plaice	Ruhle Trawl	NEFS 11																		
6891	2012	Plaice	Ruhle Trawl	NEFS 12																		
6892	2012	Plaice	Ruhle Trawl	NEFS 13	5	10	0	0.00						2	18740	0.00	0.00		40.50	43	0.00	0
6893	2012	Plaice	Ruhle Trawl	NEFS 2																		
6894	2012	Plaice	Ruhle Trawl	NEFS 3																		
6895	2012	Plaice	Ruhle Trawl	NEFS 5																		
6896	2012	Plaice	Ruhle Trawl	NEFS 6																		
6897	2012	Plaice	Ruhle Trawl	NEFS 7																		
6898	2012	Plaice	Ruhle Trawl	NEFS 8																		
6899	2012	Plaice	Ruhle Trawl	NEFS 9																		
6900	2012	Plaice	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
6901	2012	Plaice	Ruhle Trawl	Sustainable Harvest Sector 1																		
6902	2012	Plaice	Ruhle Trawl	Tri-State Sector																		
6903	2012	Pollock	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.55	240	51.95	2527	1282876	348693.10	6.00	22	94.60	469	22.40	114
6904	2012	Pollock	Bottom Longline	Maine Coast Community Sector																		
6905	2012	Pollock	Bottom Longline	NCCS																		
6906	2012	Pollock	Bottom Longline	NEFS 10																		
6907	2012	Pollock	Bottom Longline	NEFS 11																		
6908	2012	Pollock	Bottom Longline	NEFS 12																		
6909	2012	Pollock	Bottom Longline	NEFS 13																		
6910	2012	Pollock	Bottom Longline	NEFS 2																		
6911	2012	Pollock	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.37	89	30.80	5340	239396	60069.00	16.00	64	120.30	289	28.40	65
6912	2012	Pollock	Bottom Longline	NEFS 5																		
6913	2012	Pollock	Bottom Longline	NEFS 6																		
6914	2012	Pollock	Bottom Longline	NEFS 7																		
6915	2012	Pollock	Bottom Longline	NEFS 8																		
6916	2012	Pollock	Bottom Longline	NEFS 9																		
6917	2012	Pollock	Bottom Longline	Port Clyde Community Groundfish Sector																		
6918	2012	Pollock	Bottom Longline	Sustainable Harvest Sector 1																		
6919	2012	Pollock	Bottom Longline	Tri-State Sector																		
6920	2012	Pollock	Bottom Otter Trawl	Fixed Gear Sector																		
6921	2012	Pollock	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.00	0	0.00	33002	456434	114711.00	0.00	0	278.60	341	62.80	77
6922	2012	Pollock	Bottom Otter Trawl	NCCS																		
6923	2012	Pollock	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.75	395	67.41	11883	1231861	270371.30	7.00	32	283.00	601	71.70	151
6924	2012	Pollock	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.80	126	65.97	3855	212781	31661.10	31.00	208	98.80	200	23.90	44
6925	2012	Pollock	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.00	0	0.00	1341	171583	36010.50	0.00	0	102.00	206	23.90	43
6926	2012	Pollock	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.69	302	46.97	180876	4890587	893746.40	181.00	990	1335.20	1577	272.50	310
6927	2012	Pollock	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.14	125	5.49	3465241	10703947	2306909.30	5859.00	27185	2218.20	3239	536.30	785
6928	2012	Pollock	Bottom Otter Trawl	NEFS 3																		
6929	2012	Pollock	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.00	0	0.00	2133	4913686	1123230.80	0.00	0	612.80	911	134.70	197
6930	2012	Pollock	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.27	20	10.00	553295	3459207	489970.20	202.00	1426	630.90	689	124.90	136

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6931	2012	Pollock	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.92	113	66.47	3548	2031409	396964.40	2.00	10	571.10	636	150.90	163
6932	2012	Pollock	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.76	93	41.15	109529	2456378	456510.90	163.00	877	854.70	912	171.70	182
6933	2012	Pollock	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.29	84	11.29	734067	9782648	1716839.50	1656.00	9436	2523.30	2729	604.10	655
6934	2012	Pollock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
6935	2012	Pollock	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.21	121	6.89	5165161	21585997	4027628.40	10897.00	58402	4790.90	5335	1089.20	1203
6936	2012	Pollock	Bottom Otter Trawl	Tri-State Sector																		
6937	2012	Pollock	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.32	207	22.02	426	5685200	990365.20	51.00	293	282.70	954	67.60	191
6938	2012	Pollock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
6939	2012	Pollock	Extra Large Mesh Gillnet	NCCS																		
6940	2012	Pollock	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.66	30	76.92	13	49189	9118.90	4.00	22	27.30	48	6.90	15
6941	2012	Pollock	Extra Large Mesh Gillnet	NEFS 11																		
6942	2012	Pollock	Extra Large Mesh Gillnet	NEFS 12																		
6943	2012	Pollock	Extra Large Mesh Gillnet	NEFS 13																		
6944	2012	Pollock	Extra Large Mesh Gillnet	NEFS 2																		
6945	2012	Pollock	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.01	0.00	0.38	73	44.79	23357	322735	64210.80	666.00	3347	136.70	231	36.10	66
6946	2012	Pollock	Extra Large Mesh Gillnet	NEFS 5																		
6947	2012	Pollock	Extra Large Mesh Gillnet	NEFS 6																		
6948	2012	Pollock	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
6949	2012	Pollock	Extra Large Mesh Gillnet	NEFS 8																		
6950	2012	Pollock	Extra Large Mesh Gillnet	NEFS 9																		
6951	2012	Pollock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
6952	2012	Pollock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
6953	2012	Pollock	Extra Large Mesh Gillnet	Tri-State Sector																		
6954	2012	Pollock	Haddock Otter Trawl	Fixed Gear Sector																		
6955	2012	Pollock	Haddock Otter Trawl	Maine Coast Community Sector																		
6956	2012	Pollock	Haddock Otter Trawl	NCCS																		
6957	2012	Pollock	Haddock Otter Trawl	NEFS 10																		
6958	2012	Pollock	Haddock Otter Trawl	NEFS 11																		
6959	2012	Pollock	Haddock Otter Trawl	NEFS 12																		
6960	2012	Pollock	Haddock Otter Trawl	NEFS 13																		
6961	2012	Pollock	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.48	7	70.00	27494	103674	16729.60	66.00	409	39.40	42	29.40	31
6962	2012	Pollock	Haddock Otter Trawl	NEFS 3																		
6963	2012	Pollock	Haddock Otter Trawl	NEFS 5																		
6964	2012	Pollock	Haddock Otter Trawl	NEFS 6																		
6965	2012	Pollock	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
6966	2012	Pollock	Haddock Otter Trawl	NEFS 8																		
6967	2012	Pollock	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						1217	14144	0.00	0.00		16.10	18	0.00	0
6968	2012	Pollock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
6969	2012	Pollock	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.01	0.00	0.46	22	31.43	81626	691828	111610.70	620.00	3843	437.20	459	92.50	99
6970	2012	Pollock	Haddock Otter Trawl	Tri-State Sector																		
6971	2012	Pollock	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	888	9149	4116.20	5.00	11	5.00	9	18.20	85
6972	2012	Pollock	Handline	Maine Coast Community Sector																		
6973	2012	Pollock	Handline	NCCS	4	11	2	18.18	0.06	0.00	1.08	9	81.82	1656	3312	738.20	46.00	206	6.40	12	1.10	2
6974	2012	Pollock	Handline	NEFS 10																		
6975	2012	Pollock	Handline	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
6976	2012	Pollock	Handline	NEFS 12																		
6977	2012	Pollock	Handline	NEFS 13																		
6978	2012	Pollock	Handline	NEFS 2																		
6979	2012	Pollock	Handline	NEFS 3																		
6980	2012	Pollock	Handline	NEFS 5																		
6981	2012	Pollock	Handline	NEFS 6																		
6982	2012	Pollock	Handline	NEFS 7																		
6983	2012	Pollock	Handline	NEFS 8																		
6984	2012	Pollock	Handline	NEFS 9																		
6985	2012	Pollock	Handline	Port Clyde Community Groundfish Sector																		
6986	2012	Pollock	Handline	Sustainable Harvest Sector 1																		
6987	2012	Pollock	Handline	Tri-State Sector																		
6988	2012	Pollock	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.14	55	6.31	152589	2465436	522769.10	2212.00	10432	278.30	878	75.30	200
6989	2012	Pollock	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.02	0.00	0.14	27	5.48	784214	1613491	318265.90	5116.00	25936	461.30	729	85.20	137
6990	2012	Pollock	Large Mesh Gillnet	NCCS																		
6991	2012	Pollock	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.52	260	47.10	113260	1490817	306718.10	108.00	525	336.30	679	48.50	133
6992	2012	Pollock	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.01	0.00	0.14	77	6.00	991465	3513212	809171.50	5475.00	23771	521.30	1311	136.60	307
6993	2012	Pollock	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.03	0.00	0.31	10	12.05	569860	762756	81873.80	2780.00	25899	341.30	376	42.20	44
6994	2012	Pollock	Large Mesh Gillnet	NEFS 13																		
6995	2012	Pollock	Large Mesh Gillnet	NEFS 2																		
6996	2012	Pollock	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.15	101	7.02	343828	3033206	632798.40	2034.00	9750	643.30	1540	140.20	336
6997	2012	Pollock	Large Mesh Gillnet	NEFS 5																		
6998	2012	Pollock	Large Mesh Gillnet	NEFS 6																		
6999	2012	Pollock	Large Mesh Gillnet	NEFS 7																		
7000	2012	Pollock	Large Mesh Gillnet	NEFS 8																		
7001	2012	Pollock	Large Mesh Gillnet	NEFS 9																		
7002	2012	Pollock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7003	2012	Pollock	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.02	0.00	0.30	20	17.24	496851	846708	194743.20	3501.00	15222	375.20	437	79.50	90
7004	2012	Pollock	Large Mesh Gillnet	Tri-State Sector																		
7005	2012	Pollock	Ruhle Trawl	Fixed Gear Sector																		
7006	2012	Pollock	Ruhle Trawl	Maine Coast Community Sector																		
7007	2012	Pollock	Ruhle Trawl	NCCS																		
7008	2012	Pollock	Ruhle Trawl	NEFS 10																		
7009	2012	Pollock	Ruhle Trawl	NEFS 11																		
7010	2012	Pollock	Ruhle Trawl	NEFS 12																		
7011	2012	Pollock	Ruhle Trawl	NEFS 13	5	10	0	0.00						127	18740	0.00	0.00		40.50	43	0.00	0
7012	2012	Pollock	Ruhle Trawl	NEFS 2																		
7013	2012	Pollock	Ruhle Trawl	NEFS 3																		
7014	2012	Pollock	Ruhle Trawl	NEFS 5																		
7015	2012	Pollock	Ruhle Trawl	NEFS 6																		
7016	2012	Pollock	Ruhle Trawl	NEFS 7																		
7017	2012	Pollock	Ruhle Trawl	NEFS 8																		
7018	2012	Pollock	Ruhle Trawl	NEFS 9																		
7019	2012	Pollock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7020	2012	Pollock	Ruhle Trawl	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7021	2012	Pollock	Ruhle Trawl	Tri-State Sector																		
7022	2012	Redfish	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.00	0	0.00	67	1282876	348693.10	0.00	0	94.60	469	22.40	114
7023	2012	Redfish	Bottom Longline	Maine Coast Community Sector																		
7024	2012	Redfish	Bottom Longline	NCCS																		
7025	2012	Redfish	Bottom Longline	NEFS 10																		
7026	2012	Redfish	Bottom Longline	NEFS 11																		
7027	2012	Redfish	Bottom Longline	NEFS 12																		
7028	2012	Redfish	Bottom Longline	NEFS 13																		
7029	2012	Redfish	Bottom Longline	NEFS 2																		
7030	2012	Redfish	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.50	128	44.29	243	239396	60069.00	6.00	24	120.30	289	28.40	65
7031	2012	Redfish	Bottom Longline	NEFS 5																		
7032	2012	Redfish	Bottom Longline	NEFS 6																		
7033	2012	Redfish	Bottom Longline	NEFS 7																		
7034	2012	Redfish	Bottom Longline	NEFS 8																		
7035	2012	Redfish	Bottom Longline	NEFS 9																		
7036	2012	Redfish	Bottom Longline	Port Clyde Community Groundfish Sector																		
7037	2012	Redfish	Bottom Longline	Sustainable Harvest Sector 1																		
7038	2012	Redfish	Bottom Longline	Tri-State Sector																		
7039	2012	Redfish	Bottom Otter Trawl	Fixed Gear Sector																		
7040	2012	Redfish	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.15	10	7.14	7348	456434	114711.00	290.00	1154	278.60	341	62.80	77
7041	2012	Redfish	Bottom Otter Trawl	NCCS																		
7042	2012	Redfish	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.55	308	52.56	1494	1231861	270371.30	17.00	77	283.00	601	71.70	151
7043	2012	Redfish	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.32	45	23.56	304	212781	31661.10	51.00	343	98.80	200	23.90	44
7044	2012	Redfish	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.32	47	23.74	322	171583	36010.50	16.00	76	102.00	206	23.90	43
7045	2012	Redfish	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.28	84	13.06	95184	4890587	893746.40	801.00	4383	1335.20	1577	272.50	310
7046	2012	Redfish	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.02	0.00	0.16	165	7.25	2304646	10705800	2306909.30	39107.00	181486	2218.20	3239	536.30	785
7047	2012	Redfish	Bottom Otter Trawl	NEFS 3																		
7048	2012	Redfish	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.00	0	0.00	355	4913686	1123230.80	0.00	0	612.80	911	134.70	197
7049	2012	Redfish	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.01	0.00	0.46	49	24.50	953813	3459207	489970.20	5803.00	40969	630.90	689	124.90	136
7050	2012	Redfish	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.47	57	33.53	4968	2031409	396964.40	244.00	1249	571.10	636	150.90	163
7051	2012	Redfish	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.34	28	12.39	28401	2456378	456510.90	812.00	4369	854.70	912	171.70	182
7052	2012	Redfish	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.01	0.00	0.48	197	26.48	1269618	9782648	1716839.50	20741.00	118183	2523.30	2729	604.10	655
7053	2012	Redfish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7054	2012	Redfish	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.02	0.00	0.22	129	7.35	4248858	21599066	4027628.40	69138.00	370768	4790.90	5335	1089.20	1203
7055	2012	Redfish	Bottom Otter Trawl	Tri-State Sector																		
7056	2012	Redfish	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.00	0	0.00	21	5685200	990365.20	0.00	0	282.70	954	67.60	191
7057	2012	Redfish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7058	2012	Redfish	Extra Large Mesh Gillnet	NCCS																		
7059	2012	Redfish	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	4	49189	9118.90	0.00	0	27.30	48	6.90	15
7060	2012	Redfish	Extra Large Mesh Gillnet	NEFS 11																		
7061	2012	Redfish	Extra Large Mesh Gillnet	NEFS 12																		
7062	2012	Redfish	Extra Large Mesh Gillnet	NEFS 13																		
7063	2012	Redfish	Extra Large Mesh Gillnet	NEFS 2																		
7064	2012	Redfish	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.00	0	0.00	51	322735	64210.80	0.00	0	136.70	231	36.10	66
7065	2012	Redfish	Extra Large Mesh Gillnet	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7066	2012	Redfish	Extra Large Mesh Gillnet	NEFS 6																		
7067	2012	Redfish	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
7068	2012	Redfish	Extra Large Mesh Gillnet	NEFS 8																		
7069	2012	Redfish	Extra Large Mesh Gillnet	NEFS 9																		
7070	2012	Redfish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7071	2012	Redfish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7072	2012	Redfish	Extra Large Mesh Gillnet	Tri-State Sector																		
7073	2012	Redfish	Haddock Otter Trawl	Fixed Gear Sector																		
7074	2012	Redfish	Haddock Otter Trawl	Maine Coast Community Sector																		
7075	2012	Redfish	Haddock Otter Trawl	NCCS																		
7076	2012	Redfish	Haddock Otter Trawl	NEFS 10																		
7077	2012	Redfish	Haddock Otter Trawl	NEFS 11																		
7078	2012	Redfish	Haddock Otter Trawl	NEFS 12																		
7079	2012	Redfish	Haddock Otter Trawl	NEFS 13																		
7080	2012	Redfish	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.07	0.00	0.17	2	20.00	59416	122300	16729.60	1160.00	8480	39.40	42	29.40	31
7081	2012	Redfish	Haddock Otter Trawl	NEFS 3																		
7082	2012	Redfish	Haddock Otter Trawl	NEFS 5																		
7083	2012	Redfish	Haddock Otter Trawl	NEFS 6																		
7084	2012	Redfish	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
7085	2012	Redfish	Haddock Otter Trawl	NEFS 8																		
7086	2012	Redfish	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
7087	2012	Redfish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7088	2012	Redfish	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.03	0.00	0.36	15	21.43	122725	684740	111610.70	3609.00	22141	437.20	459	92.50	99
7089	2012	Redfish	Haddock Otter Trawl	Tri-State Sector																		
7090	2012	Redfish	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
7091	2012	Redfish	Handline	Maine Coast Community Sector																		
7092	2012	Redfish	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	54	3312	738.20	0.00	0	6.40	12	1.10	2
7093	2012	Redfish	Handline	NEFS 10																		
7094	2012	Redfish	Handline	NEFS 11																		
7095	2012	Redfish	Handline	NEFS 12																		
7096	2012	Redfish	Handline	NEFS 13																		
7097	2012	Redfish	Handline	NEFS 2																		
7098	2012	Redfish	Handline	NEFS 3																		
7099	2012	Redfish	Handline	NEFS 5																		
7100	2012	Redfish	Handline	NEFS 6																		
7101	2012	Redfish	Handline	NEFS 7																		
7102	2012	Redfish	Handline	NEFS 8																		
7103	2012	Redfish	Handline	NEFS 9																		
7104	2012	Redfish	Handline	Port Clyde Community Groundfish Sector																		
7105	2012	Redfish	Handline	Sustainable Harvest Sector 1																		
7106	2012	Redfish	Handline	Tri-State Sector																		
7107	2012	Redfish	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.29	190	21.79	6480	2465436	522769.10	28.00	132	278.30	878	75.30	200
7108	2012	Redfish	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.27	82	16.63	13911	1613491	318265.90	76.00	385	461.30	729	85.20	137
7109	2012	Redfish	Large Mesh Gillnet	NCCS																		
7110	2012	Redfish	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.64	320	57.97	14984	1490817	306718.10	14.00	68	336.30	679	48.50	133

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7111	2012	Redfish	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.16	108	8.41	9568	3513212	809171.50	203.00	881	521.30	1311	136.60	307
7112	2012	Redfish	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.22	6	7.23	25574	762756	81873.80	189.00	1761	341.30	376	42.20	44
7113	2012	Redfish	Large Mesh Gillnet	NEFS 13																		
7114	2012	Redfish	Large Mesh Gillnet	NEFS 2																		
7115	2012	Redfish	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.19	153	10.63	2733	3033206	632798.40	46.00	220	643.30	1540	140.20	336
7116	2012	Redfish	Large Mesh Gillnet	NEFS 5																		
7117	2012	Redfish	Large Mesh Gillnet	NEFS 6																		
7118	2012	Redfish	Large Mesh Gillnet	NEFS 7																		
7119	2012	Redfish	Large Mesh Gillnet	NEFS 8																		
7120	2012	Redfish	Large Mesh Gillnet	NEFS 9																		
7121	2012	Redfish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7122	2012	Redfish	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.35	26	22.41	16964	846708	194743.20	231.00	1004	375.20	437	79.50	90
7123	2012	Redfish	Large Mesh Gillnet	Tri-State Sector																		
7124	2012	Redfish	Ruhle Trawl	Fixed Gear Sector																		
7125	2012	Redfish	Ruhle Trawl	Maine Coast Community Sector																		
7126	2012	Redfish	Ruhle Trawl	NCCS																		
7127	2012	Redfish	Ruhle Trawl	NEFS 10																		
7128	2012	Redfish	Ruhle Trawl	NEFS 11																		
7129	2012	Redfish	Ruhle Trawl	NEFS 12																		
7130	2012	Redfish	Ruhle Trawl	NEFS 13	5	10	0	0.00						0	18740	0.00	0.00		40.50	43	0.00	0
7131	2012	Redfish	Ruhle Trawl	NEFS 2																		
7132	2012	Redfish	Ruhle Trawl	NEFS 3																		
7133	2012	Redfish	Ruhle Trawl	NEFS 5																		
7134	2012	Redfish	Ruhle Trawl	NEFS 6																		
7135	2012	Redfish	Ruhle Trawl	NEFS 7																		
7136	2012	Redfish	Ruhle Trawl	NEFS 8																		
7137	2012	Redfish	Ruhle Trawl	NEFS 9																		
7138	2012	Redfish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7139	2012	Redfish	Ruhle Trawl	Sustainable Harvest Sector 1																		
7140	2012	Redfish	Ruhle Trawl	Tri-State Sector																		
7141	2012	SNE/MA Winter Flounder	Bottom Longline	Fixed Gear Sector	10	413	105	25.42	0.00	0.00	0.00	0	0.00	0	1182889	330317.10	0.00	0	65.70	415	17.00	105
7142	2012	SNE/MA Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
7143	2012	SNE/MA Winter Flounder	Bottom Longline	NCCS																		
7144	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 10																		
7145	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 11																		
7146	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 12																		
7147	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 13																		
7148	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 2																		
7149	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 3																		
7150	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 5																		
7151	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 6																		
7152	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 7																		
7153	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 8																		
7154	2012	SNE/MA Winter Flounder	Bottom Longline	NEFS 9																		
7155	2012	SNE/MA Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7156	2012	SNE/MA Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
7157	2012	SNE/MA Winter Flounder	Bottom Longline	Tri-State Sector																		
7158	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
7159	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
7160	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NCCS																		
7161	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 10																		
7162	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 11																		
7163	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 12																		
7164	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 13	55	440	73	16.59	0.02	0.00	0.19	34	7.73	3	2185657	332346.80	7725.00	50803	757.50	954	140.60	171
7165	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 2	14	140	41	29.29	0.00	0.00	0.66	94	67.14	365	1895647	497560.10	33.00	126	774.80	844	222.20	242
7166	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 3																		
7167	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 5	46	639	134	20.97	0.01	0.00	0.10	17	2.66	457	4772066	1097304.70	13926.50	60565	572.30	867	126.60	188
7168	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 6	5	56	14	25.00	0.00	0.00	0.85	41	73.21	13	1046308	164096.80	15.00	96	396.80	427	92.60	99
7169	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 7	9	79	16	20.25	0.01	0.00	0.47	31	39.24	0	531162	76577.10	783.50	5435	312.60	356	65.60	71
7170	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 8	10	55	13	23.64	0.01	0.00	0.86	40	72.73	2	360249	43299.10	616.00	5125	384.20	408	108.90	115
7171	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 9	35	206	59	28.64	0.01	0.00	0.52	114	55.34	47	1766662	374564.60	3806.50	17954	1168.40	1268	391.40	424
7172	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7173	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	30	303	79	26.07	0.03	0.00	0.36	104	34.32	108	3298365	536274.30	14453.00	88893	1867.60	2014	550.60	590
7174	2012	SNE/MA Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
7175	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	22	938	183	19.51	0.00	0.00	0.00	0	0.00	0	5674580	990365.20	0.00	0	282.20	952	67.60	191
7176	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7177	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
7178	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
7179	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
7180	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
7181	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
7182	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
7183	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	5	10	3	30.00	0.00	0.00	0.00	0	0.00	0	30885	13988.50	0.00	0	14.50	20	3.20	4
7184	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
7185	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
7186	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	3	45	15	33.33	0.00	0.00	0.00	0	0.00	0	234369	65237.40	0.00	0	31.10	46	11.00	18
7187	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
7188	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
7189	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7190	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7191	2012	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
7192	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
7193	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
7194	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NCCS																		
7195	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 10																		
7196	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 11																		
7197	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 12																		
7198	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 13																		
7199	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 2																		
7200	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7201	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 5																		
7202	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 6																		
7203	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 7																		
7204	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 8																		
7205	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 9																		
7206	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7207	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	4	6	4	66.67	0.00	0.00	0.77	6	100.00	0	37358	3778.40	2.00	20	37.60	40	27.10	30
7208	2012	SNE/MA Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
7209	2012	SNE/MA Winter Flounder	Handline	Fixed Gear Sector	3	80	80	100.00	0.00	0.00	0.00	0	0.00	0	9149	3871.50	0.00	0	5.00	9	15.30	81
7210	2012	SNE/MA Winter Flounder	Handline	Maine Coast Community Sector																		
7211	2012	SNE/MA Winter Flounder	Handline	NCCS																		
7212	2012	SNE/MA Winter Flounder	Handline	NEFS 10																		
7213	2012	SNE/MA Winter Flounder	Handline	NEFS 11																		
7214	2012	SNE/MA Winter Flounder	Handline	NEFS 12																		
7215	2012	SNE/MA Winter Flounder	Handline	NEFS 13																		
7216	2012	SNE/MA Winter Flounder	Handline	NEFS 2																		
7217	2012	SNE/MA Winter Flounder	Handline	NEFS 3																		
7218	2012	SNE/MA Winter Flounder	Handline	NEFS 5																		
7219	2012	SNE/MA Winter Flounder	Handline	NEFS 6																		
7220	2012	SNE/MA Winter Flounder	Handline	NEFS 7																		
7221	2012	SNE/MA Winter Flounder	Handline	NEFS 8																		
7222	2012	SNE/MA Winter Flounder	Handline	NEFS 9																		
7223	2012	SNE/MA Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
7224	2012	SNE/MA Winter Flounder	Handline	Sustainable Harvest Sector 1																		
7225	2012	SNE/MA Winter Flounder	Handline	Tri-State Sector																		
7226	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector	17	866	196	22.63	0.00	0.00	0.16	69	7.97	0	2458358	521607.10	556.50	2623	275.50	871	74.60	198
7227	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
7228	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NCCS																		
7229	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 10																		
7230	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 11																		
7231	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 12																		
7232	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 13																		
7233	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 2																		
7234	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 3	7	47	1	2.13	0.00					0	110865	1796.10	0.00	0	47.40	75	2.50	3
7235	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 5																		
7236	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 6																		
7237	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 7																		
7238	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 8																		
7239	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 9																		
7240	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7241	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7242	2012	SNE/MA Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
7243	2012	SNE/MA Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
7244	2012	SNE/MA Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
7245	2012	SNE/MA Winter Flounder	Ruhle Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7246	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 10																		
7247	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 11																		
7248	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 12																		
7249	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 13																		
7250	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 2																		
7251	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 3																		
7252	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 5																		
7253	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 6																		
7254	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 7																		
7255	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 8																		
7256	2012	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 9																		
7257	2012	SNE/MA Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7258	2012	SNE/MA Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
7259	2012	SNE/MA Winter Flounder	Ruhle Trawl	Tri-State Sector																		
7260	2012	SNE/MA Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
7261	2012	SNE/MA Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
7262	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NCCS																		
7263	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 10																		
7264	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 11																		
7265	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 12																		
7266	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 13																		
7267	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 2																		
7268	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 3																		
7269	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 5																		
7270	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 6																		
7271	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 7																		
7272	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 8																		
7273	2012	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 9																		
7274	2012	SNE/MA Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
7275	2012	SNE/MA Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
7276	2012	SNE/MA Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
7277	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
7278	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
7279	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
7280	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
7281	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
7282	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
7283	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	49	402	64	15.92	0.02	0.00	0.23	39	9.70	330338	1966164	293547.40	6804.00	45573	527.30	702	71.80	97
7284	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 2																		
7285	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
7286	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	45	637	134	21.04	0.01	0.00	0.15	40	6.28	328070	4767861	1097304.70	8738.00	37967	563.20	857	126.60	188
7287	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 6																		
7288	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	5	42	10	23.81	0.01	0.00	0.51	20	47.62	52870	357132	62361.10	650.00	3722	99.20	122	31.40	34
7289	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	4	9	0	0.00						16407	90620	0.00	0.00		61.50	65	0.00	0
7290	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	17	55	13	23.64	0.00	0.00	0.89	41	74.55	76851	539890	74376.60	105.00	762	286.20	315	73.70	82

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7291	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7292	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	7	47	7	14.89	0.05	0.00	0.27	6	12.77	39000	107542	21617.20	986.00	4905	52.70	64	9.60	11
7293	2012	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
7294	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	9	31	9	29.03	0.00	0.00	0.90	25	80.65	0	154029	57990.70	2.00	5	29.40	45	12.40	17
7295	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7296	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
7297	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
7298	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
7299	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
7300	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
7301	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
7302	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	4	6	3	50.00	0.00	0.00	0.00	0	0.00	0	20547	13988.50	0.00	0	6.40	10	3.20	4
7303	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
7304	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
7305	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	3	45	15	33.33	0.00	0.00	0.61	31	68.89	0	234369	65237.40	5.00	18	31.10	46	11.00	18
7306	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
7307	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
7308	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7309	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7310	2012	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
7311	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
7312	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
7313	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
7314	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
7315	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
7316	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
7317	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
7318	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
7319	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
7320	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
7321	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
7322	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
7323	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
7324	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
7325	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7326	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
7327	2012	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
7328	2012	SNE/MA Yellowtail Flounder	Handline	Fixed Gear Sector																		
7329	2012	SNE/MA Yellowtail Flounder	Handline	Maine Coast Community Sector																		
7330	2012	SNE/MA Yellowtail Flounder	Handline	NCCS																		
7331	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 10																		
7332	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 11																		
7333	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 12																		
7334	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 13																		
7335	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7336	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 3																		
7337	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 5																		
7338	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 6																		
7339	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 7																		
7340	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 8																		
7341	2012	SNE/MA Yellowtail Flounder	Handline	NEFS 9																		
7342	2012	SNE/MA Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
7343	2012	SNE/MA Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
7344	2012	SNE/MA Yellowtail Flounder	Handline	Tri-State Sector																		
7345	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
7346	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
7347	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
7348	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
7349	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
7350	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
7351	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
7352	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
7353	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	3	35	3	8.57	0.00	0.00	0.85	16	45.71	98	59586	6927.50	0.51	4	13.50	35	1.70	3
7354	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
7355	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
7356	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
7357	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
7358	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
7359	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7360	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7361	2012	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
7362	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
7363	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
7364	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NCCS																		
7365	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
7366	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
7367	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
7368	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
7369	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
7370	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
7371	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
7372	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
7373	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
7374	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
7375	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
7376	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7377	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
7378	2012	SNE/MA Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
7379	2012	Southern Windowpane	Bottom Longline	Fixed Gear Sector																		
7380	2012	Southern Windowpane	Bottom Longline	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7381	2012	Southern Windowpane	Bottom Longline	NCCS																		
7382	2012	Southern Windowpane	Bottom Longline	NEFS 10																		
7383	2012	Southern Windowpane	Bottom Longline	NEFS 11																		
7384	2012	Southern Windowpane	Bottom Longline	NEFS 12																		
7385	2012	Southern Windowpane	Bottom Longline	NEFS 13																		
7386	2012	Southern Windowpane	Bottom Longline	NEFS 2																		
7387	2012	Southern Windowpane	Bottom Longline	NEFS 3																		
7388	2012	Southern Windowpane	Bottom Longline	NEFS 5																		
7389	2012	Southern Windowpane	Bottom Longline	NEFS 6																		
7390	2012	Southern Windowpane	Bottom Longline	NEFS 7																		
7391	2012	Southern Windowpane	Bottom Longline	NEFS 8																		
7392	2012	Southern Windowpane	Bottom Longline	NEFS 9																		
7393	2012	Southern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
7394	2012	Southern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
7395	2012	Southern Windowpane	Bottom Longline	Tri-State Sector																		
7396	2012	Southern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
7397	2012	Southern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
7398	2012	Southern Windowpane	Bottom Otter Trawl	NCCS																		
7399	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 10																		
7400	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 11																		
7401	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 12																		
7402	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 13	49	402	64	15.92	0.05	0.00	0.20	31	7.71	0	1966164	293547.40	14339.00	96042	527.30	702	71.80	97
7403	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 2																		
7404	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 3																		
7405	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 5	45	637	134	21.04	0.02	0.00	0.11	23	3.61	0	4767861	1097304.70	21803.00	94735	563.20	857	126.60	188
7406	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 6																		
7407	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 7	5	42	10	23.81	0.03	0.00	0.54	21	50.00	0	357132	62361.10	2082.00	11923	99.20	122	31.40	34
7408	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 8	4	9	0	0.00						0	90620	0.00	0.00		61.50	65	0.00	0
7409	2012	Southern Windowpane	Bottom Otter Trawl	NEFS 9	17	55	13	23.64	0.00	0.00	0.49	26	47.27	0	539890	74376.60	321.00	2330	286.20	315	73.70	82
7410	2012	Southern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7411	2012	Southern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	7	47	7	14.89	0.07	0.00	0.34	9	19.15	0	107542	21617.20	1516.00	7542	52.70	64	9.60	11
7412	2012	Southern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
7413	2012	Southern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	9	31	9	29.03	0.00	0.00	0.00	0	0.00	0	154029	57990.70	0.00	0	29.40	45	12.40	17
7414	2012	Southern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7415	2012	Southern Windowpane	Extra Large Mesh Gillnet	NCCS																		
7416	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 10																		
7417	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 11																		
7418	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
7419	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
7420	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
7421	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 3	4	6	3	50.00	0.00	0.00	0.00	0	0.00	0	20547	13988.50	0.00	0	6.40	10	3.20	4
7422	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
7423	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
7424	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 7	3	45	15	33.33	0.00	0.00	0.00	0	0.00	0	234369	65237.40	0.00	0	31.10	46	11.00	18
7425	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7426	2012	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
7427	2012	Southern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7428	2012	Southern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7429	2012	Southern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
7430	2012	Southern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
7431	2012	Southern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
7432	2012	Southern Windowpane	Haddock Otter Trawl	NCCS																		
7433	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 10																		
7434	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 11																		
7435	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 12																		
7436	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 13																		
7437	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 2																		
7438	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 3																		
7439	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 5																		
7440	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 6																		
7441	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 7																		
7442	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 8																		
7443	2012	Southern Windowpane	Haddock Otter Trawl	NEFS 9																		
7444	2012	Southern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7445	2012	Southern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
7446	2012	Southern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
7447	2012	Southern Windowpane	Handline	Fixed Gear Sector																		
7448	2012	Southern Windowpane	Handline	Maine Coast Community Sector																		
7449	2012	Southern Windowpane	Handline	NCCS																		
7450	2012	Southern Windowpane	Handline	NEFS 10																		
7451	2012	Southern Windowpane	Handline	NEFS 11																		
7452	2012	Southern Windowpane	Handline	NEFS 12																		
7453	2012	Southern Windowpane	Handline	NEFS 13																		
7454	2012	Southern Windowpane	Handline	NEFS 2																		
7455	2012	Southern Windowpane	Handline	NEFS 3																		
7456	2012	Southern Windowpane	Handline	NEFS 5																		
7457	2012	Southern Windowpane	Handline	NEFS 6																		
7458	2012	Southern Windowpane	Handline	NEFS 7																		
7459	2012	Southern Windowpane	Handline	NEFS 8																		
7460	2012	Southern Windowpane	Handline	NEFS 9																		
7461	2012	Southern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
7462	2012	Southern Windowpane	Handline	Sustainable Harvest Sector 1																		
7463	2012	Southern Windowpane	Handline	Tri-State Sector																		
7464	2012	Southern Windowpane	Large Mesh Gillnet	Fixed Gear Sector																		
7465	2012	Southern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
7466	2012	Southern Windowpane	Large Mesh Gillnet	NCCS																		
7467	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 10																		
7468	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 11																		
7469	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 12																		
7470	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7471	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 2																		
7472	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 3	3	35	3	8.57	0.00	0.00	0.00	0	0.00	0	59586	6927.50	0.00	0	13.50	35	1.70	3
7473	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 5																		
7474	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 6																		
7475	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 7																		
7476	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 8																		
7477	2012	Southern Windowpane	Large Mesh Gillnet	NEFS 9																		
7478	2012	Southern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7479	2012	Southern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7480	2012	Southern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
7481	2012	Southern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
7482	2012	Southern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
7483	2012	Southern Windowpane	Ruhle Trawl	NCCS																		
7484	2012	Southern Windowpane	Ruhle Trawl	NEFS 10																		
7485	2012	Southern Windowpane	Ruhle Trawl	NEFS 11																		
7486	2012	Southern Windowpane	Ruhle Trawl	NEFS 12																		
7487	2012	Southern Windowpane	Ruhle Trawl	NEFS 13																		
7488	2012	Southern Windowpane	Ruhle Trawl	NEFS 2																		
7489	2012	Southern Windowpane	Ruhle Trawl	NEFS 3																		
7490	2012	Southern Windowpane	Ruhle Trawl	NEFS 5																		
7491	2012	Southern Windowpane	Ruhle Trawl	NEFS 6																		
7492	2012	Southern Windowpane	Ruhle Trawl	NEFS 7																		
7493	2012	Southern Windowpane	Ruhle Trawl	NEFS 8																		
7494	2012	Southern Windowpane	Ruhle Trawl	NEFS 9																		
7495	2012	Southern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7496	2012	Southern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
7497	2012	Southern Windowpane	Ruhle Trawl	Tri-State Sector																		
7498	2012	White Hake	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.00	0	0.00	357	1282876	348693.10	0.00	0	94.60	469	22.40	114
7499	2012	White Hake	Bottom Longline	Maine Coast Community Sector																		
7500	2012	White Hake	Bottom Longline	NCCS																		
7501	2012	White Hake	Bottom Longline	NEFS 10																		
7502	2012	White Hake	Bottom Longline	NEFS 11																		
7503	2012	White Hake	Bottom Longline	NEFS 12																		
7504	2012	White Hake	Bottom Longline	NEFS 13																		
7505	2012	White Hake	Bottom Longline	NEFS 2																		
7506	2012	White Hake	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.54	140	48.44	1091	239396	60069.00	4.00	16	120.30	289	28.40	65
7507	2012	White Hake	Bottom Longline	NEFS 5																		
7508	2012	White Hake	Bottom Longline	NEFS 6																		
7509	2012	White Hake	Bottom Longline	NEFS 7																		
7510	2012	White Hake	Bottom Longline	NEFS 8																		
7511	2012	White Hake	Bottom Longline	NEFS 9																		
7512	2012	White Hake	Bottom Longline	Port Clyde Community Groundfish Sector																		
7513	2012	White Hake	Bottom Longline	Sustainable Harvest Sector 1																		
7514	2012	White Hake	Bottom Longline	Tri-State Sector																		
7515	2012	White Hake	Bottom Otter Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7516	2012	White Hake	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.40	50	35.71	58333	456434	114711.00	38.00	151	278.60	341	62.80	77
7517	2012	White Hake	Bottom Otter Trawl	NCCS																		
7518	2012	White Hake	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.69	373	63.65	14429	1231861	270371.30	19.00	87	283.00	601	71.70	151
7519	2012	White Hake	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.00	0	0.00	1075	212781	31661.10	0.00	0	98.80	200	23.90	44
7520	2012	White Hake	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.00	0	0.00	535	171583	36010.50	0.00	0	102.00	206	23.90	43
7521	2012	White Hake	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.63	275	42.77	264710	4890587	893746.40	595.00	3256	1335.20	1577	272.50	310
7522	2012	White Hake	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.35	619	27.21	573201	10707555	2306909.30	1303.00	6048	2218.20	3239	536.30	785
7523	2012	White Hake	Bottom Otter Trawl	NEFS 3																		
7524	2012	White Hake	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.89	456	69.72	1553	4913686	1123230.80	2.00	9	612.80	911	134.70	197
7525	2012	White Hake	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.52	59	29.50	264741	3459207	489970.20	10.00	71	630.90	689	124.90	136
7526	2012	White Hake	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.68	88	51.76	14200	2031409	396964.40	358.00	1832	571.10	636	150.90	163
7527	2012	White Hake	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.61	70	30.97	50532	2456378	456510.90	452.00	2432	854.70	912	171.70	182
7528	2012	White Hake	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.43	166	22.31	341348	9782648	1716839.50	3039.00	17316	2523.30	2729	604.10	655
7529	2012	White Hake	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7530	2012	White Hake	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.41	396	22.55	2463030	21582203	4027628.40	268.00	1436	4790.90	5335	1089.20	1203
7531	2012	White Hake	Bottom Otter Trawl	Tri-State Sector																		
7532	2012	White Hake	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.42	300	31.91	1162	5685200	990365.20	139.00	798	282.70	954	67.60	191
7533	2012	White Hake	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7534	2012	White Hake	Extra Large Mesh Gillnet	NCCS																		
7535	2012	White Hake	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	8	49189	9118.90	0.00	0	27.30	48	6.90	15
7536	2012	White Hake	Extra Large Mesh Gillnet	NEFS 11																		
7537	2012	White Hake	Extra Large Mesh Gillnet	NEFS 12																		
7538	2012	White Hake	Extra Large Mesh Gillnet	NEFS 13																		
7539	2012	White Hake	Extra Large Mesh Gillnet	NEFS 2																		
7540	2012	White Hake	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.28	52	31.90	12874	322735	64210.80	136.00	684	136.70	231	36.10	66
7541	2012	White Hake	Extra Large Mesh Gillnet	NEFS 5																		
7542	2012	White Hake	Extra Large Mesh Gillnet	NEFS 6																		
7543	2012	White Hake	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
7544	2012	White Hake	Extra Large Mesh Gillnet	NEFS 8																		
7545	2012	White Hake	Extra Large Mesh Gillnet	NEFS 9																		
7546	2012	White Hake	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7547	2012	White Hake	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7548	2012	White Hake	Extra Large Mesh Gillnet	Tri-State Sector																		
7549	2012	White Hake	Haddock Otter Trawl	Fixed Gear Sector																		
7550	2012	White Hake	Haddock Otter Trawl	Maine Coast Community Sector																		
7551	2012	White Hake	Haddock Otter Trawl	NCCS																		
7552	2012	White Hake	Haddock Otter Trawl	NEFS 10																		
7553	2012	White Hake	Haddock Otter Trawl	NEFS 11																		
7554	2012	White Hake	Haddock Otter Trawl	NEFS 12																		
7555	2012	White Hake	Haddock Otter Trawl	NEFS 13																		
7556	2012	White Hake	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.00	0	0.00	3343	112137	16729.60	0.00	0	39.40	42	29.40	31
7557	2012	White Hake	Haddock Otter Trawl	NEFS 3																		
7558	2012	White Hake	Haddock Otter Trawl	NEFS 5																		
7559	2012	White Hake	Haddock Otter Trawl	NEFS 6																		
7560	2012	White Hake	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7561	2012	White Hake	Haddock Otter Trawl	NEFS 8																		
7562	2012	White Hake	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						93	14144	0.00	0.00		16.10	18	0.00	0
7563	2012	White Hake	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7564	2012	White Hake	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.00	0	0.00	24394	695294	111610.70	0.00	0	437.20	459	92.50	99
7565	2012	White Hake	Haddock Otter Trawl	Tri-State Sector																		
7566	2012	White Hake	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	25	9149	4116.20	0.00	0	5.00	9	18.20	85
7567	2012	White Hake	Handline	Maine Coast Community Sector																		
7568	2012	White Hake	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	4	3312	738.20	0.00	0	6.40	12	1.10	2
7569	2012	White Hake	Handline	NEFS 10																		
7570	2012	White Hake	Handline	NEFS 11																		
7571	2012	White Hake	Handline	NEFS 12																		
7572	2012	White Hake	Handline	NEFS 13																		
7573	2012	White Hake	Handline	NEFS 2																		
7574	2012	White Hake	Handline	NEFS 3																		
7575	2012	White Hake	Handline	NEFS 5																		
7576	2012	White Hake	Handline	NEFS 6																		
7577	2012	White Hake	Handline	NEFS 7																		
7578	2012	White Hake	Handline	NEFS 8																		
7579	2012	White Hake	Handline	NEFS 9																		
7580	2012	White Hake	Handline	Port Clyde Community Groundfish Sector																		
7581	2012	White Hake	Handline	Sustainable Harvest Sector 1																		
7582	2012	White Hake	Handline	Tri-State Sector																		
7583	2012	White Hake	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.19	89	10.21	66507	2465436	522769.10	507.00	2391	278.30	878	75.30	200
7584	2012	White Hake	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.01	0.00	0.17	39	7.91	393868	1613491	318265.90	2989.00	15153	461.30	729	85.20	137
7585	2012	White Hake	Large Mesh Gillnet	NCCS																		
7586	2012	White Hake	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.66	329	59.60	42301	1490817	306718.10	52.00	253	336.30	679	48.50	133
7587	2012	White Hake	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.41	462	35.98	160514	3513212	809171.50	918.00	3986	521.30	1311	136.60	307
7588	2012	White Hake	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.01	0.00	0.36	13	15.66	98010	762756	81873.80	764.00	7118	341.30	376	42.20	44
7589	2012	White Hake	Large Mesh Gillnet	NEFS 13																		
7590	2012	White Hake	Large Mesh Gillnet	NEFS 2																		
7591	2012	White Hake	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.19	155	10.77	247606	3033206	632798.40	577.00	2766	643.30	1540	140.20	336
7592	2012	White Hake	Large Mesh Gillnet	NEFS 5																		
7593	2012	White Hake	Large Mesh Gillnet	NEFS 6																		
7594	2012	White Hake	Large Mesh Gillnet	NEFS 7																		
7595	2012	White Hake	Large Mesh Gillnet	NEFS 8																		
7596	2012	White Hake	Large Mesh Gillnet	NEFS 9																		
7597	2012	White Hake	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7598	2012	White Hake	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.01	0.00	0.28	19	16.38	214550	846708	194743.20	1555.00	6761	375.20	437	79.50	90
7599	2012	White Hake	Large Mesh Gillnet	Tri-State Sector																		
7600	2012	White Hake	Ruhle Trawl	Fixed Gear Sector																		
7601	2012	White Hake	Ruhle Trawl	Maine Coast Community Sector																		
7602	2012	White Hake	Ruhle Trawl	NCCS																		
7603	2012	White Hake	Ruhle Trawl	NEFS 10																		
7604	2012	White Hake	Ruhle Trawl	NEFS 11																		
7605	2012	White Hake	Ruhle Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7606	2012	White Hake	Ruhle Trawl	NEFS 13	5	10	0	0.00						5	18740	0.00	0.00		40.50	43	0.00	0
7607	2012	White Hake	Ruhle Trawl	NEFS 2																		
7608	2012	White Hake	Ruhle Trawl	NEFS 3																		
7609	2012	White Hake	Ruhle Trawl	NEFS 5																		
7610	2012	White Hake	Ruhle Trawl	NEFS 6																		
7611	2012	White Hake	Ruhle Trawl	NEFS 7																		
7612	2012	White Hake	Ruhle Trawl	NEFS 8																		
7613	2012	White Hake	Ruhle Trawl	NEFS 9																		
7614	2012	White Hake	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7615	2012	White Hake	Ruhle Trawl	Sustainable Harvest Sector 1																		
7616	2012	White Hake	Ruhle Trawl	Tri-State Sector																		
7617	2012	Witch Flounder	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.00	0	0.00	0	1282876	348693.10	0.00	0	94.60	469	22.40	114
7618	2012	Witch Flounder	Bottom Longline	Maine Coast Community Sector																		
7619	2012	Witch Flounder	Bottom Longline	NCCS																		
7620	2012	Witch Flounder	Bottom Longline	NEFS 10																		
7621	2012	Witch Flounder	Bottom Longline	NEFS 11																		
7622	2012	Witch Flounder	Bottom Longline	NEFS 12																		
7623	2012	Witch Flounder	Bottom Longline	NEFS 13																		
7624	2012	Witch Flounder	Bottom Longline	NEFS 2																		
7625	2012	Witch Flounder	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.00	0	0.00	0	239396	60069.00	0.00	0	120.30	289	28.40	65
7626	2012	Witch Flounder	Bottom Longline	NEFS 5																		
7627	2012	Witch Flounder	Bottom Longline	NEFS 6																		
7628	2012	Witch Flounder	Bottom Longline	NEFS 7																		
7629	2012	Witch Flounder	Bottom Longline	NEFS 8																		
7630	2012	Witch Flounder	Bottom Longline	NEFS 9																		
7631	2012	Witch Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
7632	2012	Witch Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
7633	2012	Witch Flounder	Bottom Longline	Tri-State Sector																		
7634	2012	Witch Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
7635	2012	Witch Flounder	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.01	0.00	0.22	20	14.29	54536	456434	114711.00	1390.00	5531	278.60	341	62.80	77
7636	2012	Witch Flounder	Bottom Otter Trawl	NCCS																		
7637	2012	Witch Flounder	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.20	73	12.46	106349	1231861	270371.30	252.00	1148	283.00	601	71.70	151
7638	2012	Witch Flounder	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.20	21	10.99	21048	212781	31661.10	66.00	444	98.80	200	23.90	44
7639	2012	Witch Flounder	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.20	22	11.11	13145	171583	36010.50	139.00	662	102.00	206	23.90	43
7640	2012	Witch Flounder	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.18	36	5.60	84871	4890587	893746.40	1283.00	7021	1335.20	1577	272.50	310
7641	2012	Witch Flounder	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.11	89	3.91	387921	10703638	2306909.30	3382.00	15692	2218.20	3239	536.30	785
7642	2012	Witch Flounder	Bottom Otter Trawl	NEFS 3																		
7643	2012	Witch Flounder	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.29	129	19.72	11078	4913686	1123230.80	241.00	1054	612.80	911	134.70	197
7644	2012	Witch Flounder	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.26	19	9.50	223950	3459207	489970.20	494.00	3488	630.90	689	124.90	136
7645	2012	Witch Flounder	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.26	23	13.53	69411	2031409	396964.40	775.00	3966	571.10	636	150.90	163
7646	2012	Witch Flounder	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.28	21	9.29	50914	2456378	456510.90	848.00	4563	854.70	912	171.70	182
7647	2012	Witch Flounder	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.30	94	12.63	241320	9782648	1716839.50	5117.00	29157	2523.30	2729	604.10	655
7648	2012	Witch Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7649	2012	Witch Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.12	42	2.39	722200	21570361	4027628.40	12824.00	68680	4790.90	5335	1089.20	1203
7650	2012	Witch Flounder	Bottom Otter Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7651	2012	Witch Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.00	0	0.00	8	5685200	990365.20	0.00	0	282.70	954	67.60	191
7652	2012	Witch Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7653	2012	Witch Flounder	Extra Large Mesh Gillnet	NCCS																		
7654	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	0	49189	9118.90	0.00	0	27.30	48	6.90	15
7655	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 11																		
7656	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 12																		
7657	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 13																		
7658	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 2																		
7659	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.78	127	77.91	1425	322735	64210.80	2.00	10	136.70	231	36.10	66
7660	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 5																		
7661	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 6																		
7662	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
7663	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 8																		
7664	2012	Witch Flounder	Extra Large Mesh Gillnet	NEFS 9																		
7665	2012	Witch Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7666	2012	Witch Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7667	2012	Witch Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
7668	2012	Witch Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
7669	2012	Witch Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
7670	2012	Witch Flounder	Haddock Otter Trawl	NCCS																		
7671	2012	Witch Flounder	Haddock Otter Trawl	NEFS 10																		
7672	2012	Witch Flounder	Haddock Otter Trawl	NEFS 11																		
7673	2012	Witch Flounder	Haddock Otter Trawl	NEFS 12																		
7674	2012	Witch Flounder	Haddock Otter Trawl	NEFS 13																		
7675	2012	Witch Flounder	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.59	8	80.00	232	110968	16729.60	14.00	93	39.40	42	29.40	31
7676	2012	Witch Flounder	Haddock Otter Trawl	NEFS 3																		
7677	2012	Witch Flounder	Haddock Otter Trawl	NEFS 5																		
7678	2012	Witch Flounder	Haddock Otter Trawl	NEFS 6																		
7679	2012	Witch Flounder	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
7680	2012	Witch Flounder	Haddock Otter Trawl	NEFS 8																		
7681	2012	Witch Flounder	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
7682	2012	Witch Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7683	2012	Witch Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.27	10	14.29	7161	684020	111610.70	50.00	306	437.20	459	92.50	99
7684	2012	Witch Flounder	Haddock Otter Trawl	Tri-State Sector																		
7685	2012	Witch Flounder	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
7686	2012	Witch Flounder	Handline	Maine Coast Community Sector																		
7687	2012	Witch Flounder	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
7688	2012	Witch Flounder	Handline	NEFS 10																		
7689	2012	Witch Flounder	Handline	NEFS 11																		
7690	2012	Witch Flounder	Handline	NEFS 12																		
7691	2012	Witch Flounder	Handline	NEFS 13																		
7692	2012	Witch Flounder	Handline	NEFS 2																		
7693	2012	Witch Flounder	Handline	NEFS 3																		
7694	2012	Witch Flounder	Handline	NEFS 5																		
7695	2012	Witch Flounder	Handline	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7696	2012	Witch Flounder	Handline	NEFS 7																		
7697	2012	Witch Flounder	Handline	NEFS 8																		
7698	2012	Witch Flounder	Handline	NEFS 9																		
7699	2012	Witch Flounder	Handline	Port Clyde Community Groundfish Sector																		
7700	2012	Witch Flounder	Handline	Sustainable Harvest Sector 1																		
7701	2012	Witch Flounder	Handline	Tri-State Sector																		
7702	2012	Witch Flounder	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.88	624	71.56	273	2465436	522769.10	1.00	5	278.30	878	75.30	200
7703	2012	Witch Flounder	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.23	64	12.98	2411	1613491	318265.90	16.00	81	461.30	729	85.20	137
7704	2012	Witch Flounder	Large Mesh Gillnet	NCCS																		
7705	2012	Witch Flounder	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.35	163	29.53	2745	1490817	306718.10	9.00	44	336.30	679	48.50	133
7706	2012	Witch Flounder	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.15	96	7.48	1917	3513212	809171.50	51.00	221	521.30	1311	136.60	307
7707	2012	Witch Flounder	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.41	16	19.28	111	762756	81873.80	3.00	28	341.30	376	42.20	44
7708	2012	Witch Flounder	Large Mesh Gillnet	NEFS 13																		
7709	2012	Witch Flounder	Large Mesh Gillnet	NEFS 2																		
7710	2012	Witch Flounder	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.21	184	12.79	5171	3033206	632798.40	29.00	139	643.30	1540	140.20	336
7711	2012	Witch Flounder	Large Mesh Gillnet	NEFS 5																		
7712	2012	Witch Flounder	Large Mesh Gillnet	NEFS 6																		
7713	2012	Witch Flounder	Large Mesh Gillnet	NEFS 7																		
7714	2012	Witch Flounder	Large Mesh Gillnet	NEFS 8																		
7715	2012	Witch Flounder	Large Mesh Gillnet	NEFS 9																		
7716	2012	Witch Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7717	2012	Witch Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.45	38	32.76	322	846708	194743.20	6.00	26	375.20	437	79.50	90
7718	2012	Witch Flounder	Large Mesh Gillnet	Tri-State Sector																		
7719	2012	Witch Flounder	Ruhle Trawl	Fixed Gear Sector																		
7720	2012	Witch Flounder	Ruhle Trawl	Maine Coast Community Sector																		
7721	2012	Witch Flounder	Ruhle Trawl	NCCS																		
7722	2012	Witch Flounder	Ruhle Trawl	NEFS 10																		
7723	2012	Witch Flounder	Ruhle Trawl	NEFS 11																		
7724	2012	Witch Flounder	Ruhle Trawl	NEFS 12																		
7725	2012	Witch Flounder	Ruhle Trawl	NEFS 13	5	10	0	0.00						16	18740	0.00	0.00		40.50	43	0.00	0
7726	2012	Witch Flounder	Ruhle Trawl	NEFS 2																		
7727	2012	Witch Flounder	Ruhle Trawl	NEFS 3																		
7728	2012	Witch Flounder	Ruhle Trawl	NEFS 5																		
7729	2012	Witch Flounder	Ruhle Trawl	NEFS 6																		
7730	2012	Witch Flounder	Ruhle Trawl	NEFS 7																		
7731	2012	Witch Flounder	Ruhle Trawl	NEFS 8																		
7732	2012	Witch Flounder	Ruhle Trawl	NEFS 9																		
7733	2012	Witch Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7734	2012	Witch Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
7735	2012	Witch Flounder	Ruhle Trawl	Tri-State Sector																		
7736	2012	Wolffish	Bottom Longline	Fixed Gear Sector	20	462	113	24.46	0.00	0.00	0.61	266	57.58	0	1282876	348693.10	27.00	99	94.60	469	22.40	114
7737	2012	Wolffish	Bottom Longline	Maine Coast Community Sector																		
7738	2012	Wolffish	Bottom Longline	NCCS																		
7739	2012	Wolffish	Bottom Longline	NEFS 10																		
7740	2012	Wolffish	Bottom Longline	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7741	2012	Wolffish	Bottom Longline	NEFS 12																		
7742	2012	Wolffish	Bottom Longline	NEFS 13																		
7743	2012	Wolffish	Bottom Longline	NEFS 2																		
7744	2012	Wolffish	Bottom Longline	NEFS 3	9	289	65	22.49	0.00	0.00	0.23	44	15.22	0	239396	60069.00	267.00	1064	120.30	289	28.40	65
7745	2012	Wolffish	Bottom Longline	NEFS 5																		
7746	2012	Wolffish	Bottom Longline	NEFS 6																		
7747	2012	Wolffish	Bottom Longline	NEFS 7																		
7748	2012	Wolffish	Bottom Longline	NEFS 8																		
7749	2012	Wolffish	Bottom Longline	NEFS 9																		
7750	2012	Wolffish	Bottom Longline	Port Clyde Community Groundfish Sector																		
7751	2012	Wolffish	Bottom Longline	Sustainable Harvest Sector 1																		
7752	2012	Wolffish	Bottom Longline	Tri-State Sector																		
7753	2012	Wolffish	Bottom Otter Trawl	Fixed Gear Sector																		
7754	2012	Wolffish	Bottom Otter Trawl	Maine Coast Community Sector	15	140	32	22.86	0.00	0.00	0.46	58	41.43	0	456434	114711.00	103.00	410	278.60	341	62.80	77
7755	2012	Wolffish	Bottom Otter Trawl	NCCS																		
7756	2012	Wolffish	Bottom Otter Trawl	NEFS 10	16	586	145	24.74	0.00	0.00	0.19	71	12.12	0	1231861	270371.30	809.00	3686	283.00	601	71.70	151
7757	2012	Wolffish	Bottom Otter Trawl	NEFS 11	9	191	40	20.94	0.00	0.00	0.47	75	39.27	0	212781	31661.10	77.00	517	98.80	200	23.90	44
7758	2012	Wolffish	Bottom Otter Trawl	NEFS 12	5	198	43	21.72	0.00	0.00	0.60	105	53.03	0	171583	36010.50	45.00	214	102.00	206	23.90	43
7759	2012	Wolffish	Bottom Otter Trawl	NEFS 13	91	643	92	14.31	0.00	0.00	0.36	127	19.75	0	4890587	893746.40	240.00	1313	1335.20	1577	272.50	310
7760	2012	Wolffish	Bottom Otter Trawl	NEFS 2	103	2275	491	21.58	0.00	0.00	0.14	122	5.36	0	10676474	2306909.30	3646.00	16874	2218.20	3239	536.30	785
7761	2012	Wolffish	Bottom Otter Trawl	NEFS 3																		
7762	2012	Wolffish	Bottom Otter Trawl	NEFS 5	57	654	135	20.64	0.00	0.00	0.00	0	0.00	0	4913686	1123230.80	0.00	0	612.80	911	134.70	197
7763	2012	Wolffish	Bottom Otter Trawl	NEFS 6	16	200	24	12.00	0.00	0.00	0.59	69	34.50	0	3459207	489970.20	262.00	1850	630.90	689	124.90	136
7764	2012	Wolffish	Bottom Otter Trawl	NEFS 7	18	170	29	17.06	0.00	0.00	0.29	28	16.47	0	2031409	396964.40	95.00	486	571.10	636	150.90	163
7765	2012	Wolffish	Bottom Otter Trawl	NEFS 8	33	226	22	9.73	0.00	0.00	0.38	35	15.49	0	2456378	456510.90	358.00	1926	854.70	912	171.70	182
7766	2012	Wolffish	Bottom Otter Trawl	NEFS 9	127	744	91	12.23	0.00	0.00	0.26	72	9.68	0	9782648	1716839.50	731.00	4165	2523.30	2729	604.10	655
7767	2012	Wolffish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7768	2012	Wolffish	Bottom Otter Trawl	Sustainable Harvest Sector 1	176	1756	232	13.21	0.00	0.00	0.19	106	6.04	0	21569536	4027628.40	4117.00	22048	4790.90	5335	1089.20	1203
7769	2012	Wolffish	Bottom Otter Trawl	Tri-State Sector																		
7770	2012	Wolffish	Extra Large Mesh Gillnet	Fixed Gear Sector	24	940	183	19.47	0.00	0.00	0.00	0	0.00	0	5685200	990365.20	0.00	0	282.70	954	67.60	191
7771	2012	Wolffish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7772	2012	Wolffish	Extra Large Mesh Gillnet	NCCS																		
7773	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 10	6	39	15	38.46	0.00	0.00	0.00	0	0.00	0	49189	9118.90	0.00	0	27.30	48	6.90	15
7774	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 11																		
7775	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 12																		
7776	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 13																		
7777	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 2																		
7778	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 3	20	163	55	33.74	0.00	0.00	0.84	131	80.37	0	322735	64210.80	10.00	50	136.70	231	36.10	66
7779	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 5																		
7780	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 6																		
7781	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 7	4	55	15	27.27	0.00	0.00	0.00	0	0.00	0	264937	65237.40	0.00	0	77.00	96	11.00	18
7782	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 8																		
7783	2012	Wolffish	Extra Large Mesh Gillnet	NEFS 9																		
7784	2012	Wolffish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7785	2012	Wolffish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7786	2012	Wolffish	Extra Large Mesh Gillnet	Tri-State Sector																		
7787	2012	Wolffish	Haddock Otter Trawl	Fixed Gear Sector																		
7788	2012	Wolffish	Haddock Otter Trawl	Maine Coast Community Sector																		
7789	2012	Wolffish	Haddock Otter Trawl	NCCS																		
7790	2012	Wolffish	Haddock Otter Trawl	NEFS 10																		
7791	2012	Wolffish	Haddock Otter Trawl	NEFS 11																		
7792	2012	Wolffish	Haddock Otter Trawl	NEFS 12																		
7793	2012	Wolffish	Haddock Otter Trawl	NEFS 13																		
7794	2012	Wolffish	Haddock Otter Trawl	NEFS 2	6	10	4	40.00	0.00	0.00	0.00	0	0.00	0	78116	16729.60	0.00	0	39.40	42	29.40	31
7795	2012	Wolffish	Haddock Otter Trawl	NEFS 3																		
7796	2012	Wolffish	Haddock Otter Trawl	NEFS 5																		
7797	2012	Wolffish	Haddock Otter Trawl	NEFS 6																		
7798	2012	Wolffish	Haddock Otter Trawl	NEFS 7	3	8	0	0.00						0	26948	0.00	0.00		60.50	66	0.00	0
7799	2012	Wolffish	Haddock Otter Trawl	NEFS 8																		
7800	2012	Wolffish	Haddock Otter Trawl	NEFS 9	4	4	0	0.00						0	14144	0.00	0.00		16.10	18	0.00	0
7801	2012	Wolffish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
7802	2012	Wolffish	Haddock Otter Trawl	Sustainable Harvest Sector 1	28	70	11	15.71	0.00	0.00	0.00	0	0.00	0	681498	111610.70	0.00	0	437.20	459	92.50	99
7803	2012	Wolffish	Haddock Otter Trawl	Tri-State Sector																		
7804	2012	Wolffish	Handline	Fixed Gear Sector	3	83	83	100.00	0.00	0.00	0.00	0	0.00	0	9149	4116.20	0.00	0	5.00	9	18.20	85
7805	2012	Wolffish	Handline	Maine Coast Community Sector																		
7806	2012	Wolffish	Handline	NCCS	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	3312	738.20	0.00	0	6.40	12	1.10	2
7807	2012	Wolffish	Handline	NEFS 10																		
7808	2012	Wolffish	Handline	NEFS 11																		
7809	2012	Wolffish	Handline	NEFS 12																		
7810	2012	Wolffish	Handline	NEFS 13																		
7811	2012	Wolffish	Handline	NEFS 2																		
7812	2012	Wolffish	Handline	NEFS 3																		
7813	2012	Wolffish	Handline	NEFS 5																		
7814	2012	Wolffish	Handline	NEFS 6																		
7815	2012	Wolffish	Handline	NEFS 7																		
7816	2012	Wolffish	Handline	NEFS 8																		
7817	2012	Wolffish	Handline	NEFS 9																		
7818	2012	Wolffish	Handline	Port Clyde Community Groundfish Sector																		
7819	2012	Wolffish	Handline	Sustainable Harvest Sector 1																		
7820	2012	Wolffish	Handline	Tri-State Sector																		
7821	2012	Wolffish	Large Mesh Gillnet	Fixed Gear Sector	18	872	198	22.71	0.00	0.00	0.26	156	17.89	0	2465436	522769.10	367.00	1731	278.30	878	75.30	200
7822	2012	Wolffish	Large Mesh Gillnet	Maine Coast Community Sector	17	493	99	20.08	0.00	0.00	0.37	138	27.99	0	1613491	318265.90	68.00	345	461.30	729	85.20	137
7823	2012	Wolffish	Large Mesh Gillnet	NCCS																		
7824	2012	Wolffish	Large Mesh Gillnet	NEFS 10	12	552	127	23.01	0.00	0.00	0.33	149	26.99	0	1490817	306718.10	129.00	627	336.30	679	48.50	133
7825	2012	Wolffish	Large Mesh Gillnet	NEFS 11	17	1284	302	23.52	0.00	0.00	0.22	178	13.86	0	3513212	809171.50	191.00	829	521.30	1311	136.60	307
7826	2012	Wolffish	Large Mesh Gillnet	NEFS 12	10	83	9	10.84	0.00	0.00	0.00	0	0.00	0	762756	81873.80	0.00	0	341.30	376	42.20	44
7827	2012	Wolffish	Large Mesh Gillnet	NEFS 13																		
7828	2012	Wolffish	Large Mesh Gillnet	NEFS 2																		
7829	2012	Wolffish	Large Mesh Gillnet	NEFS 3	32	1439	327	22.72	0.00	0.00	0.19	149	10.35	0	3033206	632798.40	839.00	4022	643.30	1540	140.20	336
7830	2012	Wolffish	Large Mesh Gillnet	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7831	2012	Wolffish	Large Mesh Gillnet	NEFS 6																		
7832	2012	Wolffish	Large Mesh Gillnet	NEFS 7																		
7833	2012	Wolffish	Large Mesh Gillnet	NEFS 8																		
7834	2012	Wolffish	Large Mesh Gillnet	NEFS 9																		
7835	2012	Wolffish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7836	2012	Wolffish	Large Mesh Gillnet	Sustainable Harvest Sector 1	9	116	20	17.24	0.00	0.00	0.43	36	31.03	0	846708	194743.20	52.00	226	375.20	437	79.50	90
7837	2012	Wolffish	Large Mesh Gillnet	Tri-State Sector																		
7838	2012	Wolffish	Ruhle Trawl	Fixed Gear Sector																		
7839	2012	Wolffish	Ruhle Trawl	Maine Coast Community Sector																		
7840	2012	Wolffish	Ruhle Trawl	NCCS																		
7841	2012	Wolffish	Ruhle Trawl	NEFS 10																		
7842	2012	Wolffish	Ruhle Trawl	NEFS 11																		
7843	2012	Wolffish	Ruhle Trawl	NEFS 12																		
7844	2012	Wolffish	Ruhle Trawl	NEFS 13	5	10	0	0.00						0	18740	0.00	0.00		40.50	43	0.00	0
7845	2012	Wolffish	Ruhle Trawl	NEFS 2																		
7846	2012	Wolffish	Ruhle Trawl	NEFS 3																		
7847	2012	Wolffish	Ruhle Trawl	NEFS 5																		
7848	2012	Wolffish	Ruhle Trawl	NEFS 6																		
7849	2012	Wolffish	Ruhle Trawl	NEFS 7																		
7850	2012	Wolffish	Ruhle Trawl	NEFS 8																		
7851	2012	Wolffish	Ruhle Trawl	NEFS 9																		
7852	2012	Wolffish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7853	2012	Wolffish	Ruhle Trawl	Sustainable Harvest Sector 1																		
7854	2012	Wolffish	Ruhle Trawl	Tri-State Sector																		
7855	2013	CC/GOM Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	7	31	4	12.90	0.00	0.00	0.00	0	0.00	0	46391	11015.30	0.00	0	22.60	35	1.50	4
7856	2013	CC/GOM Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
7857	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NCCS																		
7858	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 10																		
7859	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 11																		
7860	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 12																		
7861	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 13																		
7862	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 2																		
7863	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	0	48210	11520.90	0.00	0	40.00	81	10.80	22
7864	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 5																		
7865	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 6																		
7866	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 7																		
7867	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 8																		
7868	2013	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 9																		
7869	2013	CC/GOM Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
7870	2013	CC/GOM Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
7871	2013	CC/GOM Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
7872	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
7873	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.00	0	0.00	32	194484	33030.80	0.00	0	112.30	142	20.40	29
7874	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
7875	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.02	0.00	0.19	23	8.58	122075	485892	80986.10	1347.00	8082	140.60	268	24.30	50

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7876	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.04	0.00	0.27	9	13.24	7983	45629	3275.40	115.00	1602	28.00	68	3.50	10
7877	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.01	0.00	0.18	9	8.57	8162	127875	39845.10	216.00	693	48.50	105	9.50	20
7878	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	3	12	5	41.67	0.00	0.00	0.23	4	33.33	6855	217561	66822.40	72.00	234	75.40	82	31.00	34
7879	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	70	1175	218	18.55	0.00	0.00	0.20	107	9.11	169281	6017569	1385939.80	2581.00	11206	1516.20	2050	369.10	483
7880	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.01	0.00	0.20	14	13.33	33206	125148	29879.40	281.00	1177	66.50	115	14.40	26
7881	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		
7882	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	18	187	28	14.97	0.00	0.00	0.60	78	41.71	47292	2830415	442389.20	103.00	659	606.10	651	144.50	160
7883	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	3	23	2	8.70	0.00	0.00	0.00	0	0.00	4292	45873	13584.60	0.00	0	152.30	165	7.50	9
7884	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	7	71	15	21.13	0.00	0.00	0.61	38	53.52	23152	719956	151036.40	286.00	1363	442.90	477	104.30	112
7885	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	43	319	66	20.69	0.00	0.00	0.52	141	44.20	56764	4030171	811856.60	258.00	1281	1576.60	1709	500.90	539
7886	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
7887	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	122	1307	198	15.15	0.00	0.00	0.25	143	10.94	94560	17300056	3258123.80	1424.00	7561	4381.60	4812	1046.70	1146
7888	2013	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
7889	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	13	888	178	20.05	0.00	0.00	0.00	0	0.00	4	5033158	914935.30	0.00	0	290.30	888	61.40	178
7890	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
7891	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
7892	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	161	28479	8328.30	0.00	0	12.90	23	4.10	7
7893	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	3	46	27	58.70	0.00	0.00	0.64	40	86.96	11	49640	16855.70	1.00	3	27.20	46	15.80	28
7894	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
7895	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
7896	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
7897	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	11	311	62	19.94	0.00	0.00	0.00	0	0.00	59	802989	77751.00	0.00	0	305.70	477	51.50	87
7898	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
7899	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
7900	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
7901	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
7902	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
7903	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7904	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
7905	2013	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
7906	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
7907	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
7908	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
7909	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
7910	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
7911	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
7912	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
7913	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
7914	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
7915	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
7916	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
7917	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
7918	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
7919	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
7920	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7921	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
7922	2013	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
7923	2013	CC/GOM Yellowtail Flounder	Handline	Fixed Gear Sector																		
7924	2013	CC/GOM Yellowtail Flounder	Handline	Maine Coast Community Sector																		
7925	2013	CC/GOM Yellowtail Flounder	Handline	NCCS																		
7926	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 10																		
7927	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 11																		
7928	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 12																		
7929	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 13																		
7930	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 2																		
7931	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 3																		
7932	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 5																		
7933	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 6																		
7934	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 7																		
7935	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 8																		
7936	2013	CC/GOM Yellowtail Flounder	Handline	NEFS 9																		
7937	2013	CC/GOM Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
7938	2013	CC/GOM Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
7939	2013	CC/GOM Yellowtail Flounder	Handline	Tri-State Sector																		
7940	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector	13	400	122	30.50	0.00	0.00	0.48	212	53.00	53	1353286	357024.30	3.00	11	179.80	429	45.30	122
7941	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.91	254	68.10	28	1191462	166868.60	1.00	7	420.80	614	52.00	87
7942	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
7943	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 10	7	310	63	20.32	0.00	0.00	0.18	28	9.03	67429	621525	119644.80	241.00	1252	209.10	365	33.70	68
7944	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 11	19	898	211	23.50	0.00	0.00	0.19	101	11.25	1824	2085137	509733.60	59.00	241	534.80	1018	129.60	243
7945	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.70	53	58.24	0	628742	129015.90	14.00	68	351.80	393	93.90	102
7946	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
7947	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
7948	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	23	608	150	24.67	0.00	0.00	0.22	93	15.30	130773	998323	240995.30	654.00	2709	414.80	755	92.30	178
7949	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
7950	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
7951	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 7	3	8	1	12.50	0.00					0	23557	1050.60	0.00	0	43.70	48	2.80	3
7952	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
7953	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
7954	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
7955	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	14	222	42	18.92	0.00	0.00	0.67	120	54.05	24	1078159	229651.70	3.00	14	585.60	687	107.20	129
7956	2013	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
7957	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
7958	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
7959	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NCCS																		
7960	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
7961	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
7962	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
7963	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
7964	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
7965	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
7966	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
7967	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
7968	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
7969	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
7970	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
7971	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
7972	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
7973	2013	CC/GOM Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
7974	2013	GB Cod East	Bottom Longline	Fixed Gear Sector																		
7975	2013	GB Cod East	Bottom Longline	Maine Coast Community Sector																		
7976	2013	GB Cod East	Bottom Longline	NCCS																		
7977	2013	GB Cod East	Bottom Longline	NEFS 10																		
7978	2013	GB Cod East	Bottom Longline	NEFS 11																		
7979	2013	GB Cod East	Bottom Longline	NEFS 12																		
7980	2013	GB Cod East	Bottom Longline	NEFS 13																		
7981	2013	GB Cod East	Bottom Longline	NEFS 2																		
7982	2013	GB Cod East	Bottom Longline	NEFS 3																		
7983	2013	GB Cod East	Bottom Longline	NEFS 5																		
7984	2013	GB Cod East	Bottom Longline	NEFS 6																		
7985	2013	GB Cod East	Bottom Longline	NEFS 7																		
7986	2013	GB Cod East	Bottom Longline	NEFS 8																		
7987	2013	GB Cod East	Bottom Longline	NEFS 9																		
7988	2013	GB Cod East	Bottom Longline	Port Clyde Community Groundfish Sector																		
7989	2013	GB Cod East	Bottom Longline	Sustainable Harvest Sector 1																		
7990	2013	GB Cod East	Bottom Longline	Tri-State Sector																		
7991	2013	GB Cod East	Bottom Otter Trawl	Fixed Gear Sector																		
7992	2013	GB Cod East	Bottom Otter Trawl	Maine Coast Community Sector																		
7993	2013	GB Cod East	Bottom Otter Trawl	NCCS																		
7994	2013	GB Cod East	Bottom Otter Trawl	NEFS 10																		
7995	2013	GB Cod East	Bottom Otter Trawl	NEFS 11																		
7996	2013	GB Cod East	Bottom Otter Trawl	NEFS 12																		
7997	2013	GB Cod East	Bottom Otter Trawl	NEFS 13	5	15	1	6.67	0.00					1318	103651	430.50	0.00	0	94.90	101	10.30	11
7998	2013	GB Cod East	Bottom Otter Trawl	NEFS 2	6	9	1	11.11	0.00					704	28300	58.83	0.00	0	57.10	61	6.00	7
7999	2013	GB Cod East	Bottom Otter Trawl	NEFS 3																		
8000	2013	GB Cod East	Bottom Otter Trawl	NEFS 5																		
8001	2013	GB Cod East	Bottom Otter Trawl	NEFS 6																		
8002	2013	GB Cod East	Bottom Otter Trawl	NEFS 7	3	5	2	40.00	0.00	0.00	1.26	5	100.00	65	14153	1019.90	1.50	21	43.30	46	18.10	19
8003	2013	GB Cod East	Bottom Otter Trawl	NEFS 8	4	20	3	15.00	0.01	0.00	0.21	2	10.00	1427	177500	10079.80	57.75	1017	155.50	165	28.20	30
8004	2013	GB Cod East	Bottom Otter Trawl	NEFS 9	24	128	13	10.16	0.01	0.00	0.66	46	35.94	20368	1589984	59667.40	330.00	8794	1007.80	1075	131.00	138
8005	2013	GB Cod East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8006	2013	GB Cod East	Bottom Otter Trawl	Sustainable Harvest Sector 1	18	114	17	14.91	0.00	0.00	0.48	36	31.58	19159	1213124	98344.20	166.50	2054	821.90	869	150.70	158
8007	2013	GB Cod East	Bottom Otter Trawl	Tri-State Sector																		
8008	2013	GB Cod East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8009	2013	GB Cod East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8010	2013	GB Cod East	Extra Large Mesh Gillnet	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8011	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 10																		
8012	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 11																		
8013	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 12																		
8014	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 13																		
8015	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 2																		
8016	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 3																		
8017	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 5																		
8018	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 6																		
8019	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 7																		
8020	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 8																		
8021	2013	GB Cod East	Extra Large Mesh Gillnet	NEFS 9																		
8022	2013	GB Cod East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8023	2013	GB Cod East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8024	2013	GB Cod East	Extra Large Mesh Gillnet	Tri-State Sector																		
8025	2013	GB Cod East	Haddock Otter Trawl	Fixed Gear Sector																		
8026	2013	GB Cod East	Haddock Otter Trawl	Maine Coast Community Sector																		
8027	2013	GB Cod East	Haddock Otter Trawl	NCCS																		
8028	2013	GB Cod East	Haddock Otter Trawl	NEFS 10																		
8029	2013	GB Cod East	Haddock Otter Trawl	NEFS 11																		
8030	2013	GB Cod East	Haddock Otter Trawl	NEFS 12																		
8031	2013	GB Cod East	Haddock Otter Trawl	NEFS 13																		
8032	2013	GB Cod East	Haddock Otter Trawl	NEFS 2																		
8033	2013	GB Cod East	Haddock Otter Trawl	NEFS 3																		
8034	2013	GB Cod East	Haddock Otter Trawl	NEFS 5																		
8035	2013	GB Cod East	Haddock Otter Trawl	NEFS 6																		
8036	2013	GB Cod East	Haddock Otter Trawl	NEFS 7																		
8037	2013	GB Cod East	Haddock Otter Trawl	NEFS 8																		
8038	2013	GB Cod East	Haddock Otter Trawl	NEFS 9																		
8039	2013	GB Cod East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8040	2013	GB Cod East	Haddock Otter Trawl	Sustainable Harvest Sector 1	8	25	2	8.00	0.00	0.00	0.18	1	4.00	6765	330780	7726.20	4.50	193	202.70	214	15.70	16
8041	2013	GB Cod East	Haddock Otter Trawl	Tri-State Sector																		
8042	2013	GB Cod East	Handline	Fixed Gear Sector																		
8043	2013	GB Cod East	Handline	Maine Coast Community Sector																		
8044	2013	GB Cod East	Handline	NCCS																		
8045	2013	GB Cod East	Handline	NEFS 10																		
8046	2013	GB Cod East	Handline	NEFS 11																		
8047	2013	GB Cod East	Handline	NEFS 12																		
8048	2013	GB Cod East	Handline	NEFS 13																		
8049	2013	GB Cod East	Handline	NEFS 2																		
8050	2013	GB Cod East	Handline	NEFS 3																		
8051	2013	GB Cod East	Handline	NEFS 5																		
8052	2013	GB Cod East	Handline	NEFS 6																		
8053	2013	GB Cod East	Handline	NEFS 7																		
8054	2013	GB Cod East	Handline	NEFS 8																		
8055	2013	GB Cod East	Handline	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8056	2013	GB Cod East	Handline	Port Clyde Community Groundfish Sector																		
8057	2013	GB Cod East	Handline	Sustainable Harvest Sector 1																		
8058	2013	GB Cod East	Handline	Tri-State Sector																		
8059	2013	GB Cod East	Large Mesh Gillnet	Fixed Gear Sector																		
8060	2013	GB Cod East	Large Mesh Gillnet	Maine Coast Community Sector																		
8061	2013	GB Cod East	Large Mesh Gillnet	NCCS																		
8062	2013	GB Cod East	Large Mesh Gillnet	NEFS 10																		
8063	2013	GB Cod East	Large Mesh Gillnet	NEFS 11																		
8064	2013	GB Cod East	Large Mesh Gillnet	NEFS 12																		
8065	2013	GB Cod East	Large Mesh Gillnet	NEFS 13																		
8066	2013	GB Cod East	Large Mesh Gillnet	NEFS 2																		
8067	2013	GB Cod East	Large Mesh Gillnet	NEFS 3																		
8068	2013	GB Cod East	Large Mesh Gillnet	NEFS 5																		
8069	2013	GB Cod East	Large Mesh Gillnet	NEFS 6																		
8070	2013	GB Cod East	Large Mesh Gillnet	NEFS 7																		
8071	2013	GB Cod East	Large Mesh Gillnet	NEFS 8																		
8072	2013	GB Cod East	Large Mesh Gillnet	NEFS 9																		
8073	2013	GB Cod East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8074	2013	GB Cod East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8075	2013	GB Cod East	Large Mesh Gillnet	Tri-State Sector																		
8076	2013	GB Cod East	Ruhle Trawl	Fixed Gear Sector																		
8077	2013	GB Cod East	Ruhle Trawl	Maine Coast Community Sector																		
8078	2013	GB Cod East	Ruhle Trawl	NCCS																		
8079	2013	GB Cod East	Ruhle Trawl	NEFS 10																		
8080	2013	GB Cod East	Ruhle Trawl	NEFS 11																		
8081	2013	GB Cod East	Ruhle Trawl	NEFS 12																		
8082	2013	GB Cod East	Ruhle Trawl	NEFS 13																		
8083	2013	GB Cod East	Ruhle Trawl	NEFS 2																		
8084	2013	GB Cod East	Ruhle Trawl	NEFS 3																		
8085	2013	GB Cod East	Ruhle Trawl	NEFS 5																		
8086	2013	GB Cod East	Ruhle Trawl	NEFS 6																		
8087	2013	GB Cod East	Ruhle Trawl	NEFS 7																		
8088	2013	GB Cod East	Ruhle Trawl	NEFS 8																		
8089	2013	GB Cod East	Ruhle Trawl	NEFS 9																		
8090	2013	GB Cod East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8091	2013	GB Cod East	Ruhle Trawl	Sustainable Harvest Sector 1																		
8092	2013	GB Cod East	Ruhle Trawl	Tri-State Sector																		
8093	2013	GB Cod West	Bottom Longline	Fixed Gear Sector	5	14	2	14.29	0.00	0.00	0.00	0	0.00	2703	17977	7474.00	0.00	0	10.80	16	0.30	2
8094	2013	GB Cod West	Bottom Longline	Maine Coast Community Sector																		
8095	2013	GB Cod West	Bottom Longline	NCCS																		
8096	2013	GB Cod West	Bottom Longline	NEFS 10																		
8097	2013	GB Cod West	Bottom Longline	NEFS 11																		
8098	2013	GB Cod West	Bottom Longline	NEFS 12																		
8099	2013	GB Cod West	Bottom Longline	NEFS 13																		
8100	2013	GB Cod West	Bottom Longline	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8101	2013	GB Cod West	Bottom Longline	NEFS 3																		
8102	2013	GB Cod West	Bottom Longline	NEFS 5																		
8103	2013	GB Cod West	Bottom Longline	NEFS 6																		
8104	2013	GB Cod West	Bottom Longline	NEFS 7																		
8105	2013	GB Cod West	Bottom Longline	NEFS 8																		
8106	2013	GB Cod West	Bottom Longline	NEFS 9																		
8107	2013	GB Cod West	Bottom Longline	Port Clyde Community Groundfish Sector																		
8108	2013	GB Cod West	Bottom Longline	Sustainable Harvest Sector 1																		
8109	2013	GB Cod West	Bottom Longline	Tri-State Sector																		
8110	2013	GB Cod West	Bottom Otter Trawl	Fixed Gear Sector																		
8111	2013	GB Cod West	Bottom Otter Trawl	Maine Coast Community Sector																		
8112	2013	GB Cod West	Bottom Otter Trawl	NCCS																		
8113	2013	GB Cod West	Bottom Otter Trawl	NEFS 10																		
8114	2013	GB Cod West	Bottom Otter Trawl	NEFS 11																		
8115	2013	GB Cod West	Bottom Otter Trawl	NEFS 12																		
8116	2013	GB Cod West	Bottom Otter Trawl	NEFS 13	53	347	69	19.88	0.01	0.00	0.48	136	39.19	253084	2555231	444363.80	3663.00	21063	712.30	866	144.70	177
8117	2013	GB Cod West	Bottom Otter Trawl	NEFS 2	20	205	37	18.05	0.00	0.00	0.19	17	8.29	203441	2476310	500944.60	588.00	2907	909.30	993	217.70	237
8118	2013	GB Cod West	Bottom Otter Trawl	NEFS 3																		
8119	2013	GB Cod West	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.59	448	50.62	44779	5166469	1189565.70	483.00	2098	571.50	956	128.90	210
8120	2013	GB Cod West	Bottom Otter Trawl	NEFS 6	9	87	17	19.54	0.00	0.00	0.59	43	49.43	61019	1083044	144517.30	31.50	236	511.00	543	115.70	126
8121	2013	GB Cod West	Bottom Otter Trawl	NEFS 7	19	144	28	19.44	0.00	0.00	0.43	48	33.33	88405	1778927	290809.90	464.25	2840	609.80	668	126.50	139
8122	2013	GB Cod West	Bottom Otter Trawl	NEFS 8	18	165	23	13.94	0.01	0.00	0.36	32	19.39	316135	1965766	355650.90	3702.00	20462	641.80	694	152.80	165
8123	2013	GB Cod West	Bottom Otter Trawl	NEFS 9	87	596	95	15.94	0.00	0.00	0.17	33	5.54	973758	7239275	1556288.60	2697.00	12545	2411.50	2640	679.80	735
8124	2013	GB Cod West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8125	2013	GB Cod West	Bottom Otter Trawl	Sustainable Harvest Sector 1	49	594	103	17.34	0.00	0.00	0.22	63	10.61	1106087	7528014	1259118.70	3244.50	19398	3028.90	3247	713.10	763
8126	2013	GB Cod West	Bottom Otter Trawl	Tri-State Sector																		
8127	2013	GB Cod West	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.27	170	18.54	2261	5219025	1052594.30	32.80	163	313.70	923	90.00	220
8128	2013	GB Cod West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8129	2013	GB Cod West	Extra Large Mesh Gillnet	NCCS																		
8130	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 10																		
8131	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 11	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	21010	24817.00	0.00	0	2.50	6	3.40	6
8132	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 12																		
8133	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 13																		
8134	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 2																		
8135	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 3	9	19	2	10.53	0.00	0.00	0.00	0	0.00	0	77701	4487.20	0.00	0	20.00	30	4.70	6
8136	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 5																		
8137	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 6																		
8138	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 7	4	50	10	20.00	0.00	0.00	0.74	31	62.00	168	278038	72932.30	47.20	180	49.00	70	9.30	14
8139	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 8																		
8140	2013	GB Cod West	Extra Large Mesh Gillnet	NEFS 9																		
8141	2013	GB Cod West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8142	2013	GB Cod West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8143	2013	GB Cod West	Extra Large Mesh Gillnet	Tri-State Sector																		
8144	2013	GB Cod West	Haddock Otter Trawl	Fixed Gear Sector																		
8145	2013	GB Cod West	Haddock Otter Trawl	Maine Coast Community Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8146	2013	GB Cod West	Haddock Otter Trawl	NCCS																		
8147	2013	GB Cod West	Haddock Otter Trawl	NEFS 10																		
8148	2013	GB Cod West	Haddock Otter Trawl	NEFS 11																		
8149	2013	GB Cod West	Haddock Otter Trawl	NEFS 12																		
8150	2013	GB Cod West	Haddock Otter Trawl	NEFS 13																		
8151	2013	GB Cod West	Haddock Otter Trawl	NEFS 2	4	32	4	12.50	0.00	0.00	0.16	2	6.25	44629	799964	90557.20	376.50	3326	118.00	129	22.50	25
8152	2013	GB Cod West	Haddock Otter Trawl	NEFS 3																		
8153	2013	GB Cod West	Haddock Otter Trawl	NEFS 5																		
8154	2013	GB Cod West	Haddock Otter Trawl	NEFS 6																		
8155	2013	GB Cod West	Haddock Otter Trawl	NEFS 7																		
8156	2013	GB Cod West	Haddock Otter Trawl	NEFS 8																		
8157	2013	GB Cod West	Haddock Otter Trawl	NEFS 9																		
8158	2013	GB Cod West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8159	2013	GB Cod West	Haddock Otter Trawl	Sustainable Harvest Sector 1	7	34	8	23.53	0.00	0.00	0.44	14	41.18	79533	704747	130786.10	49.50	267	193.30	208	62.70	67
8160	2013	GB Cod West	Haddock Otter Trawl	Tri-State Sector																		
8161	2013	GB Cod West	Handline	Fixed Gear Sector																		
8162	2013	GB Cod West	Handline	Maine Coast Community Sector																		
8163	2013	GB Cod West	Handline	NCCS																		
8164	2013	GB Cod West	Handline	NEFS 10																		
8165	2013	GB Cod West	Handline	NEFS 11																		
8166	2013	GB Cod West	Handline	NEFS 12																		
8167	2013	GB Cod West	Handline	NEFS 13																		
8168	2013	GB Cod West	Handline	NEFS 2																		
8169	2013	GB Cod West	Handline	NEFS 3																		
8170	2013	GB Cod West	Handline	NEFS 5																		
8171	2013	GB Cod West	Handline	NEFS 6																		
8172	2013	GB Cod West	Handline	NEFS 7																		
8173	2013	GB Cod West	Handline	NEFS 8																		
8174	2013	GB Cod West	Handline	NEFS 9																		
8175	2013	GB Cod West	Handline	Port Clyde Community Groundfish Sector																		
8176	2013	GB Cod West	Handline	Sustainable Harvest Sector 1																		
8177	2013	GB Cod West	Handline	Tri-State Sector																		
8178	2013	GB Cod West	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.16	45	11.22	107288	1357550	357024.30	878.40	3340	180.20	430	45.30	122
8179	2013	GB Cod West	Large Mesh Gillnet	Maine Coast Community Sector																		
8180	2013	GB Cod West	Large Mesh Gillnet	NCCS																		
8181	2013	GB Cod West	Large Mesh Gillnet	NEFS 10																		
8182	2013	GB Cod West	Large Mesh Gillnet	NEFS 11																		
8183	2013	GB Cod West	Large Mesh Gillnet	NEFS 12																		
8184	2013	GB Cod West	Large Mesh Gillnet	NEFS 13																		
8185	2013	GB Cod West	Large Mesh Gillnet	NEFS 2																		
8186	2013	GB Cod West	Large Mesh Gillnet	NEFS 3	7	34	5	14.71	0.01	0.00	0.74	18	52.94	9241	94796	2503.20	16.80	636	73.90	91	5.10	8
8187	2013	GB Cod West	Large Mesh Gillnet	NEFS 5																		
8188	2013	GB Cod West	Large Mesh Gillnet	NEFS 6																		
8189	2013	GB Cod West	Large Mesh Gillnet	NEFS 7	4	16	0	0.00						2455	35809	0.00	0.00		18.40	26	0.00	0
8190	2013	GB Cod West	Large Mesh Gillnet	NEFS 8																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8191	2013	GB Cod West	Large Mesh Gillnet	NEFS 9																		
8192	2013	GB Cod West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8193	2013	GB Cod West	Large Mesh Gillnet	Sustainable Harvest Sector 1	6	11	1	9.09	0.00					7189	31052	589.30	1.60	84	58.50	65	3.60	4
8194	2013	GB Cod West	Large Mesh Gillnet	Tri-State Sector																		
8195	2013	GB Cod West	Ruhle Trawl	Fixed Gear Sector																		
8196	2013	GB Cod West	Ruhle Trawl	Maine Coast Community Sector																		
8197	2013	GB Cod West	Ruhle Trawl	NCCS																		
8198	2013	GB Cod West	Ruhle Trawl	NEFS 10																		
8199	2013	GB Cod West	Ruhle Trawl	NEFS 11																		
8200	2013	GB Cod West	Ruhle Trawl	NEFS 12																		
8201	2013	GB Cod West	Ruhle Trawl	NEFS 13	5	8	1	12.50	0.00					3728	38281	90.80	0.00	0	27.80	31	10.30	11
8202	2013	GB Cod West	Ruhle Trawl	NEFS 2																		
8203	2013	GB Cod West	Ruhle Trawl	NEFS 3																		
8204	2013	GB Cod West	Ruhle Trawl	NEFS 5																		
8205	2013	GB Cod West	Ruhle Trawl	NEFS 6																		
8206	2013	GB Cod West	Ruhle Trawl	NEFS 7																		
8207	2013	GB Cod West	Ruhle Trawl	NEFS 8																		
8208	2013	GB Cod West	Ruhle Trawl	NEFS 9																		
8209	2013	GB Cod West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8210	2013	GB Cod West	Ruhle Trawl	Sustainable Harvest Sector 1																		
8211	2013	GB Cod West	Ruhle Trawl	Tri-State Sector																		
8212	2013	GB Haddock East	Bottom Longline	Fixed Gear Sector																		
8213	2013	GB Haddock East	Bottom Longline	Maine Coast Community Sector																		
8214	2013	GB Haddock East	Bottom Longline	NCCS																		
8215	2013	GB Haddock East	Bottom Longline	NEFS 10																		
8216	2013	GB Haddock East	Bottom Longline	NEFS 11																		
8217	2013	GB Haddock East	Bottom Longline	NEFS 12																		
8218	2013	GB Haddock East	Bottom Longline	NEFS 13																		
8219	2013	GB Haddock East	Bottom Longline	NEFS 2																		
8220	2013	GB Haddock East	Bottom Longline	NEFS 3																		
8221	2013	GB Haddock East	Bottom Longline	NEFS 5																		
8222	2013	GB Haddock East	Bottom Longline	NEFS 6																		
8223	2013	GB Haddock East	Bottom Longline	NEFS 7																		
8224	2013	GB Haddock East	Bottom Longline	NEFS 8																		
8225	2013	GB Haddock East	Bottom Longline	NEFS 9																		
8226	2013	GB Haddock East	Bottom Longline	Port Clyde Community Groundfish Sector																		
8227	2013	GB Haddock East	Bottom Longline	Sustainable Harvest Sector 1																		
8228	2013	GB Haddock East	Bottom Longline	Tri-State Sector																		
8229	2013	GB Haddock East	Bottom Otter Trawl	Fixed Gear Sector																		
8230	2013	GB Haddock East	Bottom Otter Trawl	Maine Coast Community Sector																		
8231	2013	GB Haddock East	Bottom Otter Trawl	NCCS																		
8232	2013	GB Haddock East	Bottom Otter Trawl	NEFS 10																		
8233	2013	GB Haddock East	Bottom Otter Trawl	NEFS 11																		
8234	2013	GB Haddock East	Bottom Otter Trawl	NEFS 12																		
8235	2013	GB Haddock East	Bottom Otter Trawl	NEFS 13	5	15	1	6.67	0.00					65197	122359	430.50	0.00	0	94.90	101	10.30	11

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8236	2013	GB Haddock East	Bottom Otter Trawl	NEFS 2	6	9	1	11.11	0.00					17971	28300	58.83	0.00	0	57.10	61	6.00	7
8237	2013	GB Haddock East	Bottom Otter Trawl	NEFS 3																		
8238	2013	GB Haddock East	Bottom Otter Trawl	NEFS 5																		
8239	2013	GB Haddock East	Bottom Otter Trawl	NEFS 6																		
8240	2013	GB Haddock East	Bottom Otter Trawl	NEFS 7	3	5	2	40.00	0.00	0.00	1.26	5	100.00	266	14153	1019.90	4.00	56	43.30	46	18.10	19
8241	2013	GB Haddock East	Bottom Otter Trawl	NEFS 8	4	20	3	15.00	0.05	0.00	0.35	4	20.00	28915	177500	10079.80	554.00	9756	155.50	165	28.20	30
8242	2013	GB Haddock East	Bottom Otter Trawl	NEFS 9	24	128	13	10.16	0.03	0.00	0.53	34	26.56	258897	1589984	59667.40	1599.00	42609	1007.80	1075	131.00	138
8243	2013	GB Haddock East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8244	2013	GB Haddock East	Bottom Otter Trawl	Sustainable Harvest Sector 1	18	114	17	14.91	0.03	0.00	0.41	29	25.44	600878	1220565	98344.20	2993.00	37147	821.90	869	150.70	158
8245	2013	GB Haddock East	Bottom Otter Trawl	Tri-State Sector																		
8246	2013	GB Haddock East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8247	2013	GB Haddock East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8248	2013	GB Haddock East	Extra Large Mesh Gillnet	NCCS																		
8249	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 10																		
8250	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 11																		
8251	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 12																		
8252	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 13																		
8253	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 2																		
8254	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 3																		
8255	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 5																		
8256	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 6																		
8257	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 7																		
8258	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 8																		
8259	2013	GB Haddock East	Extra Large Mesh Gillnet	NEFS 9																		
8260	2013	GB Haddock East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8261	2013	GB Haddock East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8262	2013	GB Haddock East	Extra Large Mesh Gillnet	Tri-State Sector																		
8263	2013	GB Haddock East	Haddock Otter Trawl	Fixed Gear Sector																		
8264	2013	GB Haddock East	Haddock Otter Trawl	Maine Coast Community Sector																		
8265	2013	GB Haddock East	Haddock Otter Trawl	NCCS																		
8266	2013	GB Haddock East	Haddock Otter Trawl	NEFS 10																		
8267	2013	GB Haddock East	Haddock Otter Trawl	NEFS 11																		
8268	2013	GB Haddock East	Haddock Otter Trawl	NEFS 12																		
8269	2013	GB Haddock East	Haddock Otter Trawl	NEFS 13																		
8270	2013	GB Haddock East	Haddock Otter Trawl	NEFS 2																		
8271	2013	GB Haddock East	Haddock Otter Trawl	NEFS 3																		
8272	2013	GB Haddock East	Haddock Otter Trawl	NEFS 5																		
8273	2013	GB Haddock East	Haddock Otter Trawl	NEFS 6																		
8274	2013	GB Haddock East	Haddock Otter Trawl	NEFS 7																		
8275	2013	GB Haddock East	Haddock Otter Trawl	NEFS 8																		
8276	2013	GB Haddock East	Haddock Otter Trawl	NEFS 9																		
8277	2013	GB Haddock East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8278	2013	GB Haddock East	Haddock Otter Trawl	Sustainable Harvest Sector 1	8	25	2	8.00	0.01	0.00	0.18	1	4.00	216396	331261	7726.20	51.00	2187	202.70	214	15.70	16
8279	2013	GB Haddock East	Haddock Otter Trawl	Tri-State Sector																		
8280	2013	GB Haddock East	Handline	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8281	2013	GB Haddock East	Handline	Maine Coast Community Sector																		
8282	2013	GB Haddock East	Handline	NCCS																		
8283	2013	GB Haddock East	Handline	NEFS 10																		
8284	2013	GB Haddock East	Handline	NEFS 11																		
8285	2013	GB Haddock East	Handline	NEFS 12																		
8286	2013	GB Haddock East	Handline	NEFS 13																		
8287	2013	GB Haddock East	Handline	NEFS 2																		
8288	2013	GB Haddock East	Handline	NEFS 3																		
8289	2013	GB Haddock East	Handline	NEFS 5																		
8290	2013	GB Haddock East	Handline	NEFS 6																		
8291	2013	GB Haddock East	Handline	NEFS 7																		
8292	2013	GB Haddock East	Handline	NEFS 8																		
8293	2013	GB Haddock East	Handline	NEFS 9																		
8294	2013	GB Haddock East	Handline	Port Clyde Community Groundfish Sector																		
8295	2013	GB Haddock East	Handline	Sustainable Harvest Sector 1																		
8296	2013	GB Haddock East	Handline	Tri-State Sector																		
8297	2013	GB Haddock East	Large Mesh Gillnet	Fixed Gear Sector																		
8298	2013	GB Haddock East	Large Mesh Gillnet	Maine Coast Community Sector																		
8299	2013	GB Haddock East	Large Mesh Gillnet	NCCS																		
8300	2013	GB Haddock East	Large Mesh Gillnet	NEFS 10																		
8301	2013	GB Haddock East	Large Mesh Gillnet	NEFS 11																		
8302	2013	GB Haddock East	Large Mesh Gillnet	NEFS 12																		
8303	2013	GB Haddock East	Large Mesh Gillnet	NEFS 13																		
8304	2013	GB Haddock East	Large Mesh Gillnet	NEFS 2																		
8305	2013	GB Haddock East	Large Mesh Gillnet	NEFS 3																		
8306	2013	GB Haddock East	Large Mesh Gillnet	NEFS 5																		
8307	2013	GB Haddock East	Large Mesh Gillnet	NEFS 6																		
8308	2013	GB Haddock East	Large Mesh Gillnet	NEFS 7																		
8309	2013	GB Haddock East	Large Mesh Gillnet	NEFS 8																		
8310	2013	GB Haddock East	Large Mesh Gillnet	NEFS 9																		
8311	2013	GB Haddock East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8312	2013	GB Haddock East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8313	2013	GB Haddock East	Large Mesh Gillnet	Tri-State Sector																		
8314	2013	GB Haddock East	Ruhle Trawl	Fixed Gear Sector																		
8315	2013	GB Haddock East	Ruhle Trawl	Maine Coast Community Sector																		
8316	2013	GB Haddock East	Ruhle Trawl	NCCS																		
8317	2013	GB Haddock East	Ruhle Trawl	NEFS 10																		
8318	2013	GB Haddock East	Ruhle Trawl	NEFS 11																		
8319	2013	GB Haddock East	Ruhle Trawl	NEFS 12																		
8320	2013	GB Haddock East	Ruhle Trawl	NEFS 13																		
8321	2013	GB Haddock East	Ruhle Trawl	NEFS 2																		
8322	2013	GB Haddock East	Ruhle Trawl	NEFS 3																		
8323	2013	GB Haddock East	Ruhle Trawl	NEFS 5																		
8324	2013	GB Haddock East	Ruhle Trawl	NEFS 6																		
8325	2013	GB Haddock East	Ruhle Trawl	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8326	2013	GB Haddock East	Ruhle Trawl	NEFS 8																		
8327	2013	GB Haddock East	Ruhle Trawl	NEFS 9																		
8328	2013	GB Haddock East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8329	2013	GB Haddock East	Ruhle Trawl	Sustainable Harvest Sector 1																		
8330	2013	GB Haddock East	Ruhle Trawl	Tri-State Sector																		
8331	2013	GB Haddock West	Bottom Longline	Fixed Gear Sector	5	14	2	14.29	0.00	0.00	0.00	0	0.00	7836	17977	7474.00	0.00	0	10.80	16	0.30	2
8332	2013	GB Haddock West	Bottom Longline	Maine Coast Community Sector																		
8333	2013	GB Haddock West	Bottom Longline	NCCS																		
8334	2013	GB Haddock West	Bottom Longline	NEFS 10																		
8335	2013	GB Haddock West	Bottom Longline	NEFS 11																		
8336	2013	GB Haddock West	Bottom Longline	NEFS 12																		
8337	2013	GB Haddock West	Bottom Longline	NEFS 13																		
8338	2013	GB Haddock West	Bottom Longline	NEFS 2																		
8339	2013	GB Haddock West	Bottom Longline	NEFS 3																		
8340	2013	GB Haddock West	Bottom Longline	NEFS 5																		
8341	2013	GB Haddock West	Bottom Longline	NEFS 6																		
8342	2013	GB Haddock West	Bottom Longline	NEFS 7																		
8343	2013	GB Haddock West	Bottom Longline	NEFS 8																		
8344	2013	GB Haddock West	Bottom Longline	NEFS 9																		
8345	2013	GB Haddock West	Bottom Longline	Port Clyde Community Groundfish Sector																		
8346	2013	GB Haddock West	Bottom Longline	Sustainable Harvest Sector 1																		
8347	2013	GB Haddock West	Bottom Longline	Tri-State Sector																		
8348	2013	GB Haddock West	Bottom Otter Trawl	Fixed Gear Sector																		
8349	2013	GB Haddock West	Bottom Otter Trawl	Maine Coast Community Sector																		
8350	2013	GB Haddock West	Bottom Otter Trawl	NCCS																		
8351	2013	GB Haddock West	Bottom Otter Trawl	NEFS 10																		
8352	2013	GB Haddock West	Bottom Otter Trawl	NEFS 11																		
8353	2013	GB Haddock West	Bottom Otter Trawl	NEFS 12																		
8354	2013	GB Haddock West	Bottom Otter Trawl	NEFS 13	53	347	69	19.88	0.02	0.00	0.45	125	36.02	160108	2556141	444363.80	9961.00	57299	712.30	866	144.70	177
8355	2013	GB Haddock West	Bottom Otter Trawl	NEFS 2	20	205	37	18.05	0.02	0.00	0.33	43	20.98	662865	2524010	500944.60	10882.00	54829	909.30	993	217.70	237
8356	2013	GB Haddock West	Bottom Otter Trawl	NEFS 3																		
8357	2013	GB Haddock West	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.30	182	20.56	64	5166469	1189565.70	300.00	1303	571.50	956	128.90	210
8358	2013	GB Haddock West	Bottom Otter Trawl	NEFS 6	9	87	17	19.54	0.00	0.00	0.54	38	43.68	96538	1083044	144517.30	40.00	300	511.00	543	115.70	126
8359	2013	GB Haddock West	Bottom Otter Trawl	NEFS 7	19	144	28	19.44	0.01	0.00	0.31	31	21.53	102289	1778927	290809.90	2034.00	12442	609.80	668	126.50	139
8360	2013	GB Haddock West	Bottom Otter Trawl	NEFS 8	18	165	23	13.94	0.03	0.00	0.43	41	24.85	274531	1965766	355650.90	12044.00	66570	641.80	694	152.80	165
8361	2013	GB Haddock West	Bottom Otter Trawl	NEFS 9	87	596	95	15.94	0.01	0.00	0.23	59	9.90	893214	7239275	1556288.60	21725.00	101057	2411.50	2640	679.80	735
8362	2013	GB Haddock West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8363	2013	GB Haddock West	Bottom Otter Trawl	Sustainable Harvest Sector 1	49	594	103	17.34	0.02	0.00	0.28	90	15.15	1919214	7543785	1259118.70	30767.00	184335	3028.90	3247	713.10	763
8364	2013	GB Haddock West	Bottom Otter Trawl	Tri-State Sector																		
8365	2013	GB Haddock West	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.00	0	0.00	212	5219025	1052594.30	0.00	0	313.70	923	90.00	220
8366	2013	GB Haddock West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8367	2013	GB Haddock West	Extra Large Mesh Gillnet	NCCS																		
8368	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 10																		
8369	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 11	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	21010	24817.00	0.00	0	2.50	6	3.40	6
8370	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8371	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 13																		
8372	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 2																		
8373	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 3	9	19	2	10.53	0.00	0.00	0.00	0	0.00	0	77701	4487.20	0.00	0	20.00	30	4.70	6
8374	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 5																		
8375	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 6																		
8376	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 7	4	50	10	20.00	0.00	0.00	0.00	0	0.00	7	278038	72932.30	0.00	0	49.00	70	9.30	14
8377	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 8																		
8378	2013	GB Haddock West	Extra Large Mesh Gillnet	NEFS 9																		
8379	2013	GB Haddock West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8380	2013	GB Haddock West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8381	2013	GB Haddock West	Extra Large Mesh Gillnet	Tri-State Sector																		
8382	2013	GB Haddock West	Haddock Otter Trawl	Fixed Gear Sector																		
8383	2013	GB Haddock West	Haddock Otter Trawl	Maine Coast Community Sector																		
8384	2013	GB Haddock West	Haddock Otter Trawl	NCCS																		
8385	2013	GB Haddock West	Haddock Otter Trawl	NEFS 10																		
8386	2013	GB Haddock West	Haddock Otter Trawl	NEFS 11																		
8387	2013	GB Haddock West	Haddock Otter Trawl	NEFS 12																		
8388	2013	GB Haddock West	Haddock Otter Trawl	NEFS 13																		
8389	2013	GB Haddock West	Haddock Otter Trawl	NEFS 2	4	32	4	12.50	0.07	0.00	0.37	6	18.75	437090	867350	90557.20	6457.00	61845	118.00	129	22.50	25
8390	2013	GB Haddock West	Haddock Otter Trawl	NEFS 3																		
8391	2013	GB Haddock West	Haddock Otter Trawl	NEFS 5																		
8392	2013	GB Haddock West	Haddock Otter Trawl	NEFS 6																		
8393	2013	GB Haddock West	Haddock Otter Trawl	NEFS 7																		
8394	2013	GB Haddock West	Haddock Otter Trawl	NEFS 8																		
8395	2013	GB Haddock West	Haddock Otter Trawl	NEFS 9																		
8396	2013	GB Haddock West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8397	2013	GB Haddock West	Haddock Otter Trawl	Sustainable Harvest Sector 1	7	34	8	23.53	0.06	0.00	0.33	10	29.41	537537	699857	130786.10	8184.00	43794	193.30	208	62.70	67
8398	2013	GB Haddock West	Haddock Otter Trawl	Tri-State Sector																		
8399	2013	GB Haddock West	Handline	Fixed Gear Sector																		
8400	2013	GB Haddock West	Handline	Maine Coast Community Sector																		
8401	2013	GB Haddock West	Handline	NCCS																		
8402	2013	GB Haddock West	Handline	NEFS 10																		
8403	2013	GB Haddock West	Handline	NEFS 11																		
8404	2013	GB Haddock West	Handline	NEFS 12																		
8405	2013	GB Haddock West	Handline	NEFS 13																		
8406	2013	GB Haddock West	Handline	NEFS 2																		
8407	2013	GB Haddock West	Handline	NEFS 3																		
8408	2013	GB Haddock West	Handline	NEFS 5																		
8409	2013	GB Haddock West	Handline	NEFS 6																		
8410	2013	GB Haddock West	Handline	NEFS 7																		
8411	2013	GB Haddock West	Handline	NEFS 8																		
8412	2013	GB Haddock West	Handline	NEFS 9																		
8413	2013	GB Haddock West	Handline	Port Clyde Community Groundfish Sector																		
8414	2013	GB Haddock West	Handline	Sustainable Harvest Sector 1																		
8415	2013	GB Haddock West	Handline	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8416	2013	GB Haddock West	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.22	75	18.70	22573	1357550	357024.30	609.00	2316	180.20	430	45.30	122
8417	2013	GB Haddock West	Large Mesh Gillnet	Maine Coast Community Sector																		
8418	2013	GB Haddock West	Large Mesh Gillnet	NCCS																		
8419	2013	GB Haddock West	Large Mesh Gillnet	NEFS 10																		
8420	2013	GB Haddock West	Large Mesh Gillnet	NEFS 11																		
8421	2013	GB Haddock West	Large Mesh Gillnet	NEFS 12																		
8422	2013	GB Haddock West	Large Mesh Gillnet	NEFS 13																		
8423	2013	GB Haddock West	Large Mesh Gillnet	NEFS 2																		
8424	2013	GB Haddock West	Large Mesh Gillnet	NEFS 3	7	34	5	14.71	0.00	0.00	0.00	0	0.00	358	94796	2503.20	0.00	0	73.90	91	5.10	8
8425	2013	GB Haddock West	Large Mesh Gillnet	NEFS 5																		
8426	2013	GB Haddock West	Large Mesh Gillnet	NEFS 6																		
8427	2013	GB Haddock West	Large Mesh Gillnet	NEFS 7	4	16	0	0.00						57	35809	0.00	0.00		18.40	26	0.00	0
8428	2013	GB Haddock West	Large Mesh Gillnet	NEFS 8																		
8429	2013	GB Haddock West	Large Mesh Gillnet	NEFS 9																		
8430	2013	GB Haddock West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8431	2013	GB Haddock West	Large Mesh Gillnet	Sustainable Harvest Sector 1	6	11	1	9.09	0.01					509	31052	589.30	5.00	263	58.50	65	3.60	4
8432	2013	GB Haddock West	Large Mesh Gillnet	Tri-State Sector																		
8433	2013	GB Haddock West	Ruhle Trawl	Fixed Gear Sector																		
8434	2013	GB Haddock West	Ruhle Trawl	Maine Coast Community Sector																		
8435	2013	GB Haddock West	Ruhle Trawl	NCCS																		
8436	2013	GB Haddock West	Ruhle Trawl	NEFS 10																		
8437	2013	GB Haddock West	Ruhle Trawl	NEFS 11																		
8438	2013	GB Haddock West	Ruhle Trawl	NEFS 12																		
8439	2013	GB Haddock West	Ruhle Trawl	NEFS 13	5	8	1	12.50	0.00					33605	38526	90.80	0.00	0	27.80	31	10.30	11
8440	2013	GB Haddock West	Ruhle Trawl	NEFS 2																		
8441	2013	GB Haddock West	Ruhle Trawl	NEFS 3																		
8442	2013	GB Haddock West	Ruhle Trawl	NEFS 5																		
8443	2013	GB Haddock West	Ruhle Trawl	NEFS 6																		
8444	2013	GB Haddock West	Ruhle Trawl	NEFS 7																		
8445	2013	GB Haddock West	Ruhle Trawl	NEFS 8																		
8446	2013	GB Haddock West	Ruhle Trawl	NEFS 9																		
8447	2013	GB Haddock West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8448	2013	GB Haddock West	Ruhle Trawl	Sustainable Harvest Sector 1																		
8449	2013	GB Haddock West	Ruhle Trawl	Tri-State Sector																		
8450	2013	GB Winter Flounder	Bottom Longline	Fixed Gear Sector	3	5	0	0.00						5	6779	0.00	0.00		5.70	7	0.00	0
8451	2013	GB Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
8452	2013	GB Winter Flounder	Bottom Longline	NCCS																		
8453	2013	GB Winter Flounder	Bottom Longline	NEFS 10																		
8454	2013	GB Winter Flounder	Bottom Longline	NEFS 11																		
8455	2013	GB Winter Flounder	Bottom Longline	NEFS 12																		
8456	2013	GB Winter Flounder	Bottom Longline	NEFS 13																		
8457	2013	GB Winter Flounder	Bottom Longline	NEFS 2																		
8458	2013	GB Winter Flounder	Bottom Longline	NEFS 3																		
8459	2013	GB Winter Flounder	Bottom Longline	NEFS 5																		
8460	2013	GB Winter Flounder	Bottom Longline	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8461	2013	GB Winter Flounder	Bottom Longline	NEFS 7																		
8462	2013	GB Winter Flounder	Bottom Longline	NEFS 8																		
8463	2013	GB Winter Flounder	Bottom Longline	NEFS 9																		
8464	2013	GB Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
8465	2013	GB Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
8466	2013	GB Winter Flounder	Bottom Longline	Tri-State Sector																		
8467	2013	GB Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
8468	2013	GB Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
8469	2013	GB Winter Flounder	Bottom Otter Trawl	NCCS																		
8470	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 10																		
8471	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 11																		
8472	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 12																		
8473	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 13	13	62	8	12.90	0.00	0.00	0.74	30	48.39	351338	1042246	154231.50	105.00	710	313.80	336	57.50	63
8474	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 2	13	57	13	22.81	0.00	0.00	0.00	0	0.00	1960	680211	160924.80	0.00	0	300.00	323	85.70	93
8475	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 3																		
8476	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 5																		
8477	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 6	5	30	3	10.00	0.00	0.00	0.00	0	0.00	916	308772	20371.90	0.00	0	203.50	214	18.20	20
8478	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 7	9	82	16	19.51	0.00	0.00	0.52	35	42.68	409733	1410574	230093.40	367.00	2250	516.70	553	101.80	108
8479	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 8	11	99	20	20.20	0.00	0.00	0.37	28	28.28	514873	1309017	185083.10	153.00	1082	545.80	585	133.80	144
8480	2013	GB Winter Flounder	Bottom Otter Trawl	NEFS 9	55	389	66	16.97	0.00	0.00	0.31	71	18.25	1982166	5605886	932610.60	1204.00	7237	1896.10	2033	522.50	561
8481	2013	GB Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8482	2013	GB Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	38	309	48	15.53	0.00	0.00	0.54	115	37.22	513217	3780020	620524.40	29.00	177	1600.90	1697	399.80	423
8483	2013	GB Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
8484	2013	GB Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8485	2013	GB Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8486	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
8487	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
8488	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
8489	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
8490	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
8491	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
8492	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 3																		
8493	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
8494	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
8495	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
8496	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
8497	2013	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
8498	2013	GB Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8499	2013	GB Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8500	2013	GB Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
8501	2013	GB Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
8502	2013	GB Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
8503	2013	GB Winter Flounder	Haddock Otter Trawl	NCCS																		
8504	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 10																		
8505	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8506	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 12																		
8507	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 13																		
8508	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 2	3	21	3	14.29	0.00	0.00	0.00	0	0.00	161	442425	6699.00	0.00	0	101.60	111	17.30	19
8509	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 3																		
8510	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 5																		
8511	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 6																		
8512	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 7																		
8513	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 8																		
8514	2013	GB Winter Flounder	Haddock Otter Trawl	NEFS 9																		
8515	2013	GB Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8516	2013	GB Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	49	8	16.33	0.00	0.00	0.00	0	0.00	11632	693473	136324.90	0.00	0	298.30	317	62.70	67
8517	2013	GB Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
8518	2013	GB Winter Flounder	Handline	Fixed Gear Sector																		
8519	2013	GB Winter Flounder	Handline	Maine Coast Community Sector																		
8520	2013	GB Winter Flounder	Handline	NCCS																		
8521	2013	GB Winter Flounder	Handline	NEFS 10																		
8522	2013	GB Winter Flounder	Handline	NEFS 11																		
8523	2013	GB Winter Flounder	Handline	NEFS 12																		
8524	2013	GB Winter Flounder	Handline	NEFS 13																		
8525	2013	GB Winter Flounder	Handline	NEFS 2																		
8526	2013	GB Winter Flounder	Handline	NEFS 3																		
8527	2013	GB Winter Flounder	Handline	NEFS 5																		
8528	2013	GB Winter Flounder	Handline	NEFS 6																		
8529	2013	GB Winter Flounder	Handline	NEFS 7																		
8530	2013	GB Winter Flounder	Handline	NEFS 8																		
8531	2013	GB Winter Flounder	Handline	NEFS 9																		
8532	2013	GB Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
8533	2013	GB Winter Flounder	Handline	Sustainable Harvest Sector 1																		
8534	2013	GB Winter Flounder	Handline	Tri-State Sector																		
8535	2013	GB Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
8536	2013	GB Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
8537	2013	GB Winter Flounder	Large Mesh Gillnet	NCCS																		
8538	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 10																		
8539	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 11																		
8540	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 12																		
8541	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 13																		
8542	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 2																		
8543	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 3																		
8544	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 5																		
8545	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 6																		
8546	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 7																		
8547	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 8																		
8548	2013	GB Winter Flounder	Large Mesh Gillnet	NEFS 9																		
8549	2013	GB Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8550	2013	GB Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	6	10	0	0.00						0	32723	0.00	0.00		53.10	58	0.00	0

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8551	2013	GB Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
8552	2013	GB Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
8553	2013	GB Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
8554	2013	GB Winter Flounder	Ruhle Trawl	NCCS																		
8555	2013	GB Winter Flounder	Ruhle Trawl	NEFS 10																		
8556	2013	GB Winter Flounder	Ruhle Trawl	NEFS 11																		
8557	2013	GB Winter Flounder	Ruhle Trawl	NEFS 12																		
8558	2013	GB Winter Flounder	Ruhle Trawl	NEFS 13	3	7	1	14.29	0.00					2183	41330	90.80	0.00	0	27.70	31	10.30	11
8559	2013	GB Winter Flounder	Ruhle Trawl	NEFS 2																		
8560	2013	GB Winter Flounder	Ruhle Trawl	NEFS 3																		
8561	2013	GB Winter Flounder	Ruhle Trawl	NEFS 5																		
8562	2013	GB Winter Flounder	Ruhle Trawl	NEFS 6																		
8563	2013	GB Winter Flounder	Ruhle Trawl	NEFS 7																		
8564	2013	GB Winter Flounder	Ruhle Trawl	NEFS 8	4	4	0	0.00						1191	21318	0.00	0.00		26.60	28	0.00	0
8565	2013	GB Winter Flounder	Ruhle Trawl	NEFS 9																		
8566	2013	GB Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8567	2013	GB Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
8568	2013	GB Winter Flounder	Ruhle Trawl	Tri-State Sector																		
8569	2013	GB Yellowtail Flounder	Bottom Longline	Fixed Gear Sector	3	5	0	0.00						0	6779	0.00	0.00		5.70	7	0.00	0
8570	2013	GB Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
8571	2013	GB Yellowtail Flounder	Bottom Longline	NCCS																		
8572	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 10																		
8573	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 11																		
8574	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 12																		
8575	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 13																		
8576	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 2																		
8577	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 3																		
8578	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 5																		
8579	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 6																		
8580	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 7																		
8581	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 8																		
8582	2013	GB Yellowtail Flounder	Bottom Longline	NEFS 9																		
8583	2013	GB Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
8584	2013	GB Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
8585	2013	GB Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
8586	2013	GB Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
8587	2013	GB Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
8588	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
8589	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
8590	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
8591	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
8592	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	13	62	8	12.90	0.00	0.00	0.75	31	50.00	33242	1008073	154231.50	66.00	431	313.80	336	57.50	63
8593	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	13	57	13	22.81	0.00	0.00	0.96	43	75.44	147	680211	160924.80	4.00	17	300.00	323	85.70	93
8594	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
8595	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8596	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	5	30	3	10.00	0.00	0.00	0.00	0	0.00	548	308772	20371.90	0.00	0	203.50	214	18.20	20
8597	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	9	82	16	19.51	0.00	0.00	0.36	22	26.83	24325	1410574	230093.40	151.00	926	516.70	553	101.80	108
8598	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	11	99	20	20.20	0.00	0.00	0.60	50	50.51	7396	1309017	185083.10	674.00	4767	545.80	585	133.80	144
8599	2013	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	55	389	66	16.97	0.00	0.00	0.31	69	17.74	24231	5605886	932610.60	2130.00	12803	1896.10	2033	522.50	561
8600	2013	GB Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8601	2013	GB Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	38	309	48	15.53	0.00	0.00	0.59	130	42.07	11332	3757335	620524.40	110.00	666	1600.90	1697	399.80	423
8602	2013	GB Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
8603	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8604	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8605	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
8606	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
8607	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
8608	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
8609	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
8610	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
8611	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3																		
8612	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
8613	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
8614	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
8615	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
8616	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
8617	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8618	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8619	2013	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
8620	2013	GB Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
8621	2013	GB Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
8622	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
8623	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
8624	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
8625	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
8626	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
8627	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	3	21	3	14.29	0.00	0.00	0.00	0	0.00	37	442425	6699.00	0.00	0	101.60	111	17.30	19
8628	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
8629	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
8630	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
8631	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
8632	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
8633	2013	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
8634	2013	GB Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8635	2013	GB Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	14	49	8	16.33	0.00	0.00	0.31	9	18.37	95	684229	136324.90	15.00	75	298.30	317	62.70	67
8636	2013	GB Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
8637	2013	GB Yellowtail Flounder	Handline	Fixed Gear Sector																		
8638	2013	GB Yellowtail Flounder	Handline	Maine Coast Community Sector																		
8639	2013	GB Yellowtail Flounder	Handline	NCCS																		
8640	2013	GB Yellowtail Flounder	Handline	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8641	2013	GB Yellowtail Flounder	Handline	NEFS 11																		
8642	2013	GB Yellowtail Flounder	Handline	NEFS 12																		
8643	2013	GB Yellowtail Flounder	Handline	NEFS 13																		
8644	2013	GB Yellowtail Flounder	Handline	NEFS 2																		
8645	2013	GB Yellowtail Flounder	Handline	NEFS 3																		
8646	2013	GB Yellowtail Flounder	Handline	NEFS 5																		
8647	2013	GB Yellowtail Flounder	Handline	NEFS 6																		
8648	2013	GB Yellowtail Flounder	Handline	NEFS 7																		
8649	2013	GB Yellowtail Flounder	Handline	NEFS 8																		
8650	2013	GB Yellowtail Flounder	Handline	NEFS 9																		
8651	2013	GB Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
8652	2013	GB Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
8653	2013	GB Yellowtail Flounder	Handline	Tri-State Sector																		
8654	2013	GB Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
8655	2013	GB Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
8656	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
8657	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
8658	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
8659	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
8660	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
8661	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
8662	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
8663	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
8664	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
8665	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
8666	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
8667	2013	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
8668	2013	GB Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8669	2013	GB Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	6	10	0	0.00						0	32723	0.00	0.00		53.10	58	0.00	0
8670	2013	GB Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
8671	2013	GB Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
8672	2013	GB Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
8673	2013	GB Yellowtail Flounder	Ruhle Trawl	NCCS																		
8674	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
8675	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
8676	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
8677	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 13	3	7	1	14.29	0.00					8224	40598	90.80	0.00	0	27.70	31	10.30	11
8678	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
8679	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
8680	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
8681	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
8682	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
8683	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 8	4	4	0	0.00						344	21318	0.00	0.00		26.60	28	0.00	0
8684	2013	GB Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
8685	2013	GB Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8686	2013	GB Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
8687	2013	GB Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
8688	2013	GOM Cod	Bottom Longline	Fixed Gear Sector	4	21	2	9.52	0.01	0.00	0.17	1	4.76	7668	35282	3541.30	26.40	263	18.20	28	1.20	2
8689	2013	GOM Cod	Bottom Longline	Maine Coast Community Sector																		
8690	2013	GOM Cod	Bottom Longline	NCCS																		
8691	2013	GOM Cod	Bottom Longline	NEFS 10																		
8692	2013	GOM Cod	Bottom Longline	NEFS 11																		
8693	2013	GOM Cod	Bottom Longline	NEFS 12																		
8694	2013	GOM Cod	Bottom Longline	NEFS 13																		
8695	2013	GOM Cod	Bottom Longline	NEFS 2																		
8696	2013	GOM Cod	Bottom Longline	NEFS 3	5	81	22	27.16	0.02	0.00	0.20	12	14.81	16755	48210	11520.90	244.20	1022	40.00	81	10.80	22
8697	2013	GOM Cod	Bottom Longline	NEFS 5																		
8698	2013	GOM Cod	Bottom Longline	NEFS 6																		
8699	2013	GOM Cod	Bottom Longline	NEFS 7																		
8700	2013	GOM Cod	Bottom Longline	NEFS 8																		
8701	2013	GOM Cod	Bottom Longline	NEFS 9																		
8702	2013	GOM Cod	Bottom Longline	Port Clyde Community Groundfish Sector																		
8703	2013	GOM Cod	Bottom Longline	Sustainable Harvest Sector 1																		
8704	2013	GOM Cod	Bottom Longline	Tri-State Sector																		
8705	2013	GOM Cod	Bottom Otter Trawl	Fixed Gear Sector																		
8706	2013	GOM Cod	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.90	46	73.02	6747	194484	33030.80	2.25	13	112.30	142	20.40	29
8707	2013	GOM Cod	Bottom Otter Trawl	NCCS																		
8708	2013	GOM Cod	Bottom Otter Trawl	NEFS 10	8	267	50	18.73	0.00	0.00	0.41	82	30.71	92748	485429	80986.10	136.50	818	140.10	267	24.30	50
8709	2013	GOM Cod	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.01	0.00	0.58	27	39.71	26173	45629	3275.40	26.25	366	28.00	68	3.50	10
8710	2013	GOM Cod	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.43	35	33.33	15481	127875	39845.10	67.50	217	48.50	105	9.50	20
8711	2013	GOM Cod	Bottom Otter Trawl	NEFS 13																		
8712	2013	GOM Cod	Bottom Otter Trawl	NEFS 2	57	1018	215	21.12	0.00	0.00	0.16	74	7.27	371879	4271475	1045920.00	1481.25	6049	1298.30	1808	355.40	467
8713	2013	GOM Cod	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.31	28	26.67	63330	125148	29879.40	70.50	295	66.50	115	14.40	26
8714	2013	GOM Cod	Bottom Otter Trawl	NEFS 5																		
8715	2013	GOM Cod	Bottom Otter Trawl	NEFS 6	13	126	26	20.63	0.00	0.00	0.56	60	47.62	49860	2072033	318243.80	162.00	1055	582.30	625	133.70	148
8716	2013	GOM Cod	Bottom Otter Trawl	NEFS 7																		
8717	2013	GOM Cod	Bottom Otter Trawl	NEFS 8	3	5	0	0.00						88	23954	0.00	0.00		27.70	30	0.00	0
8718	2013	GOM Cod	Bottom Otter Trawl	NEFS 9	23	113	28	24.78	0.00	0.00	0.25	22	19.47	21901	2117771	411651.40	231.00	1188	551.70	599	217.50	232
8719	2013	GOM Cod	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8720	2013	GOM Cod	Bottom Otter Trawl	Sustainable Harvest Sector 1	99	963	177	18.38	0.00	0.00	0.16	61	6.33	369152	12858936	2557525.80	1513.50	7610	3656.60	4028	902.60	987
8721	2013	GOM Cod	Bottom Otter Trawl	Tri-State Sector																		
8722	2013	GOM Cod	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8723	2013	GOM Cod	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8724	2013	GOM Cod	Extra Large Mesh Gillnet	NCCS																		
8725	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	797	28479	8328.30	0.00	0	12.90	23	4.10	7
8726	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 11	3	46	27	58.70	0.00	0.00	0.23	22	47.83	866	49640	16855.70	54.40	160	27.20	46	15.80	28
8727	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 12																		
8728	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 13																		
8729	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 2																		
8730	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 3	10	310	62	20.00	0.00	0.00	0.32	71	22.90	27541	802938	77751.00	248.80	2569	305.00	476	51.50	87

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8731	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 5																		
8732	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 6																		
8733	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 7																		
8734	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 8																		
8735	2013	GOM Cod	Extra Large Mesh Gillnet	NEFS 9																		
8736	2013	GOM Cod	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8737	2013	GOM Cod	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8738	2013	GOM Cod	Extra Large Mesh Gillnet	Tri-State Sector																		
8739	2013	GOM Cod	Haddock Otter Trawl	Fixed Gear Sector																		
8740	2013	GOM Cod	Haddock Otter Trawl	Maine Coast Community Sector																		
8741	2013	GOM Cod	Haddock Otter Trawl	NCCS																		
8742	2013	GOM Cod	Haddock Otter Trawl	NEFS 10																		
8743	2013	GOM Cod	Haddock Otter Trawl	NEFS 11																		
8744	2013	GOM Cod	Haddock Otter Trawl	NEFS 12																		
8745	2013	GOM Cod	Haddock Otter Trawl	NEFS 13																		
8746	2013	GOM Cod	Haddock Otter Trawl	NEFS 2																		
8747	2013	GOM Cod	Haddock Otter Trawl	NEFS 3																		
8748	2013	GOM Cod	Haddock Otter Trawl	NEFS 5																		
8749	2013	GOM Cod	Haddock Otter Trawl	NEFS 6																		
8750	2013	GOM Cod	Haddock Otter Trawl	NEFS 7																		
8751	2013	GOM Cod	Haddock Otter Trawl	NEFS 8																		
8752	2013	GOM Cod	Haddock Otter Trawl	NEFS 9																		
8753	2013	GOM Cod	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8754	2013	GOM Cod	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
8755	2013	GOM Cod	Haddock Otter Trawl	Tri-State Sector																		
8756	2013	GOM Cod	Handline	Fixed Gear Sector																		
8757	2013	GOM Cod	Handline	Maine Coast Community Sector																		
8758	2013	GOM Cod	Handline	NCCS																		
8759	2013	GOM Cod	Handline	NEFS 10																		
8760	2013	GOM Cod	Handline	NEFS 11																		
8761	2013	GOM Cod	Handline	NEFS 12																		
8762	2013	GOM Cod	Handline	NEFS 13																		
8763	2013	GOM Cod	Handline	NEFS 2																		
8764	2013	GOM Cod	Handline	NEFS 3																		
8765	2013	GOM Cod	Handline	NEFS 5																		
8766	2013	GOM Cod	Handline	NEFS 6																		
8767	2013	GOM Cod	Handline	NEFS 7																		
8768	2013	GOM Cod	Handline	NEFS 8																		
8769	2013	GOM Cod	Handline	NEFS 9																		
8770	2013	GOM Cod	Handline	Port Clyde Community Groundfish Sector																		
8771	2013	GOM Cod	Handline	Sustainable Harvest Sector 1																		
8772	2013	GOM Cod	Handline	Tri-State Sector																		
8773	2013	GOM Cod	Large Mesh Gillnet	Fixed Gear Sector																		
8774	2013	GOM Cod	Large Mesh Gillnet	Maine Coast Community Sector	12	372	70	18.82	0.00	0.00	0.23	47	12.63	65369	1188530	166868.60	328.00	2336	420.80	614	52.00	87
8775	2013	GOM Cod	Large Mesh Gillnet	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8776	2013	GOM Cod	Large Mesh Gillnet	NEFS 10	6	300	62	20.67	0.00	0.00	0.25	45	15.00	19766	560884	117131.00	152.80	732	180.90	331	32.10	66
8777	2013	GOM Cod	Large Mesh Gillnet	NEFS 11	19	898	211	23.50	0.00	0.00	0.14	53	5.90	197538	2085137	509733.60	1630.40	6669	534.80	1018	129.60	243
8778	2013	GOM Cod	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.27	16	17.58	22544	628742	129015.90	548.00	2671	351.80	393	93.90	102
8779	2013	GOM Cod	Large Mesh Gillnet	NEFS 13																		
8780	2013	GOM Cod	Large Mesh Gillnet	NEFS 2																		
8781	2013	GOM Cod	Large Mesh Gillnet	NEFS 3	20	590	150	25.42	0.00	0.00	0.15	45	7.63	117576	924382	240873.00	988.00	3792	367.30	703	92.30	178
8782	2013	GOM Cod	Large Mesh Gillnet	NEFS 5																		
8783	2013	GOM Cod	Large Mesh Gillnet	NEFS 6																		
8784	2013	GOM Cod	Large Mesh Gillnet	NEFS 7																		
8785	2013	GOM Cod	Large Mesh Gillnet	NEFS 8																		
8786	2013	GOM Cod	Large Mesh Gillnet	NEFS 9																		
8787	2013	GOM Cod	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8788	2013	GOM Cod	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	219	42	19.18	0.00	0.00	0.16	15	6.85	64720	1077486	229062.40	524.00	2465	583.80	684	107.20	129
8789	2013	GOM Cod	Large Mesh Gillnet	Tri-State Sector																		
8790	2013	GOM Cod	Ruhle Trawl	Fixed Gear Sector																		
8791	2013	GOM Cod	Ruhle Trawl	Maine Coast Community Sector																		
8792	2013	GOM Cod	Ruhle Trawl	NCCS																		
8793	2013	GOM Cod	Ruhle Trawl	NEFS 10																		
8794	2013	GOM Cod	Ruhle Trawl	NEFS 11																		
8795	2013	GOM Cod	Ruhle Trawl	NEFS 12																		
8796	2013	GOM Cod	Ruhle Trawl	NEFS 13																		
8797	2013	GOM Cod	Ruhle Trawl	NEFS 2																		
8798	2013	GOM Cod	Ruhle Trawl	NEFS 3																		
8799	2013	GOM Cod	Ruhle Trawl	NEFS 5																		
8800	2013	GOM Cod	Ruhle Trawl	NEFS 6																		
8801	2013	GOM Cod	Ruhle Trawl	NEFS 7																		
8802	2013	GOM Cod	Ruhle Trawl	NEFS 8																		
8803	2013	GOM Cod	Ruhle Trawl	NEFS 9																		
8804	2013	GOM Cod	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8805	2013	GOM Cod	Ruhle Trawl	Sustainable Harvest Sector 1																		
8806	2013	GOM Cod	Ruhle Trawl	Tri-State Sector																		
8807	2013	GOM Haddock	Bottom Longline	Fixed Gear Sector	4	21	2	9.52	0.01	0.00	0.28	2	9.52	22978	35282	3541.30	20.00	199	18.20	28	1.20	2
8808	2013	GOM Haddock	Bottom Longline	Maine Coast Community Sector																		
8809	2013	GOM Haddock	Bottom Longline	NCCS																		
8810	2013	GOM Haddock	Bottom Longline	NEFS 10																		
8811	2013	GOM Haddock	Bottom Longline	NEFS 11																		
8812	2013	GOM Haddock	Bottom Longline	NEFS 12																		
8813	2013	GOM Haddock	Bottom Longline	NEFS 13																		
8814	2013	GOM Haddock	Bottom Longline	NEFS 2																		
8815	2013	GOM Haddock	Bottom Longline	NEFS 3	5	81	22	27.16	0.01	0.00	0.37	30	37.04	17419	48210	11520.90	109.00	456	40.00	81	10.80	22
8816	2013	GOM Haddock	Bottom Longline	NEFS 5																		
8817	2013	GOM Haddock	Bottom Longline	NEFS 6																		
8818	2013	GOM Haddock	Bottom Longline	NEFS 7																		
8819	2013	GOM Haddock	Bottom Longline	NEFS 8																		
8820	2013	GOM Haddock	Bottom Longline	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8821	2013	GOM Haddock	Bottom Longline	Port Clyde Community Groundfish Sector																		
8822	2013	GOM Haddock	Bottom Longline	Sustainable Harvest Sector 1																		
8823	2013	GOM Haddock	Bottom Longline	Tri-State Sector																		
8824	2013	GOM Haddock	Bottom Otter Trawl	Fixed Gear Sector																		
8825	2013	GOM Haddock	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.66	37	58.73	253	194484	33030.80	2.00	12	112.30	142	20.40	29
8826	2013	GOM Haddock	Bottom Otter Trawl	NCCS																		
8827	2013	GOM Haddock	Bottom Otter Trawl	NEFS 10	8	267	50	18.73	0.00	0.00	0.38	74	27.72	318	485429	80986.10	6.00	36	140.10	267	24.30	50
8828	2013	GOM Haddock	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	1.04	46	67.65	419	45629	3275.40	1.00	14	28.00	68	3.50	10
8829	2013	GOM Haddock	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.52	44	41.90	368	127875	39845.10	18.00	58	48.50	105	9.50	20
8830	2013	GOM Haddock	Bottom Otter Trawl	NEFS 13																		
8831	2013	GOM Haddock	Bottom Otter Trawl	NEFS 2	57	1018	215	21.12	0.00	0.00	0.29	207	20.33	61670	4271475	1045920.00	1395.00	5697	1298.30	1808	355.40	467
8832	2013	GOM Haddock	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.00	0	0.00	528	125148	29879.40	0.00	0	66.50	115	14.40	26
8833	2013	GOM Haddock	Bottom Otter Trawl	NEFS 5																		
8834	2013	GOM Haddock	Bottom Otter Trawl	NEFS 6	13	126	26	20.63	0.00	0.00	0.40	41	32.54	11487	2072033	318243.80	25.00	163	582.30	625	133.70	148
8835	2013	GOM Haddock	Bottom Otter Trawl	NEFS 7																		
8836	2013	GOM Haddock	Bottom Otter Trawl	NEFS 8	3	5	0	0.00						0	23954	0.00	0.00		27.70	30	0.00	0
8837	2013	GOM Haddock	Bottom Otter Trawl	NEFS 9	23	113	28	24.78	0.00	0.00	0.29	27	23.89	16042	2117771	411651.40	344.00	1770	551.70	599	217.50	232
8838	2013	GOM Haddock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8839	2013	GOM Haddock	Bottom Otter Trawl	Sustainable Harvest Sector 1	99	963	177	18.38	0.00	0.00	0.18	76	7.89	167471	12858936	2557525.80	5879.00	29559	3656.60	4028	902.60	987
8840	2013	GOM Haddock	Bottom Otter Trawl	Tri-State Sector																		
8841	2013	GOM Haddock	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8842	2013	GOM Haddock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8843	2013	GOM Haddock	Extra Large Mesh Gillnet	NCCS																		
8844	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	9	28479	8328.30	0.00	0	12.90	23	4.10	7
8845	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 11	3	46	27	58.70	0.00	0.00	0.38	33	71.74	173	49640	16855.70	23.00	68	27.20	46	15.80	28
8846	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 12																		
8847	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 13																		
8848	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 2																		
8849	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 3	10	310	62	20.00	0.00	0.00	0.55	143	46.13	1131	802938	77751.00	7.00	72	305.00	476	51.50	87
8850	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 5																		
8851	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 6																		
8852	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 7																		
8853	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 8																		
8854	2013	GOM Haddock	Extra Large Mesh Gillnet	NEFS 9																		
8855	2013	GOM Haddock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8856	2013	GOM Haddock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8857	2013	GOM Haddock	Extra Large Mesh Gillnet	Tri-State Sector																		
8858	2013	GOM Haddock	Haddock Otter Trawl	Fixed Gear Sector																		
8859	2013	GOM Haddock	Haddock Otter Trawl	Maine Coast Community Sector																		
8860	2013	GOM Haddock	Haddock Otter Trawl	NCCS																		
8861	2013	GOM Haddock	Haddock Otter Trawl	NEFS 10																		
8862	2013	GOM Haddock	Haddock Otter Trawl	NEFS 11																		
8863	2013	GOM Haddock	Haddock Otter Trawl	NEFS 12																		
8864	2013	GOM Haddock	Haddock Otter Trawl	NEFS 13																		
8865	2013	GOM Haddock	Haddock Otter Trawl	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8866	2013	GOM Haddock	Haddock Otter Trawl	NEFS 3																		
8867	2013	GOM Haddock	Haddock Otter Trawl	NEFS 5																		
8868	2013	GOM Haddock	Haddock Otter Trawl	NEFS 6																		
8869	2013	GOM Haddock	Haddock Otter Trawl	NEFS 7																		
8870	2013	GOM Haddock	Haddock Otter Trawl	NEFS 8																		
8871	2013	GOM Haddock	Haddock Otter Trawl	NEFS 9																		
8872	2013	GOM Haddock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8873	2013	GOM Haddock	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
8874	2013	GOM Haddock	Haddock Otter Trawl	Tri-State Sector																		
8875	2013	GOM Haddock	Handline	Fixed Gear Sector																		
8876	2013	GOM Haddock	Handline	Maine Coast Community Sector																		
8877	2013	GOM Haddock	Handline	NCCS																		
8878	2013	GOM Haddock	Handline	NEFS 10																		
8879	2013	GOM Haddock	Handline	NEFS 11																		
8880	2013	GOM Haddock	Handline	NEFS 12																		
8881	2013	GOM Haddock	Handline	NEFS 13																		
8882	2013	GOM Haddock	Handline	NEFS 2																		
8883	2013	GOM Haddock	Handline	NEFS 3																		
8884	2013	GOM Haddock	Handline	NEFS 5																		
8885	2013	GOM Haddock	Handline	NEFS 6																		
8886	2013	GOM Haddock	Handline	NEFS 7																		
8887	2013	GOM Haddock	Handline	NEFS 8																		
8888	2013	GOM Haddock	Handline	NEFS 9																		
8889	2013	GOM Haddock	Handline	Port Clyde Community Groundfish Sector																		
8890	2013	GOM Haddock	Handline	Sustainable Harvest Sector 1																		
8891	2013	GOM Haddock	Handline	Tri-State Sector																		
8892	2013	GOM Haddock	Large Mesh Gillnet	Fixed Gear Sector																		
8893	2013	GOM Haddock	Large Mesh Gillnet	Maine Coast Community Sector	12	372	70	18.82	0.00	0.00	0.37	97	26.08	4259	1188530	166868.60	144.00	1026	420.80	614	52.00	87
8894	2013	GOM Haddock	Large Mesh Gillnet	NCCS																		
8895	2013	GOM Haddock	Large Mesh Gillnet	NEFS 10	6	300	62	20.67	0.00	0.00	0.74	184	61.33	1251	560884	117131.00	21.00	101	180.90	331	32.10	66
8896	2013	GOM Haddock	Large Mesh Gillnet	NEFS 11	19	898	211	23.50	0.00	0.00	0.16	73	8.13	7840	2085137	509733.60	370.00	1514	534.80	1018	129.60	243
8897	2013	GOM Haddock	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.28	17	18.68	1288	628742	129015.90	173.00	843	351.80	393	93.90	102
8898	2013	GOM Haddock	Large Mesh Gillnet	NEFS 13																		
8899	2013	GOM Haddock	Large Mesh Gillnet	NEFS 2																		
8900	2013	GOM Haddock	Large Mesh Gillnet	NEFS 3	20	590	150	25.42	0.00	0.00	0.16	54	9.15	4360	924382	240873.00	291.00	1117	367.30	703	92.30	178
8901	2013	GOM Haddock	Large Mesh Gillnet	NEFS 5																		
8902	2013	GOM Haddock	Large Mesh Gillnet	NEFS 6																		
8903	2013	GOM Haddock	Large Mesh Gillnet	NEFS 7																		
8904	2013	GOM Haddock	Large Mesh Gillnet	NEFS 8																		
8905	2013	GOM Haddock	Large Mesh Gillnet	NEFS 9																		
8906	2013	GOM Haddock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8907	2013	GOM Haddock	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	219	42	19.18	0.00	0.00	0.23	27	12.33	3442	1077486	229062.40	293.00	1378	583.80	684	107.20	129
8908	2013	GOM Haddock	Large Mesh Gillnet	Tri-State Sector																		
8909	2013	GOM Haddock	Ruhle Trawl	Fixed Gear Sector																		
8910	2013	GOM Haddock	Ruhle Trawl	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8911	2013	GOM Haddock	Ruhle Trawl	NCCS																		
8912	2013	GOM Haddock	Ruhle Trawl	NEFS 10																		
8913	2013	GOM Haddock	Ruhle Trawl	NEFS 11																		
8914	2013	GOM Haddock	Ruhle Trawl	NEFS 12																		
8915	2013	GOM Haddock	Ruhle Trawl	NEFS 13																		
8916	2013	GOM Haddock	Ruhle Trawl	NEFS 2																		
8917	2013	GOM Haddock	Ruhle Trawl	NEFS 3																		
8918	2013	GOM Haddock	Ruhle Trawl	NEFS 5																		
8919	2013	GOM Haddock	Ruhle Trawl	NEFS 6																		
8920	2013	GOM Haddock	Ruhle Trawl	NEFS 7																		
8921	2013	GOM Haddock	Ruhle Trawl	NEFS 8																		
8922	2013	GOM Haddock	Ruhle Trawl	NEFS 9																		
8923	2013	GOM Haddock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
8924	2013	GOM Haddock	Ruhle Trawl	Sustainable Harvest Sector 1																		
8925	2013	GOM Haddock	Ruhle Trawl	Tri-State Sector																		
8926	2013	GOM Winter Flounder	Bottom Longline	Fixed Gear Sector	4	21	2	9.52	0.00	0.00	0.00	0	0.00	0	35282	3541.30	0.00	0	18.20	28	1.20	2
8927	2013	GOM Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
8928	2013	GOM Winter Flounder	Bottom Longline	NCCS																		
8929	2013	GOM Winter Flounder	Bottom Longline	NEFS 10																		
8930	2013	GOM Winter Flounder	Bottom Longline	NEFS 11																		
8931	2013	GOM Winter Flounder	Bottom Longline	NEFS 12																		
8932	2013	GOM Winter Flounder	Bottom Longline	NEFS 13																		
8933	2013	GOM Winter Flounder	Bottom Longline	NEFS 2																		
8934	2013	GOM Winter Flounder	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	0	48210	11520.90	0.00	0	40.00	81	10.80	22
8935	2013	GOM Winter Flounder	Bottom Longline	NEFS 5																		
8936	2013	GOM Winter Flounder	Bottom Longline	NEFS 6																		
8937	2013	GOM Winter Flounder	Bottom Longline	NEFS 7																		
8938	2013	GOM Winter Flounder	Bottom Longline	NEFS 8																		
8939	2013	GOM Winter Flounder	Bottom Longline	NEFS 9																		
8940	2013	GOM Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
8941	2013	GOM Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
8942	2013	GOM Winter Flounder	Bottom Longline	Tri-State Sector																		
8943	2013	GOM Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
8944	2013	GOM Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.00	0	0.00	7	194484	33030.80	0.00	0	112.30	142	20.40	29
8945	2013	GOM Winter Flounder	Bottom Otter Trawl	NCCS																		
8946	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 10	8	267	50	18.73	0.02	0.00	0.18	22	8.24	166312	485429	80986.10	1305.50	7825	140.10	267	24.30	50
8947	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.54	25	36.76	916	45629	3275.40	5.50	77	28.00	68	3.50	10
8948	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.30	20	19.05	810	127875	39845.10	26.50	85	48.50	105	9.50	20
8949	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 13																		
8950	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 2	57	1018	215	21.12	0.00	0.00	0.26	172	16.90	74206	4271475	1045920.00	232.00	947	1298.30	1808	355.40	467
8951	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.28	24	22.86	8848	125148	29879.40	12.00	50	66.50	115	14.40	26
8952	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 5																		
8953	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 6	13	126	26	20.63	0.00	0.00	0.47	50	39.68	15814	2072033	318243.80	6.50	42	582.30	625	133.70	148
8954	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 7																		
8955	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 8	3	5	0	0.00						6180	23954	0.00	0.00		27.70	30	0.00	0

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
8956	2013	GOM Winter Flounder	Bottom Otter Trawl	NEFS 9	23	113	28	24.78	0.00	0.00	0.00	0	0.00	6955	2117771	411651.40	0.00	0	551.70	599	217.50	232
8957	2013	GOM Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
8958	2013	GOM Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	99	963	177	18.38	0.00	0.00	0.65	492	51.09	18231	12858936	2557525.80	106.50	535	3656.60	4028	902.60	987
8959	2013	GOM Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
8960	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
8961	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
8962	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
8963	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	986	28479	8328.30	0.00	0	12.90	23	4.10	7
8964	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	3	46	27	58.70	0.00	0.00	0.00	0	0.00	10	49640	16855.70	0.00	0	27.20	46	15.80	28
8965	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
8966	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
8967	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
8968	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	10	310	62	20.00	0.00	0.00	0.00	0	0.00	374	802938	77751.00	0.00	0	305.00	476	51.50	87
8969	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
8970	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
8971	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
8972	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
8973	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
8974	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
8975	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
8976	2013	GOM Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
8977	2013	GOM Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
8978	2013	GOM Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
8979	2013	GOM Winter Flounder	Haddock Otter Trawl	NCCS																		
8980	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 10																		
8981	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 11																		
8982	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 12																		
8983	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 13																		
8984	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 2																		
8985	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 3																		
8986	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 5																		
8987	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 6																		
8988	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 7																		
8989	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 8																		
8990	2013	GOM Winter Flounder	Haddock Otter Trawl	NEFS 9																		
8991	2013	GOM Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
8992	2013	GOM Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
8993	2013	GOM Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
8994	2013	GOM Winter Flounder	Handline	Fixed Gear Sector																		
8995	2013	GOM Winter Flounder	Handline	Maine Coast Community Sector																		
8996	2013	GOM Winter Flounder	Handline	NCCS																		
8997	2013	GOM Winter Flounder	Handline	NEFS 10																		
8998	2013	GOM Winter Flounder	Handline	NEFS 11																		
8999	2013	GOM Winter Flounder	Handline	NEFS 12																		
9000	2013	GOM Winter Flounder	Handline	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9001	2013	GOM Winter Flounder	Handline	NEFS 2																		
9002	2013	GOM Winter Flounder	Handline	NEFS 3																		
9003	2013	GOM Winter Flounder	Handline	NEFS 5																		
9004	2013	GOM Winter Flounder	Handline	NEFS 6																		
9005	2013	GOM Winter Flounder	Handline	NEFS 7																		
9006	2013	GOM Winter Flounder	Handline	NEFS 8																		
9007	2013	GOM Winter Flounder	Handline	NEFS 9																		
9008	2013	GOM Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
9009	2013	GOM Winter Flounder	Handline	Sustainable Harvest Sector 1																		
9010	2013	GOM Winter Flounder	Handline	Tri-State Sector																		
9011	2013	GOM Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
9012	2013	GOM Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector	12	372	70	18.82	0.00	0.00	0.00	0	0.00	124	1188530	166868.60	0.00	0	420.80	614	52.00	87
9013	2013	GOM Winter Flounder	Large Mesh Gillnet	NCCS																		
9014	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 10	6	300	62	20.67	0.00	0.00	0.36	84	28.00	36007	560884	117131.00	26.00	125	180.90	331	32.10	66
9015	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 11	19	898	211	23.50	0.00	0.00	0.20	109	12.14	2610	2085137	509733.60	15.50	63	534.80	1018	129.60	243
9016	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.66	50	54.95	19	628742	129015.90	1.50	7	351.80	393	93.90	102
9017	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 13																		
9018	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 2																		
9019	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 3	20	590	150	25.42	0.00	0.00	0.21	82	13.90	19344	924382	240873.00	54.50	209	367.30	703	92.30	178
9020	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 5																		
9021	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 6																		
9022	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 7																		
9023	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 8																		
9024	2013	GOM Winter Flounder	Large Mesh Gillnet	NEFS 9																		
9025	2013	GOM Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9026	2013	GOM Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	219	42	19.18	0.00	0.00	0.90	150	68.49	56	1077486	229062.40	0.50	2	583.80	684	107.20	129
9027	2013	GOM Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
9028	2013	GOM Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
9029	2013	GOM Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
9030	2013	GOM Winter Flounder	Ruhle Trawl	NCCS																		
9031	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 10																		
9032	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 11																		
9033	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 12																		
9034	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 13																		
9035	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 2																		
9036	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 3																		
9037	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 5																		
9038	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 6																		
9039	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 7																		
9040	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 8																		
9041	2013	GOM Winter Flounder	Ruhle Trawl	NEFS 9																		
9042	2013	GOM Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9043	2013	GOM Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
9044	2013	GOM Winter Flounder	Ruhle Trawl	Tri-State Sector																		
9045	2013	Halibut	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.00	0	0.00	45	57632	11015.30	0.00	0	27.30	41	1.50	4

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9046	2013	Halibut	Bottom Longline	Maine Coast Community Sector																		
9047	2013	Halibut	Bottom Longline	NCCS																		
9048	2013	Halibut	Bottom Longline	NEFS 10																		
9049	2013	Halibut	Bottom Longline	NEFS 11																		
9050	2013	Halibut	Bottom Longline	NEFS 12																		
9051	2013	Halibut	Bottom Longline	NEFS 13																		
9052	2013	Halibut	Bottom Longline	NEFS 2																		
9053	2013	Halibut	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	81	48210	11520.90	0.00	0	40.00	81	10.80	22
9054	2013	Halibut	Bottom Longline	NEFS 5																		
9055	2013	Halibut	Bottom Longline	NEFS 6																		
9056	2013	Halibut	Bottom Longline	NEFS 7																		
9057	2013	Halibut	Bottom Longline	NEFS 8																		
9058	2013	Halibut	Bottom Longline	NEFS 9																		
9059	2013	Halibut	Bottom Longline	Port Clyde Community Groundfish Sector																		
9060	2013	Halibut	Bottom Longline	Sustainable Harvest Sector 1																		
9061	2013	Halibut	Bottom Longline	Tri-State Sector																		
9062	2013	Halibut	Bottom Otter Trawl	Fixed Gear Sector																		
9063	2013	Halibut	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.01	0.00	0.41	22	34.92	549	194484	33030.80	484.00	2850	112.30	142	20.40	29
9064	2013	Halibut	Bottom Otter Trawl	NCCS																		
9065	2013	Halibut	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.35	64	23.88	186	485892	80986.10	85.00	510	140.60	268	24.30	50
9066	2013	Halibut	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.01	0.00	0.79	37	54.41	0	45629	3275.40	37.00	515	28.00	68	3.50	10
9067	2013	Halibut	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.46	38	36.19	117	127875	39845.10	18.00	58	48.50	105	9.50	20
9068	2013	Halibut	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.40	106	29.28	904	2642652	444794.30	572.00	3398	712.30	866	144.70	177
9069	2013	Halibut	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.19	100	8.12	2042	6697780	1546864.60	931.00	4031	1537.80	2074	369.10	483
9070	2013	Halibut	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.87	78	74.29	47	125148	29879.40	7.00	29	66.50	115	14.40	26
9071	2013	Halibut	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.00	0	0.00	0	5166469	1189565.70	0.00	0	571.50	956	128.90	210
9072	2013	Halibut	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.29	27	12.39	859	3179673	462761.10	288.00	1979	606.10	651	144.50	160
9073	2013	Halibut	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.47	54	36.24	1032	1793081	291829.80	800.00	4915	609.80	668	126.50	139
9074	2013	Halibut	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.33	27	14.21	1149	2167220	365730.70	637.00	3775	641.80	694	152.80	165
9075	2013	Halibut	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.17	37	4.42	4966	10947031	2027607.40	2117.00	11430	2583.30	2826	707.20	764
9076	2013	Halibut	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9077	2013	Halibut	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.13	44	2.63	11137	21225311	3914988.70	6381.00	34595	4628.50	5084	1071.30	1174
9078	2013	Halibut	Bottom Otter Trawl	Tri-State Sector																		
9079	2013	Halibut	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.46	366	39.91	531	5219025	1052594.30	446.00	2211	313.70	923	90.00	220
9080	2013	Halibut	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9081	2013	Halibut	Extra Large Mesh Gillnet	NCCS																		
9082	2013	Halibut	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
9083	2013	Halibut	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.33	36	69.23	52	70650	41672.70	131.00	222	29.70	52	19.20	34
9084	2013	Halibut	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						98	21529	0.00	0.00		28.00	34	0.00	0
9085	2013	Halibut	Extra Large Mesh Gillnet	NEFS 13																		
9086	2013	Halibut	Extra Large Mesh Gillnet	NEFS 2																		
9087	2013	Halibut	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.01	0.00	0.26	50	15.20	1769	880638	82238.20	1059.00	11340	325.00	506	52.70	89
9088	2013	Halibut	Extra Large Mesh Gillnet	NEFS 5																		
9089	2013	Halibut	Extra Large Mesh Gillnet	NEFS 6																		
9090	2013	Halibut	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.96	41	73.21	114	294470	72986.10	17.00	69	79.50	103	12.20	17

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9091	2013	Halibut	Extra Large Mesh Gillnet	NEFS 8																		
9092	2013	Halibut	Extra Large Mesh Gillnet	NEFS 9																		
9093	2013	Halibut	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9094	2013	Halibut	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9095	2013	Halibut	Extra Large Mesh Gillnet	Tri-State Sector																		
9096	2013	Halibut	Haddock Otter Trawl	Fixed Gear Sector																		
9097	2013	Halibut	Haddock Otter Trawl	Maine Coast Community Sector																		
9098	2013	Halibut	Haddock Otter Trawl	NCCS																		
9099	2013	Halibut	Haddock Otter Trawl	NEFS 10																		
9100	2013	Halibut	Haddock Otter Trawl	NEFS 11																		
9101	2013	Halibut	Haddock Otter Trawl	NEFS 12																		
9102	2013	Halibut	Haddock Otter Trawl	NEFS 13																		
9103	2013	Halibut	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	1.15	24	66.67	403	736533	90557.20	42.00	342	129.90	142	22.50	25
9104	2013	Halibut	Haddock Otter Trawl	NEFS 3																		
9105	2013	Halibut	Haddock Otter Trawl	NEFS 5																		
9106	2013	Halibut	Haddock Otter Trawl	NEFS 6																		
9107	2013	Halibut	Haddock Otter Trawl	NEFS 7																		
9108	2013	Halibut	Haddock Otter Trawl	NEFS 8																		
9109	2013	Halibut	Haddock Otter Trawl	NEFS 9																		
9110	2013	Halibut	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9111	2013	Halibut	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.51	19	32.20	451	746633	185051.90	73.00	295	342.10	365	62.70	67
9112	2013	Halibut	Haddock Otter Trawl	Tri-State Sector																		
9113	2013	Halibut	Handline	Fixed Gear Sector																		
9114	2013	Halibut	Handline	Maine Coast Community Sector																		
9115	2013	Halibut	Handline	NCCS																		
9116	2013	Halibut	Handline	NEFS 10																		
9117	2013	Halibut	Handline	NEFS 11																		
9118	2013	Halibut	Handline	NEFS 12																		
9119	2013	Halibut	Handline	NEFS 13																		
9120	2013	Halibut	Handline	NEFS 2																		
9121	2013	Halibut	Handline	NEFS 3																		
9122	2013	Halibut	Handline	NEFS 5																		
9123	2013	Halibut	Handline	NEFS 6																		
9124	2013	Halibut	Handline	NEFS 7																		
9125	2013	Halibut	Handline	NEFS 8																		
9126	2013	Halibut	Handline	NEFS 9																		
9127	2013	Halibut	Handline	Port Clyde Community Groundfish Sector																		
9128	2013	Halibut	Handline	Sustainable Harvest Sector 1																		
9129	2013	Halibut	Handline	Tri-State Sector																		
9130	2013	Halibut	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.67	275	68.58	565	1357550	357024.30	55.00	209	180.20	430	45.30	122
9131	2013	Halibut	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.28	65	17.43	525	1191462	166868.60	266.00	1899	420.80	614	52.00	87
9132	2013	Halibut	Large Mesh Gillnet	NCCS																		
9133	2013	Halibut	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.32	71	22.83	0	622240	119644.80	43.00	224	209.10	365	33.70	68
9134	2013	Halibut	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.21	117	13.00	739	2090724	509839.80	466.00	1911	535.50	1020	129.60	243
9135	2013	Halibut	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.37	25	27.47	281	628742	129015.90	152.00	741	351.80	393	93.90	102

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9136	2013	Halibut	Large Mesh Gillnet	NEFS 13																		
9137	2013	Halibut	Large Mesh Gillnet	NEFS 2																		
9138	2013	Halibut	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.24	104	16.67	318	1019178	243376.20	149.00	624	422.60	773	93.30	181
9139	2013	Halibut	Large Mesh Gillnet	NEFS 5																		
9140	2013	Halibut	Large Mesh Gillnet	NEFS 6																		
9141	2013	Halibut	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					121	57790	1050.60	0.00	0	56.00	67	2.80	3
9142	2013	Halibut	Large Mesh Gillnet	NEFS 8																		
9143	2013	Halibut	Large Mesh Gillnet	NEFS 9																		
9144	2013	Halibut	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9145	2013	Halibut	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.29	40	17.24	438	1110881	229651.70	504.00	2438	589.90	692	107.20	129
9146	2013	Halibut	Large Mesh Gillnet	Tri-State Sector																		
9147	2013	Halibut	Ruhle Trawl	Fixed Gear Sector																		
9148	2013	Halibut	Ruhle Trawl	Maine Coast Community Sector																		
9149	2013	Halibut	Ruhle Trawl	NCCS																		
9150	2013	Halibut	Ruhle Trawl	NEFS 10																		
9151	2013	Halibut	Ruhle Trawl	NEFS 11																		
9152	2013	Halibut	Ruhle Trawl	NEFS 12																		
9153	2013	Halibut	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					23	44713	90.80	0.00	0	36.90	41	10.30	11
9154	2013	Halibut	Ruhle Trawl	NEFS 2																		
9155	2013	Halibut	Ruhle Trawl	NEFS 3																		
9156	2013	Halibut	Ruhle Trawl	NEFS 5																		
9157	2013	Halibut	Ruhle Trawl	NEFS 6																		
9158	2013	Halibut	Ruhle Trawl	NEFS 7																		
9159	2013	Halibut	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
9160	2013	Halibut	Ruhle Trawl	NEFS 9																		
9161	2013	Halibut	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9162	2013	Halibut	Ruhle Trawl	Sustainable Harvest Sector 1																		
9163	2013	Halibut	Ruhle Trawl	Tri-State Sector																		
9164	2013	Northern Windowpane	Bottom Longline	Fixed Gear Sector	10	36	4	11.11	0.00	0.00	0.00	0	0.00	0	53170	11015.30	0.00	0	27.30	41	1.50	4
9165	2013	Northern Windowpane	Bottom Longline	Maine Coast Community Sector																		
9166	2013	Northern Windowpane	Bottom Longline	NCCS																		
9167	2013	Northern Windowpane	Bottom Longline	NEFS 10																		
9168	2013	Northern Windowpane	Bottom Longline	NEFS 11																		
9169	2013	Northern Windowpane	Bottom Longline	NEFS 12																		
9170	2013	Northern Windowpane	Bottom Longline	NEFS 13																		
9171	2013	Northern Windowpane	Bottom Longline	NEFS 2																		
9172	2013	Northern Windowpane	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	0	48210	11520.90	0.00	0	40.00	81	10.80	22
9173	2013	Northern Windowpane	Bottom Longline	NEFS 5																		
9174	2013	Northern Windowpane	Bottom Longline	NEFS 6																		
9175	2013	Northern Windowpane	Bottom Longline	NEFS 7																		
9176	2013	Northern Windowpane	Bottom Longline	NEFS 8																		
9177	2013	Northern Windowpane	Bottom Longline	NEFS 9																		
9178	2013	Northern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
9179	2013	Northern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
9180	2013	Northern Windowpane	Bottom Longline	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9181	2013	Northern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
9182	2013	Northern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.00	0	0.00	0	194484	33030.80	0.00	0	112.30	142	20.40	29
9183	2013	Northern Windowpane	Bottom Otter Trawl	NCCS																		
9184	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.04	0.00	0.29	47	17.54	0	485892	80986.10	3147.00	18881	140.60	268	24.30	50
9185	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.03	0.00	0.55	26	38.24	0	45629	3275.40	113.00	1574	28.00	68	3.50	10
9186	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.18	9	8.57	3	127875	39845.10	135.00	433	48.50	105	9.50	20
9187	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 13	16	74	12	16.22	0.16	0.00	0.38	18	24.32	0	1224796	221053.90	35092.00	194435	353.60	380	81.30	89
9188	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.23	140	11.36	1	6697780	1546864.60	1184.00	5127	1537.80	2074	369.10	483
9189	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.01	0.00	0.17	11	10.48	0	125148	29879.40	254.00	1064	66.50	115	14.40	26
9190	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 5																		
9191	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 6	23	217	28	12.90	0.00	0.00	0.53	70	32.26	0	3139186	462761.10	371.00	2517	606.10	651	144.50	160
9192	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 7	12	105	18	17.14	0.03	0.00	0.34	23	21.90	0	1456446	243678.00	8399.00	50200	527.00	565	109.30	117
9193	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 8	18	170	23	13.53	0.03	0.00	0.30	23	13.53	0	2028973	336119.50	10319.00	62290	632.30	682	152.80	165
9194	2013	Northern Windowpane	Bottom Otter Trawl	NEFS 9	98	708	86	12.15	0.02	0.00	0.23	52	7.34	0	9636057	1744467.20	34211.00	188974	2313.50	2504	660.50	709
9195	2013	Northern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9196	2013	Northern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	160	1616	200	12.38	0.00	0.00	0.52	482	29.83	0	21052249	3878648.20	1962.00	10649	4582.20	5025	1059.00	1159
9197	2013	Northern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
9198	2013	Northern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	13	888	178	20.05	0.00	0.00	0.35	228	25.68	0	5033158	914935.30	13.00	72	290.30	888	61.40	178
9199	2013	Northern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9200	2013	Northern Windowpane	Extra Large Mesh Gillnet	NCCS																		
9201	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
9202	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 11	3	46	27	58.70	0.00	0.00	0.00	0	0.00	0	49640	16855.70	0.00	0	27.20	46	15.80	28
9203	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
9204	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
9205	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
9206	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 3	12	312	62	19.87	0.00	0.00	0.00	0	0.00	0	807310	78434.00	0.00	0	309.10	481	51.50	87
9207	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
9208	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
9209	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 7	3	8	1	12.50	0.00					0	18639	53.80	0.00	0	38.80	43	2.80	3
9210	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
9211	2013	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
9212	2013	Northern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9213	2013	Northern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9214	2013	Northern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
9215	2013	Northern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
9216	2013	Northern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
9217	2013	Northern Windowpane	Haddock Otter Trawl	NCCS																		
9218	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 10																		
9219	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 11																		
9220	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 12																		
9221	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 13																		
9222	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	1.15	24	66.67	0	736533	90557.20	1.00	8	129.90	142	22.50	25
9223	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 3																		
9224	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 5																		
9225	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9226	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 7																		
9227	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 8																		
9228	2013	Northern Windowpane	Haddock Otter Trawl	NEFS 9																		
9229	2013	Northern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9230	2013	Northern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.25	6	10.17	0	739113	185051.90	123.00	491	342.10	365	62.70	67
9231	2013	Northern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
9232	2013	Northern Windowpane	Handline	Fixed Gear Sector																		
9233	2013	Northern Windowpane	Handline	Maine Coast Community Sector																		
9234	2013	Northern Windowpane	Handline	NCCS																		
9235	2013	Northern Windowpane	Handline	NEFS 10																		
9236	2013	Northern Windowpane	Handline	NEFS 11																		
9237	2013	Northern Windowpane	Handline	NEFS 12																		
9238	2013	Northern Windowpane	Handline	NEFS 13																		
9239	2013	Northern Windowpane	Handline	NEFS 2																		
9240	2013	Northern Windowpane	Handline	NEFS 3																		
9241	2013	Northern Windowpane	Handline	NEFS 5																		
9242	2013	Northern Windowpane	Handline	NEFS 6																		
9243	2013	Northern Windowpane	Handline	NEFS 7																		
9244	2013	Northern Windowpane	Handline	NEFS 8																		
9245	2013	Northern Windowpane	Handline	NEFS 9																		
9246	2013	Northern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
9247	2013	Northern Windowpane	Handline	Sustainable Harvest Sector 1																		
9248	2013	Northern Windowpane	Handline	Tri-State Sector																		
9249	2013	Northern Windowpane	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.40	176	43.89	0	1357550	357024.30	102.00	388	180.20	430	45.30	122
9250	2013	Northern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.00	0	0.00	0	1191462	166868.60	0.00	0	420.80	614	52.00	87
9251	2013	Northern Windowpane	Large Mesh Gillnet	NCCS																		
9252	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.34	79	25.40	0	622240	119644.80	10.00	52	209.10	365	33.70	68
9253	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 11	19	898	211	23.50	0.00	0.00	0.62	512	57.02	0	2085137	509733.60	2.00	8	534.80	1018	129.60	243
9254	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.00	0	0.00	0	628742	129015.90	0.00	0	351.80	393	93.90	102
9255	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 13																		
9256	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 2																		
9257	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 3	25	610	150	24.59	0.00	0.00	0.25	116	19.02	0	1004851	242595.00	31.00	128	418.00	759	92.30	178
9258	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 5																		
9259	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 6																		
9260	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 7	4	9	1	11.11	0.00					0	25297	1050.60	0.00	0	43.70	48	2.80	3
9261	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 8																		
9262	2013	Northern Windowpane	Large Mesh Gillnet	NEFS 9																		
9263	2013	Northern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9264	2013	Northern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.00	0	0.00	0	1110881	229651.70	0.00	0	589.90	692	107.20	129
9265	2013	Northern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
9266	2013	Northern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
9267	2013	Northern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
9268	2013	Northern Windowpane	Ruhle Trawl	NCCS																		
9269	2013	Northern Windowpane	Ruhle Trawl	NEFS 10																		
9270	2013	Northern Windowpane	Ruhle Trawl	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9271	2013	Northern Windowpane	Ruhle Trawl	NEFS 12																		
9272	2013	Northern Windowpane	Ruhle Trawl	NEFS 13	3	7	1	14.29	0.13					0	40584	90.80	12.00	5364	27.70	31	10.30	11
9273	2013	Northern Windowpane	Ruhle Trawl	NEFS 2																		
9274	2013	Northern Windowpane	Ruhle Trawl	NEFS 3																		
9275	2013	Northern Windowpane	Ruhle Trawl	NEFS 5																		
9276	2013	Northern Windowpane	Ruhle Trawl	NEFS 6																		
9277	2013	Northern Windowpane	Ruhle Trawl	NEFS 7																		
9278	2013	Northern Windowpane	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
9279	2013	Northern Windowpane	Ruhle Trawl	NEFS 9																		
9280	2013	Northern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9281	2013	Northern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
9282	2013	Northern Windowpane	Ruhle Trawl	Tri-State Sector																		
9283	2013	Ocean Pout	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.75	16	43.24	0	57632	11015.30	11.00	58	27.30	41	1.50	4
9284	2013	Ocean Pout	Bottom Longline	Maine Coast Community Sector																		
9285	2013	Ocean Pout	Bottom Longline	NCCS																		
9286	2013	Ocean Pout	Bottom Longline	NEFS 10																		
9287	2013	Ocean Pout	Bottom Longline	NEFS 11																		
9288	2013	Ocean Pout	Bottom Longline	NEFS 12																		
9289	2013	Ocean Pout	Bottom Longline	NEFS 13																		
9290	2013	Ocean Pout	Bottom Longline	NEFS 2																		
9291	2013	Ocean Pout	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.46	38	46.91	0	48210	11520.90	10.00	42	40.00	81	10.80	22
9292	2013	Ocean Pout	Bottom Longline	NEFS 5																		
9293	2013	Ocean Pout	Bottom Longline	NEFS 6																		
9294	2013	Ocean Pout	Bottom Longline	NEFS 7																		
9295	2013	Ocean Pout	Bottom Longline	NEFS 8																		
9296	2013	Ocean Pout	Bottom Longline	NEFS 9																		
9297	2013	Ocean Pout	Bottom Longline	Port Clyde Community Groundfish Sector																		
9298	2013	Ocean Pout	Bottom Longline	Sustainable Harvest Sector 1																		
9299	2013	Ocean Pout	Bottom Longline	Tri-State Sector																		
9300	2013	Ocean Pout	Bottom Otter Trawl	Fixed Gear Sector																		
9301	2013	Ocean Pout	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.00	0	0.00	0	194484	33030.80	0.00	0	112.30	142	20.40	29
9302	2013	Ocean Pout	Bottom Otter Trawl	NCCS																		
9303	2013	Ocean Pout	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.44	90	33.58	0	485892	80986.10	381.00	2286	140.60	268	24.30	50
9304	2013	Ocean Pout	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.62	29	42.65	0	45629	3275.40	9.00	125	28.00	68	3.50	10
9305	2013	Ocean Pout	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.59	51	48.57	0	127875	39845.10	7.00	22	48.50	105	9.50	20
9306	2013	Ocean Pout	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.25	53	14.64	0	2642652	444794.30	1485.00	8823	712.30	866	144.70	177
9307	2013	Ocean Pout	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.22	133	10.80	0	6697780	1546864.60	176.00	762	1537.80	2074	369.10	483
9308	2013	Ocean Pout	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.73	70	66.67	0	125148	29879.40	6.00	25	66.50	115	14.40	26
9309	2013	Ocean Pout	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.20	95	10.73	0	5166469	1189565.70	2272.00	9868	571.50	956	128.90	210
9310	2013	Ocean Pout	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.61	83	38.07	0	3179673	462761.10	169.00	1161	606.10	651	144.50	160
9311	2013	Ocean Pout	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.31	30	20.13	0	1793081	291829.80	588.00	3613	609.80	668	126.50	139
9312	2013	Ocean Pout	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.01	0.00	0.34	29	15.26	0	2167220	365730.70	2116.00	12539	641.80	694	152.80	165
9313	2013	Ocean Pout	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.21	55	6.57	0	10947031	2027607.40	1686.00	9103	2583.30	2826	707.20	764
9314	2013	Ocean Pout	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9315	2013	Ocean Pout	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.33	243	14.54	0	21220170	3914988.70	2175.00	11789	4628.50	5084	1071.30	1174

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9316	2013	Ocean Pout	Bottom Otter Trawl	Tri-State Sector																		
9317	2013	Ocean Pout	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.00	0	0.00	0	5219025	1052594.30	0.00	0	313.70	923	90.00	220
9318	2013	Ocean Pout	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9319	2013	Ocean Pout	Extra Large Mesh Gillnet	NCCS																		
9320	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
9321	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.00	0	0.00	0	70650	41672.70	0.00	0	29.70	52	19.20	34
9322	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						0	21529	0.00	0.00		28.00	34	0.00	0
9323	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 13																		
9324	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 2																		
9325	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.00	0.00	0.00	0	0.00	0	880638	82238.20	0.00	0	325.00	506	52.70	89
9326	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 5																		
9327	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 6																		
9328	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.00	0	0.00	0	294470	72986.10	0.00	0	79.50	103	12.20	17
9329	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 8																		
9330	2013	Ocean Pout	Extra Large Mesh Gillnet	NEFS 9																		
9331	2013	Ocean Pout	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9332	2013	Ocean Pout	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9333	2013	Ocean Pout	Extra Large Mesh Gillnet	Tri-State Sector																		
9334	2013	Ocean Pout	Haddock Otter Trawl	Fixed Gear Sector																		
9335	2013	Ocean Pout	Haddock Otter Trawl	Maine Coast Community Sector																		
9336	2013	Ocean Pout	Haddock Otter Trawl	NCCS																		
9337	2013	Ocean Pout	Haddock Otter Trawl	NEFS 10																		
9338	2013	Ocean Pout	Haddock Otter Trawl	NEFS 11																		
9339	2013	Ocean Pout	Haddock Otter Trawl	NEFS 12																		
9340	2013	Ocean Pout	Haddock Otter Trawl	NEFS 13																		
9341	2013	Ocean Pout	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	0.79	17	47.22	0	736533	90557.20	3.00	24	129.90	142	22.50	25
9342	2013	Ocean Pout	Haddock Otter Trawl	NEFS 3																		
9343	2013	Ocean Pout	Haddock Otter Trawl	NEFS 5																		
9344	2013	Ocean Pout	Haddock Otter Trawl	NEFS 6																		
9345	2013	Ocean Pout	Haddock Otter Trawl	NEFS 7																		
9346	2013	Ocean Pout	Haddock Otter Trawl	NEFS 8																		
9347	2013	Ocean Pout	Haddock Otter Trawl	NEFS 9																		
9348	2013	Ocean Pout	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9349	2013	Ocean Pout	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.54	20	33.90	0	739113	185051.90	4.00	16	342.10	365	62.70	67
9350	2013	Ocean Pout	Haddock Otter Trawl	Tri-State Sector																		
9351	2013	Ocean Pout	Handline	Fixed Gear Sector																		
9352	2013	Ocean Pout	Handline	Maine Coast Community Sector																		
9353	2013	Ocean Pout	Handline	NCCS																		
9354	2013	Ocean Pout	Handline	NEFS 10																		
9355	2013	Ocean Pout	Handline	NEFS 11																		
9356	2013	Ocean Pout	Handline	NEFS 12																		
9357	2013	Ocean Pout	Handline	NEFS 13																		
9358	2013	Ocean Pout	Handline	NEFS 2																		
9359	2013	Ocean Pout	Handline	NEFS 3																		
9360	2013	Ocean Pout	Handline	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9361	2013	Ocean Pout	Handline	NEFS 6																		
9362	2013	Ocean Pout	Handline	NEFS 7																		
9363	2013	Ocean Pout	Handline	NEFS 8																		
9364	2013	Ocean Pout	Handline	NEFS 9																		
9365	2013	Ocean Pout	Handline	Port Clyde Community Groundfish Sector																		
9366	2013	Ocean Pout	Handline	Sustainable Harvest Sector 1																		
9367	2013	Ocean Pout	Handline	Tri-State Sector																		
9368	2013	Ocean Pout	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.00	0	0.00	0	1357550	357024.30	0.00	0	180.20	430	45.30	122
9369	2013	Ocean Pout	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.00	0	0.00	0	1191462	166868.60	0.00	0	420.80	614	52.00	87
9370	2013	Ocean Pout	Large Mesh Gillnet	NCCS																		
9371	2013	Ocean Pout	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.91	218	70.10	0	622240	119644.80	4.00	21	209.10	365	33.70	68
9372	2013	Ocean Pout	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.00	0	0.00	0	2090724	509839.80	0.00	0	535.50	1020	129.60	243
9373	2013	Ocean Pout	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.00	0	0.00	0	628742	129015.90	0.00	0	351.80	393	93.90	102
9374	2013	Ocean Pout	Large Mesh Gillnet	NEFS 13																		
9375	2013	Ocean Pout	Large Mesh Gillnet	NEFS 2																		
9376	2013	Ocean Pout	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.00	0	0.00	0	1019178	243376.20	0.00	0	422.60	773	93.30	181
9377	2013	Ocean Pout	Large Mesh Gillnet	NEFS 5																		
9378	2013	Ocean Pout	Large Mesh Gillnet	NEFS 6																		
9379	2013	Ocean Pout	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					0	57790	1050.60	0.00	0	56.00	67	2.80	3
9380	2013	Ocean Pout	Large Mesh Gillnet	NEFS 8																		
9381	2013	Ocean Pout	Large Mesh Gillnet	NEFS 9																		
9382	2013	Ocean Pout	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9383	2013	Ocean Pout	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.00	0	0.00	0	1110881	229651.70	0.00	0	589.90	692	107.20	129
9384	2013	Ocean Pout	Large Mesh Gillnet	Tri-State Sector																		
9385	2013	Ocean Pout	Ruhle Trawl	Fixed Gear Sector																		
9386	2013	Ocean Pout	Ruhle Trawl	Maine Coast Community Sector																		
9387	2013	Ocean Pout	Ruhle Trawl	NCCS																		
9388	2013	Ocean Pout	Ruhle Trawl	NEFS 10																		
9389	2013	Ocean Pout	Ruhle Trawl	NEFS 11																		
9390	2013	Ocean Pout	Ruhle Trawl	NEFS 12																		
9391	2013	Ocean Pout	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.03					0	44713	90.80	3.00	1477	36.90	41	10.30	11
9392	2013	Ocean Pout	Ruhle Trawl	NEFS 2																		
9393	2013	Ocean Pout	Ruhle Trawl	NEFS 3																		
9394	2013	Ocean Pout	Ruhle Trawl	NEFS 5																		
9395	2013	Ocean Pout	Ruhle Trawl	NEFS 6																		
9396	2013	Ocean Pout	Ruhle Trawl	NEFS 7																		
9397	2013	Ocean Pout	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
9398	2013	Ocean Pout	Ruhle Trawl	NEFS 9																		
9399	2013	Ocean Pout	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9400	2013	Ocean Pout	Ruhle Trawl	Sustainable Harvest Sector 1																		
9401	2013	Ocean Pout	Ruhle Trawl	Tri-State Sector																		
9402	2013	Plaice	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.00	0	0.00	3	57632	11015.30	0.00	0	27.30	41	1.50	4
9403	2013	Plaice	Bottom Longline	Maine Coast Community Sector																		
9404	2013	Plaice	Bottom Longline	NCCS																		
9405	2013	Plaice	Bottom Longline	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9406	2013	Plaice	Bottom Longline	NEFS 11																		
9407	2013	Plaice	Bottom Longline	NEFS 12																		
9408	2013	Plaice	Bottom Longline	NEFS 13																		
9409	2013	Plaice	Bottom Longline	NEFS 2																		
9410	2013	Plaice	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	0	48210	11520.90	0.00	0	40.00	81	10.80	22
9411	2013	Plaice	Bottom Longline	NEFS 5																		
9412	2013	Plaice	Bottom Longline	NEFS 6																		
9413	2013	Plaice	Bottom Longline	NEFS 7																		
9414	2013	Plaice	Bottom Longline	NEFS 8																		
9415	2013	Plaice	Bottom Longline	NEFS 9																		
9416	2013	Plaice	Bottom Longline	Port Clyde Community Groundfish Sector																		
9417	2013	Plaice	Bottom Longline	Sustainable Harvest Sector 1																		
9418	2013	Plaice	Bottom Longline	Tri-State Sector																		
9419	2013	Plaice	Bottom Otter Trawl	Fixed Gear Sector																		
9420	2013	Plaice	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.01	0.00	0.36	19	30.16	61085	194484	33030.80	319.00	1878	112.30	142	20.40	29
9421	2013	Plaice	Bottom Otter Trawl	NCCS																		
9422	2013	Plaice	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.04	0.00	0.17	19	7.09	17865	485892	80986.10	3094.00	18563	140.60	268	24.30	50
9423	2013	Plaice	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.03	0.00	0.42	18	26.47	2616	45629	3275.40	114.00	1588	28.00	68	3.50	10
9424	2013	Plaice	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.01	0.00	0.39	30	28.57	3360	127875	39845.10	323.00	1037	48.50	105	9.50	20
9425	2013	Plaice	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.60	177	48.90	32531	2642652	444794.30	617.00	3666	712.30	866	144.70	177
9426	2013	Plaice	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.01	0.00	0.17	77	6.25	341455	6821653	1546864.60	8772.00	38684	1537.80	2074	369.10	483
9427	2013	Plaice	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.01	0.00	0.27	23	21.90	4032	125148	29879.40	184.00	771	66.50	115	14.40	26
9428	2013	Plaice	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.82	587	66.33	0	5166469	1189565.70	23.00	100	571.50	956	128.90	210
9429	2013	Plaice	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.33	33	15.14	277067	3179673	462761.10	989.00	6796	606.10	651	144.50	160
9430	2013	Plaice	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.01	0.00	0.37	39	26.17	86805	1793081	291829.80	1482.00	9106	609.80	668	126.50	139
9431	2013	Plaice	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.39	37	19.47	44071	2167220	365730.70	750.00	4444	641.80	694	152.80	165
9432	2013	Plaice	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.19	43	5.14	343263	10947031	2027607.40	7772.00	41961	2583.30	2826	707.20	764
9433	2013	Plaice	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9434	2013	Plaice	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.10	25	1.50	1572013	21410961	3914988.70	16935.00	92617	4628.50	5084	1071.30	1174
9435	2013	Plaice	Bottom Otter Trawl	Tri-State Sector																		
9436	2013	Plaice	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.00	0	0.00	9	5219025	1052594.30	0.00	0	313.70	923	90.00	220
9437	2013	Plaice	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9438	2013	Plaice	Extra Large Mesh Gillnet	NCCS																		
9439	2013	Plaice	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
9440	2013	Plaice	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.63	47	90.38	6	70650	41672.70	1.00	2	29.70	52	19.20	34
9441	2013	Plaice	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						0	21529	0.00	0.00		28.00	34	0.00	0
9442	2013	Plaice	Extra Large Mesh Gillnet	NEFS 13																		
9443	2013	Plaice	Extra Large Mesh Gillnet	NEFS 2																		
9444	2013	Plaice	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.00	0.00	0.61	162	49.24	2170	880638	82238.20	2.00	21	325.00	506	52.70	89
9445	2013	Plaice	Extra Large Mesh Gillnet	NEFS 5																		
9446	2013	Plaice	Extra Large Mesh Gillnet	NEFS 6																		
9447	2013	Plaice	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	1.02	42	75.00	0	294470	72986.10	1.00	4	79.50	103	12.20	17
9448	2013	Plaice	Extra Large Mesh Gillnet	NEFS 8																		
9449	2013	Plaice	Extra Large Mesh Gillnet	NEFS 9																		
9450	2013	Plaice	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9451	2013	Plaice	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9452	2013	Plaice	Extra Large Mesh Gillnet	Tri-State Sector																		
9453	2013	Plaice	Haddock Otter Trawl	Fixed Gear Sector																		
9454	2013	Plaice	Haddock Otter Trawl	Maine Coast Community Sector																		
9455	2013	Plaice	Haddock Otter Trawl	NCCS																		
9456	2013	Plaice	Haddock Otter Trawl	NEFS 10																		
9457	2013	Plaice	Haddock Otter Trawl	NEFS 11																		
9458	2013	Plaice	Haddock Otter Trawl	NEFS 12																		
9459	2013	Plaice	Haddock Otter Trawl	NEFS 13																		
9460	2013	Plaice	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	0.54	11	30.56	6342	860226	90557.20	125.00	1187	129.90	142	22.50	25
9461	2013	Plaice	Haddock Otter Trawl	NEFS 3																		
9462	2013	Plaice	Haddock Otter Trawl	NEFS 5																		
9463	2013	Plaice	Haddock Otter Trawl	NEFS 6																		
9464	2013	Plaice	Haddock Otter Trawl	NEFS 7																		
9465	2013	Plaice	Haddock Otter Trawl	NEFS 8																		
9466	2013	Plaice	Haddock Otter Trawl	NEFS 9																		
9467	2013	Plaice	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9468	2013	Plaice	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.69	27	45.76	12647	928552	185051.90	402.00	2017	342.10	365	62.70	67
9469	2013	Plaice	Haddock Otter Trawl	Tri-State Sector																		
9470	2013	Plaice	Handline	Fixed Gear Sector																		
9471	2013	Plaice	Handline	Maine Coast Community Sector																		
9472	2013	Plaice	Handline	NCCS																		
9473	2013	Plaice	Handline	NEFS 10																		
9474	2013	Plaice	Handline	NEFS 11																		
9475	2013	Plaice	Handline	NEFS 12																		
9476	2013	Plaice	Handline	NEFS 13																		
9477	2013	Plaice	Handline	NEFS 2																		
9478	2013	Plaice	Handline	NEFS 3																		
9479	2013	Plaice	Handline	NEFS 5																		
9480	2013	Plaice	Handline	NEFS 6																		
9481	2013	Plaice	Handline	NEFS 7																		
9482	2013	Plaice	Handline	NEFS 8																		
9483	2013	Plaice	Handline	NEFS 9																		
9484	2013	Plaice	Handline	Port Clyde Community Groundfish Sector																		
9485	2013	Plaice	Handline	Sustainable Harvest Sector 1																		
9486	2013	Plaice	Handline	Tri-State Sector																		
9487	2013	Plaice	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.31	130	32.42	437	1357550	357024.30	11.00	42	180.20	430	45.30	122
9488	2013	Plaice	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.35	91	24.40	4813	1191462	166868.60	172.00	1228	420.80	614	52.00	87
9489	2013	Plaice	Large Mesh Gillnet	NCCS																		
9490	2013	Plaice	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.26	50	16.08	4368	622240	119644.80	40.00	208	209.10	365	33.70	68
9491	2013	Plaice	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.21	116	12.89	4460	2090724	509839.80	151.00	619	535.50	1020	129.60	243
9492	2013	Plaice	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.49	37	40.66	643	628742	129015.90	89.00	434	351.80	393	93.90	102
9493	2013	Plaice	Large Mesh Gillnet	NEFS 13																		
9494	2013	Plaice	Large Mesh Gillnet	NEFS 2																		
9495	2013	Plaice	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.19	74	11.86	11258	1019178	243376.20	402.00	1683	422.60	773	93.30	181

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9496	2013	Plaice	Large Mesh Gillnet	NEFS 5																		
9497	2013	Plaice	Large Mesh Gillnet	NEFS 6																		
9498	2013	Plaice	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					52	57790	1050.60	2.00	110	56.00	67	2.80	3
9499	2013	Plaice	Large Mesh Gillnet	NEFS 8																		
9500	2013	Plaice	Large Mesh Gillnet	NEFS 9																		
9501	2013	Plaice	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9502	2013	Plaice	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.32	47	20.26	1751	1110881	229651.70	82.00	397	589.90	692	107.20	129
9503	2013	Plaice	Large Mesh Gillnet	Tri-State Sector																		
9504	2013	Plaice	Ruhle Trawl	Fixed Gear Sector																		
9505	2013	Plaice	Ruhle Trawl	Maine Coast Community Sector																		
9506	2013	Plaice	Ruhle Trawl	NCCS																		
9507	2013	Plaice	Ruhle Trawl	NEFS 10																		
9508	2013	Plaice	Ruhle Trawl	NEFS 11																		
9509	2013	Plaice	Ruhle Trawl	NEFS 12																		
9510	2013	Plaice	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					382	44713	90.80	0.00	0	36.90	41	10.30	11
9511	2013	Plaice	Ruhle Trawl	NEFS 2																		
9512	2013	Plaice	Ruhle Trawl	NEFS 3																		
9513	2013	Plaice	Ruhle Trawl	NEFS 5																		
9514	2013	Plaice	Ruhle Trawl	NEFS 6																		
9515	2013	Plaice	Ruhle Trawl	NEFS 7																		
9516	2013	Plaice	Ruhle Trawl	NEFS 8	4	4	0	0.00						150	21318	0.00	0.00		26.60	28	0.00	0
9517	2013	Plaice	Ruhle Trawl	NEFS 9																		
9518	2013	Plaice	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9519	2013	Plaice	Ruhle Trawl	Sustainable Harvest Sector 1																		
9520	2013	Plaice	Ruhle Trawl	Tri-State Sector																		
9521	2013	Pollock	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	1.04	22	59.46	201	57632	11015.30	1.00	5	27.30	41	1.50	4
9522	2013	Pollock	Bottom Longline	Maine Coast Community Sector																		
9523	2013	Pollock	Bottom Longline	NCCS																		
9524	2013	Pollock	Bottom Longline	NEFS 10																		
9525	2013	Pollock	Bottom Longline	NEFS 11																		
9526	2013	Pollock	Bottom Longline	NEFS 12																		
9527	2013	Pollock	Bottom Longline	NEFS 13																		
9528	2013	Pollock	Bottom Longline	NEFS 2																		
9529	2013	Pollock	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.55	46	56.79	2301	48210	11520.90	9.00	38	40.00	81	10.80	22
9530	2013	Pollock	Bottom Longline	NEFS 5																		
9531	2013	Pollock	Bottom Longline	NEFS 6																		
9532	2013	Pollock	Bottom Longline	NEFS 7																		
9533	2013	Pollock	Bottom Longline	NEFS 8																		
9534	2013	Pollock	Bottom Longline	NEFS 9																		
9535	2013	Pollock	Bottom Longline	Port Clyde Community Groundfish Sector																		
9536	2013	Pollock	Bottom Longline	Sustainable Harvest Sector 1																		
9537	2013	Pollock	Bottom Longline	Tri-State Sector																		
9538	2013	Pollock	Bottom Otter Trawl	Fixed Gear Sector																		
9539	2013	Pollock	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.00	0	0.00	14479	194484	33030.80	0.00	0	112.30	142	20.40	29
9540	2013	Pollock	Bottom Otter Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9541	2013	Pollock	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.00	0	0.00	582	485892	80986.10	0.00	0	140.60	268	24.30	50
9542	2013	Pollock	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	1.03	46	67.65	540	45629	3275.40	1.00	14	28.00	68	3.50	10
9543	2013	Pollock	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.00	0	0.00	1055	127875	39845.10	0.00	0	48.50	105	9.50	20
9544	2013	Pollock	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.46	131	36.19	19224	2642652	444794.30	225.00	1337	712.30	866	144.70	177
9545	2013	Pollock	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.23	143	11.61	1787952	6820178	1546864.60	5542.00	24435	1537.80	2074	369.10	483
9546	2013	Pollock	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.00	0	0.00	475	125148	29879.40	0.00	0	66.50	115	14.40	26
9547	2013	Pollock	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.00	0	0.00	68	5166469	1189565.70	0.00	0	571.50	956	128.90	210
9548	2013	Pollock	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.61	83	38.07	472893	3179673	462761.10	167.00	1147	606.10	651	144.50	160
9549	2013	Pollock	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.71	85	57.05	5397	1793081	291829.80	13.00	80	609.80	668	126.50	139
9550	2013	Pollock	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.41	39	20.53	71242	2167220	365730.70	138.00	818	641.80	694	152.80	165
9551	2013	Pollock	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.22	57	6.81	530615	10947031	2027607.40	1606.00	8671	2583.30	2826	707.20	764
9552	2013	Pollock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9553	2013	Pollock	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.21	111	6.64	4140634	21499865	3914988.70	11172.00	61353	4628.50	5084	1071.30	1174
9554	2013	Pollock	Bottom Otter Trawl	Tri-State Sector																		
9555	2013	Pollock	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.48	383	41.77	1476	5219025	1052594.30	22.00	109	313.70	923	90.00	220
9556	2013	Pollock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9557	2013	Pollock	Extra Large Mesh Gillnet	NCCS																		
9558	2013	Pollock	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.88	17	85.00	151	28479	8328.30	14.00	48	12.90	23	4.10	7
9559	2013	Pollock	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.01	0.00	0.28	32	61.54	1207	70650	41672.70	245.00	415	29.70	52	19.20	34
9560	2013	Pollock	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						5731	21529	0.00	0.00		28.00	34	0.00	0
9561	2013	Pollock	Extra Large Mesh Gillnet	NEFS 13																		
9562	2013	Pollock	Extra Large Mesh Gillnet	NEFS 2																		
9563	2013	Pollock	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.01	0.00	0.27	54	16.41	108775	880638	82238.20	711.00	7614	325.00	506	52.70	89
9564	2013	Pollock	Extra Large Mesh Gillnet	NEFS 5																		
9565	2013	Pollock	Extra Large Mesh Gillnet	NEFS 6																		
9566	2013	Pollock	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.00	0	0.00	11	294470	72986.10	0.00	0	79.50	103	12.20	17
9567	2013	Pollock	Extra Large Mesh Gillnet	NEFS 8																		
9568	2013	Pollock	Extra Large Mesh Gillnet	NEFS 9																		
9569	2013	Pollock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9570	2013	Pollock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9571	2013	Pollock	Extra Large Mesh Gillnet	Tri-State Sector																		
9572	2013	Pollock	Haddock Otter Trawl	Fixed Gear Sector																		
9573	2013	Pollock	Haddock Otter Trawl	Maine Coast Community Sector																		
9574	2013	Pollock	Haddock Otter Trawl	NCCS																		
9575	2013	Pollock	Haddock Otter Trawl	NEFS 10																		
9576	2013	Pollock	Haddock Otter Trawl	NEFS 11																		
9577	2013	Pollock	Haddock Otter Trawl	NEFS 12																		
9578	2013	Pollock	Haddock Otter Trawl	NEFS 13																		
9579	2013	Pollock	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	0.82	18	50.00	130874	874222	90557.20	376.00	3630	129.90	142	22.50	25
9580	2013	Pollock	Haddock Otter Trawl	NEFS 3																		
9581	2013	Pollock	Haddock Otter Trawl	NEFS 5																		
9582	2013	Pollock	Haddock Otter Trawl	NEFS 6																		
9583	2013	Pollock	Haddock Otter Trawl	NEFS 7																		
9584	2013	Pollock	Haddock Otter Trawl	NEFS 8																		
9585	2013	Pollock	Haddock Otter Trawl	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9586	2013	Pollock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9587	2013	Pollock	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.01	0.00	0.93	36	61.02	41985	929912	185051.90	959.00	4819	342.10	365	62.70	67
9588	2013	Pollock	Haddock Otter Trawl	Tri-State Sector																		
9589	2013	Pollock	Handline	Fixed Gear Sector																		
9590	2013	Pollock	Handline	Maine Coast Community Sector																		
9591	2013	Pollock	Handline	NCCS																		
9592	2013	Pollock	Handline	NEFS 10																		
9593	2013	Pollock	Handline	NEFS 11																		
9594	2013	Pollock	Handline	NEFS 12																		
9595	2013	Pollock	Handline	NEFS 13																		
9596	2013	Pollock	Handline	NEFS 2																		
9597	2013	Pollock	Handline	NEFS 3																		
9598	2013	Pollock	Handline	NEFS 5																		
9599	2013	Pollock	Handline	NEFS 6																		
9600	2013	Pollock	Handline	NEFS 7																		
9601	2013	Pollock	Handline	NEFS 8																		
9602	2013	Pollock	Handline	NEFS 9																		
9603	2013	Pollock	Handline	Port Clyde Community Groundfish Sector																		
9604	2013	Pollock	Handline	Sustainable Harvest Sector 1																		
9605	2013	Pollock	Handline	Tri-State Sector																		
9606	2013	Pollock	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.01	0.00	0.17	50	12.47	190512	1357550	357024.30	2664.00	10130	180.20	430	45.30	122
9607	2013	Pollock	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.02	0.00	0.17	27	7.24	741908	1191462	166868.60	3378.00	24119	420.80	614	52.00	87
9608	2013	Pollock	Large Mesh Gillnet	NCCS																		
9609	2013	Pollock	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.49	127	40.84	34588	622240	119644.80	7.00	36	209.10	365	33.70	68
9610	2013	Pollock	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.01	0.00	0.13	47	5.22	1079300	2090724	509839.80	7613.00	31219	535.50	1020	129.60	243
9611	2013	Pollock	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.02	0.00	0.22	11	12.09	446429	628742	129015.90	2763.00	13465	351.80	393	93.90	102
9612	2013	Pollock	Large Mesh Gillnet	NEFS 13																		
9613	2013	Pollock	Large Mesh Gillnet	NEFS 2																		
9614	2013	Pollock	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.02	0.00	0.25	116	18.59	164370	1019178	243376.20	4115.00	17232	422.60	773	93.30	181
9615	2013	Pollock	Large Mesh Gillnet	NEFS 5																		
9616	2013	Pollock	Large Mesh Gillnet	NEFS 6																		
9617	2013	Pollock	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					7720	57790	1050.60	4.00	220	56.00	67	2.80	3
9618	2013	Pollock	Large Mesh Gillnet	NEFS 8																		
9619	2013	Pollock	Large Mesh Gillnet	NEFS 9																		
9620	2013	Pollock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9621	2013	Pollock	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.02	0.00	0.18	17	7.33	620209	1110881	229651.70	4768.00	23064	589.90	692	107.20	129
9622	2013	Pollock	Large Mesh Gillnet	Tri-State Sector																		
9623	2013	Pollock	Ruhle Trawl	Fixed Gear Sector																		
9624	2013	Pollock	Ruhle Trawl	Maine Coast Community Sector																		
9625	2013	Pollock	Ruhle Trawl	NCCS																		
9626	2013	Pollock	Ruhle Trawl	NEFS 10																		
9627	2013	Pollock	Ruhle Trawl	NEFS 11																		
9628	2013	Pollock	Ruhle Trawl	NEFS 12																		
9629	2013	Pollock	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					23	44713	90.80	0.00	0	36.90	41	10.30	11
9630	2013	Pollock	Ruhle Trawl	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9631	2013	Pollock	Ruhle Trawl	NEFS 3																		
9632	2013	Pollock	Ruhle Trawl	NEFS 5																		
9633	2013	Pollock	Ruhle Trawl	NEFS 6																		
9634	2013	Pollock	Ruhle Trawl	NEFS 7																		
9635	2013	Pollock	Ruhle Trawl	NEFS 8	4	4	0	0.00						1430	21318	0.00	0.00		26.60	28	0.00	0
9636	2013	Pollock	Ruhle Trawl	NEFS 9																		
9637	2013	Pollock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9638	2013	Pollock	Ruhle Trawl	Sustainable Harvest Sector 1																		
9639	2013	Pollock	Ruhle Trawl	Tri-State Sector																		
9640	2013	Redfish	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.00	0	0.00	71	57632	11015.30	0.00	0	27.30	41	1.50	4
9641	2013	Redfish	Bottom Longline	Maine Coast Community Sector																		
9642	2013	Redfish	Bottom Longline	NCCS																		
9643	2013	Redfish	Bottom Longline	NEFS 10																		
9644	2013	Redfish	Bottom Longline	NEFS 11																		
9645	2013	Redfish	Bottom Longline	NEFS 12																		
9646	2013	Redfish	Bottom Longline	NEFS 13																		
9647	2013	Redfish	Bottom Longline	NEFS 2																		
9648	2013	Redfish	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.87	62	76.54	100	48210	11520.90	3.00	13	40.00	81	10.80	22
9649	2013	Redfish	Bottom Longline	NEFS 5																		
9650	2013	Redfish	Bottom Longline	NEFS 6																		
9651	2013	Redfish	Bottom Longline	NEFS 7																		
9652	2013	Redfish	Bottom Longline	NEFS 8																		
9653	2013	Redfish	Bottom Longline	NEFS 9																		
9654	2013	Redfish	Bottom Longline	Port Clyde Community Groundfish Sector																		
9655	2013	Redfish	Bottom Longline	Sustainable Harvest Sector 1																		
9656	2013	Redfish	Bottom Longline	Tri-State Sector																		
9657	2013	Redfish	Bottom Otter Trawl	Fixed Gear Sector																		
9658	2013	Redfish	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.52	29	46.03	5014	194484	33030.80	94.00	553	112.30	142	20.40	29
9659	2013	Redfish	Bottom Otter Trawl	NCCS																		
9660	2013	Redfish	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.90	181	67.54	6	485892	80986.10	1.00	6	140.60	268	24.30	50
9661	2013	Redfish	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.68	33	48.53	17	45629	3275.40	7.00	98	28.00	68	3.50	10
9662	2013	Redfish	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.52	44	41.90	102	127875	39845.10	8.00	26	48.50	105	9.50	20
9663	2013	Redfish	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.87	241	66.57	10812	2642652	444794.30	149.00	885	712.30	866	144.70	177
9664	2013	Redfish	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.01	0.00	0.32	246	19.97	1615981	6821321	1546864.60	17058.00	75222	1537.80	2074	369.10	483
9665	2013	Redfish	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.46	46	43.81	254	125148	29879.40	16.00	67	66.50	115	14.40	26
9666	2013	Redfish	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.00	0	0.00	0	5166469	1189565.70	0.00	0	571.50	956	128.90	210
9667	2013	Redfish	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.42	50	22.94	1076815	3179673	462761.10	862.00	5923	606.10	651	144.50	160
9668	2013	Redfish	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.69	83	55.70	2796	1793081	291829.80	18.00	111	609.80	668	126.50	139
9669	2013	Redfish	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.38	35	18.42	35577	2167220	365730.70	281.00	1665	641.80	694	152.80	165
9670	2013	Redfish	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.03	0.00	0.45	195	23.30	1873482	10947031	2027607.40	63888.00	344931	2583.30	2826	707.20	764
9671	2013	Redfish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9672	2013	Redfish	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.02	0.00	0.19	93	5.57	3115746	21300831	3914988.70	64290.00	349792	4628.50	5084	1071.30	1174
9673	2013	Redfish	Bottom Otter Trawl	Tri-State Sector																		
9674	2013	Redfish	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.00	0	0.00	88	5219025	1052594.30	0.00	0	313.70	923	90.00	220
9675	2013	Redfish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9676	2013	Redfish	Extra Large Mesh Gillnet	NCCS																		
9677	2013	Redfish	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	28	28479	8328.30	0.00	0	12.90	23	4.10	7
9678	2013	Redfish	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.00	0	0.00	2	70650	41672.70	0.00	0	29.70	52	19.20	34
9679	2013	Redfish	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						8	21529	0.00	0.00		28.00	34	0.00	0
9680	2013	Redfish	Extra Large Mesh Gillnet	NEFS 13																		
9681	2013	Redfish	Extra Large Mesh Gillnet	NEFS 2																		
9682	2013	Redfish	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.00	0.00	0.00	0	0.00	3608	880638	82238.20	0.00	0	325.00	506	52.70	89
9683	2013	Redfish	Extra Large Mesh Gillnet	NEFS 5																		
9684	2013	Redfish	Extra Large Mesh Gillnet	NEFS 6																		
9685	2013	Redfish	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.00	0	0.00	0	294470	72986.10	0.00	0	79.50	103	12.20	17
9686	2013	Redfish	Extra Large Mesh Gillnet	NEFS 8																		
9687	2013	Redfish	Extra Large Mesh Gillnet	NEFS 9																		
9688	2013	Redfish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9689	2013	Redfish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9690	2013	Redfish	Extra Large Mesh Gillnet	Tri-State Sector																		
9691	2013	Redfish	Haddock Otter Trawl	Fixed Gear Sector																		
9692	2013	Redfish	Haddock Otter Trawl	Maine Coast Community Sector																		
9693	2013	Redfish	Haddock Otter Trawl	NCCS																		
9694	2013	Redfish	Haddock Otter Trawl	NEFS 10																		
9695	2013	Redfish	Haddock Otter Trawl	NEFS 11																		
9696	2013	Redfish	Haddock Otter Trawl	NEFS 12																		
9697	2013	Redfish	Haddock Otter Trawl	NEFS 13																		
9698	2013	Redfish	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.04	0.00	0.93	20	55.56	151514	807345	90557.20	3185.00	28395	129.90	142	22.50	25
9699	2013	Redfish	Haddock Otter Trawl	NEFS 3																		
9700	2013	Redfish	Haddock Otter Trawl	NEFS 5																		
9701	2013	Redfish	Haddock Otter Trawl	NEFS 6																		
9702	2013	Redfish	Haddock Otter Trawl	NEFS 7																		
9703	2013	Redfish	Haddock Otter Trawl	NEFS 8																		
9704	2013	Redfish	Haddock Otter Trawl	NEFS 9																		
9705	2013	Redfish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9706	2013	Redfish	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.74	29	49.15	89141	782021	185051.90	224.00	947	342.10	365	62.70	67
9707	2013	Redfish	Haddock Otter Trawl	Tri-State Sector																		
9708	2013	Redfish	Handline	Fixed Gear Sector																		
9709	2013	Redfish	Handline	Maine Coast Community Sector																		
9710	2013	Redfish	Handline	NCCS																		
9711	2013	Redfish	Handline	NEFS 10																		
9712	2013	Redfish	Handline	NEFS 11																		
9713	2013	Redfish	Handline	NEFS 12																		
9714	2013	Redfish	Handline	NEFS 13																		
9715	2013	Redfish	Handline	NEFS 2																		
9716	2013	Redfish	Handline	NEFS 3																		
9717	2013	Redfish	Handline	NEFS 5																		
9718	2013	Redfish	Handline	NEFS 6																		
9719	2013	Redfish	Handline	NEFS 7																		
9720	2013	Redfish	Handline	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9721	2013	Redfish	Handline	NEFS 9																		
9722	2013	Redfish	Handline	Port Clyde Community Groundfish Sector																		
9723	2013	Redfish	Handline	Sustainable Harvest Sector 1																		
9724	2013	Redfish	Handline	Tri-State Sector																		
9725	2013	Redfish	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.25	96	23.94	4352	1357550	357024.30	95.00	361	180.20	430	45.30	122
9726	2013	Redfish	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.64	190	50.94	15700	1191462	166868.60	48.00	343	420.80	614	52.00	87
9727	2013	Redfish	Large Mesh Gillnet	NCCS																		
9728	2013	Redfish	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.72	185	59.49	2777	622240	119644.80	4.00	21	209.10	365	33.70	68
9729	2013	Redfish	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.73	581	64.56	4076	2090724	509839.80	391.00	1603	535.50	1020	129.60	243
9730	2013	Redfish	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.38	26	28.57	21467	628742	129015.90	354.00	1725	351.80	393	93.90	102
9731	2013	Redfish	Large Mesh Gillnet	NEFS 13																		
9732	2013	Redfish	Large Mesh Gillnet	NEFS 2																		
9733	2013	Redfish	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.28	138	22.12	9339	1019178	243376.20	83.00	348	422.60	773	93.30	181
9734	2013	Redfish	Large Mesh Gillnet	NEFS 5																		
9735	2013	Redfish	Large Mesh Gillnet	NEFS 6																		
9736	2013	Redfish	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					706	57790	1050.60	0.00	0	56.00	67	2.80	3
9737	2013	Redfish	Large Mesh Gillnet	NEFS 8																		
9738	2013	Redfish	Large Mesh Gillnet	NEFS 9																		
9739	2013	Redfish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9740	2013	Redfish	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.51	91	39.22	41436	1110881	229651.70	327.00	1582	589.90	692	107.20	129
9741	2013	Redfish	Large Mesh Gillnet	Tri-State Sector																		
9742	2013	Redfish	Ruhle Trawl	Fixed Gear Sector																		
9743	2013	Redfish	Ruhle Trawl	Maine Coast Community Sector																		
9744	2013	Redfish	Ruhle Trawl	NCCS																		
9745	2013	Redfish	Ruhle Trawl	NEFS 10																		
9746	2013	Redfish	Ruhle Trawl	NEFS 11																		
9747	2013	Redfish	Ruhle Trawl	NEFS 12																		
9748	2013	Redfish	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					0	44713	90.80	0.00	0	36.90	41	10.30	11
9749	2013	Redfish	Ruhle Trawl	NEFS 2																		
9750	2013	Redfish	Ruhle Trawl	NEFS 3																		
9751	2013	Redfish	Ruhle Trawl	NEFS 5																		
9752	2013	Redfish	Ruhle Trawl	NEFS 6																		
9753	2013	Redfish	Ruhle Trawl	NEFS 7																		
9754	2013	Redfish	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
9755	2013	Redfish	Ruhle Trawl	NEFS 9																		
9756	2013	Redfish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9757	2013	Redfish	Ruhle Trawl	Sustainable Harvest Sector 1																		
9758	2013	Redfish	Ruhle Trawl	Tri-State Sector																		
9759	2013	SNE/MA Winter Flounder	Bottom Longline	Fixed Gear Sector	4	11	2	18.18	0.00	0.00	0.00	0	0.00	0	15570	7474.00	0.00	0	7.60	12	0.30	2
9760	2013	SNE/MA Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
9761	2013	SNE/MA Winter Flounder	Bottom Longline	NCCS																		
9762	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 10																		
9763	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 11																		
9764	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 12																		
9765	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9766	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 2																		
9767	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 3																		
9768	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 5																		
9769	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 6																		
9770	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 7																		
9771	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 8																		
9772	2013	SNE/MA Winter Flounder	Bottom Longline	NEFS 9																		
9773	2013	SNE/MA Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
9774	2013	SNE/MA Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
9775	2013	SNE/MA Winter Flounder	Bottom Longline	Tri-State Sector																		
9776	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
9777	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
9778	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NCCS																		
9779	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 10																		
9780	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 11																		
9781	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 12																		
9782	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 13	45	300	62	20.67	0.00	0.00	0.46	115	38.33	201007	1635417	290562.80	832.00	4683	441.00	575	94.40	122
9783	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 2	13	157	33	21.02	0.00	0.00	0.00	0	0.00	810	1746094	340019.80	0.00	0	837.50	916	196.50	214
9784	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 3																		
9785	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.31	189	21.36	325635	5166469	1189565.70	1124.00	4882	571.50	956	128.90	210
9786	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 6	6	62	17	27.42	0.00	0.00	0.00	0	0.00	2585	798868	124145.40	0.00	0	463.20	492	115.70	126
9787	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 7	13	67	12	17.91	0.00	0.00	0.46	24	35.82	17602	382507	61736.40	14.50	90	244.20	278	24.80	31
9788	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 8	11	86	16	18.60	0.00	0.00	0.52	35	40.70	152479	834249	180647.60	64.50	298	459.50	497	111.50	120
9789	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 9	56	335	77	22.99	0.00	0.00	0.61	186	55.52	376893	3223373	683345.40	210.00	991	1702.40	1878	556.20	604
9790	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9791	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	29	399	87	21.80	0.00	0.00	0.43	144	36.09	379826	4637707	736938.50	635.00	3996	2474.40	2664	580.90	625
9792	2013	SNE/MA Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
9793	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.76	592	64.56	131	5219025	1052594.30	18.00	89	313.70	923	90.00	220
9794	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9795	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
9796	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
9797	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	21010	24817.00	0.00	0	2.50	6	3.40	6
9798	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
9799	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
9800	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
9801	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	8	18	1	5.56	0.00					36	73380	3804.20	0.00	0	16.60	26	1.30	2
9802	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
9803	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
9804	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	3	48	10	20.83	0.00	0.00	0.00	0	0.00	0	275831	72932.30	0.00	0	40.70	60	9.30	14
9805	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
9806	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
9807	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9808	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9809	2013	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
9810	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9811	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
9812	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NCCS																		
9813	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 10																		
9814	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 11																		
9815	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 12																		
9816	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 13																		
9817	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 2																		
9818	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 3																		
9819	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 5																		
9820	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 6																		
9821	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 7																		
9822	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 8																		
9823	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 9																		
9824	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9825	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
9826	2013	SNE/MA Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
9827	2013	SNE/MA Winter Flounder	Handline	Fixed Gear Sector																		
9828	2013	SNE/MA Winter Flounder	Handline	Maine Coast Community Sector																		
9829	2013	SNE/MA Winter Flounder	Handline	NCCS																		
9830	2013	SNE/MA Winter Flounder	Handline	NEFS 10																		
9831	2013	SNE/MA Winter Flounder	Handline	NEFS 11																		
9832	2013	SNE/MA Winter Flounder	Handline	NEFS 12																		
9833	2013	SNE/MA Winter Flounder	Handline	NEFS 13																		
9834	2013	SNE/MA Winter Flounder	Handline	NEFS 2																		
9835	2013	SNE/MA Winter Flounder	Handline	NEFS 3																		
9836	2013	SNE/MA Winter Flounder	Handline	NEFS 5																		
9837	2013	SNE/MA Winter Flounder	Handline	NEFS 6																		
9838	2013	SNE/MA Winter Flounder	Handline	NEFS 7																		
9839	2013	SNE/MA Winter Flounder	Handline	NEFS 8																		
9840	2013	SNE/MA Winter Flounder	Handline	NEFS 9																		
9841	2013	SNE/MA Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
9842	2013	SNE/MA Winter Flounder	Handline	Sustainable Harvest Sector 1																		
9843	2013	SNE/MA Winter Flounder	Handline	Tri-State Sector																		
9844	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector	13	400	122	30.50	0.00	0.00	0.28	112	28.00	3403	1353286	357024.30	20.00	76	179.80	429	45.30	122
9845	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
9846	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NCCS																		
9847	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 10																		
9848	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 11																		
9849	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 12																		
9850	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 13																		
9851	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 2																		
9852	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 3	5	32	4	12.50	0.00	0.00	0.00	0	0.00	24	88268	903.50	0.00	0	70.70	87	1.60	4
9853	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 5																		
9854	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 6																		
9855	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 7	3	15	0	0.00						0	34069	0.00	0.00		18.40	26	0.00	0

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9856	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 8																		
9857	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 9																		
9858	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9859	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9860	2013	SNE/MA Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
9861	2013	SNE/MA Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
9862	2013	SNE/MA Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
9863	2013	SNE/MA Winter Flounder	Ruhle Trawl	NCCS																		
9864	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 10																		
9865	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 11																		
9866	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 12																		
9867	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 13	3	3	0	0.00						0	4129	0.00	0.00		9.20	10	0.00	0
9868	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 2																		
9869	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 3																		
9870	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 5																		
9871	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 6																		
9872	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 7																		
9873	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 8																		
9874	2013	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 9																		
9875	2013	SNE/MA Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9876	2013	SNE/MA Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
9877	2013	SNE/MA Winter Flounder	Ruhle Trawl	Tri-State Sector																		
9878	2013	SNE/MA Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
9879	2013	SNE/MA Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
9880	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NCCS																		
9881	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 10																		
9882	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 11																		
9883	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 12																		
9884	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 13																		
9885	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 2																		
9886	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 3																		
9887	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 5																		
9888	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 6																		
9889	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 7																		
9890	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 8																		
9891	2013	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 9																		
9892	2013	SNE/MA Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
9893	2013	SNE/MA Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
9894	2013	SNE/MA Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
9895	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
9896	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
9897	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
9898	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
9899	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
9900	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9901	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	42	288	57	19.79	0.01	0.00	0.50	116	40.28	218159	1417856	223740.40	2400.30	15211	365.60	493	63.40	88
9902	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 2																		
9903	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
9904	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.14	46	5.20	237504	5166469	1189565.70	1594.80	6926	571.50	956	128.90	210
9905	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 6																		
9906	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	10	44	10	22.73	0.00	0.00	0.53	22	50.00	10387	336634	48151.80	66.60	466	91.90	113	17.20	22
9907	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	7	20	4	20.00	0.00	0.00	0.80	13	65.00	28190	138248	29611.20	6.30	29	122.20	133	31.20	34
9908	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	36	129	25	19.38	0.00	0.00	0.56	59	45.74	60755	1310974	283140.20	144.90	671	492.10	561	147.20	163
9909	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
9910	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	6	55	6	10.91	0.01	0.00	0.36	9	16.36	41815	167921	36340.50	198.00	915	70.30	84	12.30	15
9911	2013	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
9912	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	6	29	23	79.31	0.00	0.00	0.47	27	93.10	0	185867	137659.00	1.80	2	23.50	35	28.60	42
9913	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
9914	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
9915	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
9916	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	21010	24817.00	0.00	0	2.50	6	3.40	6
9917	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
9918	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
9919	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
9920	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	7	17	1	5.88	0.00					119	73329	3804.20	0.00	0	15.90	25	1.30	2
9921	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
9922	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
9923	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	3	48	10	20.83	0.00	0.00	0.00	0	0.00	6	275831	72932.30	0.00	0	40.70	60	9.30	14
9924	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
9925	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
9926	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9927	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9928	2013	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
9929	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
9930	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
9931	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
9932	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
9933	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
9934	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
9935	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
9936	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
9937	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
9938	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
9939	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
9940	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
9941	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
9942	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
9943	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
9944	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
9945	2013	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9946	2013	SNE/MA Yellowtail Flounder	Handline	Fixed Gear Sector																		
9947	2013	SNE/MA Yellowtail Flounder	Handline	Maine Coast Community Sector																		
9948	2013	SNE/MA Yellowtail Flounder	Handline	NCCS																		
9949	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 10																		
9950	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 11																		
9951	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 12																		
9952	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 13																		
9953	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 2																		
9954	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 3																		
9955	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 5																		
9956	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 6																		
9957	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 7																		
9958	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 8																		
9959	2013	SNE/MA Yellowtail Flounder	Handline	NEFS 9																		
9960	2013	SNE/MA Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
9961	2013	SNE/MA Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
9962	2013	SNE/MA Yellowtail Flounder	Handline	Tri-State Sector																		
9963	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
9964	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
9965	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
9966	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
9967	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
9968	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
9969	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
9970	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
9971	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
9972	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
9973	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
9974	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
9975	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
9976	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
9977	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
9978	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
9979	2013	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
9980	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
9981	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
9982	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NCCS																		
9983	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
9984	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
9985	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
9986	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 13	3	3	0	0.00						460	4129	0.00	0.00		9.20	10	0.00	0
9987	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
9988	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
9989	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
9990	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
9991	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
9992	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
9993	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
9994	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
9995	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
9996	2013	SNE/MA Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
9997	2013	Southern Windowpane	Bottom Longline	Fixed Gear Sector																		
9998	2013	Southern Windowpane	Bottom Longline	Maine Coast Community Sector																		
9999	2013	Southern Windowpane	Bottom Longline	NCCS																		
10000	2013	Southern Windowpane	Bottom Longline	NEFS 10																		
10001	2013	Southern Windowpane	Bottom Longline	NEFS 11																		
10002	2013	Southern Windowpane	Bottom Longline	NEFS 12																		
10003	2013	Southern Windowpane	Bottom Longline	NEFS 13																		
10004	2013	Southern Windowpane	Bottom Longline	NEFS 2																		
10005	2013	Southern Windowpane	Bottom Longline	NEFS 3																		
10006	2013	Southern Windowpane	Bottom Longline	NEFS 5																		
10007	2013	Southern Windowpane	Bottom Longline	NEFS 6																		
10008	2013	Southern Windowpane	Bottom Longline	NEFS 7																		
10009	2013	Southern Windowpane	Bottom Longline	NEFS 8																		
10010	2013	Southern Windowpane	Bottom Longline	NEFS 9																		
10011	2013	Southern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
10012	2013	Southern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
10013	2013	Southern Windowpane	Bottom Longline	Tri-State Sector																		
10014	2013	Southern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
10015	2013	Southern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
10016	2013	Southern Windowpane	Bottom Otter Trawl	NCCS																		
10017	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 10																		
10018	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 11																		
10019	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 12																		
10020	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 13	42	288	57	19.79	0.05	0.00	0.16	20	6.94	0	1417856	223740.40	10545.00	66824	365.60	493	63.40	88
10021	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 2																		
10022	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 3																		
10023	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.02	0.00	0.08	16	1.81	0	5166469	1189565.70	23285.00	101130	571.50	956	128.90	210
10024	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 6																		
10025	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 7	10	44	10	22.73	0.01	0.00	0.37	14	31.82	0	336634	48151.80	502.00	3510	91.90	113	17.20	22
10026	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 8	7	20	4	20.00	0.01	0.00	0.88	14	70.00	0	138248	29611.20	205.00	957	122.20	133	31.20	34
10027	2013	Southern Windowpane	Bottom Otter Trawl	NEFS 9	36	129	25	19.38	0.01	0.00	0.70	73	56.59	0	1310974	283140.20	1883.00	8719	492.10	561	147.20	163
10028	2013	Southern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10029	2013	Southern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	6	55	6	10.91	0.06	0.00	0.35	8	14.55	0	167921	36340.50	2124.00	9815	70.30	84	12.30	15
10030	2013	Southern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
10031	2013	Southern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	6	29	23	79.31	0.00	0.00	0.00	0	0.00	0	185867	137659.00	0.00	0	23.50	35	28.60	42
10032	2013	Southern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10033	2013	Southern Windowpane	Extra Large Mesh Gillnet	NCCS																		
10034	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 10																		
10035	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 11	3	6	6	100.00	0.00	0.00	0.00	0	0.00	0	21010	24817.00	1.00	1	2.50	6	3.40	6

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10036	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
10037	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
10038	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
10039	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 3	7	17	1	5.88	0.00					0	73329	3804.20	0.00	0	15.90	25	1.30	2
10040	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
10041	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
10042	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 7	3	48	10	20.83	0.00	0.00	0.00	0	0.00	0	275831	72932.30	0.00	0	40.70	60	9.30	14
10043	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
10044	2013	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
10045	2013	Southern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10046	2013	Southern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10047	2013	Southern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
10048	2013	Southern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
10049	2013	Southern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
10050	2013	Southern Windowpane	Haddock Otter Trawl	NCCS																		
10051	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 10																		
10052	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 11																		
10053	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 12																		
10054	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 13																		
10055	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 2																		
10056	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 3																		
10057	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 5																		
10058	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 6																		
10059	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 7																		
10060	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 8																		
10061	2013	Southern Windowpane	Haddock Otter Trawl	NEFS 9																		
10062	2013	Southern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10063	2013	Southern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
10064	2013	Southern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
10065	2013	Southern Windowpane	Handline	Fixed Gear Sector																		
10066	2013	Southern Windowpane	Handline	Maine Coast Community Sector																		
10067	2013	Southern Windowpane	Handline	NCCS																		
10068	2013	Southern Windowpane	Handline	NEFS 10																		
10069	2013	Southern Windowpane	Handline	NEFS 11																		
10070	2013	Southern Windowpane	Handline	NEFS 12																		
10071	2013	Southern Windowpane	Handline	NEFS 13																		
10072	2013	Southern Windowpane	Handline	NEFS 2																		
10073	2013	Southern Windowpane	Handline	NEFS 3																		
10074	2013	Southern Windowpane	Handline	NEFS 5																		
10075	2013	Southern Windowpane	Handline	NEFS 6																		
10076	2013	Southern Windowpane	Handline	NEFS 7																		
10077	2013	Southern Windowpane	Handline	NEFS 8																		
10078	2013	Southern Windowpane	Handline	NEFS 9																		
10079	2013	Southern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
10080	2013	Southern Windowpane	Handline	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10081	2013	Southern Windowpane	Handline	Tri-State Sector																		
10082	2013	Southern Windowpane	Large Mesh Gillnet	Fixed Gear Sector																		
10083	2013	Southern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
10084	2013	Southern Windowpane	Large Mesh Gillnet	NCCS																		
10085	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 10																		
10086	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 11																		
10087	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 12																		
10088	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 13																		
10089	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 2																		
10090	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 3																		
10091	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 5																		
10092	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 6																		
10093	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 7																		
10094	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 8																		
10095	2013	Southern Windowpane	Large Mesh Gillnet	NEFS 9																		
10096	2013	Southern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10097	2013	Southern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10098	2013	Southern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
10099	2013	Southern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
10100	2013	Southern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
10101	2013	Southern Windowpane	Ruhle Trawl	NCCS																		
10102	2013	Southern Windowpane	Ruhle Trawl	NEFS 10																		
10103	2013	Southern Windowpane	Ruhle Trawl	NEFS 11																		
10104	2013	Southern Windowpane	Ruhle Trawl	NEFS 12																		
10105	2013	Southern Windowpane	Ruhle Trawl	NEFS 13	3	3	0	0.00						0	4129	0.00	0.00		9.20	10	0.00	0
10106	2013	Southern Windowpane	Ruhle Trawl	NEFS 2																		
10107	2013	Southern Windowpane	Ruhle Trawl	NEFS 3																		
10108	2013	Southern Windowpane	Ruhle Trawl	NEFS 5																		
10109	2013	Southern Windowpane	Ruhle Trawl	NEFS 6																		
10110	2013	Southern Windowpane	Ruhle Trawl	NEFS 7																		
10111	2013	Southern Windowpane	Ruhle Trawl	NEFS 8																		
10112	2013	Southern Windowpane	Ruhle Trawl	NEFS 9																		
10113	2013	Southern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10114	2013	Southern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
10115	2013	Southern Windowpane	Ruhle Trawl	Tri-State Sector																		
10116	2013	White Hake	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.00	0	0.00	124	57632	11015.30	0.00	0	27.30	41	1.50	4
10117	2013	White Hake	Bottom Longline	Maine Coast Community Sector																		
10118	2013	White Hake	Bottom Longline	NCCS																		
10119	2013	White Hake	Bottom Longline	NEFS 10																		
10120	2013	White Hake	Bottom Longline	NEFS 11																		
10121	2013	White Hake	Bottom Longline	NEFS 12																		
10122	2013	White Hake	Bottom Longline	NEFS 13																		
10123	2013	White Hake	Bottom Longline	NEFS 2																		
10124	2013	White Hake	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	25	48210	11520.90	0.00	0	40.00	81	10.80	22
10125	2013	White Hake	Bottom Longline	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10126	2013	White Hake	Bottom Longline	NEFS 6																		
10127	2013	White Hake	Bottom Longline	NEFS 7																		
10128	2013	White Hake	Bottom Longline	NEFS 8																		
10129	2013	White Hake	Bottom Longline	NEFS 9																		
10130	2013	White Hake	Bottom Longline	Port Clyde Community Groundfish Sector																		
10131	2013	White Hake	Bottom Longline	Sustainable Harvest Sector 1																		
10132	2013	White Hake	Bottom Longline	Tri-State Sector																		
10133	2013	White Hake	Bottom Otter Trawl	Fixed Gear Sector																		
10134	2013	White Hake	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.75	41	65.08	10518	194484	33030.80	1.00	6	112.30	142	20.40	29
10135	2013	White Hake	Bottom Otter Trawl	NCCS																		
10136	2013	White Hake	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.00	0	0.00	46	485892	80986.10	0.00	0	140.60	268	24.30	50
10137	2013	White Hake	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.00	0	0.00	4	45629	3275.40	0.00	0	28.00	68	3.50	10
10138	2013	White Hake	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.00	0	0.00	146	127875	39845.10	0.00	0	48.50	105	9.50	20
10139	2013	White Hake	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.73	211	58.29	17637	2642652	444794.30	39.00	232	712.30	866	144.70	177
10140	2013	White Hake	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.69	653	53.00	389600	6822954	1546864.60	815.00	3595	1537.80	2074	369.10	483
10141	2013	White Hake	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.00	0	0.00	395	125148	29879.40	0.00	0	66.50	115	14.40	26
10142	2013	White Hake	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.57	435	49.15	68	5166469	1189565.70	26.00	113	571.50	956	128.90	210
10143	2013	White Hake	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.70	97	44.50	279993	3179673	462761.10	57.00	392	606.10	651	144.50	160
10144	2013	White Hake	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.54	65	43.62	18669	1793081	291829.80	211.00	1296	609.80	668	126.50	139
10145	2013	White Hake	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.60	68	35.79	23437	2167220	365730.70	177.00	1049	641.80	694	152.80	165
10146	2013	White Hake	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.36	137	16.37	365797	10947031	2027607.40	1662.00	8973	2583.30	2826	707.20	764
10147	2013	White Hake	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10148	2013	White Hake	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.56	551	32.97	2310609	21367774	3914988.70	717.00	3913	4628.50	5084	1071.30	1174
10149	2013	White Hake	Bottom Otter Trawl	Tri-State Sector																		
10150	2013	White Hake	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.89	652	71.10	610	5219025	1052594.30	43.00	213	313.70	923	90.00	220
10151	2013	White Hake	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10152	2013	White Hake	Extra Large Mesh Gillnet	NCCS																		
10153	2013	White Hake	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
10154	2013	White Hake	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.44	41	78.85	137	70650	41672.70	12.00	20	29.70	52	19.20	34
10155	2013	White Hake	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						917	21529	0.00	0.00		28.00	34	0.00	0
10156	2013	White Hake	Extra Large Mesh Gillnet	NEFS 13																		
10157	2013	White Hake	Extra Large Mesh Gillnet	NEFS 2																		
10158	2013	White Hake	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.01	0.00	0.30	63	19.15	108777	880638	82238.20	485.00	5194	325.00	506	52.70	89
10159	2013	White Hake	Extra Large Mesh Gillnet	NEFS 5																		
10160	2013	White Hake	Extra Large Mesh Gillnet	NEFS 6																		
10161	2013	White Hake	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	1.02	42	75.00	0	294470	72986.10	12.00	48	79.50	103	12.20	17
10162	2013	White Hake	Extra Large Mesh Gillnet	NEFS 8																		
10163	2013	White Hake	Extra Large Mesh Gillnet	NEFS 9																		
10164	2013	White Hake	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10165	2013	White Hake	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10166	2013	White Hake	Extra Large Mesh Gillnet	Tri-State Sector																		
10167	2013	White Hake	Haddock Otter Trawl	Fixed Gear Sector																		
10168	2013	White Hake	Haddock Otter Trawl	Maine Coast Community Sector																		
10169	2013	White Hake	Haddock Otter Trawl	NCCS																		
10170	2013	White Hake	Haddock Otter Trawl	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10171	2013	White Hake	Haddock Otter Trawl	NEFS 11																		
10172	2013	White Hake	Haddock Otter Trawl	NEFS 12																		
10173	2013	White Hake	Haddock Otter Trawl	NEFS 13																		
10174	2013	White Hake	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	0.89	19	52.78	25540	885122	90557.20	13.00	127	129.90	142	22.50	25
10175	2013	White Hake	Haddock Otter Trawl	NEFS 3																		
10176	2013	White Hake	Haddock Otter Trawl	NEFS 5																		
10177	2013	White Hake	Haddock Otter Trawl	NEFS 6																		
10178	2013	White Hake	Haddock Otter Trawl	NEFS 7																		
10179	2013	White Hake	Haddock Otter Trawl	NEFS 8																		
10180	2013	White Hake	Haddock Otter Trawl	NEFS 9																		
10181	2013	White Hake	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10182	2013	White Hake	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.63	25	42.37	18650	829371	185051.90	3.00	13	342.10	365	62.70	67
10183	2013	White Hake	Haddock Otter Trawl	Tri-State Sector																		
10184	2013	White Hake	Handline	Fixed Gear Sector																		
10185	2013	White Hake	Handline	Maine Coast Community Sector																		
10186	2013	White Hake	Handline	NCCS																		
10187	2013	White Hake	Handline	NEFS 10																		
10188	2013	White Hake	Handline	NEFS 11																		
10189	2013	White Hake	Handline	NEFS 12																		
10190	2013	White Hake	Handline	NEFS 13																		
10191	2013	White Hake	Handline	NEFS 2																		
10192	2013	White Hake	Handline	NEFS 3																		
10193	2013	White Hake	Handline	NEFS 5																		
10194	2013	White Hake	Handline	NEFS 6																		
10195	2013	White Hake	Handline	NEFS 7																		
10196	2013	White Hake	Handline	NEFS 8																		
10197	2013	White Hake	Handline	NEFS 9																		
10198	2013	White Hake	Handline	Port Clyde Community Groundfish Sector																		
10199	2013	White Hake	Handline	Sustainable Harvest Sector 1																		
10200	2013	White Hake	Handline	Tri-State Sector																		
10201	2013	White Hake	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.27	107	26.68	34036	1357550	357024.30	419.00	1593	180.20	430	45.30	122
10202	2013	White Hake	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.01	0.00	0.20	36	9.65	210766	1191462	166868.60	979.00	6990	420.80	614	52.00	87
10203	2013	White Hake	Large Mesh Gillnet	NCCS																		
10204	2013	White Hake	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.00	0	0.00	3750	622240	119644.80	0.00	0	209.10	365	33.70	68
10205	2013	White Hake	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.20	108	12.00	117255	2090724	509839.80	575.00	2358	535.50	1020	129.60	243
10206	2013	White Hake	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.01	0.00	0.38	26	28.57	108202	628742	129015.90	1379.00	6720	351.80	393	93.90	102
10207	2013	White Hake	Large Mesh Gillnet	NEFS 13																		
10208	2013	White Hake	Large Mesh Gillnet	NEFS 2																		
10209	2013	White Hake	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.24	110	17.63	127746	1019178	243376.20	651.00	2726	422.60	773	93.30	181
10210	2013	White Hake	Large Mesh Gillnet	NEFS 5																		
10211	2013	White Hake	Large Mesh Gillnet	NEFS 6																		
10212	2013	White Hake	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.08					6208	57790	1050.60	86.00	4731	56.00	67	2.80	3
10213	2013	White Hake	Large Mesh Gillnet	NEFS 8																		
10214	2013	White Hake	Large Mesh Gillnet	NEFS 9																		
10215	2013	White Hake	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10216	2013	White Hake	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.26	33	14.22	281081	1110881	229651.70	1096.00	5302	589.90	692	107.20	129
10217	2013	White Hake	Large Mesh Gillnet	Tri-State Sector																		
10218	2013	White Hake	Ruhle Trawl	Fixed Gear Sector																		
10219	2013	White Hake	Ruhle Trawl	Maine Coast Community Sector																		
10220	2013	White Hake	Ruhle Trawl	NCCS																		
10221	2013	White Hake	Ruhle Trawl	NEFS 10																		
10222	2013	White Hake	Ruhle Trawl	NEFS 11																		
10223	2013	White Hake	Ruhle Trawl	NEFS 12																		
10224	2013	White Hake	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					16	44713	90.80	0.00	0	36.90	41	10.30	11
10225	2013	White Hake	Ruhle Trawl	NEFS 2																		
10226	2013	White Hake	Ruhle Trawl	NEFS 3																		
10227	2013	White Hake	Ruhle Trawl	NEFS 5																		
10228	2013	White Hake	Ruhle Trawl	NEFS 6																		
10229	2013	White Hake	Ruhle Trawl	NEFS 7																		
10230	2013	White Hake	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
10231	2013	White Hake	Ruhle Trawl	NEFS 9																		
10232	2013	White Hake	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10233	2013	White Hake	Ruhle Trawl	Sustainable Harvest Sector 1																		
10234	2013	White Hake	Ruhle Trawl	Tri-State Sector																		
10235	2013	Witch Flounder	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	0.00	0	0.00	0	57632	11015.30	0.00	0	27.30	41	1.50	4
10236	2013	Witch Flounder	Bottom Longline	Maine Coast Community Sector																		
10237	2013	Witch Flounder	Bottom Longline	NCCS																		
10238	2013	Witch Flounder	Bottom Longline	NEFS 10																		
10239	2013	Witch Flounder	Bottom Longline	NEFS 11																		
10240	2013	Witch Flounder	Bottom Longline	NEFS 12																		
10241	2013	Witch Flounder	Bottom Longline	NEFS 13																		
10242	2013	Witch Flounder	Bottom Longline	NEFS 2																		
10243	2013	Witch Flounder	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.00	0	0.00	0	48210	11520.90	0.00	0	40.00	81	10.80	22
10244	2013	Witch Flounder	Bottom Longline	NEFS 5																		
10245	2013	Witch Flounder	Bottom Longline	NEFS 6																		
10246	2013	Witch Flounder	Bottom Longline	NEFS 7																		
10247	2013	Witch Flounder	Bottom Longline	NEFS 8																		
10248	2013	Witch Flounder	Bottom Longline	NEFS 9																		
10249	2013	Witch Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
10250	2013	Witch Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
10251	2013	Witch Flounder	Bottom Longline	Tri-State Sector																		
10252	2013	Witch Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
10253	2013	Witch Flounder	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.01	0.00	0.38	20	31.75	34678	194484	33030.80	462.00	2720	112.30	142	20.40	29
10254	2013	Witch Flounder	Bottom Otter Trawl	NCCS																		
10255	2013	Witch Flounder	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.26	40	14.93	43028	485892	80986.10	27.00	162	140.60	268	24.30	50
10256	2013	Witch Flounder	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.53	24	35.29	2575	45629	3275.40	10.00	139	28.00	68	3.50	10
10257	2013	Witch Flounder	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.46	38	36.19	4673	127875	39845.10	18.00	58	48.50	105	9.50	20
10258	2013	Witch Flounder	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.36	93	25.69	16940	2642652	444794.30	360.00	2139	712.30	866	144.70	177
10259	2013	Witch Flounder	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.15	67	5.44	284128	6802109	1546864.60	1103.00	4850	1537.80	2074	369.10	483
10260	2013	Witch Flounder	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.44	44	41.90	6850	125148	29879.40	10.00	42	66.50	115	14.40	26

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10261	2013	Witch Flounder	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.37	251	28.36	4249	5166469	1189565.70	373.00	1620	571.50	956	128.90	210
10262	2013	Witch Flounder	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.37	41	18.81	107389	3179673	462761.10	248.00	1704	606.10	651	144.50	160
10263	2013	Witch Flounder	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.25	21	14.09	40769	1793081	291829.80	394.00	2421	609.80	668	126.50	139
10264	2013	Witch Flounder	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.30	23	12.11	22956	2167220	365730.70	269.00	1594	641.80	694	152.80	165
10265	2013	Witch Flounder	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.15	30	3.58	132251	10947041	2027607.40	4504.00	24317	2583.30	2826	707.20	764
10266	2013	Witch Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10267	2013	Witch Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.11	32	1.92	544472	21370577	3914988.70	8261.00	45094	4628.50	5084	1071.30	1174
10268	2013	Witch Flounder	Bottom Otter Trawl	Tri-State Sector																		
10269	2013	Witch Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.00	0	0.00	91	5219025	1052594.30	0.00	0	313.70	923	90.00	220
10270	2013	Witch Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10271	2013	Witch Flounder	Extra Large Mesh Gillnet	NCCS																		
10272	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	2	28479	8328.30	0.00	0	12.90	23	4.10	7
10273	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.00	0	0.00	14	70650	41672.70	0.00	0	29.70	52	19.20	34
10274	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						0	21529	0.00	0.00		28.00	34	0.00	0
10275	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 13																		
10276	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 2																		
10277	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.00	0.00	0.00	0	0.00	11684	880638	82238.20	0.00	0	325.00	506	52.70	89
10278	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 5																		
10279	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 6																		
10280	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.00	0	0.00	0	294470	72986.10	0.00	0	79.50	103	12.20	17
10281	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 8																		
10282	2013	Witch Flounder	Extra Large Mesh Gillnet	NEFS 9																		
10283	2013	Witch Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10284	2013	Witch Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10285	2013	Witch Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
10286	2013	Witch Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
10287	2013	Witch Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
10288	2013	Witch Flounder	Haddock Otter Trawl	NCCS																		
10289	2013	Witch Flounder	Haddock Otter Trawl	NEFS 10																		
10290	2013	Witch Flounder	Haddock Otter Trawl	NEFS 11																		
10291	2013	Witch Flounder	Haddock Otter Trawl	NEFS 12																		
10292	2013	Witch Flounder	Haddock Otter Trawl	NEFS 13																		
10293	2013	Witch Flounder	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.00	0.00	0.66	14	38.89	11005	816299	90557.20	56.00	505	129.90	142	22.50	25
10294	2013	Witch Flounder	Haddock Otter Trawl	NEFS 3																		
10295	2013	Witch Flounder	Haddock Otter Trawl	NEFS 5																		
10296	2013	Witch Flounder	Haddock Otter Trawl	NEFS 6																		
10297	2013	Witch Flounder	Haddock Otter Trawl	NEFS 7																		
10298	2013	Witch Flounder	Haddock Otter Trawl	NEFS 8																		
10299	2013	Witch Flounder	Haddock Otter Trawl	NEFS 9																		
10300	2013	Witch Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10301	2013	Witch Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.48	18	30.51	7197	866510	185051.90	28.00	131	342.10	365	62.70	67
10302	2013	Witch Flounder	Haddock Otter Trawl	Tri-State Sector																		
10303	2013	Witch Flounder	Handline	Fixed Gear Sector																		
10304	2013	Witch Flounder	Handline	Maine Coast Community Sector																		
10305	2013	Witch Flounder	Handline	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10306	2013	Witch Flounder	Handline	NEFS 10																		
10307	2013	Witch Flounder	Handline	NEFS 11																		
10308	2013	Witch Flounder	Handline	NEFS 12																		
10309	2013	Witch Flounder	Handline	NEFS 13																		
10310	2013	Witch Flounder	Handline	NEFS 2																		
10311	2013	Witch Flounder	Handline	NEFS 3																		
10312	2013	Witch Flounder	Handline	NEFS 5																		
10313	2013	Witch Flounder	Handline	NEFS 6																		
10314	2013	Witch Flounder	Handline	NEFS 7																		
10315	2013	Witch Flounder	Handline	NEFS 8																		
10316	2013	Witch Flounder	Handline	NEFS 9																		
10317	2013	Witch Flounder	Handline	Port Clyde Community Groundfish Sector																		
10318	2013	Witch Flounder	Handline	Sustainable Harvest Sector 1																		
10319	2013	Witch Flounder	Handline	Tri-State Sector																		
10320	2013	Witch Flounder	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.37	162	40.40	160	1357550	357024.30	10.00	38	180.20	430	45.30	122
10321	2013	Witch Flounder	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.32	78	20.91	707	1191462	166868.60	9.00	64	420.80	614	52.00	87
10322	2013	Witch Flounder	Large Mesh Gillnet	NCCS																		
10323	2013	Witch Flounder	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.53	138	44.37	3363	622240	119644.80	6.00	31	209.10	365	33.70	68
10324	2013	Witch Flounder	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.23	138	15.33	2437	2090724	509839.80	24.00	98	535.50	1020	129.60	243
10325	2013	Witch Flounder	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.39	27	29.67	199	628742	129015.90	13.00	63	351.80	393	93.90	102
10326	2013	Witch Flounder	Large Mesh Gillnet	NEFS 13																		
10327	2013	Witch Flounder	Large Mesh Gillnet	NEFS 2																		
10328	2013	Witch Flounder	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.41	237	37.98	3225	1019178	243376.20	13.00	54	422.60	773	93.30	181
10329	2013	Witch Flounder	Large Mesh Gillnet	NEFS 5																		
10330	2013	Witch Flounder	Large Mesh Gillnet	NEFS 6																		
10331	2013	Witch Flounder	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					85	57790	1050.60	0.00	0	56.00	67	2.80	3
10332	2013	Witch Flounder	Large Mesh Gillnet	NEFS 8																		
10333	2013	Witch Flounder	Large Mesh Gillnet	NEFS 9																		
10334	2013	Witch Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10335	2013	Witch Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.32	48	20.69	370	1110881	229651.70	14.00	68	589.90	692	107.20	129
10336	2013	Witch Flounder	Large Mesh Gillnet	Tri-State Sector																		
10337	2013	Witch Flounder	Ruhle Trawl	Fixed Gear Sector																		
10338	2013	Witch Flounder	Ruhle Trawl	Maine Coast Community Sector																		
10339	2013	Witch Flounder	Ruhle Trawl	NCCS																		
10340	2013	Witch Flounder	Ruhle Trawl	NEFS 10																		
10341	2013	Witch Flounder	Ruhle Trawl	NEFS 11																		
10342	2013	Witch Flounder	Ruhle Trawl	NEFS 12																		
10343	2013	Witch Flounder	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					207	44713	90.80	0.00	0	36.90	41	10.30	11
10344	2013	Witch Flounder	Ruhle Trawl	NEFS 2																		
10345	2013	Witch Flounder	Ruhle Trawl	NEFS 3																		
10346	2013	Witch Flounder	Ruhle Trawl	NEFS 5																		
10347	2013	Witch Flounder	Ruhle Trawl	NEFS 6																		
10348	2013	Witch Flounder	Ruhle Trawl	NEFS 7																		
10349	2013	Witch Flounder	Ruhle Trawl	NEFS 8	4	4	0	0.00						350	21318	0.00	0.00		26.60	28	0.00	0
10350	2013	Witch Flounder	Ruhle Trawl	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10351	2013	Witch Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10352	2013	Witch Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
10353	2013	Witch Flounder	Ruhle Trawl	Tri-State Sector																		
10354	2013	Wolffish	Bottom Longline	Fixed Gear Sector	11	37	4	10.81	0.00	0.00	1.04	22	59.46	0	57632	11015.30	6.00	31	27.30	41	1.50	4
10355	2013	Wolffish	Bottom Longline	Maine Coast Community Sector																		
10356	2013	Wolffish	Bottom Longline	NCCS																		
10357	2013	Wolffish	Bottom Longline	NEFS 10																		
10358	2013	Wolffish	Bottom Longline	NEFS 11																		
10359	2013	Wolffish	Bottom Longline	NEFS 12																		
10360	2013	Wolffish	Bottom Longline	NEFS 13																		
10361	2013	Wolffish	Bottom Longline	NEFS 2																		
10362	2013	Wolffish	Bottom Longline	NEFS 3	5	81	22	27.16	0.00	0.00	0.30	22	27.16	0	48210	11520.90	45.00	188	40.00	81	10.80	22
10363	2013	Wolffish	Bottom Longline	NEFS 5																		
10364	2013	Wolffish	Bottom Longline	NEFS 6																		
10365	2013	Wolffish	Bottom Longline	NEFS 7																		
10366	2013	Wolffish	Bottom Longline	NEFS 8																		
10367	2013	Wolffish	Bottom Longline	NEFS 9																		
10368	2013	Wolffish	Bottom Longline	Port Clyde Community Groundfish Sector																		
10369	2013	Wolffish	Bottom Longline	Sustainable Harvest Sector 1																		
10370	2013	Wolffish	Bottom Longline	Tri-State Sector																		
10371	2013	Wolffish	Bottom Otter Trawl	Fixed Gear Sector																		
10372	2013	Wolffish	Bottom Otter Trawl	Maine Coast Community Sector	9	63	14	22.22	0.00	0.00	0.32	16	25.40	0	194484	33030.80	48.00	283	112.30	142	20.40	29
10373	2013	Wolffish	Bottom Otter Trawl	NCCS																		
10374	2013	Wolffish	Bottom Otter Trawl	NEFS 10	9	268	50	18.66	0.00	0.00	0.35	66	24.63	0	485892	80986.10	159.00	954	140.60	268	24.30	50
10375	2013	Wolffish	Bottom Otter Trawl	NEFS 11	4	68	10	14.71	0.00	0.00	0.00	0	0.00	0	45629	3275.40	0.00	0	28.00	68	3.50	10
10376	2013	Wolffish	Bottom Otter Trawl	NEFS 12	3	105	20	19.05	0.00	0.00	0.87	70	66.67	0	127875	39845.10	11.00	35	48.50	105	9.50	20
10377	2013	Wolffish	Bottom Otter Trawl	NEFS 13	58	362	69	19.06	0.00	0.00	0.51	147	40.61	0	2642652	444794.30	328.00	1949	712.30	866	144.70	177
10378	2013	Wolffish	Bottom Otter Trawl	NEFS 2	83	1232	218	17.69	0.00	0.00	0.20	111	9.01	0	6697780	1546864.60	1851.00	8015	1537.80	2074	369.10	483
10379	2013	Wolffish	Bottom Otter Trawl	NEFS 3	3	105	26	24.76	0.00	0.00	0.00	0	0.00	0	125148	29879.40	0.00	0	66.50	115	14.40	26
10380	2013	Wolffish	Bottom Otter Trawl	NEFS 5	50	885	184	20.79	0.00	0.00	0.00	0	0.00	0	5166469	1189565.70	0.00	0	571.50	956	128.90	210
10381	2013	Wolffish	Bottom Otter Trawl	NEFS 6	24	218	28	12.84	0.00	0.00	0.64	89	40.83	0	3179673	462761.10	38.00	261	606.10	651	144.50	160
10382	2013	Wolffish	Bottom Otter Trawl	NEFS 7	22	149	28	18.79	0.00	0.00	0.47	54	36.24	0	1793081	291829.80	323.00	1985	609.80	668	126.50	139
10383	2013	Wolffish	Bottom Otter Trawl	NEFS 8	25	190	23	12.11	0.00	0.00	0.42	42	22.11	0	2167220	365730.70	535.00	3170	641.80	694	152.80	165
10384	2013	Wolffish	Bottom Otter Trawl	NEFS 9	134	837	100	11.95	0.00	0.00	0.27	81	9.68	0	10947031	2027607.40	1215.00	6560	2583.30	2826	707.20	764
10385	2013	Wolffish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10386	2013	Wolffish	Bottom Otter Trawl	Sustainable Harvest Sector 1	166	1671	206	12.33	0.00	0.00	0.22	118	7.06	0	21220170	3914988.70	1321.00	7160	4628.50	5084	1071.30	1174
10387	2013	Wolffish	Bottom Otter Trawl	Tri-State Sector																		
10388	2013	Wolffish	Extra Large Mesh Gillnet	Fixed Gear Sector	19	917	201	21.92	0.00	0.00	0.89	652	71.10	0	5219025	1052594.30	27.00	134	313.70	923	90.00	220
10389	2013	Wolffish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10390	2013	Wolffish	Extra Large Mesh Gillnet	NCCS																		
10391	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 10	3	20	7	35.00	0.00	0.00	0.00	0	0.00	0	28479	8328.30	0.00	0	12.90	23	4.10	7
10392	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 11	6	52	33	63.46	0.00	0.00	0.00	0	0.00	0	70650	41672.70	0.00	0	29.70	52	19.20	34
10393	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 12	3	7	0	0.00						0	21529	0.00	0.00		28.00	34	0.00	0
10394	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 13																		
10395	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10396	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 3	19	329	63	19.15	0.00	0.00	0.87	220	66.87	0	880638	82238.20	14.00	150	325.00	506	52.70	89
10397	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 5																		
10398	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 6																		
10399	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 7	6	56	11	19.64	0.00	0.00	0.00	0	0.00	0	294470	72986.10	0.00	0	79.50	103	12.20	17
10400	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 8																		
10401	2013	Wolffish	Extra Large Mesh Gillnet	NEFS 9																		
10402	2013	Wolffish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10403	2013	Wolffish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10404	2013	Wolffish	Extra Large Mesh Gillnet	Tri-State Sector																		
10405	2013	Wolffish	Haddock Otter Trawl	Fixed Gear Sector																		
10406	2013	Wolffish	Haddock Otter Trawl	Maine Coast Community Sector																		
10407	2013	Wolffish	Haddock Otter Trawl	NCCS																		
10408	2013	Wolffish	Haddock Otter Trawl	NEFS 10																		
10409	2013	Wolffish	Haddock Otter Trawl	NEFS 11																		
10410	2013	Wolffish	Haddock Otter Trawl	NEFS 12																		
10411	2013	Wolffish	Haddock Otter Trawl	NEFS 13																		
10412	2013	Wolffish	Haddock Otter Trawl	NEFS 2	5	36	4	11.11	0.01	0.00	0.32	5	13.89	0	736533	90557.20	492.00	4002	129.90	142	22.50	25
10413	2013	Wolffish	Haddock Otter Trawl	NEFS 3																		
10414	2013	Wolffish	Haddock Otter Trawl	NEFS 5																		
10415	2013	Wolffish	Haddock Otter Trawl	NEFS 6																		
10416	2013	Wolffish	Haddock Otter Trawl	NEFS 7																		
10417	2013	Wolffish	Haddock Otter Trawl	NEFS 8																		
10418	2013	Wolffish	Haddock Otter Trawl	NEFS 9																		
10419	2013	Wolffish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10420	2013	Wolffish	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	59	8	13.56	0.00	0.00	0.00	0	0.00	0	739113	185051.90	0.00	0	342.10	365	62.70	67
10421	2013	Wolffish	Haddock Otter Trawl	Tri-State Sector																		
10422	2013	Wolffish	Handline	Fixed Gear Sector																		
10423	2013	Wolffish	Handline	Maine Coast Community Sector																		
10424	2013	Wolffish	Handline	NCCS																		
10425	2013	Wolffish	Handline	NEFS 10																		
10426	2013	Wolffish	Handline	NEFS 11																		
10427	2013	Wolffish	Handline	NEFS 12																		
10428	2013	Wolffish	Handline	NEFS 13																		
10429	2013	Wolffish	Handline	NEFS 2																		
10430	2013	Wolffish	Handline	NEFS 3																		
10431	2013	Wolffish	Handline	NEFS 5																		
10432	2013	Wolffish	Handline	NEFS 6																		
10433	2013	Wolffish	Handline	NEFS 7																		
10434	2013	Wolffish	Handline	NEFS 8																		
10435	2013	Wolffish	Handline	NEFS 9																		
10436	2013	Wolffish	Handline	Port Clyde Community Groundfish Sector																		
10437	2013	Wolffish	Handline	Sustainable Harvest Sector 1																		
10438	2013	Wolffish	Handline	Tri-State Sector																		
10439	2013	Wolffish	Large Mesh Gillnet	Fixed Gear Sector	14	401	122	30.42	0.00	0.00	0.22	75	18.70	0	1357550	357024.30	234.00	890	180.20	430	45.30	122
10440	2013	Wolffish	Large Mesh Gillnet	Maine Coast Community Sector	13	373	70	18.77	0.00	0.00	0.45	128	34.32	0	1191462	166868.60	30.00	214	420.80	614	52.00	87

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10441	2013	Wolffish	Large Mesh Gillnet	NCCS																		
10442	2013	Wolffish	Large Mesh Gillnet	NEFS 10	8	311	63	20.26	0.00	0.00	0.29	61	19.61	0	622240	119644.80	181.00	941	209.10	365	33.70	68
10443	2013	Wolffish	Large Mesh Gillnet	NEFS 11	21	900	211	23.44	0.00	0.00	0.24	145	16.11	0	2090724	509839.80	228.00	935	535.50	1020	129.60	243
10444	2013	Wolffish	Large Mesh Gillnet	NEFS 12	7	91	18	19.78	0.00	0.00	0.87	62	68.13	0	628742	129015.90	3.00	15	351.80	393	93.90	102
10445	2013	Wolffish	Large Mesh Gillnet	NEFS 13																		
10446	2013	Wolffish	Large Mesh Gillnet	NEFS 2																		
10447	2013	Wolffish	Large Mesh Gillnet	NEFS 3	27	624	153	24.52	0.00	0.00	0.37	204	32.69	0	1019178	243376.20	190.00	796	422.60	773	93.30	181
10448	2013	Wolffish	Large Mesh Gillnet	NEFS 5																		
10449	2013	Wolffish	Large Mesh Gillnet	NEFS 6																		
10450	2013	Wolffish	Large Mesh Gillnet	NEFS 7	6	23	1	4.35	0.00					0	57790	1050.60	0.00	0	56.00	67	2.80	3
10451	2013	Wolffish	Large Mesh Gillnet	NEFS 8																		
10452	2013	Wolffish	Large Mesh Gillnet	NEFS 9																		
10453	2013	Wolffish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10454	2013	Wolffish	Large Mesh Gillnet	Sustainable Harvest Sector 1	20	232	42	18.10	0.00	0.00	0.45	77	33.19	0	1110881	229651.70	59.00	285	589.90	692	107.20	129
10455	2013	Wolffish	Large Mesh Gillnet	Tri-State Sector																		
10456	2013	Wolffish	Ruhle Trawl	Fixed Gear Sector																		
10457	2013	Wolffish	Ruhle Trawl	Maine Coast Community Sector																		
10458	2013	Wolffish	Ruhle Trawl	NCCS																		
10459	2013	Wolffish	Ruhle Trawl	NEFS 10																		
10460	2013	Wolffish	Ruhle Trawl	NEFS 11																		
10461	2013	Wolffish	Ruhle Trawl	NEFS 12																		
10462	2013	Wolffish	Ruhle Trawl	NEFS 13	6	10	1	10.00	0.00					0	44713	90.80	0.00	0	36.90	41	10.30	11
10463	2013	Wolffish	Ruhle Trawl	NEFS 2																		
10464	2013	Wolffish	Ruhle Trawl	NEFS 3																		
10465	2013	Wolffish	Ruhle Trawl	NEFS 5																		
10466	2013	Wolffish	Ruhle Trawl	NEFS 6																		
10467	2013	Wolffish	Ruhle Trawl	NEFS 7																		
10468	2013	Wolffish	Ruhle Trawl	NEFS 8	4	4	0	0.00						0	21318	0.00	0.00		26.60	28	0.00	0
10469	2013	Wolffish	Ruhle Trawl	NEFS 9																		
10470	2013	Wolffish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10471	2013	Wolffish	Ruhle Trawl	Sustainable Harvest Sector 1																		
10472	2013	Wolffish	Ruhle Trawl	Tri-State Sector																		
10473	2014	CC/GOM Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
10474	2014	CC/GOM Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
10475	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NCCS																		
10476	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 10																		
10477	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 11																		
10478	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 12																		
10479	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 13																		
10480	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 2																		
10481	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
10482	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 5																		
10483	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 6																		
10484	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 7																		
10485	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10486	2014	CC/GOM Yellowtail Flounder	Bottom Longline	NEFS 9																		
10487	2014	CC/GOM Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
10488	2014	CC/GOM Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
10489	2014	CC/GOM Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
10490	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
10491	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.83	38	74.51	240	154677	25447.80	4.00	24	71.10	97	14.90	20
10492	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
10493	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 10	8	172	58	33.72	0.02	0.00	0.11	11	6.40	114531	458725	160498.60	2606.00	7448	81.40	173	27.10	58
10494	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.01	0.00	0.15	15	11.45	26048	175151	61222.20	381.00	1090	57.90	133	18.80	45
10495	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
10496	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	3	13	4	30.77	0.01	0.00	0.49	8	61.54	9384	215750	18903.60	119.00	1358	64.40	72	27.40	30
10497	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	53	832	201	24.16	0.00	0.00	0.26	165	19.83	117933	4560893	1137813.80	2425.00	9721	1203.30	1560	346.90	447
10498	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.01	0.00	0.17	7	10.77	19005	88342	15579.60	79.00	448	39.60	68	9.80	17
10499	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		
10500	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	18	182	27	14.84	0.00	0.00	0.79	100	54.95	8908	2792255	481704.90	143.00	829	604.00	649	163.80	176
10501	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 7																		
10502	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	7	64	17	26.56	0.00	0.00	0.24	12	18.75	41195	694840	109643.20	158.00	1001	347.20	378	115.90	126
10503	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	43	293	58	19.80	0.00	0.00	0.57	138	47.10	36623	4660091	939331.70	283.00	1404	1525.20	1646	422.20	453
10504	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10505	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	117	1090	206	18.90	0.00	0.00	0.34	251	23.03	42309	14865107	3478671.70	387.00	1654	3725.90	4099	1024.90	1129
10506	2014	CC/GOM Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
10507	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	17	1183	318	26.88	0.00	0.00	0.86	888	75.06	51	8480923	1970404.70	1.00	4	410.20	1200	114.00	319
10508	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10509	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
10510	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
10511	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11	9	144	64	44.44	0.00	0.00	0.00	0	0.00	9	118309	39689.90	0.00	0	112.90	180	49.80	80
10512	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
10513	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
10514	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
10515	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	8	197	73	37.06	0.00	0.00	0.00	0	0.00	267	349336	65766.70	0.00	0	143.60	255	47.80	87
10516	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
10517	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
10518	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	3	27	8	29.63	0.00	0.00	0.00	0	0.00	0	154008	38307.30	0.00	0	110.00	119	34.00	38
10519	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
10520	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
10521	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10522	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10523	2014	CC/GOM Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
10524	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
10525	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
10526	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
10527	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
10528	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
10529	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
10530	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10531	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	3	25	8	32.00	0.00	0.00	0.62	17	68.00	5	440007	164625.90	114.00	305	138.50	150	42.90	46
10532	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
10533	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
10534	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
10535	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
10536	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
10537	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
10538	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10539	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	6	19	12	63.16	0.00	0.00	0.72	18	94.74	5735	322166	134166.70	5.00	12	138.10	148	86.50	90
10540	2014	CC/GOM Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
10541	2014	CC/GOM Yellowtail Flounder	Handline	Fixed Gear Sector																		
10542	2014	CC/GOM Yellowtail Flounder	Handline	Maine Coast Community Sector																		
10543	2014	CC/GOM Yellowtail Flounder	Handline	NCCS																		
10544	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 10																		
10545	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 11																		
10546	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 12																		
10547	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 13																		
10548	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 2																		
10549	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 3																		
10550	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 5																		
10551	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 6																		
10552	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 7																		
10553	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 8																		
10554	2014	CC/GOM Yellowtail Flounder	Handline	NEFS 9																		
10555	2014	CC/GOM Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
10556	2014	CC/GOM Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
10557	2014	CC/GOM Yellowtail Flounder	Handline	Tri-State Sector																		
10558	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector	13	445	169	37.98	0.00	0.00	0.26	142	31.91	113	1580840	482954.80	14.00	46	211.30	490	72.20	176
10559	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.86	309	75.37	10	1429826	353463.60	1.00	4	450.00	649	123.20	177
10560	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
10561	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 10	5	186	50	26.88	0.00	0.00	0.30	50	26.88	16940	472772	92516.60	78.00	399	133.60	220	35.40	59
10562	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 11	25	891	252	28.28	0.00	0.00	0.21	145	16.27	1730	3235963	759102.60	59.00	252	808.30	1288	220.80	354
10563	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
10564	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
10565	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
10566	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	20	671	210	31.30	0.00	0.00	0.19	107	15.95	35298	1659270	454508.80	345.00	1259	367.10	762	119.40	240
10567	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
10568	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
10569	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
10570	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
10571	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
10572	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10573	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	187	49	26.20	0.00	0.00	0.88	141	75.40	5	1322646	392880.70	5.00	17	606.40	691	167.90	192
10574	2014	CC/GOM Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
10575	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10576	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
10577	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NCCS																		
10578	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
10579	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
10580	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
10581	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
10582	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
10583	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
10584	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
10585	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
10586	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
10587	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
10588	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
10589	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10590	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
10591	2014	CC/GOM Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
10592	2014	GB Cod East	Bottom Longline	Fixed Gear Sector																		
10593	2014	GB Cod East	Bottom Longline	Maine Coast Community Sector																		
10594	2014	GB Cod East	Bottom Longline	NCCS																		
10595	2014	GB Cod East	Bottom Longline	NEFS 10																		
10596	2014	GB Cod East	Bottom Longline	NEFS 11																		
10597	2014	GB Cod East	Bottom Longline	NEFS 12																		
10598	2014	GB Cod East	Bottom Longline	NEFS 13																		
10599	2014	GB Cod East	Bottom Longline	NEFS 2																		
10600	2014	GB Cod East	Bottom Longline	NEFS 3																		
10601	2014	GB Cod East	Bottom Longline	NEFS 5																		
10602	2014	GB Cod East	Bottom Longline	NEFS 6																		
10603	2014	GB Cod East	Bottom Longline	NEFS 7																		
10604	2014	GB Cod East	Bottom Longline	NEFS 8																		
10605	2014	GB Cod East	Bottom Longline	NEFS 9																		
10606	2014	GB Cod East	Bottom Longline	Port Clyde Community Groundfish Sector																		
10607	2014	GB Cod East	Bottom Longline	Sustainable Harvest Sector 1																		
10608	2014	GB Cod East	Bottom Longline	Tri-State Sector																		
10609	2014	GB Cod East	Bottom Otter Trawl	Fixed Gear Sector																		
10610	2014	GB Cod East	Bottom Otter Trawl	Maine Coast Community Sector																		
10611	2014	GB Cod East	Bottom Otter Trawl	NCCS																		
10612	2014	GB Cod East	Bottom Otter Trawl	NEFS 10																		
10613	2014	GB Cod East	Bottom Otter Trawl	NEFS 11																		
10614	2014	GB Cod East	Bottom Otter Trawl	NEFS 12																		
10615	2014	GB Cod East	Bottom Otter Trawl	NEFS 13	4	6	2	33.33	0.00	0.00	0.04	1	16.67	2392	64618	9449.80	39.75	272	45.00	47	14.80	15
10616	2014	GB Cod East	Bottom Otter Trawl	NEFS 2	6	25	6	24.00	0.00	0.00	0.48	12	48.00	10804	256910	47593.80	139.50	753	173.80	182	38.60	41
10617	2014	GB Cod East	Bottom Otter Trawl	NEFS 3																		
10618	2014	GB Cod East	Bottom Otter Trawl	NEFS 5																		
10619	2014	GB Cod East	Bottom Otter Trawl	NEFS 6																		
10620	2014	GB Cod East	Bottom Otter Trawl	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10621	2014	GB Cod East	Bottom Otter Trawl	NEFS 8	5	16	5	31.25	0.01	0.00	0.56	10	62.50	1789	129292	47412.70	602.25	1642	102.80	113	33.50	37
10622	2014	GB Cod East	Bottom Otter Trawl	NEFS 9	13	59	21	35.59	0.00	0.00	0.43	32	54.24	10623	551091	122049.80	22.50	102	362.40	395	149.10	157
10623	2014	GB Cod East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10624	2014	GB Cod East	Bottom Otter Trawl	Sustainable Harvest Sector 1	16	43	12	27.91	0.00	0.00	0.40	18	41.86	10677	379337	27800.70	45.75	624	317.70	337	84.10	91
10625	2014	GB Cod East	Bottom Otter Trawl	Tri-State Sector																		
10626	2014	GB Cod East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
10627	2014	GB Cod East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10628	2014	GB Cod East	Extra Large Mesh Gillnet	NCCS																		
10629	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 10																		
10630	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 11																		
10631	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 12																		
10632	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 13																		
10633	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 2																		
10634	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 3																		
10635	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 5																		
10636	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 6																		
10637	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 7																		
10638	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 8																		
10639	2014	GB Cod East	Extra Large Mesh Gillnet	NEFS 9																		
10640	2014	GB Cod East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10641	2014	GB Cod East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10642	2014	GB Cod East	Extra Large Mesh Gillnet	Tri-State Sector																		
10643	2014	GB Cod East	Haddock Otter Trawl	Fixed Gear Sector																		
10644	2014	GB Cod East	Haddock Otter Trawl	Maine Coast Community Sector																		
10645	2014	GB Cod East	Haddock Otter Trawl	NCCS																		
10646	2014	GB Cod East	Haddock Otter Trawl	NEFS 10																		
10647	2014	GB Cod East	Haddock Otter Trawl	NEFS 11																		
10648	2014	GB Cod East	Haddock Otter Trawl	NEFS 12																		
10649	2014	GB Cod East	Haddock Otter Trawl	NEFS 13																		
10650	2014	GB Cod East	Haddock Otter Trawl	NEFS 2	7	28	5	17.86	0.00	0.00	0.43	9	32.14	9685	672982	91052.20	64.50	477	117.90	128	24.60	27
10651	2014	GB Cod East	Haddock Otter Trawl	NEFS 3																		
10652	2014	GB Cod East	Haddock Otter Trawl	NEFS 5																		
10653	2014	GB Cod East	Haddock Otter Trawl	NEFS 6																		
10654	2014	GB Cod East	Haddock Otter Trawl	NEFS 7																		
10655	2014	GB Cod East	Haddock Otter Trawl	NEFS 8	6	24	3	12.50	0.00	0.00	0.34	4	16.67	24155	359361	17213.90	6.00	125	155.20	168	16.10	17
10656	2014	GB Cod East	Haddock Otter Trawl	NEFS 9	18	74	6	8.11	0.00	0.00	0.63	21	28.38	10946	707271	36052.60	19.50	383	464.70	495	51.70	55
10657	2014	GB Cod East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10658	2014	GB Cod East	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	122	19	15.57	0.00	0.00	0.46	37	30.33	51610	2070271	197455.50	353.25	3704	795.30	841	147.40	154
10659	2014	GB Cod East	Haddock Otter Trawl	Tri-State Sector																		
10660	2014	GB Cod East	Handline	Fixed Gear Sector																		
10661	2014	GB Cod East	Handline	Maine Coast Community Sector																		
10662	2014	GB Cod East	Handline	NCCS																		
10663	2014	GB Cod East	Handline	NEFS 10																		
10664	2014	GB Cod East	Handline	NEFS 11																		
10665	2014	GB Cod East	Handline	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10666	2014	GB Cod East	Handline	NEFS 13																		
10667	2014	GB Cod East	Handline	NEFS 2																		
10668	2014	GB Cod East	Handline	NEFS 3																		
10669	2014	GB Cod East	Handline	NEFS 5																		
10670	2014	GB Cod East	Handline	NEFS 6																		
10671	2014	GB Cod East	Handline	NEFS 7																		
10672	2014	GB Cod East	Handline	NEFS 8																		
10673	2014	GB Cod East	Handline	NEFS 9																		
10674	2014	GB Cod East	Handline	Port Clyde Community Groundfish Sector																		
10675	2014	GB Cod East	Handline	Sustainable Harvest Sector 1																		
10676	2014	GB Cod East	Handline	Tri-State Sector																		
10677	2014	GB Cod East	Large Mesh Gillnet	Fixed Gear Sector																		
10678	2014	GB Cod East	Large Mesh Gillnet	Maine Coast Community Sector																		
10679	2014	GB Cod East	Large Mesh Gillnet	NCCS																		
10680	2014	GB Cod East	Large Mesh Gillnet	NEFS 10																		
10681	2014	GB Cod East	Large Mesh Gillnet	NEFS 11																		
10682	2014	GB Cod East	Large Mesh Gillnet	NEFS 12																		
10683	2014	GB Cod East	Large Mesh Gillnet	NEFS 13																		
10684	2014	GB Cod East	Large Mesh Gillnet	NEFS 2																		
10685	2014	GB Cod East	Large Mesh Gillnet	NEFS 3																		
10686	2014	GB Cod East	Large Mesh Gillnet	NEFS 5																		
10687	2014	GB Cod East	Large Mesh Gillnet	NEFS 6																		
10688	2014	GB Cod East	Large Mesh Gillnet	NEFS 7																		
10689	2014	GB Cod East	Large Mesh Gillnet	NEFS 8																		
10690	2014	GB Cod East	Large Mesh Gillnet	NEFS 9																		
10691	2014	GB Cod East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10692	2014	GB Cod East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10693	2014	GB Cod East	Large Mesh Gillnet	Tri-State Sector																		
10694	2014	GB Cod East	Ruhle Trawl	Fixed Gear Sector																		
10695	2014	GB Cod East	Ruhle Trawl	Maine Coast Community Sector																		
10696	2014	GB Cod East	Ruhle Trawl	NCCS																		
10697	2014	GB Cod East	Ruhle Trawl	NEFS 10																		
10698	2014	GB Cod East	Ruhle Trawl	NEFS 11																		
10699	2014	GB Cod East	Ruhle Trawl	NEFS 12																		
10700	2014	GB Cod East	Ruhle Trawl	NEFS 13																		
10701	2014	GB Cod East	Ruhle Trawl	NEFS 2																		
10702	2014	GB Cod East	Ruhle Trawl	NEFS 3																		
10703	2014	GB Cod East	Ruhle Trawl	NEFS 5																		
10704	2014	GB Cod East	Ruhle Trawl	NEFS 6																		
10705	2014	GB Cod East	Ruhle Trawl	NEFS 7																		
10706	2014	GB Cod East	Ruhle Trawl	NEFS 8																		
10707	2014	GB Cod East	Ruhle Trawl	NEFS 9																		
10708	2014	GB Cod East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10709	2014	GB Cod East	Ruhle Trawl	Sustainable Harvest Sector 1																		
10710	2014	GB Cod East	Ruhle Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10711	2014	GB Cod West	Bottom Longline	Fixed Gear Sector																		
10712	2014	GB Cod West	Bottom Longline	Maine Coast Community Sector																		
10713	2014	GB Cod West	Bottom Longline	NCCS																		
10714	2014	GB Cod West	Bottom Longline	NEFS 10																		
10715	2014	GB Cod West	Bottom Longline	NEFS 11																		
10716	2014	GB Cod West	Bottom Longline	NEFS 12																		
10717	2014	GB Cod West	Bottom Longline	NEFS 13																		
10718	2014	GB Cod West	Bottom Longline	NEFS 2																		
10719	2014	GB Cod West	Bottom Longline	NEFS 3																		
10720	2014	GB Cod West	Bottom Longline	NEFS 5																		
10721	2014	GB Cod West	Bottom Longline	NEFS 6																		
10722	2014	GB Cod West	Bottom Longline	NEFS 7																		
10723	2014	GB Cod West	Bottom Longline	NEFS 8																		
10724	2014	GB Cod West	Bottom Longline	NEFS 9																		
10725	2014	GB Cod West	Bottom Longline	Port Clyde Community Groundfish Sector																		
10726	2014	GB Cod West	Bottom Longline	Sustainable Harvest Sector 1																		
10727	2014	GB Cod West	Bottom Longline	Tri-State Sector																		
10728	2014	GB Cod West	Bottom Otter Trawl	Fixed Gear Sector																		
10729	2014	GB Cod West	Bottom Otter Trawl	Maine Coast Community Sector																		
10730	2014	GB Cod West	Bottom Otter Trawl	NCCS																		
10731	2014	GB Cod West	Bottom Otter Trawl	NEFS 10	4	35	4	11.43	0.00	0.00	0.62	13	37.14	1246	23029	23167.60	14.25	14	12.60	36	2.20	4
10732	2014	GB Cod West	Bottom Otter Trawl	NEFS 11																		
10733	2014	GB Cod West	Bottom Otter Trawl	NEFS 12																		
10734	2014	GB Cod West	Bottom Otter Trawl	NEFS 13	57	334	86	25.75	0.00	0.00	0.34	105	31.44	152416	3268386	698545.00	377.25	1765	752.30	902	238.50	280
10735	2014	GB Cod West	Bottom Otter Trawl	NEFS 2	18	163	37	22.70	0.00	0.00	0.22	22	13.50	190694	1890532	485618.50	291.00	1133	721.80	781	204.30	223
10736	2014	GB Cod West	Bottom Otter Trawl	NEFS 3																		
10737	2014	GB Cod West	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.37	265	32.36	16479	5138060	1435714.80	272.25	974	583.50	970	156.50	255
10738	2014	GB Cod West	Bottom Otter Trawl	NEFS 6	6	85	20	23.53	0.00	0.00	0.39	30	35.29	86153	1381346	259849.70	45.75	243	450.80	480	131.50	140
10739	2014	GB Cod West	Bottom Otter Trawl	NEFS 7	18	161	36	22.36	0.00	0.00	0.51	74	45.96	113530	1980910	378056.70	223.50	1171	637.00	702	149.20	167
10740	2014	GB Cod West	Bottom Otter Trawl	NEFS 8	22	155	29	18.71	0.00	0.00	0.36	39	25.16	236524	2044890	384926.20	476.25	2530	659.00	720	178.80	196
10741	2014	GB Cod West	Bottom Otter Trawl	NEFS 9	83	585	113	19.32	0.00	0.00	0.17	40	6.84	967189	7806817	1797707.00	2037.75	8849	2473.30	2684	741.70	793
10742	2014	GB Cod West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10743	2014	GB Cod West	Bottom Otter Trawl	Sustainable Harvest Sector 1	48	480	98	20.42	0.00	0.00	0.19	46	9.58	752413	6512989	1162417.10	904.50	5068	2411.80	2591	639.70	688
10744	2014	GB Cod West	Bottom Otter Trawl	Tri-State Sector																		
10745	2014	GB Cod West	Extra Large Mesh Gillnet	Fixed Gear Sector	26	1203	355	29.51	0.00	0.00	0.27	299	24.85	1603	8631829	2225490.10	88.00	341	427.10	1227	156.40	387
10746	2014	GB Cod West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10747	2014	GB Cod West	Extra Large Mesh Gillnet	NCCS																		
10748	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 10																		
10749	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 11																		
10750	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 12																		
10751	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 13																		
10752	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 2																		
10753	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 3	7	21	1	4.76	0.00					22	88760	780.40	0.00	0	16.80	27	0.70	1
10754	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 5																		
10755	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10756	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 7	4	43	11	25.58	0.00	0.00	0.45	19	44.19	18	320494	71321.50	20.00	90	31.20	45	9.10	13
10757	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 8																		
10758	2014	GB Cod West	Extra Large Mesh Gillnet	NEFS 9																		
10759	2014	GB Cod West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10760	2014	GB Cod West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10761	2014	GB Cod West	Extra Large Mesh Gillnet	Tri-State Sector																		
10762	2014	GB Cod West	Haddock Otter Trawl	Fixed Gear Sector																		
10763	2014	GB Cod West	Haddock Otter Trawl	Maine Coast Community Sector																		
10764	2014	GB Cod West	Haddock Otter Trawl	NCCS																		
10765	2014	GB Cod West	Haddock Otter Trawl	NEFS 10																		
10766	2014	GB Cod West	Haddock Otter Trawl	NEFS 11																		
10767	2014	GB Cod West	Haddock Otter Trawl	NEFS 12																		
10768	2014	GB Cod West	Haddock Otter Trawl	NEFS 13																		
10769	2014	GB Cod West	Haddock Otter Trawl	NEFS 2	10	68	11	16.18	0.00	0.00	0.27	10	14.71	107621	1624166	222204.40	387.00	2829	273.70	299	62.20	67
10770	2014	GB Cod West	Haddock Otter Trawl	NEFS 3																		
10771	2014	GB Cod West	Haddock Otter Trawl	NEFS 5																		
10772	2014	GB Cod West	Haddock Otter Trawl	NEFS 6																		
10773	2014	GB Cod West	Haddock Otter Trawl	NEFS 7																		
10774	2014	GB Cod West	Haddock Otter Trawl	NEFS 8																		
10775	2014	GB Cod West	Haddock Otter Trawl	NEFS 9	4	14	7	50.00	0.00	0.00	0.49	11	78.57	35054	271322	91485.20	82.50	245	78.50	85	45.70	49
10776	2014	GB Cod West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10777	2014	GB Cod West	Haddock Otter Trawl	Sustainable Harvest Sector 1	16	85	31	36.47	0.00	0.00	0.48	51	60.00	92377	2123079	571587.70	339.00	1259	468.50	501	222.30	235
10778	2014	GB Cod West	Haddock Otter Trawl	Tri-State Sector																		
10779	2014	GB Cod West	Handline	Fixed Gear Sector	3	14	3	21.43	0.43	0.17	0.97	11	78.57	7383	12596	31.60	13.60	5421	16.20	23	1.10	3
10780	2014	GB Cod West	Handline	Maine Coast Community Sector																		
10781	2014	GB Cod West	Handline	NCCS																		
10782	2014	GB Cod West	Handline	NEFS 10																		
10783	2014	GB Cod West	Handline	NEFS 11																		
10784	2014	GB Cod West	Handline	NEFS 12																		
10785	2014	GB Cod West	Handline	NEFS 13																		
10786	2014	GB Cod West	Handline	NEFS 2																		
10787	2014	GB Cod West	Handline	NEFS 3																		
10788	2014	GB Cod West	Handline	NEFS 5																		
10789	2014	GB Cod West	Handline	NEFS 6																		
10790	2014	GB Cod West	Handline	NEFS 7																		
10791	2014	GB Cod West	Handline	NEFS 8																		
10792	2014	GB Cod West	Handline	NEFS 9																		
10793	2014	GB Cod West	Handline	Port Clyde Community Groundfish Sector																		
10794	2014	GB Cod West	Handline	Sustainable Harvest Sector 1																		
10795	2014	GB Cod West	Handline	Tri-State Sector																		
10796	2014	GB Cod West	Large Mesh Gillnet	Fixed Gear Sector	14	448	169	37.72	0.00	0.00	0.19	86	19.20	77441	1622109	480335.60	612.80	2069	205.60	486	70.50	174
10797	2014	GB Cod West	Large Mesh Gillnet	Maine Coast Community Sector																		
10798	2014	GB Cod West	Large Mesh Gillnet	NCCS																		
10799	2014	GB Cod West	Large Mesh Gillnet	NEFS 10																		
10800	2014	GB Cod West	Large Mesh Gillnet	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10801	2014	GB Cod West	Large Mesh Gillnet	NEFS 12																		
10802	2014	GB Cod West	Large Mesh Gillnet	NEFS 13																		
10803	2014	GB Cod West	Large Mesh Gillnet	NEFS 2																		
10804	2014	GB Cod West	Large Mesh Gillnet	NEFS 3	6	32	12	37.50	0.01	0.00	0.27	11	34.38	14483	59335	21518.60	152.00	419	26.40	44	15.60	22
10805	2014	GB Cod West	Large Mesh Gillnet	NEFS 5																		
10806	2014	GB Cod West	Large Mesh Gillnet	NEFS 6																		
10807	2014	GB Cod West	Large Mesh Gillnet	NEFS 7																		
10808	2014	GB Cod West	Large Mesh Gillnet	NEFS 8																		
10809	2014	GB Cod West	Large Mesh Gillnet	NEFS 9																		
10810	2014	GB Cod West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10811	2014	GB Cod West	Large Mesh Gillnet	Sustainable Harvest Sector 1	4	15	4	26.67	0.01	0.00	0.06	1	6.67	57258	128125	32307.80	164.80	654	97.90	104	28.90	31
10812	2014	GB Cod West	Large Mesh Gillnet	Tri-State Sector																		
10813	2014	GB Cod West	Ruhle Trawl	Fixed Gear Sector																		
10814	2014	GB Cod West	Ruhle Trawl	Maine Coast Community Sector																		
10815	2014	GB Cod West	Ruhle Trawl	NCCS																		
10816	2014	GB Cod West	Ruhle Trawl	NEFS 10																		
10817	2014	GB Cod West	Ruhle Trawl	NEFS 11																		
10818	2014	GB Cod West	Ruhle Trawl	NEFS 12																		
10819	2014	GB Cod West	Ruhle Trawl	NEFS 13	3	4	1	25.00	0.00					576	38619	7422.60	0.00	0	27.90	29	7.90	8
10820	2014	GB Cod West	Ruhle Trawl	NEFS 2																		
10821	2014	GB Cod West	Ruhle Trawl	NEFS 3																		
10822	2014	GB Cod West	Ruhle Trawl	NEFS 5																		
10823	2014	GB Cod West	Ruhle Trawl	NEFS 6																		
10824	2014	GB Cod West	Ruhle Trawl	NEFS 7																		
10825	2014	GB Cod West	Ruhle Trawl	NEFS 8																		
10826	2014	GB Cod West	Ruhle Trawl	NEFS 9																		
10827	2014	GB Cod West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10828	2014	GB Cod West	Ruhle Trawl	Sustainable Harvest Sector 1	3	20	4	20.00	0.00	0.00	0.00	0	0.00	4195	734599	54725.70	0.00	0	79.40	88	20.30	22
10829	2014	GB Cod West	Ruhle Trawl	Tri-State Sector																		
10830	2014	GB Haddock East	Bottom Longline	Fixed Gear Sector																		
10831	2014	GB Haddock East	Bottom Longline	Maine Coast Community Sector																		
10832	2014	GB Haddock East	Bottom Longline	NCCS																		
10833	2014	GB Haddock East	Bottom Longline	NEFS 10																		
10834	2014	GB Haddock East	Bottom Longline	NEFS 11																		
10835	2014	GB Haddock East	Bottom Longline	NEFS 12																		
10836	2014	GB Haddock East	Bottom Longline	NEFS 13																		
10837	2014	GB Haddock East	Bottom Longline	NEFS 2																		
10838	2014	GB Haddock East	Bottom Longline	NEFS 3																		
10839	2014	GB Haddock East	Bottom Longline	NEFS 5																		
10840	2014	GB Haddock East	Bottom Longline	NEFS 6																		
10841	2014	GB Haddock East	Bottom Longline	NEFS 7																		
10842	2014	GB Haddock East	Bottom Longline	NEFS 8																		
10843	2014	GB Haddock East	Bottom Longline	NEFS 9																		
10844	2014	GB Haddock East	Bottom Longline	Port Clyde Community Groundfish Sector																		
10845	2014	GB Haddock East	Bottom Longline	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10846	2014	GB Haddock East	Bottom Longline	Tri-State Sector																		
10847	2014	GB Haddock East	Bottom Otter Trawl	Fixed Gear Sector																		
10848	2014	GB Haddock East	Bottom Otter Trawl	Maine Coast Community Sector																		
10849	2014	GB Haddock East	Bottom Otter Trawl	NCCS																		
10850	2014	GB Haddock East	Bottom Otter Trawl	NEFS 10																		
10851	2014	GB Haddock East	Bottom Otter Trawl	NEFS 11																		
10852	2014	GB Haddock East	Bottom Otter Trawl	NEFS 12																		
10853	2014	GB Haddock East	Bottom Otter Trawl	NEFS 13	4	6	2	33.33	0.01	0.00	0.15	1	16.67	2601	64618	9449.80	129.00	882	45.00	47	14.80	15
10854	2014	GB Haddock East	Bottom Otter Trawl	NEFS 2	6	25	6	24.00	0.10	0.00	0.21	4	16.00	122331	256910	47593.80	4653.00	25117	173.80	182	38.60	41
10855	2014	GB Haddock East	Bottom Otter Trawl	NEFS 3																		
10856	2014	GB Haddock East	Bottom Otter Trawl	NEFS 5																		
10857	2014	GB Haddock East	Bottom Otter Trawl	NEFS 6																		
10858	2014	GB Haddock East	Bottom Otter Trawl	NEFS 7																		
10859	2014	GB Haddock East	Bottom Otter Trawl	NEFS 8	5	16	5	31.25	0.09	0.00	0.54	10	62.50	51048	129292	47412.70	4389.00	11969	102.80	113	33.50	37
10860	2014	GB Haddock East	Bottom Otter Trawl	NEFS 9	13	59	21	35.59	0.00	0.00	0.23	15	25.42	226297	559796	122049.80	441.00	2023	362.40	395	149.10	157
10861	2014	GB Haddock East	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
10862	2014	GB Haddock East	Bottom Otter Trawl	Sustainable Harvest Sector 1	16	43	12	27.91	0.01	0.00	0.26	10	23.26	283845	383002	27800.70	364.00	5015	317.70	337	84.10	91
10863	2014	GB Haddock East	Bottom Otter Trawl	Tri-State Sector																		
10864	2014	GB Haddock East	Extra Large Mesh Gillnet	Fixed Gear Sector																		
10865	2014	GB Haddock East	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10866	2014	GB Haddock East	Extra Large Mesh Gillnet	NCCS																		
10867	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 10																		
10868	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 11																		
10869	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 12																		
10870	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 13																		
10871	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 2																		
10872	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 3																		
10873	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 5																		
10874	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 6																		
10875	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 7																		
10876	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 8																		
10877	2014	GB Haddock East	Extra Large Mesh Gillnet	NEFS 9																		
10878	2014	GB Haddock East	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10879	2014	GB Haddock East	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10880	2014	GB Haddock East	Extra Large Mesh Gillnet	Tri-State Sector																		
10881	2014	GB Haddock East	Haddock Otter Trawl	Fixed Gear Sector																		
10882	2014	GB Haddock East	Haddock Otter Trawl	Maine Coast Community Sector																		
10883	2014	GB Haddock East	Haddock Otter Trawl	NCCS																		
10884	2014	GB Haddock East	Haddock Otter Trawl	NEFS 10																		
10885	2014	GB Haddock East	Haddock Otter Trawl	NEFS 11																		
10886	2014	GB Haddock East	Haddock Otter Trawl	NEFS 12																		
10887	2014	GB Haddock East	Haddock Otter Trawl	NEFS 13																		
10888	2014	GB Haddock East	Haddock Otter Trawl	NEFS 2	7	28	5	17.86	0.06	0.00	0.17	2	7.14	556236	672982	91052.20	5075.00	37510	117.90	128	24.60	27
10889	2014	GB Haddock East	Haddock Otter Trawl	NEFS 3																		
10890	2014	GB Haddock East	Haddock Otter Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10891	2014	GB Haddock East	Haddock Otter Trawl	NEFS 6																		
10892	2014	GB Haddock East	Haddock Otter Trawl	NEFS 7																		
10893	2014	GB Haddock East	Haddock Otter Trawl	NEFS 8	6	24	3	12.50	0.01	0.00	0.15	1	4.17	238322	359361	17213.90	125.00	2610	155.20	168	16.10	17
10894	2014	GB Haddock East	Haddock Otter Trawl	NEFS 9	18	74	6	8.11	0.03	0.00	0.07	1	1.35	400449	728753	36052.60	1256.00	25388	464.70	495	51.70	55
10895	2014	GB Haddock East	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
10896	2014	GB Haddock East	Haddock Otter Trawl	Sustainable Harvest Sector 1	15	122	19	15.57	0.03	0.00	0.23	12	9.84	1431856	2101053	197455.50	6860.00	72995	795.30	841	147.40	154
10897	2014	GB Haddock East	Haddock Otter Trawl	Tri-State Sector																		
10898	2014	GB Haddock East	Handline	Fixed Gear Sector																		
10899	2014	GB Haddock East	Handline	Maine Coast Community Sector																		
10900	2014	GB Haddock East	Handline	NCCS																		
10901	2014	GB Haddock East	Handline	NEFS 10																		
10902	2014	GB Haddock East	Handline	NEFS 11																		
10903	2014	GB Haddock East	Handline	NEFS 12																		
10904	2014	GB Haddock East	Handline	NEFS 13																		
10905	2014	GB Haddock East	Handline	NEFS 2																		
10906	2014	GB Haddock East	Handline	NEFS 3																		
10907	2014	GB Haddock East	Handline	NEFS 5																		
10908	2014	GB Haddock East	Handline	NEFS 6																		
10909	2014	GB Haddock East	Handline	NEFS 7																		
10910	2014	GB Haddock East	Handline	NEFS 8																		
10911	2014	GB Haddock East	Handline	NEFS 9																		
10912	2014	GB Haddock East	Handline	Port Clyde Community Groundfish Sector																		
10913	2014	GB Haddock East	Handline	Sustainable Harvest Sector 1																		
10914	2014	GB Haddock East	Handline	Tri-State Sector																		
10915	2014	GB Haddock East	Large Mesh Gillnet	Fixed Gear Sector																		
10916	2014	GB Haddock East	Large Mesh Gillnet	Maine Coast Community Sector																		
10917	2014	GB Haddock East	Large Mesh Gillnet	NCCS																		
10918	2014	GB Haddock East	Large Mesh Gillnet	NEFS 10																		
10919	2014	GB Haddock East	Large Mesh Gillnet	NEFS 11																		
10920	2014	GB Haddock East	Large Mesh Gillnet	NEFS 12																		
10921	2014	GB Haddock East	Large Mesh Gillnet	NEFS 13																		
10922	2014	GB Haddock East	Large Mesh Gillnet	NEFS 2																		
10923	2014	GB Haddock East	Large Mesh Gillnet	NEFS 3																		
10924	2014	GB Haddock East	Large Mesh Gillnet	NEFS 5																		
10925	2014	GB Haddock East	Large Mesh Gillnet	NEFS 6																		
10926	2014	GB Haddock East	Large Mesh Gillnet	NEFS 7																		
10927	2014	GB Haddock East	Large Mesh Gillnet	NEFS 8																		
10928	2014	GB Haddock East	Large Mesh Gillnet	NEFS 9																		
10929	2014	GB Haddock East	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10930	2014	GB Haddock East	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10931	2014	GB Haddock East	Large Mesh Gillnet	Tri-State Sector																		
10932	2014	GB Haddock East	Ruhle Trawl	Fixed Gear Sector																		
10933	2014	GB Haddock East	Ruhle Trawl	Maine Coast Community Sector																		
10934	2014	GB Haddock East	Ruhle Trawl	NCCS																		
10935	2014	GB Haddock East	Ruhle Trawl	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10936	2014	GB Haddock East	Ruhle Trawl	NEFS 11																		
10937	2014	GB Haddock East	Ruhle Trawl	NEFS 12																		
10938	2014	GB Haddock East	Ruhle Trawl	NEFS 13																		
10939	2014	GB Haddock East	Ruhle Trawl	NEFS 2																		
10940	2014	GB Haddock East	Ruhle Trawl	NEFS 3																		
10941	2014	GB Haddock East	Ruhle Trawl	NEFS 5																		
10942	2014	GB Haddock East	Ruhle Trawl	NEFS 6																		
10943	2014	GB Haddock East	Ruhle Trawl	NEFS 7																		
10944	2014	GB Haddock East	Ruhle Trawl	NEFS 8																		
10945	2014	GB Haddock East	Ruhle Trawl	NEFS 9																		
10946	2014	GB Haddock East	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
10947	2014	GB Haddock East	Ruhle Trawl	Sustainable Harvest Sector 1																		
10948	2014	GB Haddock East	Ruhle Trawl	Tri-State Sector																		
10949	2014	GB Haddock West	Bottom Longline	Fixed Gear Sector																		
10950	2014	GB Haddock West	Bottom Longline	Maine Coast Community Sector																		
10951	2014	GB Haddock West	Bottom Longline	NCCS																		
10952	2014	GB Haddock West	Bottom Longline	NEFS 10																		
10953	2014	GB Haddock West	Bottom Longline	NEFS 11																		
10954	2014	GB Haddock West	Bottom Longline	NEFS 12																		
10955	2014	GB Haddock West	Bottom Longline	NEFS 13																		
10956	2014	GB Haddock West	Bottom Longline	NEFS 2																		
10957	2014	GB Haddock West	Bottom Longline	NEFS 3																		
10958	2014	GB Haddock West	Bottom Longline	NEFS 5																		
10959	2014	GB Haddock West	Bottom Longline	NEFS 6																		
10960	2014	GB Haddock West	Bottom Longline	NEFS 7																		
10961	2014	GB Haddock West	Bottom Longline	NEFS 8																		
10962	2014	GB Haddock West	Bottom Longline	NEFS 9																		
10963	2014	GB Haddock West	Bottom Longline	Port Clyde Community Groundfish Sector																		
10964	2014	GB Haddock West	Bottom Longline	Sustainable Harvest Sector 1																		
10965	2014	GB Haddock West	Bottom Longline	Tri-State Sector																		
10966	2014	GB Haddock West	Bottom Otter Trawl	Fixed Gear Sector																		
10967	2014	GB Haddock West	Bottom Otter Trawl	Maine Coast Community Sector																		
10968	2014	GB Haddock West	Bottom Otter Trawl	NCCS																		
10969	2014	GB Haddock West	Bottom Otter Trawl	NEFS 10	4	35	4	11.43	0.00	0.00	0.50	10	28.57	5	23029	23167.60	74.00	74	12.60	36	2.20	4
10970	2014	GB Haddock West	Bottom Otter Trawl	NEFS 11																		
10971	2014	GB Haddock West	Bottom Otter Trawl	NEFS 12																		
10972	2014	GB Haddock West	Bottom Otter Trawl	NEFS 13	57	334	86	25.75	0.01	0.00	0.28	78	23.35	295633	3268386	698545.00	10009.00	46831	752.30	902	238.50	280
10973	2014	GB Haddock West	Bottom Otter Trawl	NEFS 2	18	163	37	22.70	0.02	0.00	0.37	50	30.67	467278	1890532	485618.50	10031.00	39051	721.80	781	204.30	223
10974	2014	GB Haddock West	Bottom Otter Trawl	NEFS 3																		
10975	2014	GB Haddock West	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.47	361	44.08	8	5138060	1435714.80	211.00	755	583.50	970	156.50	255
10976	2014	GB Haddock West	Bottom Otter Trawl	NEFS 6	6	85	20	23.53	0.02	0.00	0.60	47	55.29	187379	1381346	259849.70	4301.00	22864	450.80	480	131.50	140
10977	2014	GB Haddock West	Bottom Otter Trawl	NEFS 7	18	161	36	22.36	0.01	0.00	0.37	50	31.06	124776	1980910	378056.70	4213.00	22075	637.00	702	149.20	167
10978	2014	GB Haddock West	Bottom Otter Trawl	NEFS 8	22	155	29	18.71	0.04	0.00	0.29	28	18.06	516559	2044890	384926.20	14992.00	79644	659.00	720	178.80	196
10979	2014	GB Haddock West	Bottom Otter Trawl	NEFS 9	83	585	113	19.32	0.03	0.00	0.20	54	9.23	1616812	7837422	1797707.00	46682.00	203518	2473.30	2684	741.70	793
10980	2014	GB Haddock West	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
10981	2014	GB Haddock West	Bottom Otter Trawl	Sustainable Harvest Sector 1	48	480	98	20.42	0.03	0.00	0.18	40	8.33	2054451	6612929	1162417.10	29951.00	170390	2411.80	2591	639.70	688
10982	2014	GB Haddock West	Bottom Otter Trawl	Tri-State Sector																		
10983	2014	GB Haddock West	Extra Large Mesh Gillnet	Fixed Gear Sector	26	1203	355	29.51	0.00	0.00	0.84	922	76.64	41	8631829	2225490.10	2.00	8	427.10	1227	156.40	387
10984	2014	GB Haddock West	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
10985	2014	GB Haddock West	Extra Large Mesh Gillnet	NCCS																		
10986	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 10																		
10987	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 11																		
10988	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 12																		
10989	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 13																		
10990	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 2																		
10991	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 3	7	21	1	4.76	0.00					0	88760	780.40	0.00	0	16.80	27	0.70	1
10992	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 5																		
10993	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 6																		
10994	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 7	4	43	11	25.58	0.00	0.00	0.00	0	0.00	0	320494	71321.50	0.00	0	31.20	45	9.10	13
10995	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 8																		
10996	2014	GB Haddock West	Extra Large Mesh Gillnet	NEFS 9																		
10997	2014	GB Haddock West	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
10998	2014	GB Haddock West	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
10999	2014	GB Haddock West	Extra Large Mesh Gillnet	Tri-State Sector																		
11000	2014	GB Haddock West	Haddock Otter Trawl	Fixed Gear Sector																		
11001	2014	GB Haddock West	Haddock Otter Trawl	Maine Coast Community Sector																		
11002	2014	GB Haddock West	Haddock Otter Trawl	NCCS																		
11003	2014	GB Haddock West	Haddock Otter Trawl	NEFS 10																		
11004	2014	GB Haddock West	Haddock Otter Trawl	NEFS 11																		
11005	2014	GB Haddock West	Haddock Otter Trawl	NEFS 12																		
11006	2014	GB Haddock West	Haddock Otter Trawl	NEFS 13																		
11007	2014	GB Haddock West	Haddock Otter Trawl	NEFS 2	10	68	11	16.18	0.10	0.00	0.43	20	29.41	843103	1624166	222204.40	21287.00	155594	273.70	299	62.20	67
11008	2014	GB Haddock West	Haddock Otter Trawl	NEFS 3																		
11009	2014	GB Haddock West	Haddock Otter Trawl	NEFS 5																		
11010	2014	GB Haddock West	Haddock Otter Trawl	NEFS 6																		
11011	2014	GB Haddock West	Haddock Otter Trawl	NEFS 7																		
11012	2014	GB Haddock West	Haddock Otter Trawl	NEFS 8																		
11013	2014	GB Haddock West	Haddock Otter Trawl	NEFS 9	4	14	7	50.00	0.04	0.00	0.25	6	42.86	197770	288228	91485.20	3311.00	10431	78.50	85	45.70	49
11014	2014	GB Haddock West	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11015	2014	GB Haddock West	Haddock Otter Trawl	Sustainable Harvest Sector 1	16	85	31	36.47	0.06	0.00	0.13	9	10.59	1842564	2202716	571587.70	37054.00	142794	468.50	501	222.30	235
11016	2014	GB Haddock West	Haddock Otter Trawl	Tri-State Sector																		
11017	2014	GB Haddock West	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	17	12596	31.60	0.00	0	16.20	23	1.10	3
11018	2014	GB Haddock West	Handline	Maine Coast Community Sector																		
11019	2014	GB Haddock West	Handline	NCCS																		
11020	2014	GB Haddock West	Handline	NEFS 10																		
11021	2014	GB Haddock West	Handline	NEFS 11																		
11022	2014	GB Haddock West	Handline	NEFS 12																		
11023	2014	GB Haddock West	Handline	NEFS 13																		
11024	2014	GB Haddock West	Handline	NEFS 2																		
11025	2014	GB Haddock West	Handline	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11026	2014	GB Haddock West	Handline	NEFS 5																		
11027	2014	GB Haddock West	Handline	NEFS 6																		
11028	2014	GB Haddock West	Handline	NEFS 7																		
11029	2014	GB Haddock West	Handline	NEFS 8																		
11030	2014	GB Haddock West	Handline	NEFS 9																		
11031	2014	GB Haddock West	Handline	Port Clyde Community Groundfish Sector																		
11032	2014	GB Haddock West	Handline	Sustainable Harvest Sector 1																		
11033	2014	GB Haddock West	Handline	Tri-State Sector																		
11034	2014	GB Haddock West	Large Mesh Gillnet	Fixed Gear Sector	14	448	169	37.72	0.00	0.00	0.27	147	32.81	6184	1622109	480335.60	123.00	415	205.60	486	70.50	174
11035	2014	GB Haddock West	Large Mesh Gillnet	Maine Coast Community Sector																		
11036	2014	GB Haddock West	Large Mesh Gillnet	NCCS																		
11037	2014	GB Haddock West	Large Mesh Gillnet	NEFS 10																		
11038	2014	GB Haddock West	Large Mesh Gillnet	NEFS 11																		
11039	2014	GB Haddock West	Large Mesh Gillnet	NEFS 12																		
11040	2014	GB Haddock West	Large Mesh Gillnet	NEFS 13																		
11041	2014	GB Haddock West	Large Mesh Gillnet	NEFS 2																		
11042	2014	GB Haddock West	Large Mesh Gillnet	NEFS 3	6	32	12	37.50	0.00	0.00	0.45	19	59.38	63	59335	21518.60	22.00	61	26.40	44	15.60	22
11043	2014	GB Haddock West	Large Mesh Gillnet	NEFS 5																		
11044	2014	GB Haddock West	Large Mesh Gillnet	NEFS 6																		
11045	2014	GB Haddock West	Large Mesh Gillnet	NEFS 7																		
11046	2014	GB Haddock West	Large Mesh Gillnet	NEFS 8																		
11047	2014	GB Haddock West	Large Mesh Gillnet	NEFS 9																		
11048	2014	GB Haddock West	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11049	2014	GB Haddock West	Large Mesh Gillnet	Sustainable Harvest Sector 1	4	15	4	26.67	0.00	0.00	0.14	2	13.33	2636	128125	32307.80	48.00	190	97.90	104	28.90	31
11050	2014	GB Haddock West	Large Mesh Gillnet	Tri-State Sector																		
11051	2014	GB Haddock West	Ruhle Trawl	Fixed Gear Sector																		
11052	2014	GB Haddock West	Ruhle Trawl	Maine Coast Community Sector																		
11053	2014	GB Haddock West	Ruhle Trawl	NCCS																		
11054	2014	GB Haddock West	Ruhle Trawl	NEFS 10																		
11055	2014	GB Haddock West	Ruhle Trawl	NEFS 11																		
11056	2014	GB Haddock West	Ruhle Trawl	NEFS 12																		
11057	2014	GB Haddock West	Ruhle Trawl	NEFS 13	3	4	1	25.00	0.42					30575	38619	7422.60	3147.00	16374	27.90	29	7.90	8
11058	2014	GB Haddock West	Ruhle Trawl	NEFS 2																		
11059	2014	GB Haddock West	Ruhle Trawl	NEFS 3																		
11060	2014	GB Haddock West	Ruhle Trawl	NEFS 5																		
11061	2014	GB Haddock West	Ruhle Trawl	NEFS 6																		
11062	2014	GB Haddock West	Ruhle Trawl	NEFS 7																		
11063	2014	GB Haddock West	Ruhle Trawl	NEFS 8																		
11064	2014	GB Haddock West	Ruhle Trawl	NEFS 9																		
11065	2014	GB Haddock West	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11066	2014	GB Haddock West	Ruhle Trawl	Sustainable Harvest Sector 1	3	20	4	20.00	0.04	0.00	0.07	1	5.00	675882	740358	54725.70	2022.00	27355	79.40	88	20.30	22
11067	2014	GB Haddock West	Ruhle Trawl	Tri-State Sector																		
11068	2014	GB Winter Flounder	Bottom Longline	Fixed Gear Sector																		
11069	2014	GB Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
11070	2014	GB Winter Flounder	Bottom Longline	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11071	2014	GB Winter Flounder	Bottom Longline	NEFS 10																		
11072	2014	GB Winter Flounder	Bottom Longline	NEFS 11																		
11073	2014	GB Winter Flounder	Bottom Longline	NEFS 12																		
11074	2014	GB Winter Flounder	Bottom Longline	NEFS 13																		
11075	2014	GB Winter Flounder	Bottom Longline	NEFS 2																		
11076	2014	GB Winter Flounder	Bottom Longline	NEFS 3																		
11077	2014	GB Winter Flounder	Bottom Longline	NEFS 5																		
11078	2014	GB Winter Flounder	Bottom Longline	NEFS 6																		
11079	2014	GB Winter Flounder	Bottom Longline	NEFS 7																		
11080	2014	GB Winter Flounder	Bottom Longline	NEFS 8																		
11081	2014	GB Winter Flounder	Bottom Longline	NEFS 9																		
11082	2014	GB Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
11083	2014	GB Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
11084	2014	GB Winter Flounder	Bottom Longline	Tri-State Sector																		
11085	2014	GB Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
11086	2014	GB Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
11087	2014	GB Winter Flounder	Bottom Otter Trawl	NCCS																		
11088	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 10																		
11089	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 11																		
11090	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 12																		
11091	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 13	13	55	15	27.27	0.00	0.00	0.78	40	72.73	227511	1009896	302539.20	320.00	1068	305.00	329	114.10	123
11092	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 2	15	74	19	25.68	0.00	0.00	0.88	56	75.68	31551	960602	303335.70	23.00	73	378.50	402	106.60	115
11093	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 3																		
11094	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 5																		
11095	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 6	4	32	8	25.00	0.00	0.00	0.78	23	71.88	928	370094	84049.60	9.00	40	211.10	225	63.30	67
11096	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 7	9	78	18	23.08	0.00	0.00	0.37	25	32.05	290466	1298755	203385.60	84.00	536	448.90	482	102.50	111
11097	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 8	14	102	20	19.61	0.00	0.00	0.40	31	30.39	380327	1447395	295747.00	137.00	670	532.10	577	145.20	158
11098	2014	GB Winter Flounder	Bottom Otter Trawl	NEFS 9	44	344	79	22.97	0.00	0.00	0.34	95	27.62	1106623	5269568	1347915.70	559.00	2185	1796.30	1929	581.00	614
11099	2014	GB Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11100	2014	GB Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	35	239	54	22.59	0.00	0.00	0.58	126	52.72	121132	3506826	563197.20	33.00	205	1473.60	1564	400.40	428
11101	2014	GB Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
11102	2014	GB Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
11103	2014	GB Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11104	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
11105	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
11106	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
11107	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
11108	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
11109	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
11110	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 3																		
11111	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
11112	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
11113	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 7																		
11114	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
11115	2014	GB Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11116	2014	GB Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11117	2014	GB Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11118	2014	GB Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
11119	2014	GB Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
11120	2014	GB Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
11121	2014	GB Winter Flounder	Haddock Otter Trawl	NCCS																		
11122	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 10																		
11123	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 11																		
11124	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 12																		
11125	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 13																		
11126	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 2	14	71	11	15.49	0.00	0.00	0.73	37	52.11	33278	1627383	205153.40	9.00	71	234.30	256	58.20	63
11127	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 3																		
11128	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 5																		
11129	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 6	3	7	2	28.57	0.00	0.00	0.00	0	0.00	4863	68854	7486.30	0.00	0	52.70	56	13.40	14
11130	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 7																		
11131	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 8	7	25	4	16.00	0.00	0.00	0.64	12	48.00	22731	361627	38766.10	28.00	261	161.80	175	25.10	26
11132	2014	GB Winter Flounder	Haddock Otter Trawl	NEFS 9	21	87	9	10.34	0.00	0.00	1.05	51	58.62	172112	950346	125294.90	37.00	281	505.20	539	63.60	68
11133	2014	GB Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11134	2014	GB Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	26	189	32	16.93	0.00	0.00	0.52	73	38.62	173381	3681304	702390.00	160.00	839	969.80	1029	233.40	246
11135	2014	GB Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
11136	2014	GB Winter Flounder	Handline	Fixed Gear Sector																		
11137	2014	GB Winter Flounder	Handline	Maine Coast Community Sector																		
11138	2014	GB Winter Flounder	Handline	NCCS																		
11139	2014	GB Winter Flounder	Handline	NEFS 10																		
11140	2014	GB Winter Flounder	Handline	NEFS 11																		
11141	2014	GB Winter Flounder	Handline	NEFS 12																		
11142	2014	GB Winter Flounder	Handline	NEFS 13																		
11143	2014	GB Winter Flounder	Handline	NEFS 2																		
11144	2014	GB Winter Flounder	Handline	NEFS 3																		
11145	2014	GB Winter Flounder	Handline	NEFS 5																		
11146	2014	GB Winter Flounder	Handline	NEFS 6																		
11147	2014	GB Winter Flounder	Handline	NEFS 7																		
11148	2014	GB Winter Flounder	Handline	NEFS 8																		
11149	2014	GB Winter Flounder	Handline	NEFS 9																		
11150	2014	GB Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
11151	2014	GB Winter Flounder	Handline	Sustainable Harvest Sector 1																		
11152	2014	GB Winter Flounder	Handline	Tri-State Sector																		
11153	2014	GB Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
11154	2014	GB Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
11155	2014	GB Winter Flounder	Large Mesh Gillnet	NCCS																		
11156	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 10																		
11157	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 11																		
11158	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 12																		
11159	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 13																		
11160	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 2																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11161	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 3																		
11162	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 5																		
11163	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 6																		
11164	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 7																		
11165	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 8																		
11166	2014	GB Winter Flounder	Large Mesh Gillnet	NEFS 9																		
11167	2014	GB Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11168	2014	GB Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	5	26	4	15.38	0.00	0.00	0.00	0	0.00	0	146885	32529.70	0.00	0	97.90	104	28.90	31
11169	2014	GB Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
11170	2014	GB Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
11171	2014	GB Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
11172	2014	GB Winter Flounder	Ruhle Trawl	NCCS																		
11173	2014	GB Winter Flounder	Ruhle Trawl	NEFS 10																		
11174	2014	GB Winter Flounder	Ruhle Trawl	NEFS 11																		
11175	2014	GB Winter Flounder	Ruhle Trawl	NEFS 12																		
11176	2014	GB Winter Flounder	Ruhle Trawl	NEFS 13																		
11177	2014	GB Winter Flounder	Ruhle Trawl	NEFS 2																		
11178	2014	GB Winter Flounder	Ruhle Trawl	NEFS 3																		
11179	2014	GB Winter Flounder	Ruhle Trawl	NEFS 5																		
11180	2014	GB Winter Flounder	Ruhle Trawl	NEFS 6																		
11181	2014	GB Winter Flounder	Ruhle Trawl	NEFS 7																		
11182	2014	GB Winter Flounder	Ruhle Trawl	NEFS 8																		
11183	2014	GB Winter Flounder	Ruhle Trawl	NEFS 9																		
11184	2014	GB Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11185	2014	GB Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	4	16	4	25.00	0.00	0.00	0.00	0	0.00	957	252027	51406.10	0.00	0	64.60	70	20.30	22
11186	2014	GB Winter Flounder	Ruhle Trawl	Tri-State Sector																		
11187	2014	GB Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
11188	2014	GB Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
11189	2014	GB Yellowtail Flounder	Bottom Longline	NCCS																		
11190	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 10																		
11191	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 11																		
11192	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 12																		
11193	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 13																		
11194	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 2																		
11195	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 3																		
11196	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 5																		
11197	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 6																		
11198	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 7																		
11199	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 8																		
11200	2014	GB Yellowtail Flounder	Bottom Longline	NEFS 9																		
11201	2014	GB Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
11202	2014	GB Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
11203	2014	GB Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
11204	2014	GB Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
11205	2014	GB Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11206	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
11207	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
11208	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
11209	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
11210	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	13	55	15	27.27	0.01	0.00	0.48	28	50.91	57097	1009896	302539.20	2066.00	6896	305.00	329	114.10	123
11211	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 2	15	74	19	25.68	0.00	0.00	0.58	42	56.76	2380	960602	303335.70	257.00	814	378.50	402	106.60	115
11212	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
11213	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 5																		
11214	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 6	4	32	8	25.00	0.00	0.00	0.60	19	59.38	45	370094	84049.60	5.00	22	211.10	225	63.30	67
11215	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	9	78	18	23.08	0.00	0.00	0.77	52	66.67	4489	1298755	203385.60	92.00	587	448.90	482	102.50	111
11216	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	14	102	20	19.61	0.00	0.00	0.50	42	41.18	14971	1447395	295747.00	581.00	2843	532.10	577	145.20	158
11217	2014	GB Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	44	344	79	22.97	0.00	0.00	0.32	87	25.29	25560	5249950	1347915.70	838.00	3264	1796.30	1929	581.00	614
11218	2014	GB Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11219	2014	GB Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	35	239	54	22.59	0.00	0.00	0.41	85	35.56	5666	3477591	563197.20	59.00	364	1473.60	1564	400.40	428
11220	2014	GB Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
11221	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
11222	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11223	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
11224	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
11225	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
11226	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
11227	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
11228	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
11229	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3																		
11230	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
11231	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
11232	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7																		
11233	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
11234	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
11235	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11236	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11237	2014	GB Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
11238	2014	GB Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
11239	2014	GB Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
11240	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
11241	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
11242	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
11243	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
11244	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
11245	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 2	14	71	11	15.49	0.00	0.00	0.51	25	35.21	1743	1627383	205153.40	16.00	127	234.30	256	58.20	63
11246	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		
11247	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
11248	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 6	3	7	2	28.57	0.00	0.00	0.00	0	0.00	10	68854	7486.30	0.00	0	52.70	56	13.40	14
11249	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
11250	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 8	7	25	4	16.00	0.00	0.00	0.64	12	48.00	167	361627	38766.10	9.00	84	161.80	175	25.10	26

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11251	2014	GB Yellowtail Flounder	Haddock Otter Trawl	NEFS 9	21	87	9	10.34	0.00	0.00	0.96	47	54.02	6691	910181	125294.90	76.00	552	505.20	539	63.60	68
11252	2014	GB Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11253	2014	GB Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	26	189	32	16.93	0.00	0.00	0.36	43	22.75	5510	3618974	702390.00	721.00	3715	969.80	1029	233.40	246
11254	2014	GB Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
11255	2014	GB Yellowtail Flounder	Handline	Fixed Gear Sector																		
11256	2014	GB Yellowtail Flounder	Handline	Maine Coast Community Sector																		
11257	2014	GB Yellowtail Flounder	Handline	NCCS																		
11258	2014	GB Yellowtail Flounder	Handline	NEFS 10																		
11259	2014	GB Yellowtail Flounder	Handline	NEFS 11																		
11260	2014	GB Yellowtail Flounder	Handline	NEFS 12																		
11261	2014	GB Yellowtail Flounder	Handline	NEFS 13																		
11262	2014	GB Yellowtail Flounder	Handline	NEFS 2																		
11263	2014	GB Yellowtail Flounder	Handline	NEFS 3																		
11264	2014	GB Yellowtail Flounder	Handline	NEFS 5																		
11265	2014	GB Yellowtail Flounder	Handline	NEFS 6																		
11266	2014	GB Yellowtail Flounder	Handline	NEFS 7																		
11267	2014	GB Yellowtail Flounder	Handline	NEFS 8																		
11268	2014	GB Yellowtail Flounder	Handline	NEFS 9																		
11269	2014	GB Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
11270	2014	GB Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
11271	2014	GB Yellowtail Flounder	Handline	Tri-State Sector																		
11272	2014	GB Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
11273	2014	GB Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
11274	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
11275	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
11276	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
11277	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
11278	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
11279	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
11280	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 3																		
11281	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
11282	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
11283	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
11284	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
11285	2014	GB Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
11286	2014	GB Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11287	2014	GB Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	5	26	4	15.38	0.00	0.00	0.00	0	0.00	0	146885	32529.70	0.00	0	97.90	104	28.90	31
11288	2014	GB Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
11289	2014	GB Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
11290	2014	GB Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
11291	2014	GB Yellowtail Flounder	Ruhle Trawl	NCCS																		
11292	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
11293	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
11294	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
11295	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11296	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
11297	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
11298	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
11299	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
11300	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
11301	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
11302	2014	GB Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
11303	2014	GB Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11304	2014	GB Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	4	16	4	25.00	0.00	0.00	0.22	3	18.75	309	244744	51406.10	25.00	119	64.60	70	20.30	22
11305	2014	GB Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
11306	2014	GOM Cod	Bottom Longline	Fixed Gear Sector																		
11307	2014	GOM Cod	Bottom Longline	Maine Coast Community Sector																		
11308	2014	GOM Cod	Bottom Longline	NCCS																		
11309	2014	GOM Cod	Bottom Longline	NEFS 10																		
11310	2014	GOM Cod	Bottom Longline	NEFS 11																		
11311	2014	GOM Cod	Bottom Longline	NEFS 12																		
11312	2014	GOM Cod	Bottom Longline	NEFS 13																		
11313	2014	GOM Cod	Bottom Longline	NEFS 2																		
11314	2014	GOM Cod	Bottom Longline	NEFS 3	4	30	9	30.00	0.01	0.00	0.60	19	63.33	2621	25373	10268.30	64.02	158	13.90	31	3.90	9
11315	2014	GOM Cod	Bottom Longline	NEFS 5																		
11316	2014	GOM Cod	Bottom Longline	NEFS 6																		
11317	2014	GOM Cod	Bottom Longline	NEFS 7																		
11318	2014	GOM Cod	Bottom Longline	NEFS 8																		
11319	2014	GOM Cod	Bottom Longline	NEFS 9																		
11320	2014	GOM Cod	Bottom Longline	Port Clyde Community Groundfish Sector																		
11321	2014	GOM Cod	Bottom Longline	Sustainable Harvest Sector 1																		
11322	2014	GOM Cod	Bottom Longline	Tri-State Sector																		
11323	2014	GOM Cod	Bottom Otter Trawl	Fixed Gear Sector																		
11324	2014	GOM Cod	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.00	0	0.00	3616	154677	25447.80	0.00	0	71.10	97	14.90	20
11325	2014	GOM Cod	Bottom Otter Trawl	NCCS																		
11326	2014	GOM Cod	Bottom Otter Trawl	NEFS 10	6	165	54	32.73	0.00	0.00	0.60	110	66.67	44680	447731	137331.00	524.25	1709	76.40	165	24.90	54
11327	2014	GOM Cod	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.33	51	38.93	28574	175151	61222.20	61.50	176	57.90	133	18.80	45
11328	2014	GOM Cod	Bottom Otter Trawl	NEFS 12																		
11329	2014	GOM Cod	Bottom Otter Trawl	NEFS 13																		
11330	2014	GOM Cod	Bottom Otter Trawl	NEFS 2	44	718	189	26.32	0.00	0.00	0.36	244	33.98	249969	3510177	907937.20	2419.50	9354	958.20	1292	301.40	395
11331	2014	GOM Cod	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.51	32	49.23	35805	88342	15579.60	13.50	77	39.60	68	9.80	17
11332	2014	GOM Cod	Bottom Otter Trawl	NEFS 5																		
11333	2014	GOM Cod	Bottom Otter Trawl	NEFS 6	14	124	21	16.94	0.00	0.00	0.74	69	55.65	59094	1775437	305904.80	147.75	858	499.10	539	129.30	139
11334	2014	GOM Cod	Bottom Otter Trawl	NEFS 7																		
11335	2014	GOM Cod	Bottom Otter Trawl	NEFS 8																		
11336	2014	GOM Cod	Bottom Otter Trawl	NEFS 9	24	108	26	24.07	0.00	0.00	0.22	16	14.81	20122	2686407	583017.10	180.00	829	565.40	611	204.70	219
11337	2014	GOM Cod	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11338	2014	GOM Cod	Bottom Otter Trawl	Sustainable Harvest Sector 1	95	842	174	20.67	0.00	0.00	0.38	247	29.33	249911	11833822	2888755.10	2521.50	10329	2927.20	3234	811.70	900
11339	2014	GOM Cod	Bottom Otter Trawl	Tri-State Sector																		
11340	2014	GOM Cod	Extra Large Mesh Gillnet	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11341	2014	GOM Cod	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11342	2014	GOM Cod	Extra Large Mesh Gillnet	NCCS																		
11343	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 10																		
11344	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 11	9	144	64	44.44	0.00	0.00	0.22	45	31.25	1211	118309	39689.90	58.40	174	112.90	180	49.80	80
11345	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 12																		
11346	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 13																		
11347	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 2																		
11348	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 3	8	197	72	36.55	0.00	0.00	0.21	42	21.32	13586	349336	64986.30	264.00	1419	143.60	255	47.20	86
11349	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 5																		
11350	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 6																		
11351	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 7	3	27	8	29.63	0.00	0.00	0.17	4	14.81	741	154008	38307.30	138.40	556	110.00	119	34.00	38
11352	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 8																		
11353	2014	GOM Cod	Extra Large Mesh Gillnet	NEFS 9																		
11354	2014	GOM Cod	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11355	2014	GOM Cod	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11356	2014	GOM Cod	Extra Large Mesh Gillnet	Tri-State Sector																		
11357	2014	GOM Cod	Haddock Otter Trawl	Fixed Gear Sector																		
11358	2014	GOM Cod	Haddock Otter Trawl	Maine Coast Community Sector																		
11359	2014	GOM Cod	Haddock Otter Trawl	NCCS																		
11360	2014	GOM Cod	Haddock Otter Trawl	NEFS 10																		
11361	2014	GOM Cod	Haddock Otter Trawl	NEFS 11																		
11362	2014	GOM Cod	Haddock Otter Trawl	NEFS 12																		
11363	2014	GOM Cod	Haddock Otter Trawl	NEFS 13																		
11364	2014	GOM Cod	Haddock Otter Trawl	NEFS 2																		
11365	2014	GOM Cod	Haddock Otter Trawl	NEFS 3																		
11366	2014	GOM Cod	Haddock Otter Trawl	NEFS 5																		
11367	2014	GOM Cod	Haddock Otter Trawl	NEFS 6																		
11368	2014	GOM Cod	Haddock Otter Trawl	NEFS 7																		
11369	2014	GOM Cod	Haddock Otter Trawl	NEFS 8																		
11370	2014	GOM Cod	Haddock Otter Trawl	NEFS 9																		
11371	2014	GOM Cod	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11372	2014	GOM Cod	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
11373	2014	GOM Cod	Haddock Otter Trawl	Tri-State Sector																		
11374	2014	GOM Cod	Handline	Fixed Gear Sector																		
11375	2014	GOM Cod	Handline	Maine Coast Community Sector																		
11376	2014	GOM Cod	Handline	NCCS																		
11377	2014	GOM Cod	Handline	NEFS 10																		
11378	2014	GOM Cod	Handline	NEFS 11																		
11379	2014	GOM Cod	Handline	NEFS 12																		
11380	2014	GOM Cod	Handline	NEFS 13																		
11381	2014	GOM Cod	Handline	NEFS 2																		
11382	2014	GOM Cod	Handline	NEFS 3																		
11383	2014	GOM Cod	Handline	NEFS 5																		
11384	2014	GOM Cod	Handline	NEFS 6																		
11385	2014	GOM Cod	Handline	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11386	2014	GOM Cod	Handline	NEFS 8																		
11387	2014	GOM Cod	Handline	NEFS 9																		
11388	2014	GOM Cod	Handline	Port Clyde Community Groundfish Sector																		
11389	2014	GOM Cod	Handline	Sustainable Harvest Sector 1																		
11390	2014	GOM Cod	Handline	Tri-State Sector																		
11391	2014	GOM Cod	Large Mesh Gillnet	Fixed Gear Sector																		
11392	2014	GOM Cod	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.21	66	16.10	118724	1429826	353463.60	1060.80	4291	450.00	649	123.20	177
11393	2014	GOM Cod	Large Mesh Gillnet	NCCS																		
11394	2014	GOM Cod	Large Mesh Gillnet	NEFS 10	4	177	47	26.55	0.00	0.00	0.23	31	17.51	12217	432948	79347.80	88.00	480	109.70	192	26.40	49
11395	2014	GOM Cod	Large Mesh Gillnet	NEFS 11	25	891	252	28.28	0.00	0.00	0.12	57	6.40	247783	3235963	759102.60	2376.00	10129	808.30	1288	220.80	354
11396	2014	GOM Cod	Large Mesh Gillnet	NEFS 12																		
11397	2014	GOM Cod	Large Mesh Gillnet	NEFS 13																		
11398	2014	GOM Cod	Large Mesh Gillnet	NEFS 2																		
11399	2014	GOM Cod	Large Mesh Gillnet	NEFS 3	17	666	206	30.93	0.00	0.00	0.12	47	7.06	131268	1649531	447073.20	1455.20	5369	353.20	746	107.30	226
11400	2014	GOM Cod	Large Mesh Gillnet	NEFS 5																		
11401	2014	GOM Cod	Large Mesh Gillnet	NEFS 6																		
11402	2014	GOM Cod	Large Mesh Gillnet	NEFS 7																		
11403	2014	GOM Cod	Large Mesh Gillnet	NEFS 8																		
11404	2014	GOM Cod	Large Mesh Gillnet	NEFS 9																		
11405	2014	GOM Cod	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11406	2014	GOM Cod	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	187	49	26.20	0.00	0.00	0.14	13	6.95	120551	1322646	392880.70	1225.60	4126	606.40	691	167.90	192
11407	2014	GOM Cod	Large Mesh Gillnet	Tri-State Sector																		
11408	2014	GOM Cod	Ruhle Trawl	Fixed Gear Sector																		
11409	2014	GOM Cod	Ruhle Trawl	Maine Coast Community Sector																		
11410	2014	GOM Cod	Ruhle Trawl	NCCS																		
11411	2014	GOM Cod	Ruhle Trawl	NEFS 10																		
11412	2014	GOM Cod	Ruhle Trawl	NEFS 11																		
11413	2014	GOM Cod	Ruhle Trawl	NEFS 12																		
11414	2014	GOM Cod	Ruhle Trawl	NEFS 13																		
11415	2014	GOM Cod	Ruhle Trawl	NEFS 2																		
11416	2014	GOM Cod	Ruhle Trawl	NEFS 3																		
11417	2014	GOM Cod	Ruhle Trawl	NEFS 5																		
11418	2014	GOM Cod	Ruhle Trawl	NEFS 6																		
11419	2014	GOM Cod	Ruhle Trawl	NEFS 7																		
11420	2014	GOM Cod	Ruhle Trawl	NEFS 8																		
11421	2014	GOM Cod	Ruhle Trawl	NEFS 9																		
11422	2014	GOM Cod	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11423	2014	GOM Cod	Ruhle Trawl	Sustainable Harvest Sector 1																		
11424	2014	GOM Cod	Ruhle Trawl	Tri-State Sector																		
11425	2014	GOM Haddock	Bottom Longline	Fixed Gear Sector																		
11426	2014	GOM Haddock	Bottom Longline	Maine Coast Community Sector																		
11427	2014	GOM Haddock	Bottom Longline	NCCS																		
11428	2014	GOM Haddock	Bottom Longline	NEFS 10																		
11429	2014	GOM Haddock	Bottom Longline	NEFS 11																		
11430	2014	GOM Haddock	Bottom Longline	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11431	2014	GOM Haddock	Bottom Longline	NEFS 13																		
11432	2014	GOM Haddock	Bottom Longline	NEFS 2																		
11433	2014	GOM Haddock	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.56	18	60.00	9093	25373	10268.30	24.00	59	13.90	31	3.90	9
11434	2014	GOM Haddock	Bottom Longline	NEFS 5																		
11435	2014	GOM Haddock	Bottom Longline	NEFS 6																		
11436	2014	GOM Haddock	Bottom Longline	NEFS 7																		
11437	2014	GOM Haddock	Bottom Longline	NEFS 8																		
11438	2014	GOM Haddock	Bottom Longline	NEFS 9																		
11439	2014	GOM Haddock	Bottom Longline	Port Clyde Community Groundfish Sector																		
11440	2014	GOM Haddock	Bottom Longline	Sustainable Harvest Sector 1																		
11441	2014	GOM Haddock	Bottom Longline	Tri-State Sector																		
11442	2014	GOM Haddock	Bottom Otter Trawl	Fixed Gear Sector																		
11443	2014	GOM Haddock	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.27	12	23.53	1544	154677	25447.80	23.00	140	71.10	97	14.90	20
11444	2014	GOM Haddock	Bottom Otter Trawl	NCCS																		
11445	2014	GOM Haddock	Bottom Otter Trawl	NEFS 10	6	165	54	32.73	0.00	0.00	0.20	30	18.18	2521	447731	137331.00	102.00	333	76.40	165	24.90	54
11446	2014	GOM Haddock	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.36	57	43.51	376	175151	61222.20	123.00	352	57.90	133	18.80	45
11447	2014	GOM Haddock	Bottom Otter Trawl	NEFS 12																		
11448	2014	GOM Haddock	Bottom Otter Trawl	NEFS 13																		
11449	2014	GOM Haddock	Bottom Otter Trawl	NEFS 2	44	718	189	26.32	0.01	0.00	0.32	212	29.53	114994	3510177	907937.20	4563.00	17641	958.20	1292	301.40	395
11450	2014	GOM Haddock	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.48	30	46.15	7346	88342	15579.60	17.00	96	39.60	68	9.80	17
11451	2014	GOM Haddock	Bottom Otter Trawl	NEFS 5																		
11452	2014	GOM Haddock	Bottom Otter Trawl	NEFS 6	14	124	21	16.94	0.00	0.00	0.59	55	44.35	29310	1775437	305904.80	1317.00	7644	499.10	539	129.30	139
11453	2014	GOM Haddock	Bottom Otter Trawl	NEFS 7																		
11454	2014	GOM Haddock	Bottom Otter Trawl	NEFS 8																		
11455	2014	GOM Haddock	Bottom Otter Trawl	NEFS 9	24	108	26	24.07	0.00	0.00	0.15	8	7.41	35764	2686407	583017.10	1069.00	4926	565.40	611	204.70	219
11456	2014	GOM Haddock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11457	2014	GOM Haddock	Bottom Otter Trawl	Sustainable Harvest Sector 1	95	842	174	20.67	0.00	0.00	0.12	34	4.04	395865	11833822	2888755.10	5640.00	23104	2927.20	3234	811.70	900
11458	2014	GOM Haddock	Bottom Otter Trawl	Tri-State Sector																		
11459	2014	GOM Haddock	Extra Large Mesh Gillnet	Fixed Gear Sector																		
11460	2014	GOM Haddock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11461	2014	GOM Haddock	Extra Large Mesh Gillnet	NCCS																		
11462	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 10																		
11463	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 11	9	144	64	44.44	0.00	0.00	0.30	65	45.14	116	118309	39689.90	15.00	45	112.90	180	49.80	80
11464	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 12																		
11465	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 13																		
11466	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 2																		
11467	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 3	8	197	72	36.55	0.00	0.00	0.32	79	40.10	364	349336	64986.30	24.00	129	143.60	255	47.20	86
11468	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 5																		
11469	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 6																		
11470	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 7	3	27	8	29.63	0.00	0.00	0.47	14	51.85	22	154008	38307.30	7.00	28	110.00	119	34.00	38
11471	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 8																		
11472	2014	GOM Haddock	Extra Large Mesh Gillnet	NEFS 9																		
11473	2014	GOM Haddock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11474	2014	GOM Haddock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11475	2014	GOM Haddock	Extra Large Mesh Gillnet	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11476	2014	GOM Haddock	Haddock Otter Trawl	Fixed Gear Sector																		
11477	2014	GOM Haddock	Haddock Otter Trawl	Maine Coast Community Sector																		
11478	2014	GOM Haddock	Haddock Otter Trawl	NCCS																		
11479	2014	GOM Haddock	Haddock Otter Trawl	NEFS 10																		
11480	2014	GOM Haddock	Haddock Otter Trawl	NEFS 11																		
11481	2014	GOM Haddock	Haddock Otter Trawl	NEFS 12																		
11482	2014	GOM Haddock	Haddock Otter Trawl	NEFS 13																		
11483	2014	GOM Haddock	Haddock Otter Trawl	NEFS 2																		
11484	2014	GOM Haddock	Haddock Otter Trawl	NEFS 3																		
11485	2014	GOM Haddock	Haddock Otter Trawl	NEFS 5																		
11486	2014	GOM Haddock	Haddock Otter Trawl	NEFS 6																		
11487	2014	GOM Haddock	Haddock Otter Trawl	NEFS 7																		
11488	2014	GOM Haddock	Haddock Otter Trawl	NEFS 8																		
11489	2014	GOM Haddock	Haddock Otter Trawl	NEFS 9																		
11490	2014	GOM Haddock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11491	2014	GOM Haddock	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
11492	2014	GOM Haddock	Haddock Otter Trawl	Tri-State Sector																		
11493	2014	GOM Haddock	Handline	Fixed Gear Sector																		
11494	2014	GOM Haddock	Handline	Maine Coast Community Sector																		
11495	2014	GOM Haddock	Handline	NCCS																		
11496	2014	GOM Haddock	Handline	NEFS 10																		
11497	2014	GOM Haddock	Handline	NEFS 11																		
11498	2014	GOM Haddock	Handline	NEFS 12																		
11499	2014	GOM Haddock	Handline	NEFS 13																		
11500	2014	GOM Haddock	Handline	NEFS 2																		
11501	2014	GOM Haddock	Handline	NEFS 3																		
11502	2014	GOM Haddock	Handline	NEFS 5																		
11503	2014	GOM Haddock	Handline	NEFS 6																		
11504	2014	GOM Haddock	Handline	NEFS 7																		
11505	2014	GOM Haddock	Handline	NEFS 8																		
11506	2014	GOM Haddock	Handline	NEFS 9																		
11507	2014	GOM Haddock	Handline	Port Clyde Community Groundfish Sector																		
11508	2014	GOM Haddock	Handline	Sustainable Harvest Sector 1																		
11509	2014	GOM Haddock	Handline	Tri-State Sector																		
11510	2014	GOM Haddock	Large Mesh Gillnet	Fixed Gear Sector																		
11511	2014	GOM Haddock	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.15	34	8.29	6093	1429826	353463.60	324.00	1311	450.00	649	123.20	177
11512	2014	GOM Haddock	Large Mesh Gillnet	NCCS																		
11513	2014	GOM Haddock	Large Mesh Gillnet	NEFS 10	4	177	47	26.55	0.00	0.00	0.47	83	46.89	1113	432948	79347.80	32.00	175	109.70	192	26.40	49
11514	2014	GOM Haddock	Large Mesh Gillnet	NEFS 11	25	891	252	28.28	0.00	0.00	0.10	36	4.04	20203	3235963	759102.60	1216.00	5184	808.30	1288	220.80	354
11515	2014	GOM Haddock	Large Mesh Gillnet	NEFS 12																		
11516	2014	GOM Haddock	Large Mesh Gillnet	NEFS 13																		
11517	2014	GOM Haddock	Large Mesh Gillnet	NEFS 2																		
11518	2014	GOM Haddock	Large Mesh Gillnet	NEFS 3	17	666	206	30.93	0.00	0.00	0.13	56	8.41	8099	1649531	447073.20	403.00	1487	353.20	746	107.30	226
11519	2014	GOM Haddock	Large Mesh Gillnet	NEFS 5																		
11520	2014	GOM Haddock	Large Mesh Gillnet	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11521	2014	GOM Haddock	Large Mesh Gillnet	NEFS 7																		
11522	2014	GOM Haddock	Large Mesh Gillnet	NEFS 8																		
11523	2014	GOM Haddock	Large Mesh Gillnet	NEFS 9																		
11524	2014	GOM Haddock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11525	2014	GOM Haddock	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	187	49	26.20	0.00	0.00	0.18	22	11.76	10729	1322646	392880.70	640.00	2155	606.40	691	167.90	192
11526	2014	GOM Haddock	Large Mesh Gillnet	Tri-State Sector																		
11527	2014	GOM Haddock	Ruhle Trawl	Fixed Gear Sector																		
11528	2014	GOM Haddock	Ruhle Trawl	Maine Coast Community Sector																		
11529	2014	GOM Haddock	Ruhle Trawl	NCCS																		
11530	2014	GOM Haddock	Ruhle Trawl	NEFS 10																		
11531	2014	GOM Haddock	Ruhle Trawl	NEFS 11																		
11532	2014	GOM Haddock	Ruhle Trawl	NEFS 12																		
11533	2014	GOM Haddock	Ruhle Trawl	NEFS 13																		
11534	2014	GOM Haddock	Ruhle Trawl	NEFS 2																		
11535	2014	GOM Haddock	Ruhle Trawl	NEFS 3																		
11536	2014	GOM Haddock	Ruhle Trawl	NEFS 5																		
11537	2014	GOM Haddock	Ruhle Trawl	NEFS 6																		
11538	2014	GOM Haddock	Ruhle Trawl	NEFS 7																		
11539	2014	GOM Haddock	Ruhle Trawl	NEFS 8																		
11540	2014	GOM Haddock	Ruhle Trawl	NEFS 9																		
11541	2014	GOM Haddock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11542	2014	GOM Haddock	Ruhle Trawl	Sustainable Harvest Sector 1																		
11543	2014	GOM Haddock	Ruhle Trawl	Tri-State Sector																		
11544	2014	GOM Winter Flounder	Bottom Longline	Fixed Gear Sector																		
11545	2014	GOM Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
11546	2014	GOM Winter Flounder	Bottom Longline	NCCS																		
11547	2014	GOM Winter Flounder	Bottom Longline	NEFS 10																		
11548	2014	GOM Winter Flounder	Bottom Longline	NEFS 11																		
11549	2014	GOM Winter Flounder	Bottom Longline	NEFS 12																		
11550	2014	GOM Winter Flounder	Bottom Longline	NEFS 13																		
11551	2014	GOM Winter Flounder	Bottom Longline	NEFS 2																		
11552	2014	GOM Winter Flounder	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
11553	2014	GOM Winter Flounder	Bottom Longline	NEFS 5																		
11554	2014	GOM Winter Flounder	Bottom Longline	NEFS 6																		
11555	2014	GOM Winter Flounder	Bottom Longline	NEFS 7																		
11556	2014	GOM Winter Flounder	Bottom Longline	NEFS 8																		
11557	2014	GOM Winter Flounder	Bottom Longline	NEFS 9																		
11558	2014	GOM Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
11559	2014	GOM Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
11560	2014	GOM Winter Flounder	Bottom Longline	Tri-State Sector																		
11561	2014	GOM Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
11562	2014	GOM Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.83	38	74.51	16	154677	25447.80	0.50	3	71.10	97	14.90	20
11563	2014	GOM Winter Flounder	Bottom Otter Trawl	NCCS																		
11564	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 10	6	165	54	32.73	0.01	0.00	0.17	22	13.33	88315	447731	137331.00	1060.00	3456	76.40	165	24.90	54
11565	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.24	34	25.95	838	175151	61222.20	8.00	23	57.90	133	18.80	45

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11566	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 12																		
11567	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 13																		
11568	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 2	44	718	189	26.32	0.00	0.00	0.23	126	17.55	24805	3510177	907937.20	98.00	379	958.20	1292	301.40	395
11569	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.41	25	38.46	4249	88342	15579.60	3.00	17	39.60	68	9.80	17
11570	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 5																		
11571	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 6	14	124	21	16.94	0.00	0.00	0.88	79	63.71	1260	1775437	305904.80	8.00	46	499.10	539	129.30	139
11572	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 7																		
11573	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 8																		
11574	2014	GOM Winter Flounder	Bottom Otter Trawl	NEFS 9	24	108	26	24.07	0.00	0.00	0.00	0	0.00	3	2686407	583017.10	0.00	0	565.40	611	204.70	219
11575	2014	GOM Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11576	2014	GOM Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	95	842	174	20.67	0.00	0.00	0.46	322	38.24	3540	11833822	2888755.10	36.00	147	2927.20	3234	811.70	900
11577	2014	GOM Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
11578	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector																		
11579	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11580	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
11581	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
11582	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 11	9	144	64	44.44	0.00	0.00	0.75	121	84.03	21	118309	39689.90	1.50	4	112.90	180	49.80	80
11583	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
11584	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
11585	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
11586	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	8	197	72	36.55	0.00	0.00	0.00	0	0.00	352	349336	64986.30	0.00	0	143.60	255	47.20	86
11587	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		
11588	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
11589	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	3	27	8	29.63	0.00	0.00	0.00	0	0.00	0	154008	38307.30	0.00	0	110.00	119	34.00	38
11590	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
11591	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
11592	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11593	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11594	2014	GOM Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
11595	2014	GOM Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
11596	2014	GOM Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
11597	2014	GOM Winter Flounder	Haddock Otter Trawl	NCCS																		
11598	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 10																		
11599	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 11																		
11600	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 12																		
11601	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 13																		
11602	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 2																		
11603	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 3																		
11604	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 5																		
11605	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 6																		
11606	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 7																		
11607	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 8																		
11608	2014	GOM Winter Flounder	Haddock Otter Trawl	NEFS 9																		
11609	2014	GOM Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11610	2014	GOM Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11611	2014	GOM Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
11612	2014	GOM Winter Flounder	Handline	Fixed Gear Sector																		
11613	2014	GOM Winter Flounder	Handline	Maine Coast Community Sector																		
11614	2014	GOM Winter Flounder	Handline	NCCS																		
11615	2014	GOM Winter Flounder	Handline	NEFS 10																		
11616	2014	GOM Winter Flounder	Handline	NEFS 11																		
11617	2014	GOM Winter Flounder	Handline	NEFS 12																		
11618	2014	GOM Winter Flounder	Handline	NEFS 13																		
11619	2014	GOM Winter Flounder	Handline	NEFS 2																		
11620	2014	GOM Winter Flounder	Handline	NEFS 3																		
11621	2014	GOM Winter Flounder	Handline	NEFS 5																		
11622	2014	GOM Winter Flounder	Handline	NEFS 6																		
11623	2014	GOM Winter Flounder	Handline	NEFS 7																		
11624	2014	GOM Winter Flounder	Handline	NEFS 8																		
11625	2014	GOM Winter Flounder	Handline	NEFS 9																		
11626	2014	GOM Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
11627	2014	GOM Winter Flounder	Handline	Sustainable Harvest Sector 1																		
11628	2014	GOM Winter Flounder	Handline	Tri-State Sector																		
11629	2014	GOM Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
11630	2014	GOM Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.00	0	0.00	46	1429826	353463.60	0.00	0	450.00	649	123.20	177
11631	2014	GOM Winter Flounder	Large Mesh Gillnet	NCCS																		
11632	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 10	4	177	47	26.55	0.00	0.00	0.37	63	35.59	16129	432948	79347.80	9.00	49	109.70	192	26.40	49
11633	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 11	25	891	252	28.28	0.00	0.00	0.21	144	16.16	5970	3235963	759102.60	38.50	164	808.30	1288	220.80	354
11634	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 12																		
11635	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 13																		
11636	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 2																		
11637	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 3	17	666	206	30.93	0.00	0.00	0.22	128	19.22	16234	1649531	447073.20	46.00	170	353.20	746	107.30	226
11638	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 5																		
11639	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 6																		
11640	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 7																		
11641	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 8																		
11642	2014	GOM Winter Flounder	Large Mesh Gillnet	NEFS 9																		
11643	2014	GOM Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11644	2014	GOM Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	12	187	49	26.20	0.00	0.00	0.87	141	75.40	25	1322646	392880.70	5.50	19	606.40	691	167.90	192
11645	2014	GOM Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
11646	2014	GOM Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
11647	2014	GOM Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
11648	2014	GOM Winter Flounder	Ruhle Trawl	NCCS																		
11649	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 10																		
11650	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 11																		
11651	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 12																		
11652	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 13																		
11653	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 2																		
11654	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 3																		
11655	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11656	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 6																		
11657	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 7																		
11658	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 8																		
11659	2014	GOM Winter Flounder	Ruhle Trawl	NEFS 9																		
11660	2014	GOM Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11661	2014	GOM Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
11662	2014	GOM Winter Flounder	Ruhle Trawl	Tri-State Sector																		
11663	2014	Halibut	Bottom Longline	Fixed Gear Sector																		
11664	2014	Halibut	Bottom Longline	Maine Coast Community Sector																		
11665	2014	Halibut	Bottom Longline	NCCS																		
11666	2014	Halibut	Bottom Longline	NEFS 10																		
11667	2014	Halibut	Bottom Longline	NEFS 11																		
11668	2014	Halibut	Bottom Longline	NEFS 12																		
11669	2014	Halibut	Bottom Longline	NEFS 13																		
11670	2014	Halibut	Bottom Longline	NEFS 2																		
11671	2014	Halibut	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
11672	2014	Halibut	Bottom Longline	NEFS 5																		
11673	2014	Halibut	Bottom Longline	NEFS 6																		
11674	2014	Halibut	Bottom Longline	NEFS 7																		
11675	2014	Halibut	Bottom Longline	NEFS 8																		
11676	2014	Halibut	Bottom Longline	NEFS 9																		
11677	2014	Halibut	Bottom Longline	Port Clyde Community Groundfish Sector																		
11678	2014	Halibut	Bottom Longline	Sustainable Harvest Sector 1																		
11679	2014	Halibut	Bottom Longline	Tri-State Sector																		
11680	2014	Halibut	Bottom Otter Trawl	Fixed Gear Sector																		
11681	2014	Halibut	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.01	0.00	0.51	27	52.94	354	154677	25447.80	172.00	1045	71.10	97	14.90	20
11682	2014	Halibut	Bottom Otter Trawl	NCCS																		
11683	2014	Halibut	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.41	88	44.00	123	470759	160498.60	122.00	358	89.00	201	27.10	58
11684	2014	Halibut	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.44	70	53.44	63	175151	61222.20	24.00	69	57.90	133	18.80	45
11685	2014	Halibut	Bottom Otter Trawl	NEFS 12																		
11686	2014	Halibut	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.39	125	36.55	939	3350017	718732.30	383.00	1785	756.80	907	240.40	282
11687	2014	Halibut	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.30	206	22.74	2640	5527477	1441149.50	911.00	3494	1300.30	1663	354.90	456
11688	2014	Halibut	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.93	50	76.92	40	88342	15579.60	5.00	28	39.60	68	9.80	17
11689	2014	Halibut	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.00	0	0.00	0	5138060	1435714.80	0.00	0	583.50	970	156.50	255
11690	2014	Halibut	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.28	25	11.68	2249	3162349	565754.50	615.00	3438	618.30	664	171.50	184
11691	2014	Halibut	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.37	50	30.67	1340	1995266	378056.70	149.00	786	637.00	702	149.20	167
11692	2014	Halibut	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.30	30	16.76	1413	2266180	432991.20	228.00	1193	687.70	752	180.10	198
11693	2014	Halibut	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.20	58	7.71	7105	10988348	2502773.90	1269.00	5572	2686.20	2915	812.90	868
11694	2014	Halibut	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11695	2014	Halibut	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.13	51	3.74	15331	18391827	4078972.90	4763.00	21476	4168.60	4578	1102.20	1215
11696	2014	Halibut	Bottom Otter Trawl	Tri-State Sector																		
11697	2014	Halibut	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.21	200	16.61	907	8639508	2225490.10	288.00	1118	427.30	1228	156.40	387
11698	2014	Halibut	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11699	2014	Halibut	Extra Large Mesh Gillnet	NCCS																		
11700	2014	Halibut	Extra Large Mesh Gillnet	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11701	2014	Halibut	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.01	0.00	0.20	40	27.21	325	136849	50437.90	483.00	1310	114.10	183	51.60	84
11702	2014	Halibut	Extra Large Mesh Gillnet	NEFS 12																		
11703	2014	Halibut	Extra Large Mesh Gillnet	NEFS 13																		
11704	2014	Halibut	Extra Large Mesh Gillnet	NEFS 2																		
11705	2014	Halibut	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.01	0.00	0.18	34	15.60	1243	438096	65766.70	732.00	4876	160.40	282	47.80	87
11706	2014	Halibut	Extra Large Mesh Gillnet	NEFS 5																		
11707	2014	Halibut	Extra Large Mesh Gillnet	NEFS 6																		
11708	2014	Halibut	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.01	0.00	0.36	25	35.71	710	474502	109628.80	1174.00	5081	141.30	164	43.00	51
11709	2014	Halibut	Extra Large Mesh Gillnet	NEFS 8																		
11710	2014	Halibut	Extra Large Mesh Gillnet	NEFS 9																		
11711	2014	Halibut	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11712	2014	Halibut	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11713	2014	Halibut	Extra Large Mesh Gillnet	Tri-State Sector																		
11714	2014	Halibut	Haddock Otter Trawl	Fixed Gear Sector																		
11715	2014	Halibut	Haddock Otter Trawl	Maine Coast Community Sector																		
11716	2014	Halibut	Haddock Otter Trawl	NCCS																		
11717	2014	Halibut	Haddock Otter Trawl	NEFS 10																		
11718	2014	Halibut	Haddock Otter Trawl	NEFS 11																		
11719	2014	Halibut	Haddock Otter Trawl	NEFS 12																		
11720	2014	Halibut	Haddock Otter Trawl	NEFS 13																		
11721	2014	Halibut	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.55	34	35.42	929	2095969	369779.30	426.00	2415	298.90	325	66.60	72
11722	2014	Halibut	Haddock Otter Trawl	NEFS 3																		
11723	2014	Halibut	Haddock Otter Trawl	NEFS 5																		
11724	2014	Halibut	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.52	6	66.67	225	75253	11202.30	29.00	195	52.70	56	20.70	22
11725	2014	Halibut	Haddock Otter Trawl	NEFS 7																		
11726	2014	Halibut	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.40	8	32.00	112	361627	56033.90	84.00	542	161.80	175	29.70	31
11727	2014	Halibut	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.63	32	36.36	185	887800	127537.80	17.00	118	505.20	539	71.90	77
11728	2014	Halibut	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11729	2014	Halibut	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.30	35	16.83	1938	3716391	836556.70	147.00	653	1016.10	1080	248.00	262
11730	2014	Halibut	Haddock Otter Trawl	Tri-State Sector																		
11731	2014	Halibut	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
11732	2014	Halibut	Handline	Maine Coast Community Sector																		
11733	2014	Halibut	Handline	NCCS																		
11734	2014	Halibut	Handline	NEFS 10																		
11735	2014	Halibut	Handline	NEFS 11																		
11736	2014	Halibut	Handline	NEFS 12																		
11737	2014	Halibut	Handline	NEFS 13																		
11738	2014	Halibut	Handline	NEFS 2																		
11739	2014	Halibut	Handline	NEFS 3																		
11740	2014	Halibut	Handline	NEFS 5																		
11741	2014	Halibut	Handline	NEFS 6																		
11742	2014	Halibut	Handline	NEFS 7																		
11743	2014	Halibut	Handline	NEFS 8																		
11744	2014	Halibut	Handline	NEFS 9																		
11745	2014	Halibut	Handline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11746	2014	Halibut	Handline	Sustainable Harvest Sector 1																		
11747	2014	Halibut	Handline	Tri-State Sector																		
11748	2014	Halibut	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.44	257	57.11	418	1638677	485437.90	56.00	189	217.40	499	76.00	180
11749	2014	Halibut	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.18	49	11.95	693	1429826	353463.60	424.00	1715	450.00	649	123.20	177
11750	2014	Halibut	Large Mesh Gillnet	NCCS																		
11751	2014	Halibut	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.47	89	47.34	47	473965	92516.60	36.00	184	133.60	220	35.40	59
11752	2014	Halibut	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.24	186	20.81	1469	3256715	768846.50	534.00	2262	820.80	1302	226.60	361
11753	2014	Halibut	Large Mesh Gillnet	NEFS 12																		
11754	2014	Halibut	Large Mesh Gillnet	NEFS 13																		
11755	2014	Halibut	Large Mesh Gillnet	NEFS 2																		
11756	2014	Halibut	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.29	210	30.09	691	1708866	468591.80	91.00	332	379.60	790	122.90	248
11757	2014	Halibut	Large Mesh Gillnet	NEFS 5																		
11758	2014	Halibut	Large Mesh Gillnet	NEFS 6																		
11759	2014	Halibut	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.01	0.00	0.71	16	53.33	112	88536	15012.50	82.00	484	104.10	115	26.20	28
11760	2014	Halibut	Large Mesh Gillnet	NEFS 8																		
11761	2014	Halibut	Large Mesh Gillnet	NEFS 9																		
11762	2014	Halibut	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11763	2014	Halibut	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.25	38	17.84	1278	1469531	425410.40	491.00	1696	655.60	744	181.90	207
11764	2014	Halibut	Large Mesh Gillnet	Tri-State Sector																		
11765	2014	Halibut	Ruhle Trawl	Fixed Gear Sector																		
11766	2014	Halibut	Ruhle Trawl	Maine Coast Community Sector																		
11767	2014	Halibut	Ruhle Trawl	NCCS																		
11768	2014	Halibut	Ruhle Trawl	NEFS 10																		
11769	2014	Halibut	Ruhle Trawl	NEFS 11																		
11770	2014	Halibut	Ruhle Trawl	NEFS 12																		
11771	2014	Halibut	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	0	26684	7451.20	0.00	0	27.90	29	14.80	15
11772	2014	Halibut	Ruhle Trawl	NEFS 2																		
11773	2014	Halibut	Ruhle Trawl	NEFS 3																		
11774	2014	Halibut	Ruhle Trawl	NEFS 5																		
11775	2014	Halibut	Ruhle Trawl	NEFS 6																		
11776	2014	Halibut	Ruhle Trawl	NEFS 7																		
11777	2014	Halibut	Ruhle Trawl	NEFS 8																		
11778	2014	Halibut	Ruhle Trawl	NEFS 9																		
11779	2014	Halibut	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11780	2014	Halibut	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	90	527530	54725.70	0.00	0	85.50	95	20.30	22
11781	2014	Halibut	Ruhle Trawl	Tri-State Sector																		
11782	2014	Northern Windowpane	Bottom Longline	Fixed Gear Sector																		
11783	2014	Northern Windowpane	Bottom Longline	Maine Coast Community Sector																		
11784	2014	Northern Windowpane	Bottom Longline	NCCS																		
11785	2014	Northern Windowpane	Bottom Longline	NEFS 10																		
11786	2014	Northern Windowpane	Bottom Longline	NEFS 11																		
11787	2014	Northern Windowpane	Bottom Longline	NEFS 12																		
11788	2014	Northern Windowpane	Bottom Longline	NEFS 13																		
11789	2014	Northern Windowpane	Bottom Longline	NEFS 2																		
11790	2014	Northern Windowpane	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11791	2014	Northern Windowpane	Bottom Longline	NEFS 5																		
11792	2014	Northern Windowpane	Bottom Longline	NEFS 6																		
11793	2014	Northern Windowpane	Bottom Longline	NEFS 7																		
11794	2014	Northern Windowpane	Bottom Longline	NEFS 8																		
11795	2014	Northern Windowpane	Bottom Longline	NEFS 9																		
11796	2014	Northern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
11797	2014	Northern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
11798	2014	Northern Windowpane	Bottom Longline	Tri-State Sector																		
11799	2014	Northern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
11800	2014	Northern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.00	0	0.00	0	154677	25447.80	0.00	0	71.10	97	14.90	20
11801	2014	Northern Windowpane	Bottom Otter Trawl	NCCS																		
11802	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 10	8	172	58	33.72	0.01	0.00	0.13	16	9.30	0	458725	160498.60	1868.00	5339	81.40	173	27.10	58
11803	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.27	39	29.77	0	175151	61222.20	180.00	515	57.90	133	18.80	45
11804	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 12																		
11805	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 13	16	68	16	23.53	0.02	0.00	0.47	30	44.12	0	1211142	321442.80	7767.00	29265	331.40	360	116.00	125
11806	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.32	229	25.28	0	5521495	1441149.50	4128.00	15816	1300.30	1663	354.90	456
11807	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.36	21	32.31	0	88342	15579.60	61.00	346	39.60	68	9.80	17
11808	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 5																		
11809	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.65	89	41.59	0	3162349	565754.50	440.00	2459	618.30	664	171.50	184
11810	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 7	11	92	18	19.57	0.05	0.00	0.30	19	20.65	0	1324212	205031.50	9544.00	61641	465.60	503	102.50	111
11811	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 8	21	166	26	15.66	0.03	0.00	0.33	31	18.67	0	2142236	405390.20	10162.00	53700	669.80	729	172.30	188
11812	2014	Northern Windowpane	Bottom Otter Trawl	NEFS 9	87	637	104	16.33	0.01	0.00	0.23	64	10.05	0	9892130	2287247.40	29521.00	127676	2338.00	2523	738.30	784
11813	2014	Northern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11814	2014	Northern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	152	1329	216	16.25	0.00	0.00	0.40	336	25.28	0	18264149	4041868.90	1321.00	5969	4130.10	4528	1089.90	1199
11815	2014	Northern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
11816	2014	Northern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	19	1185	318	26.84	0.00	0.00	0.19	156	13.16	0	8495594	1970404.70	26.00	112	410.90	1202	114.00	319
11817	2014	Northern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11818	2014	Northern Windowpane	Extra Large Mesh Gillnet	NCCS																		
11819	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 10																		
11820	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 11	9	144	64	44.44	0.00	0.00	0.00	0	0.00	0	118309	39689.90	0.00	0	112.90	180	49.80	80
11821	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
11822	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
11823	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
11824	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 3	8	197	73	37.06	0.00	0.00	0.00	0	0.00	0	349336	65766.70	0.00	0	143.60	255	47.80	87
11825	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
11826	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
11827	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 7	3	27	8	29.63	0.00	0.00	0.00	0	0.00	0	154008	38307.30	0.00	0	110.00	119	34.00	38
11828	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
11829	2014	Northern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
11830	2014	Northern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11831	2014	Northern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11832	2014	Northern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
11833	2014	Northern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
11834	2014	Northern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
11835	2014	Northern Windowpane	Haddock Otter Trawl	NCCS																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11836	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 10																		
11837	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 11																		
11838	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 12																		
11839	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 13																		
11840	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.46	27	28.13	0	2067390	369779.30	320.00	1789	298.90	325	66.60	72
11841	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 3																		
11842	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 5																		
11843	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.00	0	0.00	0	75253	11202.30	0.00	0	52.70	56	20.70	22
11844	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 7																		
11845	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.54	12	48.00	0	361627	56033.90	136.00	878	161.80	175	29.70	31
11846	2014	Northern Windowpane	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.01	0.00	0.48	22	25.00	0	887800	127537.80	990.00	6891	505.20	539	71.90	77
11847	2014	Northern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11848	2014	Northern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.40	55	26.44	0	3716391	836556.70	2318.00	10298	1016.10	1080	248.00	262
11849	2014	Northern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
11850	2014	Northern Windowpane	Handline	Fixed Gear Sector																		
11851	2014	Northern Windowpane	Handline	Maine Coast Community Sector																		
11852	2014	Northern Windowpane	Handline	NCCS																		
11853	2014	Northern Windowpane	Handline	NEFS 10																		
11854	2014	Northern Windowpane	Handline	NEFS 11																		
11855	2014	Northern Windowpane	Handline	NEFS 12																		
11856	2014	Northern Windowpane	Handline	NEFS 13																		
11857	2014	Northern Windowpane	Handline	NEFS 2																		
11858	2014	Northern Windowpane	Handline	NEFS 3																		
11859	2014	Northern Windowpane	Handline	NEFS 5																		
11860	2014	Northern Windowpane	Handline	NEFS 6																		
11861	2014	Northern Windowpane	Handline	NEFS 7																		
11862	2014	Northern Windowpane	Handline	NEFS 8																		
11863	2014	Northern Windowpane	Handline	NEFS 9																		
11864	2014	Northern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
11865	2014	Northern Windowpane	Handline	Sustainable Harvest Sector 1																		
11866	2014	Northern Windowpane	Handline	Tri-State Sector																		
11867	2014	Northern Windowpane	Large Mesh Gillnet	Fixed Gear Sector	13	445	170	38.20	0.00	0.00	0.18	83	18.65	0	1580840	485437.90	309.00	1006	211.30	490	76.00	180
11868	2014	Northern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.00	0	0.00	50	1429826	353463.60	0.00	0	450.00	649	123.20	177
11869	2014	Northern Windowpane	Large Mesh Gillnet	NCCS																		
11870	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.48	90	47.87	0	473965	92516.60	37.00	190	133.60	220	35.40	59
11871	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 11	26	893	253	28.33	0.00	0.00	0.60	548	61.37	0	3251715	765388.50	2.00	8	820.30	1301	226.10	360
11872	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 12																		
11873	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 13																		
11874	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 2																		
11875	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 3	20	671	210	31.30	0.00	0.00	0.28	187	27.87	0	1659270	454508.80	11.00	40	367.10	762	119.40	240
11876	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 5																		
11877	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 6																		
11878	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 7																		
11879	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 8																		
11880	2014	Northern Windowpane	Large Mesh Gillnet	NEFS 9																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11881	2014	Northern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11882	2014	Northern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.00	0	0.00	2	1469531	425410.40	0.00	0	655.60	744	181.90	207
11883	2014	Northern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
11884	2014	Northern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
11885	2014	Northern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
11886	2014	Northern Windowpane	Ruhle Trawl	NCCS																		
11887	2014	Northern Windowpane	Ruhle Trawl	NEFS 10																		
11888	2014	Northern Windowpane	Ruhle Trawl	NEFS 11																		
11889	2014	Northern Windowpane	Ruhle Trawl	NEFS 12																		
11890	2014	Northern Windowpane	Ruhle Trawl	NEFS 13																		
11891	2014	Northern Windowpane	Ruhle Trawl	NEFS 2																		
11892	2014	Northern Windowpane	Ruhle Trawl	NEFS 3																		
11893	2014	Northern Windowpane	Ruhle Trawl	NEFS 5																		
11894	2014	Northern Windowpane	Ruhle Trawl	NEFS 6																		
11895	2014	Northern Windowpane	Ruhle Trawl	NEFS 7																		
11896	2014	Northern Windowpane	Ruhle Trawl	NEFS 8																		
11897	2014	Northern Windowpane	Ruhle Trawl	NEFS 9																		
11898	2014	Northern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
11899	2014	Northern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.88	16	64.00	0	527530	54725.70	15.00	145	85.50	95	20.30	22
11900	2014	Northern Windowpane	Ruhle Trawl	Tri-State Sector																		
11901	2014	Ocean Pout	Bottom Longline	Fixed Gear Sector																		
11902	2014	Ocean Pout	Bottom Longline	Maine Coast Community Sector																		
11903	2014	Ocean Pout	Bottom Longline	NCCS																		
11904	2014	Ocean Pout	Bottom Longline	NEFS 10																		
11905	2014	Ocean Pout	Bottom Longline	NEFS 11																		
11906	2014	Ocean Pout	Bottom Longline	NEFS 12																		
11907	2014	Ocean Pout	Bottom Longline	NEFS 13																		
11908	2014	Ocean Pout	Bottom Longline	NEFS 2																		
11909	2014	Ocean Pout	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
11910	2014	Ocean Pout	Bottom Longline	NEFS 5																		
11911	2014	Ocean Pout	Bottom Longline	NEFS 6																		
11912	2014	Ocean Pout	Bottom Longline	NEFS 7																		
11913	2014	Ocean Pout	Bottom Longline	NEFS 8																		
11914	2014	Ocean Pout	Bottom Longline	NEFS 9																		
11915	2014	Ocean Pout	Bottom Longline	Port Clyde Community Groundfish Sector																		
11916	2014	Ocean Pout	Bottom Longline	Sustainable Harvest Sector 1																		
11917	2014	Ocean Pout	Bottom Longline	Tri-State Sector																		
11918	2014	Ocean Pout	Bottom Otter Trawl	Fixed Gear Sector																		
11919	2014	Ocean Pout	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.47	25	49.02	0	154677	25447.80	2.00	12	71.10	97	14.90	20
11920	2014	Ocean Pout	Bottom Otter Trawl	NCCS																		
11921	2014	Ocean Pout	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.17	25	12.50	0	470759	160498.60	99.00	290	89.00	201	27.10	58
11922	2014	Ocean Pout	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.35	55	41.98	0	175151	61222.20	17.00	49	57.90	133	18.80	45
11923	2014	Ocean Pout	Bottom Otter Trawl	NEFS 12																		
11924	2014	Ocean Pout	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.34	106	30.99	0	3350017	718732.30	2241.00	10445	756.80	907	240.40	282
11925	2014	Ocean Pout	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.34	249	27.48	0	5521495	1441149.50	218.00	835	1300.30	1663	354.90	456

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11926	2014	Ocean Pout	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.42	26	40.00	0	88342	15579.60	14.00	79	39.60	68	9.80	17
11927	2014	Ocean Pout	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.38	282	34.43	0	5138060	1435714.80	7133.00	25527	583.50	970	156.50	255
11928	2014	Ocean Pout	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.69	95	44.39	0	3162349	565754.50	377.00	2107	618.30	664	171.50	184
11929	2014	Ocean Pout	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.44	62	38.04	0	1995266	378056.70	816.00	4307	637.00	702	149.20	167
11930	2014	Ocean Pout	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.37	43	24.02	0	2266180	432991.20	919.00	4810	687.70	752	180.10	198
11931	2014	Ocean Pout	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.22	71	9.44	0	10988348	2502773.90	2840.00	12469	2686.20	2915	812.90	868
11932	2014	Ocean Pout	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
11933	2014	Ocean Pout	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.23	138	10.11	0	18391827	4078972.90	1085.00	4892	4168.60	4578	1102.20	1215
11934	2014	Ocean Pout	Bottom Otter Trawl	Tri-State Sector																		
11935	2014	Ocean Pout	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.00	0	0.00	0	8639508	2225490.10	0.00	0	427.30	1228	156.40	387
11936	2014	Ocean Pout	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
11937	2014	Ocean Pout	Extra Large Mesh Gillnet	NCCS																		
11938	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 10																		
11939	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.00	0	0.00	0	136849	50437.90	0.00	0	114.10	183	51.60	84
11940	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 12																		
11941	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 13																		
11942	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 2																		
11943	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.00	0	0.00	0	438096	65766.70	0.00	0	160.40	282	47.80	87
11944	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 5																		
11945	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 6																		
11946	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.00	0	0.00	0	474502	109628.80	0.00	0	141.30	164	43.00	51
11947	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 8																		
11948	2014	Ocean Pout	Extra Large Mesh Gillnet	NEFS 9																		
11949	2014	Ocean Pout	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
11950	2014	Ocean Pout	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
11951	2014	Ocean Pout	Extra Large Mesh Gillnet	Tri-State Sector																		
11952	2014	Ocean Pout	Haddock Otter Trawl	Fixed Gear Sector																		
11953	2014	Ocean Pout	Haddock Otter Trawl	Maine Coast Community Sector																		
11954	2014	Ocean Pout	Haddock Otter Trawl	NCCS																		
11955	2014	Ocean Pout	Haddock Otter Trawl	NEFS 10																		
11956	2014	Ocean Pout	Haddock Otter Trawl	NEFS 11																		
11957	2014	Ocean Pout	Haddock Otter Trawl	NEFS 12																		
11958	2014	Ocean Pout	Haddock Otter Trawl	NEFS 13																		
11959	2014	Ocean Pout	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.60	38	39.58	0	2067390	369779.30	29.00	162	298.90	325	66.60	72
11960	2014	Ocean Pout	Haddock Otter Trawl	NEFS 3																		
11961	2014	Ocean Pout	Haddock Otter Trawl	NEFS 5																		
11962	2014	Ocean Pout	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.00	0	0.00	0	75253	11202.30	0.00	0	52.70	56	20.70	22
11963	2014	Ocean Pout	Haddock Otter Trawl	NEFS 7																		
11964	2014	Ocean Pout	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.54	12	48.00	0	361627	56033.90	102.00	658	161.80	175	29.70	31
11965	2014	Ocean Pout	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	1.06	55	62.50	0	887800	127537.80	4.00	28	505.20	539	71.90	77
11966	2014	Ocean Pout	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
11967	2014	Ocean Pout	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.32	40	19.23	0	3716391	836556.70	226.00	1004	1016.10	1080	248.00	262
11968	2014	Ocean Pout	Haddock Otter Trawl	Tri-State Sector																		
11969	2014	Ocean Pout	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
11970	2014	Ocean Pout	Handline	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
11971	2014	Ocean Pout	Handline	NCCS																		
11972	2014	Ocean Pout	Handline	NEFS 10																		
11973	2014	Ocean Pout	Handline	NEFS 11																		
11974	2014	Ocean Pout	Handline	NEFS 12																		
11975	2014	Ocean Pout	Handline	NEFS 13																		
11976	2014	Ocean Pout	Handline	NEFS 2																		
11977	2014	Ocean Pout	Handline	NEFS 3																		
11978	2014	Ocean Pout	Handline	NEFS 5																		
11979	2014	Ocean Pout	Handline	NEFS 6																		
11980	2014	Ocean Pout	Handline	NEFS 7																		
11981	2014	Ocean Pout	Handline	NEFS 8																		
11982	2014	Ocean Pout	Handline	NEFS 9																		
11983	2014	Ocean Pout	Handline	Port Clyde Community Groundfish Sector																		
11984	2014	Ocean Pout	Handline	Sustainable Harvest Sector 1																		
11985	2014	Ocean Pout	Handline	Tri-State Sector																		
11986	2014	Ocean Pout	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.00	0	0.00	0	1638677	485437.90	0.00	0	217.40	499	76.00	180
11987	2014	Ocean Pout	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.86	309	75.37	0	1429826	353463.60	3.00	12	450.00	649	123.20	177
11988	2014	Ocean Pout	Large Mesh Gillnet	NCCS																		
11989	2014	Ocean Pout	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.00	0	0.00	0	473965	92516.60	0.00	0	133.60	220	35.40	59
11990	2014	Ocean Pout	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.00	0	0.00	0	3256715	768846.50	0.00	0	820.80	1302	226.60	361
11991	2014	Ocean Pout	Large Mesh Gillnet	NEFS 12																		
11992	2014	Ocean Pout	Large Mesh Gillnet	NEFS 13																		
11993	2014	Ocean Pout	Large Mesh Gillnet	NEFS 2																		
11994	2014	Ocean Pout	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.49	383	54.87	0	1708866	468591.80	8.00	29	379.60	790	122.90	248
11995	2014	Ocean Pout	Large Mesh Gillnet	NEFS 5																		
11996	2014	Ocean Pout	Large Mesh Gillnet	NEFS 6																		
11997	2014	Ocean Pout	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.00	0.00	0.00	0	0.00	0	88536	15012.50	0.00	0	104.10	115	26.20	28
11998	2014	Ocean Pout	Large Mesh Gillnet	NEFS 8																		
11999	2014	Ocean Pout	Large Mesh Gillnet	NEFS 9																		
12000	2014	Ocean Pout	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12001	2014	Ocean Pout	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.00	0	0.00	0	1469531	425410.40	0.00	0	655.60	744	181.90	207
12002	2014	Ocean Pout	Large Mesh Gillnet	Tri-State Sector																		
12003	2014	Ocean Pout	Ruhle Trawl	Fixed Gear Sector																		
12004	2014	Ocean Pout	Ruhle Trawl	Maine Coast Community Sector																		
12005	2014	Ocean Pout	Ruhle Trawl	NCCS																		
12006	2014	Ocean Pout	Ruhle Trawl	NEFS 10																		
12007	2014	Ocean Pout	Ruhle Trawl	NEFS 11																		
12008	2014	Ocean Pout	Ruhle Trawl	NEFS 12																		
12009	2014	Ocean Pout	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	0	26684	7451.20	0.00	0	27.90	29	14.80	15
12010	2014	Ocean Pout	Ruhle Trawl	NEFS 2																		
12011	2014	Ocean Pout	Ruhle Trawl	NEFS 3																		
12012	2014	Ocean Pout	Ruhle Trawl	NEFS 5																		
12013	2014	Ocean Pout	Ruhle Trawl	NEFS 6																		
12014	2014	Ocean Pout	Ruhle Trawl	NEFS 7																		
12015	2014	Ocean Pout	Ruhle Trawl	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12016	2014	Ocean Pout	Ruhle Trawl	NEFS 9																		
12017	2014	Ocean Pout	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12018	2014	Ocean Pout	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	0	527530	54725.70	0.00	0	85.50	95	20.30	22
12019	2014	Ocean Pout	Ruhle Trawl	Tri-State Sector																		
12020	2014	Plaice	Bottom Longline	Fixed Gear Sector																		
12021	2014	Plaice	Bottom Longline	Maine Coast Community Sector																		
12022	2014	Plaice	Bottom Longline	NCCS																		
12023	2014	Plaice	Bottom Longline	NEFS 10																		
12024	2014	Plaice	Bottom Longline	NEFS 11																		
12025	2014	Plaice	Bottom Longline	NEFS 12																		
12026	2014	Plaice	Bottom Longline	NEFS 13																		
12027	2014	Plaice	Bottom Longline	NEFS 2																		
12028	2014	Plaice	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
12029	2014	Plaice	Bottom Longline	NEFS 5																		
12030	2014	Plaice	Bottom Longline	NEFS 6																		
12031	2014	Plaice	Bottom Longline	NEFS 7																		
12032	2014	Plaice	Bottom Longline	NEFS 8																		
12033	2014	Plaice	Bottom Longline	NEFS 9																		
12034	2014	Plaice	Bottom Longline	Port Clyde Community Groundfish Sector																		
12035	2014	Plaice	Bottom Longline	Sustainable Harvest Sector 1																		
12036	2014	Plaice	Bottom Longline	Tri-State Sector																		
12037	2014	Plaice	Bottom Otter Trawl	Fixed Gear Sector																		
12038	2014	Plaice	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.01	0.00	0.42	22	43.14	97558	154677	25447.80	380.00	2310	71.10	97	14.90	20
12039	2014	Plaice	Bottom Otter Trawl	NCCS																		
12040	2014	Plaice	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.01	0.00	0.15	19	9.50	24332	470759	160498.60	1073.00	3147	89.00	201	27.10	58
12041	2014	Plaice	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.01	0.00	0.21	27	20.61	25270	175151	61222.20	444.00	1270	57.90	133	18.80	45
12042	2014	Plaice	Bottom Otter Trawl	NEFS 12																		
12043	2014	Plaice	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.33	99	28.95	54123	3364521	718732.30	2729.00	12775	756.80	907	240.40	282
12044	2014	Plaice	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.16	67	7.40	371735	5619962	1441149.50	6771.00	26404	1300.30	1663	354.90	456
12045	2014	Plaice	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.01	0.00	0.23	11	16.92	11959	88342	15579.60	83.00	471	39.60	68	9.80	17
12046	2014	Plaice	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.56	434	52.99	1	5138060	1435714.80	20.00	72	583.50	970	156.50	255
12047	2014	Plaice	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.33	33	15.42	238473	3167927	565754.50	1953.00	10936	618.30	664	171.50	184
12048	2014	Plaice	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.35	45	27.61	84518	1995266	378056.70	738.00	3895	637.00	702	149.20	167
12049	2014	Plaice	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.36	40	22.35	44328	2266180	432991.20	865.00	4527	687.70	752	180.10	198
12050	2014	Plaice	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.21	65	8.64	274162	10989487	2502773.90	7753.00	34043	2686.20	2915	812.90	868
12051	2014	Plaice	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12052	2014	Plaice	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.12	39	2.86	1365131	18562733	4078972.90	13859.00	63070	4168.60	4578	1102.20	1215
12053	2014	Plaice	Bottom Otter Trawl	Tri-State Sector																		
12054	2014	Plaice	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.00	0	0.00	4	8639508	2225490.10	0.00	0	427.30	1228	156.40	387
12055	2014	Plaice	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12056	2014	Plaice	Extra Large Mesh Gillnet	NCCS																		
12057	2014	Plaice	Extra Large Mesh Gillnet	NEFS 10																		
12058	2014	Plaice	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.00	0	0.00	101	136849	50437.90	0.00	0	114.10	183	51.60	84
12059	2014	Plaice	Extra Large Mesh Gillnet	NEFS 12																		
12060	2014	Plaice	Extra Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12061	2014	Plaice	Extra Large Mesh Gillnet	NEFS 2																		
12062	2014	Plaice	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.60	146	66.97	487	438096	65766.70	5.00	33	160.40	282	47.80	87
12063	2014	Plaice	Extra Large Mesh Gillnet	NEFS 5																		
12064	2014	Plaice	Extra Large Mesh Gillnet	NEFS 6																		
12065	2014	Plaice	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.51	37	52.86	0	474502	109628.80	12.00	52	141.30	164	43.00	51
12066	2014	Plaice	Extra Large Mesh Gillnet	NEFS 8																		
12067	2014	Plaice	Extra Large Mesh Gillnet	NEFS 9																		
12068	2014	Plaice	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12069	2014	Plaice	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12070	2014	Plaice	Extra Large Mesh Gillnet	Tri-State Sector																		
12071	2014	Plaice	Haddock Otter Trawl	Fixed Gear Sector																		
12072	2014	Plaice	Haddock Otter Trawl	Maine Coast Community Sector																		
12073	2014	Plaice	Haddock Otter Trawl	NCCS																		
12074	2014	Plaice	Haddock Otter Trawl	NEFS 10																		
12075	2014	Plaice	Haddock Otter Trawl	NEFS 11																		
12076	2014	Plaice	Haddock Otter Trawl	NEFS 12																		
12077	2014	Plaice	Haddock Otter Trawl	NEFS 13																		
12078	2014	Plaice	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.37	19	19.79	26571	2246189	369779.30	145.00	881	298.90	325	66.60	72
12079	2014	Plaice	Haddock Otter Trawl	NEFS 3																		
12080	2014	Plaice	Haddock Otter Trawl	NEFS 5																		
12081	2014	Plaice	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.52	6	66.67	3018	81653	11202.30	3.00	22	52.70	56	20.70	22
12082	2014	Plaice	Haddock Otter Trawl	NEFS 7																		
12083	2014	Plaice	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.51	11	44.00	2509	361627	56033.90	214.00	1381	161.80	175	29.70	31
12084	2014	Plaice	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.53	26	29.55	1412	895612	127537.80	113.00	794	505.20	539	71.90	77
12085	2014	Plaice	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12086	2014	Plaice	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.35	45	21.63	31624	4068431	836556.70	426.00	2072	1016.10	1080	248.00	262
12087	2014	Plaice	Haddock Otter Trawl	Tri-State Sector																		
12088	2014	Plaice	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
12089	2014	Plaice	Handline	Maine Coast Community Sector																		
12090	2014	Plaice	Handline	NCCS																		
12091	2014	Plaice	Handline	NEFS 10																		
12092	2014	Plaice	Handline	NEFS 11																		
12093	2014	Plaice	Handline	NEFS 12																		
12094	2014	Plaice	Handline	NEFS 13																		
12095	2014	Plaice	Handline	NEFS 2																		
12096	2014	Plaice	Handline	NEFS 3																		
12097	2014	Plaice	Handline	NEFS 5																		
12098	2014	Plaice	Handline	NEFS 6																		
12099	2014	Plaice	Handline	NEFS 7																		
12100	2014	Plaice	Handline	NEFS 8																		
12101	2014	Plaice	Handline	NEFS 9																		
12102	2014	Plaice	Handline	Port Clyde Community Groundfish Sector																		
12103	2014	Plaice	Handline	Sustainable Harvest Sector 1																		
12104	2014	Plaice	Handline	Tri-State Sector																		
12105	2014	Plaice	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.33	194	43.11	183	1638677	485437.90	10.00	34	217.40	499	76.00	180

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12106	2014	Plaice	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.20	59	14.39	5162	1429826	353463.60	67.00	271	450.00	649	123.20	177
12107	2014	Plaice	Large Mesh Gillnet	NCCS																		
12108	2014	Plaice	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.36	66	35.11	3875	473965	92516.60	12.00	61	133.60	220	35.40	59
12109	2014	Plaice	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.17	100	11.19	6173	3256715	768846.50	259.00	1097	820.80	1302	226.60	361
12110	2014	Plaice	Large Mesh Gillnet	NEFS 12																		
12111	2014	Plaice	Large Mesh Gillnet	NEFS 13																		
12112	2014	Plaice	Large Mesh Gillnet	NEFS 2																		
12113	2014	Plaice	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.29	204	29.23	31429	1708866	468591.80	282.00	1028	379.60	790	122.90	248
12114	2014	Plaice	Large Mesh Gillnet	NEFS 5																		
12115	2014	Plaice	Large Mesh Gillnet	NEFS 6																		
12116	2014	Plaice	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.00	0.00	0.49	11	36.67	3	88536	15012.50	5.00	29	104.10	115	26.20	28
12117	2014	Plaice	Large Mesh Gillnet	NEFS 8																		
12118	2014	Plaice	Large Mesh Gillnet	NEFS 9																		
12119	2014	Plaice	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12120	2014	Plaice	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.25	39	18.31	2314	1469531	425410.40	135.00	466	655.60	744	181.90	207
12121	2014	Plaice	Large Mesh Gillnet	Tri-State Sector																		
12122	2014	Plaice	Ruhle Trawl	Fixed Gear Sector																		
12123	2014	Plaice	Ruhle Trawl	Maine Coast Community Sector																		
12124	2014	Plaice	Ruhle Trawl	NCCS																		
12125	2014	Plaice	Ruhle Trawl	NEFS 10																		
12126	2014	Plaice	Ruhle Trawl	NEFS 11																		
12127	2014	Plaice	Ruhle Trawl	NEFS 12																		
12128	2014	Plaice	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	1018	38619	7451.20	0.00	0	27.90	29	14.80	15
12129	2014	Plaice	Ruhle Trawl	NEFS 2																		
12130	2014	Plaice	Ruhle Trawl	NEFS 3																		
12131	2014	Plaice	Ruhle Trawl	NEFS 5																		
12132	2014	Plaice	Ruhle Trawl	NEFS 6																		
12133	2014	Plaice	Ruhle Trawl	NEFS 7																		
12134	2014	Plaice	Ruhle Trawl	NEFS 8																		
12135	2014	Plaice	Ruhle Trawl	NEFS 9																		
12136	2014	Plaice	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12137	2014	Plaice	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.81	15	60.00	1732	668865	54725.70	7.00	86	85.50	95	20.30	22
12138	2014	Plaice	Ruhle Trawl	Tri-State Sector																		
12139	2014	Pollock	Bottom Longline	Fixed Gear Sector																		
12140	2014	Pollock	Bottom Longline	Maine Coast Community Sector																		
12141	2014	Pollock	Bottom Longline	NCCS																		
12142	2014	Pollock	Bottom Longline	NEFS 10																		
12143	2014	Pollock	Bottom Longline	NEFS 11																		
12144	2014	Pollock	Bottom Longline	NEFS 12																		
12145	2014	Pollock	Bottom Longline	NEFS 13																		
12146	2014	Pollock	Bottom Longline	NEFS 2																		
12147	2014	Pollock	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.95	25	83.33	14	25373	10268.30	1.00	2	13.90	31	3.90	9
12148	2014	Pollock	Bottom Longline	NEFS 5																		
12149	2014	Pollock	Bottom Longline	NEFS 6																		
12150	2014	Pollock	Bottom Longline	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12151	2014	Pollock	Bottom Longline	NEFS 8																		
12152	2014	Pollock	Bottom Longline	NEFS 9																		
12153	2014	Pollock	Bottom Longline	Port Clyde Community Groundfish Sector																		
12154	2014	Pollock	Bottom Longline	Sustainable Harvest Sector 1																		
12155	2014	Pollock	Bottom Longline	Tri-State Sector																		
12156	2014	Pollock	Bottom Otter Trawl	Fixed Gear Sector																		
12157	2014	Pollock	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.00	0	0.00	700	154677	25447.80	0.00	0	71.10	97	14.90	20
12158	2014	Pollock	Bottom Otter Trawl	NCCS																		
12159	2014	Pollock	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.85	153	76.50	132	470759	160498.60	1.00	3	89.00	201	27.10	58
12160	2014	Pollock	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.00	0	0.00	165	175151	61222.20	0.00	0	57.90	133	18.80	45
12161	2014	Pollock	Bottom Otter Trawl	NEFS 12																		
12162	2014	Pollock	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.33	102	29.82	15362	3350017	718732.30	13.00	61	756.80	907	240.40	282
12163	2014	Pollock	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.01	0.00	0.32	227	25.06	970763	5601987	1441149.50	13870.00	53915	1300.30	1663	354.90	456
12164	2014	Pollock	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.00	0	0.00	367	88342	15579.60	0.00	0	39.60	68	9.80	17
12165	2014	Pollock	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.00	0	0.00	19	5138060	1435714.80	0.00	0	583.50	970	156.50	255
12166	2014	Pollock	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.50	64	29.91	408297	3175118	565754.50	759.00	4260	618.30	664	171.50	184
12167	2014	Pollock	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.86	115	70.55	778	1995266	378056.70	3.00	16	637.00	702	149.20	167
12168	2014	Pollock	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.52	68	37.99	14851	2266180	432991.20	35.00	183	687.70	752	180.10	198
12169	2014	Pollock	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.29	114	15.16	992487	10988348	2502773.90	3076.00	13505	2686.20	2915	812.90	868
12170	2014	Pollock	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12171	2014	Pollock	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.24	152	11.14	2738265	18642033	4078972.90	18100.00	82722	4168.60	4578	1102.20	1215
12172	2014	Pollock	Bottom Otter Trawl	Tri-State Sector																		
12173	2014	Pollock	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.50	653	54.24	410	8639508	2225490.10	13.00	50	427.30	1228	156.40	387
12174	2014	Pollock	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12175	2014	Pollock	Extra Large Mesh Gillnet	NCCS																		
12176	2014	Pollock	Extra Large Mesh Gillnet	NEFS 10																		
12177	2014	Pollock	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.24	54	36.73	853	136849	50437.90	74.00	201	114.10	183	51.60	84
12178	2014	Pollock	Extra Large Mesh Gillnet	NEFS 12																		
12179	2014	Pollock	Extra Large Mesh Gillnet	NEFS 13																		
12180	2014	Pollock	Extra Large Mesh Gillnet	NEFS 2																		
12181	2014	Pollock	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.19	38	17.43	10567	438096	65766.70	293.00	1952	160.40	282	47.80	87
12182	2014	Pollock	Extra Large Mesh Gillnet	NEFS 5																		
12183	2014	Pollock	Extra Large Mesh Gillnet	NEFS 6																		
12184	2014	Pollock	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.37	26	37.14	451	474502	109628.80	124.00	537	141.30	164	43.00	51
12185	2014	Pollock	Extra Large Mesh Gillnet	NEFS 8																		
12186	2014	Pollock	Extra Large Mesh Gillnet	NEFS 9																		
12187	2014	Pollock	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12188	2014	Pollock	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12189	2014	Pollock	Extra Large Mesh Gillnet	Tri-State Sector																		
12190	2014	Pollock	Haddock Otter Trawl	Fixed Gear Sector																		
12191	2014	Pollock	Haddock Otter Trawl	Maine Coast Community Sector																		
12192	2014	Pollock	Haddock Otter Trawl	NCCS																		
12193	2014	Pollock	Haddock Otter Trawl	NEFS 10																		
12194	2014	Pollock	Haddock Otter Trawl	NEFS 11																		
12195	2014	Pollock	Haddock Otter Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12196	2014	Pollock	Haddock Otter Trawl	NEFS 13																		
12197	2014	Pollock	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.33	16	16.67	123959	2227721	369779.30	1405.00	8464	298.90	325	66.60	72
12198	2014	Pollock	Haddock Otter Trawl	NEFS 3																		
12199	2014	Pollock	Haddock Otter Trawl	NEFS 5																		
12200	2014	Pollock	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.01	0.00	0.75	7	77.78	10465	95774	11202.30	57.00	487	52.70	56	20.70	22
12201	2014	Pollock	Haddock Otter Trawl	NEFS 7																		
12202	2014	Pollock	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.83	17	68.00	760	361627	56033.90	2.00	13	161.80	175	29.70	31
12203	2014	Pollock	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.92	49	55.68	22008	887800	127537.80	3.00	21	505.20	539	71.90	77
12204	2014	Pollock	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12205	2014	Pollock	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.70	109	52.40	197431	4037639	836556.70	648.00	3128	1016.10	1080	248.00	262
12206	2014	Pollock	Haddock Otter Trawl	Tri-State Sector																		
12207	2014	Pollock	Handline	Fixed Gear Sector	3	14	3	21.43	0.25	0.06	0.97	11	78.57	4623	12596	31.60	8.00	3189	16.20	23	1.10	3
12208	2014	Pollock	Handline	Maine Coast Community Sector																		
12209	2014	Pollock	Handline	NCCS																		
12210	2014	Pollock	Handline	NEFS 10																		
12211	2014	Pollock	Handline	NEFS 11																		
12212	2014	Pollock	Handline	NEFS 12																		
12213	2014	Pollock	Handline	NEFS 13																		
12214	2014	Pollock	Handline	NEFS 2																		
12215	2014	Pollock	Handline	NEFS 3																		
12216	2014	Pollock	Handline	NEFS 5																		
12217	2014	Pollock	Handline	NEFS 6																		
12218	2014	Pollock	Handline	NEFS 7																		
12219	2014	Pollock	Handline	NEFS 8																		
12220	2014	Pollock	Handline	NEFS 9																		
12221	2014	Pollock	Handline	Port Clyde Community Groundfish Sector																		
12222	2014	Pollock	Handline	Sustainable Harvest Sector 1																		
12223	2014	Pollock	Handline	Tri-State Sector																		
12224	2014	Pollock	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.19	91	20.22	143905	1638677	485437.90	1732.00	5847	217.40	499	76.00	180
12225	2014	Pollock	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.02	0.00	0.14	31	7.56	835485	1429826	353463.60	6641.00	26864	450.00	649	123.20	177
12226	2014	Pollock	Large Mesh Gillnet	NCCS																		
12227	2014	Pollock	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.40	74	39.36	13957	473965	92516.60	175.00	897	133.60	220	35.40	59
12228	2014	Pollock	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.01	0.00	0.14	70	7.83	910589	3256715	768846.50	9822.00	41604	820.80	1302	226.60	361
12229	2014	Pollock	Large Mesh Gillnet	NEFS 12																		
12230	2014	Pollock	Large Mesh Gillnet	NEFS 13																		
12231	2014	Pollock	Large Mesh Gillnet	NEFS 2																		
12232	2014	Pollock	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.16	83	11.89	271481	1708866	468591.80	2098.00	7651	379.60	790	122.90	248
12233	2014	Pollock	Large Mesh Gillnet	NEFS 5																		
12234	2014	Pollock	Large Mesh Gillnet	NEFS 6																		
12235	2014	Pollock	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.02	0.00	0.60	14	46.67	28149	88536	15012.50	363.00	2141	104.10	115	26.20	28
12236	2014	Pollock	Large Mesh Gillnet	NEFS 8																		
12237	2014	Pollock	Large Mesh Gillnet	NEFS 9																		
12238	2014	Pollock	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12239	2014	Pollock	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.02	0.00	0.14	15	7.04	778448	1469531	425410.40	10486.00	36223	655.60	744	181.90	207
12240	2014	Pollock	Large Mesh Gillnet	Tri-State Sector																		

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	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12241	2014	Pollock	Ruhle Trawl	Fixed Gear Sector																		
12242	2014	Pollock	Ruhle Trawl	Maine Coast Community Sector																		
12243	2014	Pollock	Ruhle Trawl	NCCS																		
12244	2014	Pollock	Ruhle Trawl	NEFS 10																		
12245	2014	Pollock	Ruhle Trawl	NEFS 11																		
12246	2014	Pollock	Ruhle Trawl	NEFS 12																		
12247	2014	Pollock	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	16	26684	7451.20	0.00	0	27.90	29	14.80	15
12248	2014	Pollock	Ruhle Trawl	NEFS 2																		
12249	2014	Pollock	Ruhle Trawl	NEFS 3																		
12250	2014	Pollock	Ruhle Trawl	NEFS 5																		
12251	2014	Pollock	Ruhle Trawl	NEFS 6																		
12252	2014	Pollock	Ruhle Trawl	NEFS 7																		
12253	2014	Pollock	Ruhle Trawl	NEFS 8																		
12254	2014	Pollock	Ruhle Trawl	NEFS 9																		
12255	2014	Pollock	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12256	2014	Pollock	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.49	9	36.00	4053	597554	54725.70	9.00	98	85.50	95	20.30	22
12257	2014	Pollock	Ruhle Trawl	Tri-State Sector																		
12258	2014	Redfish	Bottom Longline	Fixed Gear Sector																		
12259	2014	Redfish	Bottom Longline	Maine Coast Community Sector																		
12260	2014	Redfish	Bottom Longline	NCCS																		
12261	2014	Redfish	Bottom Longline	NEFS 10																		
12262	2014	Redfish	Bottom Longline	NEFS 11																		
12263	2014	Redfish	Bottom Longline	NEFS 12																		
12264	2014	Redfish	Bottom Longline	NEFS 13																		
12265	2014	Redfish	Bottom Longline	NEFS 2																		
12266	2014	Redfish	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	39	25373	10268.30	0.00	0	13.90	31	3.90	9
12267	2014	Redfish	Bottom Longline	NEFS 5																		
12268	2014	Redfish	Bottom Longline	NEFS 6																		
12269	2014	Redfish	Bottom Longline	NEFS 7																		
12270	2014	Redfish	Bottom Longline	NEFS 8																		
12271	2014	Redfish	Bottom Longline	NEFS 9																		
12272	2014	Redfish	Bottom Longline	Port Clyde Community Groundfish Sector																		
12273	2014	Redfish	Bottom Longline	Sustainable Harvest Sector 1																		
12274	2014	Redfish	Bottom Longline	Tri-State Sector																		
12275	2014	Redfish	Bottom Otter Trawl	Fixed Gear Sector																		
12276	2014	Redfish	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.43	23	45.10	2163	154677	25447.80	32.00	195	71.10	97	14.90	20
12277	2014	Redfish	Bottom Otter Trawl	NCCS																		
12278	2014	Redfish	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.59	122	61.00	24	470759	160498.60	2.00	6	89.00	201	27.10	58
12279	2014	Redfish	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.37	59	45.04	26	175151	61222.20	11.00	31	57.90	133	18.80	45
12280	2014	Redfish	Bottom Otter Trawl	NEFS 12																		
12281	2014	Redfish	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.38	123	35.96	21352	3350017	718732.30	143.00	667	756.80	907	240.40	282
12282	2014	Redfish	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.01	0.00	0.18	82	9.05	1815460	5612849	1441149.50	10815.00	42121	1300.30	1663	354.90	456
12283	2014	Redfish	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.67	41	63.08	112	88342	15579.60	3.00	17	39.60	68	9.80	17
12284	2014	Redfish	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.00	0	0.00	8	5138060	1435714.80	0.00	0	583.50	970	156.50	255
12285	2014	Redfish	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.01	0.00	0.37	40	18.69	1239835	3179695	565754.50	3407.00	19148	618.30	664	171.50	184

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12286	2014	Redfish	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.59	85	52.15	2899	1995266	378056.70	19.00	100	637.00	702	149.20	167
12287	2014	Redfish	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.35	40	22.35	21910	2266180	432991.20	1046.00	5475	687.70	752	180.10	198
12288	2014	Redfish	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.05	0.00	0.65	360	47.87	1847985	10988348	2502773.90	120810.00	530412	2686.20	2915	812.90	868
12289	2014	Redfish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12290	2014	Redfish	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.01	0.00	0.16	75	5.49	4181730	18483579	4078972.90	44899.00	203457	4168.60	4578	1102.20	1215
12291	2014	Redfish	Bottom Otter Trawl	Tri-State Sector																		
12292	2014	Redfish	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.00	0	0.00	87	8639508	2225490.10	0.00	0	427.30	1228	156.40	387
12293	2014	Redfish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12294	2014	Redfish	Extra Large Mesh Gillnet	NCCS																		
12295	2014	Redfish	Extra Large Mesh Gillnet	NEFS 10																		
12296	2014	Redfish	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.00	0	0.00	4	136849	50437.90	0.00	0	114.10	183	51.60	84
12297	2014	Redfish	Extra Large Mesh Gillnet	NEFS 12																		
12298	2014	Redfish	Extra Large Mesh Gillnet	NEFS 13																		
12299	2014	Redfish	Extra Large Mesh Gillnet	NEFS 2																		
12300	2014	Redfish	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.00	0	0.00	100	438096	65766.70	0.00	0	160.40	282	47.80	87
12301	2014	Redfish	Extra Large Mesh Gillnet	NEFS 5																		
12302	2014	Redfish	Extra Large Mesh Gillnet	NEFS 6																		
12303	2014	Redfish	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.85	53	75.71	0	474502	109628.80	1.00	4	141.30	164	43.00	51
12304	2014	Redfish	Extra Large Mesh Gillnet	NEFS 8																		
12305	2014	Redfish	Extra Large Mesh Gillnet	NEFS 9																		
12306	2014	Redfish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12307	2014	Redfish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12308	2014	Redfish	Extra Large Mesh Gillnet	Tri-State Sector																		
12309	2014	Redfish	Haddock Otter Trawl	Fixed Gear Sector																		
12310	2014	Redfish	Haddock Otter Trawl	Maine Coast Community Sector																		
12311	2014	Redfish	Haddock Otter Trawl	NCCS																		
12312	2014	Redfish	Haddock Otter Trawl	NEFS 10																		
12313	2014	Redfish	Haddock Otter Trawl	NEFS 11																		
12314	2014	Redfish	Haddock Otter Trawl	NEFS 12																		
12315	2014	Redfish	Haddock Otter Trawl	NEFS 13																		
12316	2014	Redfish	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.01	0.00	0.32	15	15.63	361159	2264624	369779.30	3328.00	20382	298.90	325	66.60	72
12317	2014	Redfish	Haddock Otter Trawl	NEFS 3																		
12318	2014	Redfish	Haddock Otter Trawl	NEFS 5																		
12319	2014	Redfish	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.01	0.00	0.63	7	77.78	31504	99804	11202.30	89.00	793	52.70	56	20.70	22
12320	2014	Redfish	Haddock Otter Trawl	NEFS 7																		
12321	2014	Redfish	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.43	9	36.00	1040	361627	56033.90	47.00	303	161.80	175	29.70	31
12322	2014	Redfish	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.80	42	47.73	12532	887800	127537.80	40.00	278	505.20	539	71.90	77
12323	2014	Redfish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12324	2014	Redfish	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.60	94	45.19	71850	3761149	836556.70	723.00	3251	1016.10	1080	248.00	262
12325	2014	Redfish	Haddock Otter Trawl	Tri-State Sector																		
12326	2014	Redfish	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
12327	2014	Redfish	Handline	Maine Coast Community Sector																		
12328	2014	Redfish	Handline	NCCS																		
12329	2014	Redfish	Handline	NEFS 10																		
12330	2014	Redfish	Handline	NEFS 11																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12331	2014	Redfish	Handline	NEFS 12																		
12332	2014	Redfish	Handline	NEFS 13																		
12333	2014	Redfish	Handline	NEFS 2																		
12334	2014	Redfish	Handline	NEFS 3																		
12335	2014	Redfish	Handline	NEFS 5																		
12336	2014	Redfish	Handline	NEFS 6																		
12337	2014	Redfish	Handline	NEFS 7																		
12338	2014	Redfish	Handline	NEFS 8																		
12339	2014	Redfish	Handline	NEFS 9																		
12340	2014	Redfish	Handline	Port Clyde Community Groundfish Sector																		
12341	2014	Redfish	Handline	Sustainable Harvest Sector 1																		
12342	2014	Redfish	Handline	Tri-State Sector																		
12343	2014	Redfish	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.37	217	48.22	5083	1638677	485437.90	37.00	125	217.40	499	76.00	180
12344	2014	Redfish	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.20	60	14.63	20712	1429826	353463.60	164.00	663	450.00	649	123.20	177
12345	2014	Redfish	Large Mesh Gillnet	NCCS																		
12346	2014	Redfish	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.81	137	72.87	2687	473965	92516.60	2.00	10	133.60	220	35.40	59
12347	2014	Redfish	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.38	350	39.15	40358	3256715	768846.50	720.00	3050	820.80	1302	226.60	361
12348	2014	Redfish	Large Mesh Gillnet	NEFS 12																		
12349	2014	Redfish	Large Mesh Gillnet	NEFS 13																		
12350	2014	Redfish	Large Mesh Gillnet	NEFS 2																		
12351	2014	Redfish	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.55	423	60.60	3147	1708866	468591.80	265.00	966	379.60	790	122.90	248
12352	2014	Redfish	Large Mesh Gillnet	NEFS 5																		
12353	2014	Redfish	Large Mesh Gillnet	NEFS 6																		
12354	2014	Redfish	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.00	0.00	0.55	13	43.33	1111	88536	15012.50	2.00	12	104.10	115	26.20	28
12355	2014	Redfish	Large Mesh Gillnet	NEFS 8																		
12356	2014	Redfish	Large Mesh Gillnet	NEFS 9																		
12357	2014	Redfish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12358	2014	Redfish	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.27	43	20.19	54620	1469531	425410.40	717.00	2477	655.60	744	181.90	207
12359	2014	Redfish	Large Mesh Gillnet	Tri-State Sector																		
12360	2014	Redfish	Ruhle Trawl	Fixed Gear Sector																		
12361	2014	Redfish	Ruhle Trawl	Maine Coast Community Sector																		
12362	2014	Redfish	Ruhle Trawl	NCCS																		
12363	2014	Redfish	Ruhle Trawl	NEFS 10																		
12364	2014	Redfish	Ruhle Trawl	NEFS 11																		
12365	2014	Redfish	Ruhle Trawl	NEFS 12																		
12366	2014	Redfish	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	0	26684	7451.20	0.00	0	27.90	29	14.80	15
12367	2014	Redfish	Ruhle Trawl	NEFS 2																		
12368	2014	Redfish	Ruhle Trawl	NEFS 3																		
12369	2014	Redfish	Ruhle Trawl	NEFS 5																		
12370	2014	Redfish	Ruhle Trawl	NEFS 6																		
12371	2014	Redfish	Ruhle Trawl	NEFS 7																		
12372	2014	Redfish	Ruhle Trawl	NEFS 8																		
12373	2014	Redfish	Ruhle Trawl	NEFS 9																		
12374	2014	Redfish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12375	2014	Redfish	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	6401	535399	54725.70	0.00	0	85.50	95	20.30	22

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12376	2014	Redfish	Ruhle Trawl	Tri-State Sector																		
12377	2014	SNE/MA Winter Flounder	Bottom Longline	Fixed Gear Sector																		
12378	2014	SNE/MA Winter Flounder	Bottom Longline	Maine Coast Community Sector																		
12379	2014	SNE/MA Winter Flounder	Bottom Longline	NCCS																		
12380	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 10																		
12381	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 11																		
12382	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 12																		
12383	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 13																		
12384	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 2																		
12385	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 3																		
12386	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 5																		
12387	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 6																		
12388	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 7																		
12389	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 8																		
12390	2014	SNE/MA Winter Flounder	Bottom Longline	NEFS 9																		
12391	2014	SNE/MA Winter Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
12392	2014	SNE/MA Winter Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
12393	2014	SNE/MA Winter Flounder	Bottom Longline	Tri-State Sector																		
12394	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
12395	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
12396	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NCCS																		
12397	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 10	4	35	4	11.43	0.00	0.00	0.61	13	37.14	1406	23029	23167.60	35.50	35	12.60	36	2.20	4
12398	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 11																		
12399	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 12																		
12400	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 13	48	285	74	25.96	0.00	0.00	0.28	68	23.86	161832	2323108	405455.60	105.50	604	485.30	614	149.90	185
12401	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 2	9	114	31	27.19	0.00	0.00	0.89	88	77.19	524	1057639	229876.60	0.50	2	568.90	620	169.20	185
12402	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 3																		
12403	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.16	72	8.79	168435	5138060	1435714.80	789.50	2825	583.50	970	156.50	255
12404	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 6	4	58	18	31.03	0.00	0.00	0.00	0	0.00	8	1016817	175800.10	0.00	0	401.80	428	116.40	124
12405	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 7	10	85	22	25.88	0.00	0.00	0.72	57	67.06	15067	696512	174671.10	53.50	213	245.20	282	65.90	77
12406	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 8	13	69	20	28.99	0.00	0.00	0.41	30	43.48	132027	726786	136591.90	51.50	274	336.40	369	122.30	134
12407	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	NEFS 9	52	300	72	24.00	0.00	0.00	0.61	170	56.67	357808	3069902	571841.10	253.00	1358	1614.30	1756	450.00	488
12408	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12409	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	29	284	74	26.06	0.00	0.00	0.52	147	51.76	229906	3146424	627020.60	170.00	853	1708.40	1846	467.30	504
12410	2014	SNE/MA Winter Flounder	Bottom Otter Trawl	Tri-State Sector																		
12411	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	24	1201	355	29.56	0.00	0.00	0.59	745	62.03	220	8617158	2225490.10	2.00	8	426.40	1225	156.40	387
12412	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12413	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NCCS																		
12414	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 10																		
12415	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 11																		
12416	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 12																		
12417	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 13																		
12418	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 2																		
12419	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 3	7	21	1	4.76	0.00					40	88760	780.40	0.00	0	16.80	27	0.70	1
12420	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 5																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12421	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 6																		
12422	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 7	4	43	11	25.58	0.00	0.00	0.00	0	0.00	0	320494	71321.50	0.00	0	31.20	45	9.10	13
12423	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 8																		
12424	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	NEFS 9																		
12425	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12426	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12427	2014	SNE/MA Winter Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
12428	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
12429	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
12430	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NCCS																		
12431	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 10																		
12432	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 11																		
12433	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 12																		
12434	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 13																		
12435	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 2	3	25	7	28.00	0.00	0.00	0.75	18	72.00	347	458867	108103.20	61.50	261	138.50	150	41.30	44
12436	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 3																		
12437	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 5																		
12438	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 6																		
12439	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 7																		
12440	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 8																		
12441	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	NEFS 9																		
12442	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12443	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	5	18	11	61.11	0.00	0.00	0.71	17	94.44	37073	284792	66653.20	11.00	47	131.60	141	77.60	81
12444	2014	SNE/MA Winter Flounder	Haddock Otter Trawl	Tri-State Sector																		
12445	2014	SNE/MA Winter Flounder	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
12446	2014	SNE/MA Winter Flounder	Handline	Maine Coast Community Sector																		
12447	2014	SNE/MA Winter Flounder	Handline	NCCS																		
12448	2014	SNE/MA Winter Flounder	Handline	NEFS 10																		
12449	2014	SNE/MA Winter Flounder	Handline	NEFS 11																		
12450	2014	SNE/MA Winter Flounder	Handline	NEFS 12																		
12451	2014	SNE/MA Winter Flounder	Handline	NEFS 13																		
12452	2014	SNE/MA Winter Flounder	Handline	NEFS 2																		
12453	2014	SNE/MA Winter Flounder	Handline	NEFS 3																		
12454	2014	SNE/MA Winter Flounder	Handline	NEFS 5																		
12455	2014	SNE/MA Winter Flounder	Handline	NEFS 6																		
12456	2014	SNE/MA Winter Flounder	Handline	NEFS 7																		
12457	2014	SNE/MA Winter Flounder	Handline	NEFS 8																		
12458	2014	SNE/MA Winter Flounder	Handline	NEFS 9																		
12459	2014	SNE/MA Winter Flounder	Handline	Port Clyde Community Groundfish Sector																		
12460	2014	SNE/MA Winter Flounder	Handline	Sustainable Harvest Sector 1																		
12461	2014	SNE/MA Winter Flounder	Handline	Tri-State Sector																		
12462	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	Fixed Gear Sector	14	448	168	37.50	0.00	0.00	0.26	138	30.80	1732	1622109	478583.40	28.50	97	205.60	486	66.70	170
12463	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
12464	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NCCS																		
12465	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 10																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12466	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 11																		
12467	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 12																		
12468	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 13																		
12469	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 2																		
12470	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 3	6	32	12	37.50	0.00	0.00	0.45	19	59.38	162	59335	21518.60	2.50	7	26.40	44	15.60	22
12471	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 5																		
12472	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 6																		
12473	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 7																		
12474	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 8																		
12475	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	NEFS 9																		
12476	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12477	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12478	2014	SNE/MA Winter Flounder	Large Mesh Gillnet	Tri-State Sector																		
12479	2014	SNE/MA Winter Flounder	Ruhle Trawl	Fixed Gear Sector																		
12480	2014	SNE/MA Winter Flounder	Ruhle Trawl	Maine Coast Community Sector																		
12481	2014	SNE/MA Winter Flounder	Ruhle Trawl	NCCS																		
12482	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 10																		
12483	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 11																		
12484	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 12																		
12485	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 13																		
12486	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 2																		
12487	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 3																		
12488	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 5																		
12489	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 6																		
12490	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 7																		
12491	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 8																		
12492	2014	SNE/MA Winter Flounder	Ruhle Trawl	NEFS 9																		
12493	2014	SNE/MA Winter Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12494	2014	SNE/MA Winter Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
12495	2014	SNE/MA Winter Flounder	Ruhle Trawl	Tri-State Sector																		
12496	2014	SNE/MA Yellowtail Flounder	Bottom Longline	Fixed Gear Sector																		
12497	2014	SNE/MA Yellowtail Flounder	Bottom Longline	Maine Coast Community Sector																		
12498	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NCCS																		
12499	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 10																		
12500	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 11																		
12501	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 12																		
12502	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 13																		
12503	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 2																		
12504	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 3																		
12505	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 5																		
12506	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 6																		
12507	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 7																		
12508	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 8																		
12509	2014	SNE/MA Yellowtail Flounder	Bottom Longline	NEFS 9																		
12510	2014	SNE/MA Yellowtail Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12511	2014	SNE/MA Yellowtail Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
12512	2014	SNE/MA Yellowtail Flounder	Bottom Longline	Tri-State Sector																		
12513	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Fixed Gear Sector																		
12514	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Maine Coast Community Sector																		
12515	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NCCS																		
12516	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 10																		
12517	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 11																		
12518	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 12																		
12519	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 13	46	274	71	25.91	0.00	0.00	0.45	120	43.80	317506	2138875	397289.50	495.00	2665	425.40	547	124.40	157
12520	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 2																		
12521	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 3																		
12522	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.35	248	30.28	214428	5138060	1435714.80	781.20	2796	583.50	970	156.50	255
12523	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 6																		
12524	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 7	8	71	21	29.58	0.00	0.00	0.52	40	56.34	63399	671054	173025.20	175.50	681	206.70	236	62.80	73
12525	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 8	8	13	4	30.77	0.00	0.00	0.00	0	0.00	29987	123944	27601.00	0.00	0	50.20	58	7.80	10
12526	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	NEFS 9	33	115	29	25.22	0.00	0.00	0.52	59	51.30	35096	1096219	215526.50	87.30	444	548.20	604	141.60	155
12527	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12528	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	7	36	9	25.00	0.00	0.00	0.67	23	63.89	17409	127678	37104.00	82.80	285	66.90	81	29.00	34
12529	2014	SNE/MA Yellowtail Flounder	Bottom Otter Trawl	Tri-State Sector																		
12530	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	8	38	38	100.00	0.00	0.00	0.00	0	0.00	0	143913	255085.40	2.70	2	16.40	26	43.40	70
12531	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12532	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NCCS																		
12533	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 10																		
12534	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 11																		
12535	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 12																		
12536	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 13																		
12537	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 2																		
12538	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 3	7	21	0	0.00						0	88760	0.00	0.00		16.80	27	0.00	0
12539	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 5																		
12540	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 6																		
12541	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 7	4	43	11	25.58	0.00	0.00	0.00	0	0.00	0	320494	71321.50	0.00	0	31.20	45	9.10	13
12542	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 8																		
12543	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	NEFS 9																		
12544	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12545	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12546	2014	SNE/MA Yellowtail Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
12547	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
12548	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
12549	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NCCS																		
12550	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 10																		
12551	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 11																		
12552	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 12																		
12553	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 13																		
12554	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 2																		
12555	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 3																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12556	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 5																		
12557	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 6																		
12558	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 7																		
12559	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 8																		
12560	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	NEFS 9																		
12561	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12562	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
12563	2014	SNE/MA Yellowtail Flounder	Haddock Otter Trawl	Tri-State Sector																		
12564	2014	SNE/MA Yellowtail Flounder	Handline	Fixed Gear Sector																		
12565	2014	SNE/MA Yellowtail Flounder	Handline	Maine Coast Community Sector																		
12566	2014	SNE/MA Yellowtail Flounder	Handline	NCCS																		
12567	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 10																		
12568	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 11																		
12569	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 12																		
12570	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 13																		
12571	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 2																		
12572	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 3																		
12573	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 5																		
12574	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 6																		
12575	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 7																		
12576	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 8																		
12577	2014	SNE/MA Yellowtail Flounder	Handline	NEFS 9																		
12578	2014	SNE/MA Yellowtail Flounder	Handline	Port Clyde Community Groundfish Sector																		
12579	2014	SNE/MA Yellowtail Flounder	Handline	Sustainable Harvest Sector 1																		
12580	2014	SNE/MA Yellowtail Flounder	Handline	Tri-State Sector																		
12581	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Fixed Gear Sector																		
12582	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Maine Coast Community Sector																		
12583	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NCCS																		
12584	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 10																		
12585	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 11																		
12586	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 12																		
12587	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 13																		
12588	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 2																		
12589	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 3	3	27	8	29.63	0.00	0.00	0.55	16	59.26	85	49596	14083.00	2.70	10	12.40	28	3.50	8
12590	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 5																		
12591	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 6																		
12592	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 7																		
12593	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 8																		
12594	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	NEFS 9																		
12595	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12596	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12597	2014	SNE/MA Yellowtail Flounder	Large Mesh Gillnet	Tri-State Sector																		
12598	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	Fixed Gear Sector																		
12599	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	Maine Coast Community Sector																		
12600	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NCCS																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12601	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 10																		
12602	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 11																		
12603	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 12																		
12604	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 13																		
12605	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 2																		
12606	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 3																		
12607	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 5																		
12608	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 6																		
12609	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 7																		
12610	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 8																		
12611	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	NEFS 9																		
12612	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12613	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	Sustainable Harvest Sector 1																		
12614	2014	SNE/MA Yellowtail Flounder	Ruhle Trawl	Tri-State Sector																		
12615	2014	Southern Windowpane	Bottom Longline	Fixed Gear Sector																		
12616	2014	Southern Windowpane	Bottom Longline	Maine Coast Community Sector																		
12617	2014	Southern Windowpane	Bottom Longline	NCCS																		
12618	2014	Southern Windowpane	Bottom Longline	NEFS 10																		
12619	2014	Southern Windowpane	Bottom Longline	NEFS 11																		
12620	2014	Southern Windowpane	Bottom Longline	NEFS 12																		
12621	2014	Southern Windowpane	Bottom Longline	NEFS 13																		
12622	2014	Southern Windowpane	Bottom Longline	NEFS 2																		
12623	2014	Southern Windowpane	Bottom Longline	NEFS 3																		
12624	2014	Southern Windowpane	Bottom Longline	NEFS 5																		
12625	2014	Southern Windowpane	Bottom Longline	NEFS 6																		
12626	2014	Southern Windowpane	Bottom Longline	NEFS 7																		
12627	2014	Southern Windowpane	Bottom Longline	NEFS 8																		
12628	2014	Southern Windowpane	Bottom Longline	NEFS 9																		
12629	2014	Southern Windowpane	Bottom Longline	Port Clyde Community Groundfish Sector																		
12630	2014	Southern Windowpane	Bottom Longline	Sustainable Harvest Sector 1																		
12631	2014	Southern Windowpane	Bottom Longline	Tri-State Sector																		
12632	2014	Southern Windowpane	Bottom Otter Trawl	Fixed Gear Sector																		
12633	2014	Southern Windowpane	Bottom Otter Trawl	Maine Coast Community Sector																		
12634	2014	Southern Windowpane	Bottom Otter Trawl	NCCS																		
12635	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 10																		
12636	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 11																		
12637	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 12																		
12638	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 13	46	274	71	25.91	0.02	0.00	0.18	31	11.31	0	2138875	397289.50	9372.00	50456	425.40	547	124.40	157
12639	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 2																		
12640	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 3																		
12641	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.02	0.00	0.10	30	3.66	0	5138060	1435714.80	22912.00	81996	583.50	970	156.50	255
12642	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 6																		
12643	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 7	8	71	21	29.58	0.01	0.00	0.30	21	29.58	0	671054	173025.20	1424.00	5523	206.70	236	62.80	73
12644	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 8	8	13	4	30.77	0.01	0.00	0.40	6	46.15	0	123944	27601.00	261.00	1172	50.20	58	7.80	10
12645	2014	Southern Windowpane	Bottom Otter Trawl	NEFS 9	33	115	29	25.22	0.01	0.00	0.23	19	16.52	0	1096219	215526.50	1319.00	6709	548.20	604	141.60	155

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12646	2014	Southern Windowpane	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12647	2014	Southern Windowpane	Bottom Otter Trawl	Sustainable Harvest Sector 1	7	36	9	25.00	0.05	0.00	0.39	14	38.89	0	127678	37104.00	2028.00	6979	66.90	81	29.00	34
12648	2014	Southern Windowpane	Bottom Otter Trawl	Tri-State Sector																		
12649	2014	Southern Windowpane	Extra Large Mesh Gillnet	Fixed Gear Sector	8	38	38	100.00	0.00	0.00	0.00	0	0.00	0	143913	255085.40	1.00	1	16.40	26	43.40	70
12650	2014	Southern Windowpane	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12651	2014	Southern Windowpane	Extra Large Mesh Gillnet	NCCS																		
12652	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 10																		
12653	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 11																		
12654	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 12																		
12655	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 13																		
12656	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 2																		
12657	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 3	7	21	0	0.00						0	88760	0.00	0.00		16.80	27	0.00	0
12658	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 5																		
12659	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 6																		
12660	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 7	4	43	11	25.58	0.00	0.00	0.91	33	76.74	0	320494	71321.50	1.00	4	31.20	45	9.10	13
12661	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 8																		
12662	2014	Southern Windowpane	Extra Large Mesh Gillnet	NEFS 9																		
12663	2014	Southern Windowpane	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12664	2014	Southern Windowpane	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12665	2014	Southern Windowpane	Extra Large Mesh Gillnet	Tri-State Sector																		
12666	2014	Southern Windowpane	Haddock Otter Trawl	Fixed Gear Sector																		
12667	2014	Southern Windowpane	Haddock Otter Trawl	Maine Coast Community Sector																		
12668	2014	Southern Windowpane	Haddock Otter Trawl	NCCS																		
12669	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 10																		
12670	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 11																		
12671	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 12																		
12672	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 13																		
12673	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 2																		
12674	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 3																		
12675	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 5																		
12676	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 6																		
12677	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 7																		
12678	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 8																		
12679	2014	Southern Windowpane	Haddock Otter Trawl	NEFS 9																		
12680	2014	Southern Windowpane	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12681	2014	Southern Windowpane	Haddock Otter Trawl	Sustainable Harvest Sector 1																		
12682	2014	Southern Windowpane	Haddock Otter Trawl	Tri-State Sector																		
12683	2014	Southern Windowpane	Handline	Fixed Gear Sector																		
12684	2014	Southern Windowpane	Handline	Maine Coast Community Sector																		
12685	2014	Southern Windowpane	Handline	NCCS																		
12686	2014	Southern Windowpane	Handline	NEFS 10																		
12687	2014	Southern Windowpane	Handline	NEFS 11																		
12688	2014	Southern Windowpane	Handline	NEFS 12																		
12689	2014	Southern Windowpane	Handline	NEFS 13																		
12690	2014	Southern Windowpane	Handline	NEFS 2																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12691	2014	Southern Windowpane	Handline	NEFS 3																		
12692	2014	Southern Windowpane	Handline	NEFS 5																		
12693	2014	Southern Windowpane	Handline	NEFS 6																		
12694	2014	Southern Windowpane	Handline	NEFS 7																		
12695	2014	Southern Windowpane	Handline	NEFS 8																		
12696	2014	Southern Windowpane	Handline	NEFS 9																		
12697	2014	Southern Windowpane	Handline	Port Clyde Community Groundfish Sector																		
12698	2014	Southern Windowpane	Handline	Sustainable Harvest Sector 1																		
12699	2014	Southern Windowpane	Handline	Tri-State Sector																		
12700	2014	Southern Windowpane	Large Mesh Gillnet	Fixed Gear Sector																		
12701	2014	Southern Windowpane	Large Mesh Gillnet	Maine Coast Community Sector																		
12702	2014	Southern Windowpane	Large Mesh Gillnet	NCCS																		
12703	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 10																		
12704	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 11																		
12705	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 12																		
12706	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 13																		
12707	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 2																		
12708	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 3	3	27	8	29.63	0.00	0.00	0.00	0	0.00	0	49596	14083.00	0.00	0	12.40	28	3.50	8
12709	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 5																		
12710	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 6																		
12711	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 7																		
12712	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 8																		
12713	2014	Southern Windowpane	Large Mesh Gillnet	NEFS 9																		
12714	2014	Southern Windowpane	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12715	2014	Southern Windowpane	Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12716	2014	Southern Windowpane	Large Mesh Gillnet	Tri-State Sector																		
12717	2014	Southern Windowpane	Ruhle Trawl	Fixed Gear Sector																		
12718	2014	Southern Windowpane	Ruhle Trawl	Maine Coast Community Sector																		
12719	2014	Southern Windowpane	Ruhle Trawl	NCCS																		
12720	2014	Southern Windowpane	Ruhle Trawl	NEFS 10																		
12721	2014	Southern Windowpane	Ruhle Trawl	NEFS 11																		
12722	2014	Southern Windowpane	Ruhle Trawl	NEFS 12																		
12723	2014	Southern Windowpane	Ruhle Trawl	NEFS 13																		
12724	2014	Southern Windowpane	Ruhle Trawl	NEFS 2																		
12725	2014	Southern Windowpane	Ruhle Trawl	NEFS 3																		
12726	2014	Southern Windowpane	Ruhle Trawl	NEFS 5																		
12727	2014	Southern Windowpane	Ruhle Trawl	NEFS 6																		
12728	2014	Southern Windowpane	Ruhle Trawl	NEFS 7																		
12729	2014	Southern Windowpane	Ruhle Trawl	NEFS 8																		
12730	2014	Southern Windowpane	Ruhle Trawl	NEFS 9																		
12731	2014	Southern Windowpane	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12732	2014	Southern Windowpane	Ruhle Trawl	Sustainable Harvest Sector 1																		
12733	2014	Southern Windowpane	Ruhle Trawl	Tri-State Sector																		
12734	2014	White Hake	Bottom Longline	Fixed Gear Sector																		
12735	2014	White Hake	Bottom Longline	Maine Coast Community Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12736	2014	White Hake	Bottom Longline	NCCS																		
12737	2014	White Hake	Bottom Longline	NEFS 10																		
12738	2014	White Hake	Bottom Longline	NEFS 11																		
12739	2014	White Hake	Bottom Longline	NEFS 12																		
12740	2014	White Hake	Bottom Longline	NEFS 13																		
12741	2014	White Hake	Bottom Longline	NEFS 2																		
12742	2014	White Hake	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.94	25	83.33	78	25373	10268.30	1.00	2	13.90	31	3.90	9
12743	2014	White Hake	Bottom Longline	NEFS 5																		
12744	2014	White Hake	Bottom Longline	NEFS 6																		
12745	2014	White Hake	Bottom Longline	NEFS 7																		
12746	2014	White Hake	Bottom Longline	NEFS 8																		
12747	2014	White Hake	Bottom Longline	NEFS 9																		
12748	2014	White Hake	Bottom Longline	Port Clyde Community Groundfish Sector																		
12749	2014	White Hake	Bottom Longline	Sustainable Harvest Sector 1																		
12750	2014	White Hake	Bottom Longline	Tri-State Sector																		
12751	2014	White Hake	Bottom Otter Trawl	Fixed Gear Sector																		
12752	2014	White Hake	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.00	0	0.00	5491	154677	25447.80	0.00	0	71.10	97	14.90	20
12753	2014	White Hake	Bottom Otter Trawl	NCCS																		
12754	2014	White Hake	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.79	148	74.00	24	470759	160498.60	52.00	153	89.00	201	27.10	58
12755	2014	White Hake	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.00	0	0.00	16	175151	61222.20	0.00	0	57.90	133	18.80	45
12756	2014	White Hake	Bottom Otter Trawl	NEFS 12																		
12757	2014	White Hake	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.80	243	71.05	37053	3350017	718732.30	45.00	210	756.80	907	240.40	282
12758	2014	White Hake	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.44	347	38.30	322351	5599704	1441149.50	791.00	3073	1300.30	1663	354.90	456
12759	2014	White Hake	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.00	0	0.00	5	88342	15579.60	0.00	0	39.60	68	9.80	17
12760	2014	White Hake	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.59	454	55.43	110	5138060	1435714.80	92.00	329	583.50	970	156.50	255
12761	2014	White Hake	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.76	105	49.07	177945	3175217	565754.50	28.00	157	618.30	664	171.50	184
12762	2014	White Hake	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.49	70	42.94	8605	1995266	378056.70	49.00	259	637.00	702	149.20	167
12763	2014	White Hake	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.43	53	29.61	30280	2266180	432991.20	274.00	1434	687.70	752	180.10	198
12764	2014	White Hake	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.45	227	30.19	441143	10988348	2502773.90	3499.00	15362	2686.20	2915	812.90	868
12765	2014	White Hake	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12766	2014	White Hake	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.54	529	38.75	1866926	18546694	4078972.90	637.00	2896	4168.60	4578	1102.20	1215
12767	2014	White Hake	Bottom Otter Trawl	Tri-State Sector																		
12768	2014	White Hake	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.84	922	76.58	127	8639508	2225490.10	3.00	12	427.30	1228	156.40	387
12769	2014	White Hake	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12770	2014	White Hake	Extra Large Mesh Gillnet	NCCS																		
12771	2014	White Hake	Extra Large Mesh Gillnet	NEFS 10																		
12772	2014	White Hake	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.49	103	70.07	357	136849	50437.90	7.00	19	114.10	183	51.60	84
12773	2014	White Hake	Extra Large Mesh Gillnet	NEFS 12																		
12774	2014	White Hake	Extra Large Mesh Gillnet	NEFS 13																		
12775	2014	White Hake	Extra Large Mesh Gillnet	NEFS 2																		
12776	2014	White Hake	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.47	121	55.50	5915	438096	65766.70	64.00	426	160.40	282	47.80	87
12777	2014	White Hake	Extra Large Mesh Gillnet	NEFS 5																		
12778	2014	White Hake	Extra Large Mesh Gillnet	NEFS 6																		
12779	2014	White Hake	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.85	53	75.71	96	474502	109628.80	10.00	43	141.30	164	43.00	51
12780	2014	White Hake	Extra Large Mesh Gillnet	NEFS 8																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12781	2014	White Hake	Extra Large Mesh Gillnet	NEFS 9																		
12782	2014	White Hake	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12783	2014	White Hake	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12784	2014	White Hake	Extra Large Mesh Gillnet	Tri-State Sector																		
12785	2014	White Hake	Haddock Otter Trawl	Fixed Gear Sector																		
12786	2014	White Hake	Haddock Otter Trawl	Maine Coast Community Sector																		
12787	2014	White Hake	Haddock Otter Trawl	NCCS																		
12788	2014	White Hake	Haddock Otter Trawl	NEFS 10																		
12789	2014	White Hake	Haddock Otter Trawl	NEFS 11																		
12790	2014	White Hake	Haddock Otter Trawl	NEFS 12																		
12791	2014	White Hake	Haddock Otter Trawl	NEFS 13																		
12792	2014	White Hake	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.74	47	48.96	32574	2244647	369779.30	11.00	67	298.90	325	66.60	72
12793	2014	White Hake	Haddock Otter Trawl	NEFS 3																		
12794	2014	White Hake	Haddock Otter Trawl	NEFS 5																		
12795	2014	White Hake	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.00	0	0.00	4985	99072	11202.30	0.00	0	52.70	56	20.70	22
12796	2014	White Hake	Haddock Otter Trawl	NEFS 7																		
12797	2014	White Hake	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.83	17	68.00	3014	361627	56033.90	21.00	136	161.80	175	29.70	31
12798	2014	White Hake	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.96	50	56.82	44130	887800	127537.80	9.00	63	505.20	539	71.90	77
12799	2014	White Hake	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12800	2014	White Hake	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.91	135	64.90	82364	3972811	836556.70	7.00	33	1016.10	1080	248.00	262
12801	2014	White Hake	Haddock Otter Trawl	Tri-State Sector																		
12802	2014	White Hake	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
12803	2014	White Hake	Handline	Maine Coast Community Sector																		
12804	2014	White Hake	Handline	NCCS																		
12805	2014	White Hake	Handline	NEFS 10																		
12806	2014	White Hake	Handline	NEFS 11																		
12807	2014	White Hake	Handline	NEFS 12																		
12808	2014	White Hake	Handline	NEFS 13																		
12809	2014	White Hake	Handline	NEFS 2																		
12810	2014	White Hake	Handline	NEFS 3																		
12811	2014	White Hake	Handline	NEFS 5																		
12812	2014	White Hake	Handline	NEFS 6																		
12813	2014	White Hake	Handline	NEFS 7																		
12814	2014	White Hake	Handline	NEFS 8																		
12815	2014	White Hake	Handline	NEFS 9																		
12816	2014	White Hake	Handline	Port Clyde Community Groundfish Sector																		
12817	2014	White Hake	Handline	Sustainable Harvest Sector 1																		
12818	2014	White Hake	Handline	Tri-State Sector																		
12819	2014	White Hake	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.39	227	50.44	23049	1638677	485437.90	211.00	712	217.40	499	76.00	180
12820	2014	White Hake	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.14	32	7.80	168572	1429826	353463.60	1644.00	6650	450.00	649	123.20	177
12821	2014	White Hake	Large Mesh Gillnet	NCCS																		
12822	2014	White Hake	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.00	0	0.00	4076	473965	92516.60	0.00	0	133.60	220	35.40	59
12823	2014	White Hake	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.26	201	22.48	164798	3256715	768846.50	1485.00	6290	820.80	1302	226.60	361
12824	2014	White Hake	Large Mesh Gillnet	NEFS 12																		
12825	2014	White Hake	Large Mesh Gillnet	NEFS 13																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12826	2014	White Hake	Large Mesh Gillnet	NEFS 2																		
12827	2014	White Hake	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.19	108	15.47	59547	1708866	468591.80	326.00	1189	379.60	790	122.90	248
12828	2014	White Hake	Large Mesh Gillnet	NEFS 5																		
12829	2014	White Hake	Large Mesh Gillnet	NEFS 6																		
12830	2014	White Hake	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.00	0.00	0.57	13	43.33	9927	88536	15012.50	61.00	360	104.10	115	26.20	28
12831	2014	White Hake	Large Mesh Gillnet	NEFS 8																		
12832	2014	White Hake	Large Mesh Gillnet	NEFS 9																		
12833	2014	White Hake	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12834	2014	White Hake	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.01	0.00	0.18	22	10.33	335347	1469531	425410.40	2926.00	10108	655.60	744	181.90	207
12835	2014	White Hake	Large Mesh Gillnet	Tri-State Sector																		
12836	2014	White Hake	Ruhle Trawl	Fixed Gear Sector																		
12837	2014	White Hake	Ruhle Trawl	Maine Coast Community Sector																		
12838	2014	White Hake	Ruhle Trawl	NCCS																		
12839	2014	White Hake	Ruhle Trawl	NEFS 10																		
12840	2014	White Hake	Ruhle Trawl	NEFS 11																		
12841	2014	White Hake	Ruhle Trawl	NEFS 12																		
12842	2014	White Hake	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	0	26684	7451.20	0.00	0	27.90	29	14.80	15
12843	2014	White Hake	Ruhle Trawl	NEFS 2																		
12844	2014	White Hake	Ruhle Trawl	NEFS 3																		
12845	2014	White Hake	Ruhle Trawl	NEFS 5																		
12846	2014	White Hake	Ruhle Trawl	NEFS 6																		
12847	2014	White Hake	Ruhle Trawl	NEFS 7																		
12848	2014	White Hake	Ruhle Trawl	NEFS 8																		
12849	2014	White Hake	Ruhle Trawl	NEFS 9																		
12850	2014	White Hake	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12851	2014	White Hake	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	1121	621804	54725.70	0.00	0	85.50	95	20.30	22
12852	2014	White Hake	Ruhle Trawl	Tri-State Sector																		
12853	2014	Witch Flounder	Bottom Longline	Fixed Gear Sector																		
12854	2014	Witch Flounder	Bottom Longline	Maine Coast Community Sector																		
12855	2014	Witch Flounder	Bottom Longline	NCCS																		
12856	2014	Witch Flounder	Bottom Longline	NEFS 10																		
12857	2014	Witch Flounder	Bottom Longline	NEFS 11																		
12858	2014	Witch Flounder	Bottom Longline	NEFS 12																		
12859	2014	Witch Flounder	Bottom Longline	NEFS 13																		
12860	2014	Witch Flounder	Bottom Longline	NEFS 2																		
12861	2014	Witch Flounder	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.00	0	0.00	0	25373	10268.30	0.00	0	13.90	31	3.90	9
12862	2014	Witch Flounder	Bottom Longline	NEFS 5																		
12863	2014	Witch Flounder	Bottom Longline	NEFS 6																		
12864	2014	Witch Flounder	Bottom Longline	NEFS 7																		
12865	2014	Witch Flounder	Bottom Longline	NEFS 8																		
12866	2014	Witch Flounder	Bottom Longline	NEFS 9																		
12867	2014	Witch Flounder	Bottom Longline	Port Clyde Community Groundfish Sector																		
12868	2014	Witch Flounder	Bottom Longline	Sustainable Harvest Sector 1																		
12869	2014	Witch Flounder	Bottom Longline	Tri-State Sector																		
12870	2014	Witch Flounder	Bottom Otter Trawl	Fixed Gear Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12871	2014	Witch Flounder	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.34	17	33.33	12689	154677	25447.80	50.00	304	71.10	97	14.90	20
12872	2014	Witch Flounder	Bottom Otter Trawl	NCCS																		
12873	2014	Witch Flounder	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.25	46	23.00	37005	470759	160498.60	38.00	111	89.00	201	27.10	58
12874	2014	Witch Flounder	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.32	50	38.17	15804	175151	61222.20	107.00	306	57.90	133	18.80	45
12875	2014	Witch Flounder	Bottom Otter Trawl	NEFS 12																		
12876	2014	Witch Flounder	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.34	103	30.12	24406	3350017	718732.30	1038.00	4838	756.80	907	240.40	282
12877	2014	Witch Flounder	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.26	164	18.10	231367	5615257	1441149.50	2261.00	8810	1300.30	1663	354.90	456
12878	2014	Witch Flounder	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.93	50	76.92	4499	88342	15579.60	3.00	17	39.60	68	9.80	17
12879	2014	Witch Flounder	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.55	425	51.89	2141	5138060	1435714.80	874.00	3128	583.50	970	156.50	255
12880	2014	Witch Flounder	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.19	13	6.07	90253	3170641	565754.50	999.00	5599	618.30	664	171.50	184
12881	2014	Witch Flounder	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.41	58	35.58	29633	1995266	378056.70	371.00	1958	637.00	702	149.20	167
12882	2014	Witch Flounder	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.40	48	26.82	15386	2266180	432991.20	756.00	3957	687.70	752	180.10	198
12883	2014	Witch Flounder	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.24	85	11.30	76126	10988348	2502773.90	5932.00	26044	2686.20	2915	812.90	868
12884	2014	Witch Flounder	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
12885	2014	Witch Flounder	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.10	32	2.34	430516	18442366	4078972.90	7091.00	32061	4168.60	4578	1102.20	1215
12886	2014	Witch Flounder	Bottom Otter Trawl	Tri-State Sector																		
12887	2014	Witch Flounder	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.00	0	0.00	3	8639508	2225490.10	0.00	0	427.30	1228	156.40	387
12888	2014	Witch Flounder	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
12889	2014	Witch Flounder	Extra Large Mesh Gillnet	NCCS																		
12890	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 10																		
12891	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.00	0	0.00	61	136849	50437.90	0.00	0	114.10	183	51.60	84
12892	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 12																		
12893	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 13																		
12894	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 2																		
12895	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.00	0	0.00	872	438096	65766.70	0.00	0	160.40	282	47.80	87
12896	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 5																		
12897	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 6																		
12898	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.00	0	0.00	0	474502	109628.80	0.00	0	141.30	164	43.00	51
12899	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 8																		
12900	2014	Witch Flounder	Extra Large Mesh Gillnet	NEFS 9																		
12901	2014	Witch Flounder	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12902	2014	Witch Flounder	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
12903	2014	Witch Flounder	Extra Large Mesh Gillnet	Tri-State Sector																		
12904	2014	Witch Flounder	Haddock Otter Trawl	Fixed Gear Sector																		
12905	2014	Witch Flounder	Haddock Otter Trawl	Maine Coast Community Sector																		
12906	2014	Witch Flounder	Haddock Otter Trawl	NCCS																		
12907	2014	Witch Flounder	Haddock Otter Trawl	NEFS 10																		
12908	2014	Witch Flounder	Haddock Otter Trawl	NEFS 11																		
12909	2014	Witch Flounder	Haddock Otter Trawl	NEFS 12																		
12910	2014	Witch Flounder	Haddock Otter Trawl	NEFS 13																		
12911	2014	Witch Flounder	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.43	24	25.00	18608	2240466	369779.30	151.00	915	298.90	325	66.60	72
12912	2014	Witch Flounder	Haddock Otter Trawl	NEFS 3																		
12913	2014	Witch Flounder	Haddock Otter Trawl	NEFS 5																		
12914	2014	Witch Flounder	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.52	6	66.67	1525	95042	11202.30	3.00	25	52.70	56	20.70	22
12915	2014	Witch Flounder	Haddock Otter Trawl	NEFS 7																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12916	2014	Witch Flounder	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.63	14	56.00	1960	361627	56033.90	251.00	1620	161.80	175	29.70	31
12917	2014	Witch Flounder	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.63	32	36.36	1120	887800	127537.80	98.00	682	505.20	539	71.90	77
12918	2014	Witch Flounder	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
12919	2014	Witch Flounder	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.73	115	55.29	13599	3808498	836556.70	278.00	1266	1016.10	1080	248.00	262
12920	2014	Witch Flounder	Haddock Otter Trawl	Tri-State Sector																		
12921	2014	Witch Flounder	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
12922	2014	Witch Flounder	Handline	Maine Coast Community Sector																		
12923	2014	Witch Flounder	Handline	NCCS																		
12924	2014	Witch Flounder	Handline	NEFS 10																		
12925	2014	Witch Flounder	Handline	NEFS 11																		
12926	2014	Witch Flounder	Handline	NEFS 12																		
12927	2014	Witch Flounder	Handline	NEFS 13																		
12928	2014	Witch Flounder	Handline	NEFS 2																		
12929	2014	Witch Flounder	Handline	NEFS 3																		
12930	2014	Witch Flounder	Handline	NEFS 5																		
12931	2014	Witch Flounder	Handline	NEFS 6																		
12932	2014	Witch Flounder	Handline	NEFS 7																		
12933	2014	Witch Flounder	Handline	NEFS 8																		
12934	2014	Witch Flounder	Handline	NEFS 9																		
12935	2014	Witch Flounder	Handline	Port Clyde Community Groundfish Sector																		
12936	2014	Witch Flounder	Handline	Sustainable Harvest Sector 1																		
12937	2014	Witch Flounder	Handline	Tri-State Sector																		
12938	2014	Witch Flounder	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.00	0	0.00	112	1638677	485437.90	0.00	0	217.40	499	76.00	180
12939	2014	Witch Flounder	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.27	96	23.41	759	1429826	353463.60	12.00	49	450.00	649	123.20	177
12940	2014	Witch Flounder	Large Mesh Gillnet	NCCS																		
12941	2014	Witch Flounder	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.87	142	75.53	1965	473965	92516.60	2.00	10	133.60	220	35.40	59
12942	2014	Witch Flounder	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.17	97	10.85	1272	3256715	768846.50	36.00	152	820.80	1302	226.60	361
12943	2014	Witch Flounder	Large Mesh Gillnet	NEFS 12																		
12944	2014	Witch Flounder	Large Mesh Gillnet	NEFS 13																		
12945	2014	Witch Flounder	Large Mesh Gillnet	NEFS 2																		
12946	2014	Witch Flounder	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.43	337	48.28	6987	1708866	468591.80	7.00	26	379.60	790	122.90	248
12947	2014	Witch Flounder	Large Mesh Gillnet	NEFS 5																		
12948	2014	Witch Flounder	Large Mesh Gillnet	NEFS 6																		
12949	2014	Witch Flounder	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.00	0.00	0.00	0	0.00	69	88536	15012.50	0.00	0	104.10	115	26.20	28
12950	2014	Witch Flounder	Large Mesh Gillnet	NEFS 8																		
12951	2014	Witch Flounder	Large Mesh Gillnet	NEFS 9																		
12952	2014	Witch Flounder	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
12953	2014	Witch Flounder	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.31	53	24.88	558	1469531	425410.40	28.00	97	655.60	744	181.90	207
12954	2014	Witch Flounder	Large Mesh Gillnet	Tri-State Sector																		
12955	2014	Witch Flounder	Ruhle Trawl	Fixed Gear Sector																		
12956	2014	Witch Flounder	Ruhle Trawl	Maine Coast Community Sector																		
12957	2014	Witch Flounder	Ruhle Trawl	NCCS																		
12958	2014	Witch Flounder	Ruhle Trawl	NEFS 10																		
12959	2014	Witch Flounder	Ruhle Trawl	NEFS 11																		
12960	2014	Witch Flounder	Ruhle Trawl	NEFS 12																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
12961	2014	Witch Flounder	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	99	26684	7451.20	0.00	0	27.90	29	14.80	15
12962	2014	Witch Flounder	Ruhle Trawl	NEFS 2																		
12963	2014	Witch Flounder	Ruhle Trawl	NEFS 3																		
12964	2014	Witch Flounder	Ruhle Trawl	NEFS 5																		
12965	2014	Witch Flounder	Ruhle Trawl	NEFS 6																		
12966	2014	Witch Flounder	Ruhle Trawl	NEFS 7																		
12967	2014	Witch Flounder	Ruhle Trawl	NEFS 8																		
12968	2014	Witch Flounder	Ruhle Trawl	NEFS 9																		
12969	2014	Witch Flounder	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
12970	2014	Witch Flounder	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	1103	553291	54725.70	0.00	0	85.50	95	20.30	22
12971	2014	Witch Flounder	Ruhle Trawl	Tri-State Sector																		
12972	2014	Wolffish	Bottom Longline	Fixed Gear Sector																		
12973	2014	Wolffish	Bottom Longline	Maine Coast Community Sector																		
12974	2014	Wolffish	Bottom Longline	NCCS																		
12975	2014	Wolffish	Bottom Longline	NEFS 10																		
12976	2014	Wolffish	Bottom Longline	NEFS 11																		
12977	2014	Wolffish	Bottom Longline	NEFS 12																		
12978	2014	Wolffish	Bottom Longline	NEFS 13																		
12979	2014	Wolffish	Bottom Longline	NEFS 2																		
12980	2014	Wolffish	Bottom Longline	NEFS 3	4	30	9	30.00	0.00	0.00	0.80	23	76.67	0	25373	10268.30	21.00	52	13.90	31	3.90	9
12981	2014	Wolffish	Bottom Longline	NEFS 5																		
12982	2014	Wolffish	Bottom Longline	NEFS 6																		
12983	2014	Wolffish	Bottom Longline	NEFS 7																		
12984	2014	Wolffish	Bottom Longline	NEFS 8																		
12985	2014	Wolffish	Bottom Longline	NEFS 9																		
12986	2014	Wolffish	Bottom Longline	Port Clyde Community Groundfish Sector																		
12987	2014	Wolffish	Bottom Longline	Sustainable Harvest Sector 1																		
12988	2014	Wolffish	Bottom Longline	Tri-State Sector																		
12989	2014	Wolffish	Bottom Otter Trawl	Fixed Gear Sector																		
12990	2014	Wolffish	Bottom Otter Trawl	Maine Coast Community Sector	8	51	14	27.45	0.00	0.00	0.59	31	60.78	0	154677	25447.80	73.00	444	71.10	97	14.90	20
12991	2014	Wolffish	Bottom Otter Trawl	NCCS																		
12992	2014	Wolffish	Bottom Otter Trawl	NEFS 10	10	200	58	29.00	0.00	0.00	0.36	76	38.00	0	470759	160498.60	273.00	801	89.00	201	27.10	58
12993	2014	Wolffish	Bottom Otter Trawl	NEFS 11	6	131	45	34.35	0.00	0.00	0.83	105	80.15	0	175151	61222.20	11.00	31	57.90	133	18.80	45
12994	2014	Wolffish	Bottom Otter Trawl	NEFS 12																		
12995	2014	Wolffish	Bottom Otter Trawl	NEFS 13	62	342	87	25.44	0.00	0.00	0.39	126	36.84	0	3350017	718732.30	64.00	298	756.80	907	240.40	282
12996	2014	Wolffish	Bottom Otter Trawl	NEFS 2	68	906	203	22.41	0.00	0.00	0.25	151	16.67	0	5521495	1441149.50	990.00	3793	1300.30	1663	354.90	456
12997	2014	Wolffish	Bottom Otter Trawl	NEFS 3	3	65	16	24.62	0.00	0.00	0.87	48	73.85	0	88342	15579.60	8.00	45	39.60	68	9.80	17
12998	2014	Wolffish	Bottom Otter Trawl	NEFS 5	52	819	199	24.30	0.00	0.00	0.00	0	0.00	2	5138060	1435714.80	0.00	0	583.50	970	156.50	255
12999	2014	Wolffish	Bottom Otter Trawl	NEFS 6	22	214	28	13.08	0.00	0.00	0.49	62	28.97	0	3162349	565754.50	186.00	1040	618.30	664	171.50	184
13000	2014	Wolffish	Bottom Otter Trawl	NEFS 7	19	163	36	22.09	0.00	0.00	0.56	81	49.69	0	1995266	378056.70	60.00	317	637.00	702	149.20	167
13001	2014	Wolffish	Bottom Otter Trawl	NEFS 8	29	179	30	16.76	0.00	0.00	0.50	64	35.75	0	2266180	432991.20	253.00	1324	687.70	752	180.10	198
13002	2014	Wolffish	Bottom Otter Trawl	NEFS 9	120	752	123	16.36	0.00	0.00	0.29	120	15.96	0	10988348	2502773.90	1056.00	4636	2686.20	2915	812.90	868
13003	2014	Wolffish	Bottom Otter Trawl	Port Clyde Community Groundfish Sector																		
13004	2014	Wolffish	Bottom Otter Trawl	Sustainable Harvest Sector 1	159	1365	223	16.34	0.00	0.00	0.18	87	6.37	0	18391827	4078972.90	1864.00	8405	4168.60	4578	1102.20	1215
13005	2014	Wolffish	Bottom Otter Trawl	Tri-State Sector																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
13006	2014	Wolffish	Extra Large Mesh Gillnet	Fixed Gear Sector	27	1204	355	29.49	0.00	0.00	0.00	0	0.00	0	8639508	2225490.10	0.00	0	427.30	1228	156.40	387
13007	2014	Wolffish	Extra Large Mesh Gillnet	Maine Coast Community Sector																		
13008	2014	Wolffish	Extra Large Mesh Gillnet	NCCS																		
13009	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 10																		
13010	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 11	10	147	68	46.26	0.00	0.00	0.00	0	0.00	0	136849	50437.90	0.00	0	114.10	183	51.60	84
13011	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 12																		
13012	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 13																		
13013	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 2																		
13014	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 3	15	218	73	33.49	0.00	0.00	0.83	174	79.82	0	438096	65766.70	27.00	180	160.40	282	47.80	87
13015	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 5																		
13016	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 6																		
13017	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 7	7	70	19	27.14	0.00	0.00	0.00	0	0.00	0	474502	109628.80	0.00	0	141.30	164	43.00	51
13018	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 8																		
13019	2014	Wolffish	Extra Large Mesh Gillnet	NEFS 9																		
13020	2014	Wolffish	Extra Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
13021	2014	Wolffish	Extra Large Mesh Gillnet	Sustainable Harvest Sector 1																		
13022	2014	Wolffish	Extra Large Mesh Gillnet	Tri-State Sector																		
13023	2014	Wolffish	Haddock Otter Trawl	Fixed Gear Sector																		
13024	2014	Wolffish	Haddock Otter Trawl	Maine Coast Community Sector																		
13025	2014	Wolffish	Haddock Otter Trawl	NCCS																		
13026	2014	Wolffish	Haddock Otter Trawl	NEFS 10																		
13027	2014	Wolffish	Haddock Otter Trawl	NEFS 11																		
13028	2014	Wolffish	Haddock Otter Trawl	NEFS 12																		
13029	2014	Wolffish	Haddock Otter Trawl	NEFS 13																		
13030	2014	Wolffish	Haddock Otter Trawl	NEFS 2	17	96	13	13.54	0.00	0.00	0.59	37	38.54	0	2067390	369779.30	458.00	2561	298.90	325	66.60	72
13031	2014	Wolffish	Haddock Otter Trawl	NEFS 3																		
13032	2014	Wolffish	Haddock Otter Trawl	NEFS 5																		
13033	2014	Wolffish	Haddock Otter Trawl	NEFS 6	4	9	3	33.33	0.00	0.00	0.00	0	0.00	0	75253	11202.30	0.00	0	52.70	56	20.70	22
13034	2014	Wolffish	Haddock Otter Trawl	NEFS 7																		
13035	2014	Wolffish	Haddock Otter Trawl	NEFS 8	7	25	5	20.00	0.00	0.00	0.69	15	60.00	0	361627	56033.90	222.00	1433	161.80	175	29.70	31
13036	2014	Wolffish	Haddock Otter Trawl	NEFS 9	22	88	10	11.36	0.00	0.00	0.69	36	40.91	0	887800	127537.80	19.00	132	505.20	539	71.90	77
13037	2014	Wolffish	Haddock Otter Trawl	Port Clyde Community Groundfish Sector																		
13038	2014	Wolffish	Haddock Otter Trawl	Sustainable Harvest Sector 1	32	208	35	16.83	0.00	0.00	0.49	74	35.58	0	3716391	836556.70	25.00	111	1016.10	1080	248.00	262
13039	2014	Wolffish	Haddock Otter Trawl	Tri-State Sector																		
13040	2014	Wolffish	Handline	Fixed Gear Sector	3	14	3	21.43	0.00	0.00	0.00	0	0.00	0	12596	31.60	0.00	0	16.20	23	1.10	3
13041	2014	Wolffish	Handline	Maine Coast Community Sector																		
13042	2014	Wolffish	Handline	NCCS																		
13043	2014	Wolffish	Handline	NEFS 10																		
13044	2014	Wolffish	Handline	NEFS 11																		
13045	2014	Wolffish	Handline	NEFS 12																		
13046	2014	Wolffish	Handline	NEFS 13																		
13047	2014	Wolffish	Handline	NEFS 2																		
13048	2014	Wolffish	Handline	NEFS 3																		
13049	2014	Wolffish	Handline	NEFS 5																		
13050	2014	Wolffish	Handline	NEFS 6																		

Table E.4 At-Sea Observer Requirement Determination CV Data Table for NE Multispecies Sectors - (Stock/Gear/Sector)

	Fishing Year	Stock	Gear	Sector	Number Vessels	SubTrips	SubTrips Observed	SubTrips Observed Percent	Discard Ratio	Discard Ratio Variance	CV	SubTrips CV30	SubTrips CV30 Percent	Stock Landings	Kept All	Kept Observed	Discard Observed	Discard UnObserved	Days	Days Full	Days Observed	Days Observed Full
13051	2014	Wolffish	Handline	NEFS 7																		
13052	2014	Wolffish	Handline	NEFS 8																		
13053	2014	Wolffish	Handline	NEFS 9																		
13054	2014	Wolffish	Handline	Port Clyde Community Groundfish Sector																		
13055	2014	Wolffish	Handline	Sustainable Harvest Sector 1																		
13056	2014	Wolffish	Handline	Tri-State Sector																		
13057	2014	Wolffish	Large Mesh Gillnet	Fixed Gear Sector	15	450	170	37.78	0.00	0.00	0.21	103	22.89	0	1638677	485437.90	275.00	928	217.40	499	76.00	180
13058	2014	Wolffish	Large Mesh Gillnet	Maine Coast Community Sector	11	410	111	27.07	0.00	0.00	0.30	111	27.07	0	1429826	353463.60	260.00	1052	450.00	649	123.20	177
13059	2014	Wolffish	Large Mesh Gillnet	NCCS																		
13060	2014	Wolffish	Large Mesh Gillnet	NEFS 10	6	188	50	26.60	0.00	0.00	0.36	65	34.57	0	473965	92516.60	80.00	410	133.60	220	35.40	59
13061	2014	Wolffish	Large Mesh Gillnet	NEFS 11	27	894	254	28.41	0.00	0.00	0.19	122	13.65	0	3256715	768846.50	274.00	1161	820.80	1302	226.60	361
13062	2014	Wolffish	Large Mesh Gillnet	NEFS 12																		
13063	2014	Wolffish	Large Mesh Gillnet	NEFS 13																		
13064	2014	Wolffish	Large Mesh Gillnet	NEFS 2																		
13065	2014	Wolffish	Large Mesh Gillnet	NEFS 3	23	698	218	31.23	0.00	0.00	0.17	93	13.32	0	1708866	468591.80	372.00	1357	379.60	790	122.90	248
13066	2014	Wolffish	Large Mesh Gillnet	NEFS 5																		
13067	2014	Wolffish	Large Mesh Gillnet	NEFS 6																		
13068	2014	Wolffish	Large Mesh Gillnet	NEFS 7	4	30	5	16.67	0.01	0.00	0.28	5	16.67	0	88536	15012.50	92.00	543	104.10	115	26.20	28
13069	2014	Wolffish	Large Mesh Gillnet	NEFS 8																		
13070	2014	Wolffish	Large Mesh Gillnet	NEFS 9																		
13071	2014	Wolffish	Large Mesh Gillnet	Port Clyde Community Groundfish Sector																		
13072	2014	Wolffish	Large Mesh Gillnet	Sustainable Harvest Sector 1	17	213	51	23.94	0.00	0.00	0.30	52	24.41	0	1469531	425410.40	160.00	553	655.60	744	181.90	207
13073	2014	Wolffish	Large Mesh Gillnet	Tri-State Sector																		
13074	2014	Wolffish	Ruhle Trawl	Fixed Gear Sector																		
13075	2014	Wolffish	Ruhle Trawl	Maine Coast Community Sector																		
13076	2014	Wolffish	Ruhle Trawl	NCCS																		
13077	2014	Wolffish	Ruhle Trawl	NEFS 10																		
13078	2014	Wolffish	Ruhle Trawl	NEFS 11																		
13079	2014	Wolffish	Ruhle Trawl	NEFS 12																		
13080	2014	Wolffish	Ruhle Trawl	NEFS 13	3	4	2	50.00	0.00	0.00	0.00	0	0.00	0	26684	7451.20	0.00	0	27.90	29	14.80	15
13081	2014	Wolffish	Ruhle Trawl	NEFS 2																		
13082	2014	Wolffish	Ruhle Trawl	NEFS 3																		
13083	2014	Wolffish	Ruhle Trawl	NEFS 5																		
13084	2014	Wolffish	Ruhle Trawl	NEFS 6																		
13085	2014	Wolffish	Ruhle Trawl	NEFS 7																		
13086	2014	Wolffish	Ruhle Trawl	NEFS 8																		
13087	2014	Wolffish	Ruhle Trawl	NEFS 9																		
13088	2014	Wolffish	Ruhle Trawl	Port Clyde Community Groundfish Sector																		
13089	2014	Wolffish	Ruhle Trawl	Sustainable Harvest Sector 1	5	25	4	16.00	0.00	0.00	0.00	0	0.00	0	527530	54725.70	0.00	0	85.50	95	20.30	22
13090	2014	Wolffish	Ruhle Trawl	Tri-State Sector																		

APPENDIX F

Timely and Accurate Data

This appendix provides additional information concerning the standards NMFS uses to ensure that observer data as a whole is timely.

Timely Data Submission Requirements

"Must have timely and accurate data submission" is among the top five items that are stressed to the observer and monitor candidates in training, included in a PowerPoint presentation on their first day.

Data can be grouped into three main forms of data: electronic, paper, and biological. Each form of data has a submission time as defined in contracts with service providers and by Northeast Fisheries Science Center's (NEFSC) Fisheries Sampling Branch (FSB) policy. There are two programs, the Northeast Fisheries Sampling Program (NEFOP) and the At-Sea Monitoring Program (ASM), collecting data for catch monitoring in the Northeast (NE) Multispecies fishery. For the remainder of this attachment, the term "observer" will be used to refer to both NEFOP observers and at-sea monitors collecting data for the FSB. Both programs adhere to the same data submission times related to catch monitoring. The electronic form of data is used for the weekly sector catch report. Observers must submit this electronic data within 48 hours of landing. Data are reported through a secure website and include trip statistics such as dates and times, gear type, and haul by haul information on catch (location, species, weight, and fish disposition). The paper logs must be received by NMFS within 5 calendar days. The paper logs have more detailed information that supports the calculations and sampling methods. The electronic data are verified by FSB staff, where tow locations are plotted, gear types are compared to past trips, general ranges of species complexes and weights are tested for accuracy, and species identification photographs are confirmed. The electronic data are verified by a trained FSB editor and loaded to an Oracle database that is shared with the Northeast Regional Office (NERO), sector managers, and vessel owners within 24 hours of receiving it. Once the paper logs are received, a second-level data quality check is performed, comparing the paper data to the electronic data in the database. Biological specimens (collected for tagging studies, to support trainings, or to validate species ids), must be received within 5 calendar days. The full ASM and NEFOP Request for Proposal (i.e. contract Statement of Work) are available online at: http://www.nefsc.noaa.gov/fsb/asm/ and http://www.nefsc.noaa.gov/fsb/program.html. The Section C.4.2.3.1 of the ASM contract defines the data deliverable timeline:

> "Electronic data entry by At-Sea Monitors is required in addition to required paperwork, and shall be managed by the contractor in coordination with the Contracting Officer's Technical Representative (COTR). Submission of At-Sea Monitor data to the NMFS shall be accomplished in a timely manner. The contractor shall work with the COTR to establish the appropriate means to transfer the electronic data to the COTR.
>
> (a). Delivery of paper log data shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.5.
>
> (b). Delivery of electronic data shall be received within 2 calendar days (48 hours) of the vessel landing as referenced in Section F.5.6.

(c). Delivery of biological specimens (whole fish samples) shall be received within 5 calendar days (120 hours) of the vessel landing as referenced in Section F.5.7.
At-Sea Monitors shall send any written data and biological specimens directly to NMFS. The Government will provide shipping and supplies. At-Sea Monitors shall assure that biological samples or whole animals requiring freezing are received by the nearest NMFS freezer facility within twenty-four (24) hours of vessel landing. NMFS has freezers located in major fishing ports (Section J, Attachment 10, Freezer Locations). The transfer or transport of the frozen samples or animals must be received by NMFS (At-Sea Monitor Training Center) within 5 calendar days of the trip landing, unless a delay is authorized by the COTR. Costs for travel associated with transport of biological samples will be reimbursed under the travel provision section herein (Section B Supplies or Services and Prices/Costs Travel CLINS 0002, 1002 and 2002)."

Observers receive written guidance on the Late Trip Submission Policy. Specific criteria are outlined which define late data. The policy also describes the penalty for meeting not these criteria, i.e., being put on priority status for the next 3 trips (memo excerpt below, also available online: http://www.nefsc.noaa.gov/fsb/memos/):

"All FSB observers are required to submit their trip data in a timely manner, specified in the program contract and/or regulations. Trip data includes paper data logs, biological samples, Pre-Trip Vessel Safety Checklist, electronic data, and any digital photographs or film.

Trip data shall be received from at-sea monitors at the conclusion of each deployment and transmitted electronically; using NMFS supplied equipment, to NMFS within 48 hours of the completion of the trip. Paper data logs will not be accepted from the contractor; however paper worksheets may be mailed to NMFS. Paper should be mailed within three (3) days of landing to be received at NMFS within 5 days of the trip landing. Data must be submitted electronically from the contractor within 48 hours of the trip landing date.

Trips should never be submitted late. Although most observers uphold this standard, there have been some problems with late submissions, which have resulted in pre-mature closures of fisheries. Late trips disrupt the data processing deadlines and hold up or confound fisheries management decisions. If an observer submits late data, according to the following criteria, they will be placed on priority status:

- 3 trips in a row are late (electronic, paper, and/or biological samples), OR
- 5 of the last 10 trips are late (electronic, paper, and/or biological samples), OR
- a single trip's electronic data uploaded more than 72 hours after landing, OR
- a single trip's paper logs arrive more than 7 days after landing, OR
- a single trip's biological samples arrive 14 days or more after landing

FSB may approve exceptions for excused lateness or trips that arrive late due to unforeseen mailing/shipping problems. Observers can request an extension via their provider. Extensions or excused lateness are granted by the Contracting Officer's Technical Representative (COTR). However, an observer with history of late trips with multiple excuses may also be considered for priority status. The FSB Data Quality Monitoring and Improvement Measures document provides details on priority and probation policies, as well as consequences for lack of improvement."

Efforts to Ensure Compliance with Time Requirements

Observers, and providers are rated on their adherence to the timely data submission requirements. Data quality is monitored in the Northeast Fisheries Science Center through the Shadow Trip program, priority process, probation process, and decertification standards. Disciplinary steps are taken if the above policies are broken. Below is a description of these efforts.

Monitoring Data Quality: FSB considers data quality a critical component of the mission of all observers and observer programs. Poor quality data may result in unreliable or biased estimates of fishery activity and reflects negatively on the program. The Data Quality Lead, Data Editors, and other FSB staff are tasked with ensuring that all data collected by FSB observers is of the highest quality possible. When an observer's data collection or performance does not meet FSB standards, one or more of the following actions may be taken.

Shadow Trips: If an observer's data quality is questionable (e.g., poor organization, difficulty sampling catch, etc.), a shadow trip may be requested. The Data Quality Lead will communicate the need for a shadow trip to the observer service provider, and assist in scheduling the trip. An experienced FSB staff member would accompany the observer on a trip (typically a single-day trip on a specified gear type) to review and assess their methods. Refer to the Shadow Trip Program document for more details.

Priority status: Priority status is used when there are concerns about an observer's understanding of key concepts. It is an opportunity to provide feedback to the observer before the error is repeated on subsequent trips. Priority status must be approved by the Data Editor Lead, who will communicate with the observer and service provider about the reason(s) for priority status and the expected length of priority status. If trip-by-trip reviews are required, the observer may not redeploy on another trip until the priority trip has been fully edited and debriefed. Trips will be edited immediately, and the observer will be debriefed as soon as possible. The Data Editor Lead will send out status emails after each trip, as well as the final notification when an observer goes off priority status. Priority status may apply to only specific trip types or circumstances (e.g., gear type, trip duration, incidental take of a protected species, etc). In those cases, the observer may redeploy on back-to-back trips until the specified trip type or circumstance occurs.

If at the end of the priority period (maximum five trips), the observer has not rectified the issues noted, or has another egregious error, the observer will be reevaluated and may be recommended for probation status. If the observer successfully completes their priority trips with no further problems, they may resume taking trips in the standard manner. If the issues noted are repeated within three months from the completion of their priority trips, the observer will be reevaluated and may be recommended for probation status.

Probation: Probation status is used when there are serious data quality concerns or a serious breach of protocols. Probation status is the last chance for an observer to show improvement before decertification. Probation status must be approved by the Data Quality Lead, who will write a specific plan for the probation period. The plan must be approved and signed by the Branch Chief, and electronic and hard copies will be submitted to the observer service provider. A minimum of three trips will be planned, and specific trips (e.g., gear type, trip duration) or other measures (e.g., trip-by-trip approval, submitting notebooks, in-person debriefings, etc.) may be required. If the probation plan requires trip-by-trip reviews, the observer may not redeploy on another trip until the probation trip has been fully edited and debriefed. Trips will be edited immediately, and the observer will be debriefed as

soon as possible. The Data Quality Lead will send out status emails after each trip, as well as the final notification at the completion of the probation period.

If at the end of the probation period, the observer has not met the requirements of the probation plan, the probation period may be extended (maximum five trips), or the observer may be recommended for decertification. That determination will be made by the Data Quality Team, and all recommendations for decertification must be approved by the Branch Chief. If the observer successfully completes their probation trips with no further problems, they may resume taking trips in the standard manner. If the issues noted are repeated within three months from the completion of their probation trips, the observer will be reevaluated and may be recommended for decertification.

Emergency probation: This may be invoked at any time if there was reason to believe some egregious violation of procedures, protocols, or Standards of Conduct had been committed. This action will be carried out by the Branch Chief following discussions with the Data Quality Team, including the Data Quality Lead. The Data Quality Lead will notify the Observer Contract COTR, the observer provider Program Manager, and the observer of their decision in writing. Typically, this is a short-term probation pending an investigation as to the nature of the offense.

Decertification: If there is no discernible improvement in the observer's performance during the probationary trips, the observer will be decertified by the Branch Chief. Decertification will be communicated verbally and in writing by FSB staff to the Observer Contract COTR, the observer service provider Program Manager, and the observer.

An observer will automatically be decertified for failure to conform to the Standards of Conduct signed during observer training. Providing false statements to the government is illegal. An observer will be decertified if they falsify data. Falsification is defined as: *The act of deliberately or knowingly fabricating data collected during observed fishing trips, this includes intentional recording of inaccurate data, intentional omission or deletion of data, intentional plagiarism, or, in general, the selective alteration of data.*

The decertification procedure is subject to appeal in writing from the observer to the Branch Chief. The Branch Chief's determination of decertification is final. Decertification would disqualify an observer from re-applying to work as an FSB observer in any program.

Monitoring Data Processing: There are several automated reports that monitor, report, and advise the providers and FSB staff of the progress of data processing:

- A daily report is sent to each observer service provider with two sections: one showing outstanding electronic uploads (i.e., a Pre-Trip Notification System trip that has been completed but hasn't had data uploaded yet), with the number of hours that have elapsed since the date/time land; and one showing trips that have been uploaded, but for which we have not received paper logs yet, with the numbers of days since the date land showing. They are both color coded into classes (yellow=due tomorrow, orange=due today, red=late);
- An hourly report runs during the work week to alert FSB staff of new uploads that they can begin working on;
- A daily report goes out every morning to FSB staff that tracks the progress of data processing; and
- A weekly report provides the achievement rate of meeting the weekly data loading schedule.

Data Usage

Observers collect scientific, management, compliance, and other fisheries data onboard commercial fishing vessels. While the data collected has multiple uses, one is for the calculation of discard rates which are applied to unobserved sector trips. A full explanation of the discard rate calculation procedure is available at: http://www.nero.noaa.gov/nero/regs/infodocs/DiscardCalculations.pdf. Sectors use discard information, as well as information from other sources, to track allocations. It is the responsibility of individual sectors to submit weekly reports to NMFS stating the remaining balance of Allocated Catch Entitlement (ACE) for each sector based upon regulated species landings and discards of vessels participating in that sector and any compliance or enforcement concerns. Once a sector's catch reaches 80% of its ACE, the sector must report any catch on a daily basis. Sector reports are also relied on in estimating catch for ACE and ACL purposes. A description of the weekly reporting requirements is available at:
http://www.nero.noaa.gov/sfd/sectordocs/PreparingSectorManagerReportFY12.pdf.

APPENDIX G

As noted on page 3 of this Summary, Oceana and NOAA Fisheries signed a settlement agreement that stated that specific information would be released, provided that the release complied with the data requirements of Section 402(b) of the Magnuson-Stevens Fishery Conservation and Management Act (MSA). NOAA Fisheries determined that presenting all of the information outlined in Item 3 of the settlement agreement would violate the MSA confidentiality provisions because the level of detail would disclose confidential information provided by individuals participating in the sector program. As a result, the tables in Appendix E present information summarized by stock and gear because, when the data is further categorized by sector, it reveals confidential information.

In a letter dated March 22, 2013, attorneys representing Oceana objected to the NOAA Fisheries decision and contended that the agency should take the following actions to come into compliance with the settlement agreement: "(1) explain the standard it uses to determine when disclosure of aggregate data will directly or indirectly lead to the disclosure of confidential information in violation of the Magnuson-Stevens Act….and (2) present the specified data for all strata except those individual strata that would present a risk of disclosure in violation of the articulated confidentiality standard." This appendix complies with the request to the extent possible under the requirements of MSA Section 402(b).

The standards used to determine when data can be released can be found in Section 402 (b) of the MSA, regulations at 50 CFR Subpart E and on the Northeast Regional Office website (www.nero.noaa.gov/apsd/DataRequestFactSheet.pdf). The fact sheet notes that, "Because the information submitted in vessel and dealer reports is confidential, it can only be provided, with limited exceptions, to the individual who submitted the information, unless that individual provides written authorization to the Agency to release it to someone else."

The MSA and its implementing regulations also specify that the agency may make public information in aggregate or summary form which does not disclose the identity or business of any person who submits such information.

The presentation of information in Table 3 of Appendix E was designed to provide a complete set of data that did not reveal confidential information. The presentation of complete information was thought to be more informative to the public than the redacted presentation of the information by all three strata (sector, fishing gear, and stock area).

In the spirit of full disclosure and transparency, the data presented in Table 4 of Appendix E shows the information by strata (sector, gear, and stock area) for FY2010 and FY2011, with information redacted when it could reveal confidential information. The information is presented for 4928 stratum in which the aggregated information represents the activities of at least three fishing vessels. The strata that have been redacted represent 431 strata in which there was fishing activity by fewer than three vessels which would reveal confidential data as defined in the MSA and implementing regulations, and 3228 strata in which there was no fishing activity. The redacted strata are not distinguished from one another because revealing that

information could provide sufficient information to allow informed users of the data to calculate information for an individual participant. For the same reasons, the derivative information for redacted strata (e.g., number of observed trips, realized CV, percent observer coverage required to achieve CV30) is not revealed.

It has been a longstanding policy standard for NOAA fisheries to withhold information if fewer than three entities contributed information to a single data point. Clearly, the presentation of data submitted by one individual would be confidential information that could not be released. Information submitted by two individuals could not be released because of the ease with which one submitter could calculate the other submitter's information, if the identity of the other submitter could be determined. For the sector strata data, NOAA Fisheries is even more concerned about the possibility that confidential information could be derived because of the amount of public information available about each sector (vessel membership, total annual catch by stock). In addition, other information about sector participants may be widely known (e.g., fishing gears used).