2011 Large Whale Entanglement Report

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2011 Large Whale Entanglement Report

Table 1. 2011 large whale entanglement reports for entangled whales.

Indication of Initial Entanglement*

	Live	Dead	TOTAL
Right Whale	10	1	11
Humpback Whale	21	0	21
Finback Whale	1	0	1
Minke Whale	4	2	6
Sei Whale	0	0	0
Unknown	0	0	0
TOTAL	36	3	39

* "Indication of Initial Entanglement" is marked for cases where one or more of the following applies:

- Gear was reported on a whale by a reliable observer.
- Gear was photo-documented on a whale.
- Gear was retrieved from a whale.
- Gear was reported on a whale by an inexperienced observer who was interviewed by National Marine Fisheries Service (NMFS) or Advanced Responders within the Atlantic Large Whale Disentanglement Network and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

Wounds, condition and NMFS serious injury and mortality determination

Descriptions of wounds and condition in this report were based on the preliminary information at the time of the event. Analysis of data and final classifications were undertaken separately as part of the serious injury and mortality determinations done by NMFS Northeast Fisheries Science Center (NEFSC). All entanglement cases may obtain new information outside of the production time frame of this report which may alter any determination, status or sighting information. Please contact the appropriate organization for up to date sighting information. Whales not deemed a serious injury or mortality by NEFSC are categorized in this report as a human-induced injury. New national criteria were used in this report which includes a prorating system for specific cases. Deceased animals that have no gear documented or witnessed, with a Cause of Death determined to be entanglement will not be listed in this report but rather the NEFSC Mortality and Serious Injury reports. The reports for the Mortality and Serious Injury Determinations for Baleen Whale Stocks along the Gulf of Mexico, United States East Coast and Atlantic Canadian Provinces, 2007-2011 are available online at http://nefsc.noaa.gov/publications/crd/crd1318/crd1318.pdf and http://nefsc.noaa.gov/publications/crd/crd1324/crd1324.pdf.

Notes:

- Entanglement case information within this report has been compiled from numerous resources including U.S. and Canadian federal governments, U.S. state agencies and partners within the Atlantic Large Whale Disentanglement Network. The reports represent all known U.S. coast-wide large whale entanglement data including animals that fall under U.S. regulations but were outside U.S. borders (ex. right whales, Gulf of Maine humpback whales). The reported cases within this report should be considered a minimum number and not comprehensive.
- Subsequent status definitions: Entangled = animal was last seen with an entanglement that may or may not be life-threatening; Gear shed = animal shed the entangling gear on its own without human intervention; Disentangled – gear free = animal had all gear completely removed by disentanglement network responders; Disentangled – gear shed = animal had all life-threatening gear removed by disentanglement network responders, but some non-life threatening gear remained and was later shed by the whale.
- Gear analysis was conducted by NMFS staff on recovered gear, including owner interviews when applicable. All analysis is quantitative in nature and any qualitative information is outside the scope of this report.
- New England Aquarium (NEAq) and the North Atlantic Right Whale Consortium provided sighting and life history information for right whales. Please contact Heather Pettis of NEAq for more information.
- Life history and sighting information for humpback whales was provided by the Provincetown Center for Coastal Studies (PCCS), with contributions from Blue Ocean Society, Brier Island Whale and Seabird Cruises and The Whale Center of New England. Please contact Jooke Robbins of PCCS for more information.
- Scott Landry of Provincetown Center for Coastal Studies supplied the entanglement diagrams.
- Many thanks to Allison Henry and numerous NMFS staff that offered helpful comments.

Table 2. Key for common acronyms

ALWDN	Atlantic Large Whale Disentanglement Network
BOS	Blue Ocean Society
COA	College of the Atlantic, ME
CWR	Campobello Whale Rescue (Canada)
DFO	Department of Fisheries and Oceans (Canada)
ECE	East Coast Ecosystems (Canada)
ECO	EcoHealth Alliance
EWS	Early Warning System
FRC	Fast Response Craft
FWC	Florida Fish and Wildlife Conservation Commission
GA DNR	Georgia Department of Natural Resources
GMWSRS	Grand Manan Whale and Seabird Research Station (Canada)
IFAW	International Fund for Animal Welfare
MA DMF	Massachusetts Division of Marine Fisheries
MARS	Marine Animal Rescue Society (Canada)
MD DNR	Maryland Department of Natural Resources
ME DMR	Maine Department of Marine Resources
MEP	Massachusetts Environmental Police
MMP	Maine Marine Patrol
MERR	Marine Education Research and Rehabilitation Institute, DE
MMSC	Marine Mammal Stranding Center, NJ
NAB	National Aquarium in Baltimore, MD
NEAq	New England Aquarium Right Whale Research Team, MA
NEFSC	NMFS Protected Species Branch, Northeast Fisheries Science Center
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
OLE	Office of Law Enforcement
PCCS	Provincetown Center for Coastal Studies, MA
RI DEM	Rhode Island Department of Environmental Management
RIEP	Rhode Island Environmental Police
SAG	Surface Active Group
SBNMS	Stellwagen Bank National Marine Sanctuary, MA
SC DNR	South Carolina Department of Natural Resources
SEFSC	NMFS Protected Species Branch, Southeast Fisheries Science Center
SSA	Sea to Shore Alliance
UNC-W	University of North Carolina, Wilmington
USCG	United States Coast Guard
VAq	Virginia Aquarium
VMRC	Virginia Marine Resources Commission
WCNE	The Whale Center of New England, MA
WHOI	Woods Hole Oceanographic Institution, MA
WW	Whale Watch

Table 3. Entanglement summary for 2011 confirmed cases.

Entanglement Report Number	Species	Date of 1st Observation	Dead/ Alive	SI Determ-ination	Gear Collected	Type of Gear	Gear part ID
E01-11	Humpback	1/07/11	Alive	SI	No	Gillnet	N
E02-11	Right	1/19/11	Alive	Non-SI	No	U	N/A
E03-11	Right	1/30/11	Alive	Non-SI	No	U	N/A
E04-11	Humpback	2/01/11	Alive	SI	No	U	N/A
E05-11	Right	2/13/11	Alive	Non-SI	Yes	Gillnet	N
E06-11	Right	2/13/11	Alive	SI	No	U	N/A
E07-11	Right	3/16/11	Dead	SI	Yes	U	U
E08-11	Right	3/17/11	Alive	Non-SI	No	Gillnet	N
E09-11	Humpback	4/11/11	Alive	Prorate = 0.75	No	U	N/A
E10-11	Humpback	4/15/11	Alive	Prorate = 0.75	Yes	Sink Gillnet	S, V, N
E11-11	Right	4/22/11	Alive	Non-SI	Yes	Trap/Pot	V
E12-11	Right	4/22/11	Alive	SI	No	U	N/A
E13-11	Right	4/29/11	Alive	Non-SI	No	U	N/A
E14-11	Minke	5/06/11	Dead	SI	Yes	Trap/Pot	S, V, T, G
E15-11	Humpback	5/30/11	Alive	Prorate = 0.75	No	U	N/A
E16-11	Humpback	6/03/11	Alive	Non-SI	Yes	U	U
E17-11	Humpback	7/09/11	Alive	Prorate = 0.75	No	U	N/A
E18-11	Finback	7/09/11	Alive	Non-SI	No	U	N/A
E19-11	Humpback	7/10/11	Alive	Prorate = 0.75	No	U	N/A
E20-11	Minke	7/17/11	Alive	Prorate = 0.75	No	U	N/A
E21-11	Humpback	7/18/11	Alive	Non-SI	No	Trap/Pot	S, V
E22-11	Humpback	7/21/11	Alive	Prorate = 0.75	No	U	N/A
E23-11	Minke	7/24/11	Alive	Prorate = 0.75	No	U	N/A
E24-11	Humpback	7/25/11	Alive	Non-SI	No	U	N/A
E25-11	Humpback	7/30/11	Alive	Non-SI	No	Mono	U
E26-11	Humpback	7/30/11	Alive	Non-SI	No	Mono	U
E27-11	Humpback	7/31/11	Alive	Non-SI	No	Mono	U
E28-11	Humpback	8/02/11	Alive	Non-SI	No	Mono	U
E29-11	Humpback	8/14/11	Alive	Non-SI	No	Hook & Line	U
E30-11	Humpback	9/15/11	Alive	Non-SI	No	U	N/A
E31-11	Right	9/18/11	Alive	Prorate = 0.75	No	Gillnet	N

Entanglement Report Number	Species	Date of 1st Observation	Dead/ Alive	SI Determ-ination	Gear Collected	Type of Gear	Gear part ID
E32-11	Right	9/27/11	Alive	Prorate = 0.75	No	U	N/A
E33-11	Humpback	9/30/11	Alive	Non-SI	No	Sink Gillnet	N
E34-11	Minke	10/05/11	Alive	Non-SI	Yes	Trap/Pot	V
E35-11	Minke	10/06/11	Dead	SI	No	Trap/Pot	V
E36-11	Humpback	10/10/11	Alive	SI	No	U	N/A
E37-11	Humpback	11/08/11	Alive	Non-SI	No	Mono	U
E38-11	Humpback	11/13/11	Alive	Non-SI	No	Trap/Pot	G
E39-11	Minke	12/19/11	Dead	SI	No	Trap/Pot	V

Table 3 notes – Dead/Alive column represents the latest known status as of the writing of this report.

SI determination using new criteria: SI = Serious injury or mortality was determined to be the primary cause from entanglement, value against the potential biological removal (PBR) is one; Prorate = fractional value against PBR is listed. Non-SI = no serious injury or mortality caused by the entanglement, value against PBR is zero.

Abbreviations within the Gear Part ID: V = Vertical/End Line; S = Surface System; G = Ground Line; N = Gillnet/Mesh; T = Trap/Pot; U = Unknown, gear type could not be determined; N/A = Not applicable, no gear was analyzed. Any combination of codes is possible although each code will only be listed once, regardless if different types of gear were involved. This column may not represent all portions of the true initial entanglement as gear could have been shed before the first observation. Gear portions identified may not represent the section that initially caused the entanglement.

2011 Entanglements

NMFS No.	E01-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	1/07/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	6.8 NM southeast of Oregon Inlet, NC
Latitude/Longitude 1st Observed Entangled	35° 41.05'N 75° 03.53'W
Event Description	A private boater reported the entangled whale to the USCG who relayed the report to local responders. Local USCG staff responded and verified the entanglement and acquired additional documentation. Due to the time of day and distance from local disentanglement responders, no response was attempted. Animal was not relocated later in the week.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Green monofilament mesh over the head, body and flukes.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting Prior to Entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 01-11		
Field No.	J 010711 hw	Date 1st Observed	1/7/11
Location 1st Observed	6.8 NM southeast of Oregon Inlet, NC 35° 41.0' N, 75° 26.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Gillnet		Target Species:	Unknown

Gear Description:

Based on photographic documentation it's been determined that the whale is carrying gillnet. Monofilament webbing, floatrope and floats are visible in photographs.

Comments:

Conclusions:

The entanglement involves monofilament gillnet gear.

Report By:	John F. Kenney	Date:	10/3/12	Current Location of Gear	N.A.

NMFS No.	E02-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	1/19/2011
Species	Right
Individual ID	#3010, “Binary”
Location 1st Observed Entangled	12.8 NM east northeast of St. Augustine, FL
Latitude/Longitude 1st Observed Entangled	29° 58.34’N 81° 04.84’W
Event Description	1/19/2011 • FWC aerial survey team noticed the mother (with calf) entangled during post-trip photo analysis. Although documentation was not complete it was thought at the time the entanglement was minor. 1/20/2011 • FWC aerial and vessel teams located the mother and calf pair and attempted to further document the entanglement. Poor sighting conditions proved difficult; however it appeared the entanglement was shifting or portions were not visible as in the first sighting. The case was still thought to be minor. 1/30/2011 • FWC aerial survey team located the mother and calf. The entanglement configuration appeared again to have changed. Calf was documented nursing and also ‘interacting’ with the entangling gear on the mother. 2/18/2011 • FWC aerial and vessel teams located the mother and calf pair. No gear was visible although poor sighting conditions prevented confirmation that gear was still present. 4/22/2011 • NEFSC aerial survey team located the mother and calf pair and confirmed she was gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Single line exiting the left side of the mouth with the bitter end near the peduncle.
B. Subsequent Descriptions	1/20/2011 • No line was visible exiting either side of the mouth. A small

	section of line with a small black float was visible above the right pectoral flipper. It was thought line was still exiting the left side of the mouth leading across the ventral torso and possibly involving the flippers. 1/30/2011 • Line was visible exiting the left side of the mouth and leading under the left pectoral flipper.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	12/13/2010
Re-sightings Post-entanglement	4/22/2011
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E02-11		
Field No.	J 011911 rw	Date 1st Observed	1/19/11
Location 1st Observed	12.8 NM east northeast of St. Augustine, FL 29° 58.3' N, 81° 4.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3010, "Binary"	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/3/12	Current Location of Gear	N.A.

NMFS No.	E03-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	1/30/2011
Species	Right
Individual ID	#3712
Location 1st Observed Entangled	10.1 NM east of St. Augustine, FL
Latitude/Longitude 1st Observed Entangled	29° 44.0'N 81° 03.6'W
Event Description	1/30/2011 • FWC aerial survey team located the animal and notified local responders. Upon arrival, the FWC response team was able to further document the entanglement. After studying the photographs it was determined the entanglement was most likely minor and the case would be monitored. 2/6/2011 • FWC aerial survey team relocated the animal with three other right whales. No change in the entanglement configuration or health of the animal. 4/10/2011 • Whale seen by NEFSC aerial survey team. No gear was visible although poor sighting conditions prevented confirmation. The case was still considered minor. 11/8/2011 • NEFSC aerial survey team located the whale and confirmed it was gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Two pieces of line exited the left side of the mouth. One was terminating just beyond the flipper and the other extended halfway down the body. The second line had also what appeared to be fine mesh and small floats.
B. Subsequent Descriptions	2/6/2011 • Same entanglement configuration as first sighting.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted

B. Subsequent Descriptions	None
Sighting prior to entanglement	10/20/2010
Re-sightings Post-entanglement	11/8/2011
Life History Information	Juvenile male
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E03-11		
Field No.	J 013011 rw	Date 1st Observed	1/30/11
Location 1st Observed	10.1 NM east of St. Augustine, FL 29° 44.0' N, 81° 3.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3712	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/3/12	Current Location of Gear	N.A.

NMFS No.	E04-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	2/01/2011
Species	Humpback
Individual ID	"EKG"
Location 1st Observed Entangled	20.8 NM south of Bar Harbor, ME
Latitude/Longitude 1st Observed Entangled	44° 2.624'N 68° 08.607'W
Event Description	MMP responded to a report of an anchored humpback whale. Despite the assistance of a local fisherman (under permission from NMFS) they were unable to completely raise the anchoring gear to aid in disentangling the whale. The team did feel they were able to make a few cuts below the surface although they were unclear how their cuts may have aided the whale. Poor sea conditions prevented more complex efforts and the team left the animal at the end of the day. Dedicated relocation efforts during the following days, by both aerial and vessel platforms, did not relocate the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	No gear was actually seen but it was clear the tailstock and/or fluke was involved given the near vertical layout of the animal.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None were visible.
B. Subsequent Descriptions	None
Sighting prior to entanglement	10/14/2010
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age, first seen in 2006.
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E04-11	Date 1st Observed	2/1/11
Field No.	J 020111 hw		
Location 1st Observed	20.8 NM south of Bar Harbor, ME 44° 2.6' N, 68° 8.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"EKG"	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/3/12	Current Location of Gear	N.A.

NMFS No.	E05-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear shed
Date 1st Observed Entangled	2/13/2011
Species	Right
Individual ID	#3760
Location 1st Observed Entangled	30.2 NM east of Brunswick, GA
Latitude/Longitude 1st Observed Entangled	31° 4.952'N 80° 53.894'W
Event Description	2/13/2011 • GA ECO aerial survey team first sighted and documented the entangled whale. GA DNR response team managed to cut and recover gear from both sides of the mouth. A small portion of gear was unable to be retrieved although it was thought the whale may be able to shed the gear on its own. 4/25/2011 • PCCS noted in post-trip analysis that the whale was seen gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Red monofilament mesh exiting both sides of the mouth and leading over the head. Two twists of mesh out of the right side of the mouth and one twist out of the left side of the mouth. The twists overall were loose and frequently seen moving over the head and back.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	5/1/2010
Re-sightings Post-entanglement	4/25/2011
Life History Information	Juvenile female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E05-11		
Field No.	J 021311 rw-1	Date 1st Observed	2/13/11
Location 1st Observed	30.2 NM east of Brunswick, GA 31° 5.0' N, 80° 53.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	#3760	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		2/13/11	Gear Retrieved By	GA ECO/GA DNR
Date Gear Received		4/8/11	Received From	NMFS
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Gillnet webbing		Target Species:	Unknown

Gear Description:
Approximately 5 square feet of pink monofilament webbing was recovered. Mesh size is approximately 6 ¼ inch with a twine size of ~ 0.61 mm (0.024").

Comments:

Conclusions:
Monofilament gillnet webbing.

Report By:	John F. Kenney	Date:	9/20/12	Current Location of Gear	NMFS, RI

NMFS No.	E06-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	2/13/2011
Species	Right
Individual ID	#3993
Location 1st Observed Entangled	18.4 NM south southeast of Tybee Island, GA
Latitude/Longitude 1st Observed Entangled	31° 41.301'N 80° 46.011'W
Event Description	SC ECO aerial survey located and documented the entangled whale. The whale appeared in poor condition with cyamids present, pale skin, underweight and a very pale right flipper. No response was undertaken due to the local response team working on another case (see E05-11).
Description of Gear on Whale as Reported	
A. During Initial Sighting	Green line was seen originating from the right flipper area although the exact attachment point was unknown. Two lines were seen trailing from that area and terminating just beyond the flukes.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Overall, the whale appeared in poor thin condition with cyamids present, pale skin and a very pale right flipper.
B. Subsequent Descriptions	None
Sighting prior to entanglement	4/20/2010
Re-sightings Post-entanglement	None
Life History Information	Juvenile male
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E06-11		
Field No.	J 021311 rw-2	Date 1st Observed	2/13/11
Location 1st Observed	18.4 NM south southeast of Tybee Island, GA 31° 41.3' N, 80° 46.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3993	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	9/27/12	Current Location of Gear	N.A.

NMFS No.	E07-11
Initial Status	Dead
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date 1st Observed Entangled	3/16/2011
Species	Right
Individual ID	Unknown
Location 1st Observed Entangled	Cape Island, SC
Latitude/Longitude 1st Observed Entangled	33° 1.384'N 79° 21.438'W
Event Description	Advanced decomposed carcass was discovered by SC DNR aerial survey and located 2 days later on a beach. Organic and gear samples were collected and thoroughly documented. Pending genetic confirmation, it is possible this could be the same animal as in case E06-11.
Description of Gear on Whale as Reported	
A. During Initial Sighting	2 different lines wrapped thirteen times around the right pectoral flipper. Severe wounds from embedded lines.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Carcass heavily decomposed and scavenged. Severe embedded line trauma on the right flipper, including intrusion into the humerus.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Juvenile male
NMFS Serious Injury/Mortality Determination	Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E07-11		
Field No.	J 031611 rw	Date 1st Observed	3/16/11
Location 1st Observed	Cape Island, SC 33° 01.4' N, 79° 21.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		3/18/11	Gear Retrieved By	NOS
Date Gear Received		6/8/11	Received From	SEFSC
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown		Target Species:	

Gear Description:

The rope removed from this whale consists of 2 lengths of ½ inch 3-strand rope and two separate strands of un-laid rope. The un-laid strands appear to match the 3-strand rope in material, color and size. One 3-strand length is ~22 feet overall and consists of 2 separate ropes spliced together. The other 3-strand length is ~ 15 feet long. All 4 ends are unraveled for a length ranging from 2 to 6 feet. The 2 individual strands measure ~15 feet each.

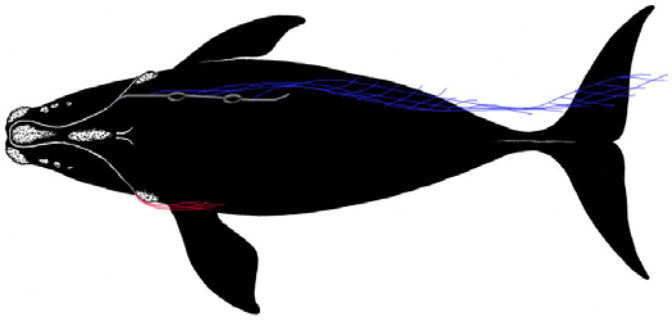
Comments:

Conclusions:

What was recovered from the whale consists only of rope of which a gear type or part cannot be determined.

Report By:	John F. Kenney	Date:	9/27/12	Current Location of Gear	NMFS, RI

NMFS No.	E08-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	3/17/2011
Species	Right
Individual ID	#3893
Location 1st Observed Entangled	10.3 NM south of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	41° 53.411'N 70° 14.534'W
Event Description	3/17/2011 • PCCS aerial survey team discovered the entanglement during post-trip analysis on 4/19/2011. 4/10/2011 • NEFSC discovered on 4/29/2011 during aerial post-trip analysis of a sighting of this whale. No gear was seen although this is most likely due to poor sighting conditions. 4/19/2011 • PCCS aerial survey team discovered the entanglement during post-trip analysis. Further analysis lead to the discovery of the additional 3/17/2011 entangled sighting. 4/24/2011 • PCCS aerial survey team located the animal and stood by until the PCCS response team arrived. The response team attempted to shorten the gear out of the right side of the mouth. Using a long pole and disentanglement blade the team reached over the body and made contact with the gear but did not make significant changes to the gear configuration. No gear was recovered with the blade. 4/25/2011 • PCCS aerial survey team documented the animal. No gear was visible although poor sighting conditions prevented confirmation. Poor sea conditions prevented a response. 4/29/2011 • PCCS aerial survey team located and confirmed the animal was gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Blue netting exiting the right side of the mouth terminating halfway down the body.
B. Subsequent Descriptions	4/24/2011 & 4/25/2011 • Blue netting exiting the right side of the mouth and terminating

C. Diagram of Entangling Gear on Whale	just beyond the flukes. A float line with black floats was also exiting the same side. A small red piece of line or netting was exiting the left side of the mouth. Diagram of 4/24/2011 sighting 
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	5/4/2010
Re-sightings Post-entanglement	4/29/2011
Life History Information	Juvenile female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E08-11	Date 1st Observed	3/17/11
Field No.	J 031711 rw		
Location 1st Observed	10.3 NM south of Race Point, Provincetown, MA 41° 53.4' N, 70°14.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3893	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Gillnet		Target Species:	

Gear Description:

Based on photographic documentation it's been determined that the whale is carrying gillnet. Monofilament webbing, floatrope and floats are visible in photographs.

Comments:

Conclusions:

The entanglement involves monofilament gillnet gear.

Report By:	John F. Kenney	Date:	10/4/12	Current Location of Gear	N.A.

NMFS No.	E09-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	4/11/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	Off Halibut Point, Rockport, MA
Latitude/Longitude 1st Observed Entangled	~42° 41.6'N 70° 38'W
Event Description	While on shore a local teacher with students documented the whale with an oblong poly ball dragging near the head. They were unclear whom to call and the report did not reach NERO until 2 hours after the initial sighting. No response was undertaken.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Orange oblong poly ball dragging near the head of the whale.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E09-11		
Field No.	J 041111 hw	Date 1st Observed	4/11/11
Location 1st Observed	Off Halibut Point, Rockport, MA 42° 41.6' N, 70° 38.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/3/12	Current Location of Gear	N.A.

NMFS No.	E10-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled (possibly gear free)
Date 1st Observed Entangled	4/15/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	0.4 NM northeast of Little Island Pier, VA
Latitude/Longitude 1st Observed Entangled	36° 42.0'N 75° 55.0'W
Event Description	4/15/2011 • Virginia Beach Park staff located the entangled animal early in the morning. VAq responders were on scene within a few hours and determined the whale was most likely anchored although the exact entanglement configuration was unclear. Due to deteriorating sea conditions and an unclear entanglement configuration, a telemetry buoy was deployed to acquire more resources and wait for a better weather window. The local fisherman whose gear was involved was contacted and provided assistance along with helpful information about his set. 4/17/2011 • Staff from VAq, PCCS, NERO, Virginia Beach Police and the local fisherman responded but the animal was no longer present in the set. The fisherman hauled the gear with NERO staff present and documented the top rope was parted and a ~50' section of mesh was missing. 4/28/2011 • VAq stranding response volunteer documented the animal just offshore Croatan Beach, VA. Even though a complete assessment could not be made from land during this sighting, it was believed based on the gear recovered from the set that no gear was left on the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Float line and mesh seen over the body although the entanglement was changing as it was documented. Unknown attachment points.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None

Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	4/28/2011
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E10-11	Date 1st Observed	4/15/11
Field No.	J 041511 hw		
Location 1st Observed	0.4 NM northeast of Little Island Pier, VA 36° 42' N 75° 55' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

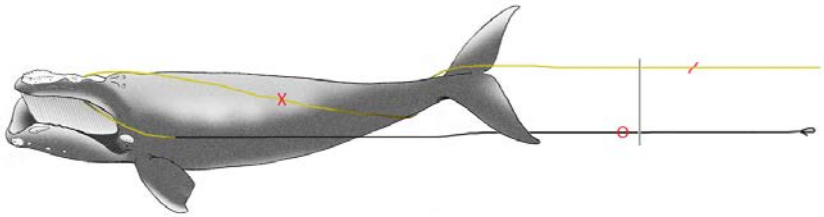
Date Gear Retrieved		April 17, 2011	Gear Retrieved By	VMRC Marine Police
Date Gear Received			Received From	
Sources:	USCG		Date Set	April 14, 2011
	CCS		Date Lost	
	Fisherman	Owner interview	Location	Same as 1st observed
	Other	VMRC Marine Police	Depth	15 to 30 feet
			Bottom Type	Sandy/mud
Gear Type:	Sink gillnet		Target Species:	croaker

Gear Description: Two 100 fathom 3 ¾ inch mesh gillnets, nets were 25 mesh deep, 16 gauge twine with 5/16 inch braided poly float line. Surface systems were a highflyer on one end a low drag poly ball on the other end. Buoy lines were constructed of braided sinking line. One buoy line was approx 34 fathoms and the other was approx 22 fathoms. Anchoring systems consisted of a 22 pound danforth style anchor on each end of string. Bridles and ground lines were constructed with braided poly line, both bridle and ground line were approximately 5 fathoms.

Comments: There were some compliance issues with this gear, however due to the fact that the VMRC web-site contained incorrect information regarding required ALWTRP gear modifications, no action was brought against the owner. The net panels were lacking the required weak links.

Conclusions: The entangling gear was sink gillnet targeting croaker. The gear was not fully compliant with ALWTRP regulations.

Report By:	Glenn Salvador	Date:	4/22/11	Current Location of Gear	Returned to owner

NMFS No.	E11-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear free
Date 1st Observed Entangled	4/22/2011
Species	Right
Individual ID	#4040, “Chiminea”
Location 1st Observed Entangled	3.7 NM southeast of Long Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	41° 59.146’N 70° 07.104’W
Event Description	PCCS aerial survey team located the entangled whale just south of Provincetown, MA. PCCS responders were on scene quickly and managed to add floatation and drag to keep the whale on the surface more than normal. Using the extended surface times of the whale the PCCS responders managed to make precise cuts and removed and recovered all of the entangling gear.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line of multiple types that were spliced together and exiting both sides of the mouth. The line exiting the right side of the mouth went over the back to the ventral side of the tailstock and then re-emerging on the dorsal surface of the right fluke and trailing beyond the fluke. The line out of the left side of the mouth exited cleanly and also extended beyond the fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	4/21/2010
Re-sightings Post-entanglement	4/22/2011 (multiple sightings post 4/22/2011)

Life History Information	Unknown sex, juvenile
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E11-11		
Field No.	J 042211 rw-1	Date 1st Observed	4/22/11
Location 1st Observed	3.7 NM SE of Long Point, Provincetown, MA 41° 59.1' N, 70° 7.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	#4040, "Chiminea"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		4/22/11	Gear Retrieved By	PCCS
Date Gear Received		4/29/11	Received From	PCCS
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Trap/Pot		Target Species:	Unknown

Gear Description: Forty six feet of 3/8" floating polypropylene rope spliced to 98 feet of 3/8" sinking poly-dac rope. The end of the polypropylene rope had an eye fashioned with a half hitch and two tucks. Thirty seven feet from the bitter end of the poly-dac was an 8" length of red bungee cord tucked into the poly-dac. Under the ALWTRP a 'red' marker is required for gear used in "Northeast, Near Shore, Trap/Pot Fisheries".

Comments: The red bungee cord is likely an indication of Northern Near Shore trap/pot waters and Northern Inshore State trap/pot waters (LMA's 1, 2 & OC). No buoys or trap were recovered or observed during disentanglement efforts.

Conclusions: While a specific fishery cannot be identified, the red mark is an indicator of Northern near shore trap/pot waters and Northern inshore state trap/pot waters.

Report By:	John F. Kenney	Date:	5/4/11	Current Location of Gear	NMFS, RI

NMFS No.	E12-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	4/22/2011
Species	Right
Individual ID	#3302
Location 1st Observed Entangled	9.4 NM southwest of Martha's Vineyard, MA
Latitude/Longitude 1st Observed Entangled	41° 12.372'N 70° 57.049'W
Event Description	4/22/2011 • NEFSC noticed the whale was entangled during post-trip analysis in October. 9/26/2011 • CWR responders noticed the entanglement during post-survey trip analysis. A response was launched the next day with NEAq and CWR but they were unable to locate the animal. 11/9/2011 • NEFSC noticed the whale was sighted, still entangled, during post-trip analysis in December.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Dark line over the head/back just behind the blowholes. Unknown attachment points although most likely mouth.
B. Subsequent Descriptions	Same gear configuration
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	8/27/2010
Re-sightings Post-entanglement	None
Life History Information	Juvenile male
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E12-11	Date 1st Observed	4/22/11
Field No.	J 042211 rw-2		
Location 1st Observed	9.4 NM southwest of Martha's Vineyard, MA 41° 12.4' N, 70° 57.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3302	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/9/12	Current Location of Gear	N.A.

NMFS No.	E13-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	4/29/2011
Species	Right
Individual ID	#3123
Location 1st Observed Entangled	9.1 NM south of Long Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	41° 53.04'N 70° 08.37'W
Event Description	4/29/2011 • PCCS aerial survey team noticed the whale was entangled during post-trip analysis in May. The entanglement was poorly understood at the time. 9/18/2011 • NEAq spotted the animal in the Bay of Fundy. They confirmed the left flipper and tailstock/fluke were not involved but the gear was assumed to still be on the right side of the animal. Given the more complete assessment it was thought the animal had a non-life threatening entanglement and did not need intervention at that time. 2/15/2012 • PCCS aerial survey team located the animal but couldn't confirm the whale was still entangled due to poor sighting conditions. 3/20/2012 • PCCS aerial survey team located the animal and confirmed the whale had shed the gear.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Red line or rolled mesh leading from the right mouth line and/or right pectoral flipper. No trailing gear was seen beyond the flipper area.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None

Sighting prior to entanglement	10/12/2010
Re-sightings Post-entanglement	3/20/2012
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E13-11	Date 1st Observed	4/29/11
Field No.	J 042911 rw		
Location 1st Observed	9.1 NM south of Long Point, Provincetown, MA 41° 53.0' N, 70° 8.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3123	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/9/12	Current Location of Gear	N.A.

NMFS No.	E14-11
Initial Status	Dead
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date 1st Observed Entangled	5/06/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	1.73 NM northwest of Gay Head Lighthouse, Martha's Vineyard, MA
Latitude/Longitude 1st Observed Entangled	41° 22.0'N 70° 52.0'W
Event Description	Fisherman reported the deceased entangled carcass. WHOI responded to retrieve the carcass and gear and managed to conduct a necropsy the same day.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Multiple embedded lines on the fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Severe trauma from embedded lines on fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Juvenile male
NMFS Serious Injury/Mortality Determination	Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E14-11		
Field No.	J 050611 mw	Date 1st Observed	5/6/11
Location 1st Observed	1.73 NM northwest of the Gay Head Lighthouse, Martha's Vineyard, MA 41° 22.0' N, 70° 52.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		5/6/11	Gear Retrieved By	MEP, WHOI
Date Gear Received		5/12/11	Received From	WHOI
Sources:	USCG		Date Set	2 – 3 days prior to 5/6/11
	CCS		Date Lost	
	Fisherman		Location	
	Other	MEP/OLE	Depth	
			Bottom Type	
Gear Type:	Trap/Pot		Target Species:	Lobster

Gear Description: Gear consists of a highflyer and toggle buoy, an end line made up of 50 ft. of 5/16" sink rope connected to 70 ft of 5/16" float rope that connects to 53 ft of 3/8" sinking ground line. A single trap was attached to the ground line with a gangion located 20 ft from the end line/ ground line junction. This gear was originally configured as a 15 pot trawl with 100 feet between pots.

Comments: The gear was not in compliance with the ALWTRP. Specifically, no weak links were present at the buoys and no end line color mark was found. In a joint effort between Mass Environmental Police and NOAA Office of Law Enforcement the owner was charged with a total of 4 violations.

Conclusions: The entanglement occurred in non-compliant lobster gear. Both ground line and end line were wrapped around the flukes.

Report By:	John F. Kenney	Date:	5/13/11	Current Location of Gear	NMFS, RI

NMFS No.	E15-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	5/30/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	0.1 NM east of Nauset Beach, Orleans, MA
Latitude/Longitude 1st Observed Entangled	41° 47.22'N 69° 55.93'W
Event Description	Nauset beach lifeguard staff noticed the whale swimming just offshore with a red and white bullet buoy trailing just behind it. A couple walking along the beach a few hours later also noticed and reported the whale. Both parties did not document the sighting. PCCS was not able to respond that day and did not relocate the animal the next day.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Red and white bullet buoy seen trailing beyond the flukes 20-30'.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E15-11	Date 1st Observed	5/30/11
Field No.	J 053011 hw		
Location 1st Observed	0.1 NM E of Nauset Beach, Orleans, MA 41° 47.2' N, 69° 51.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

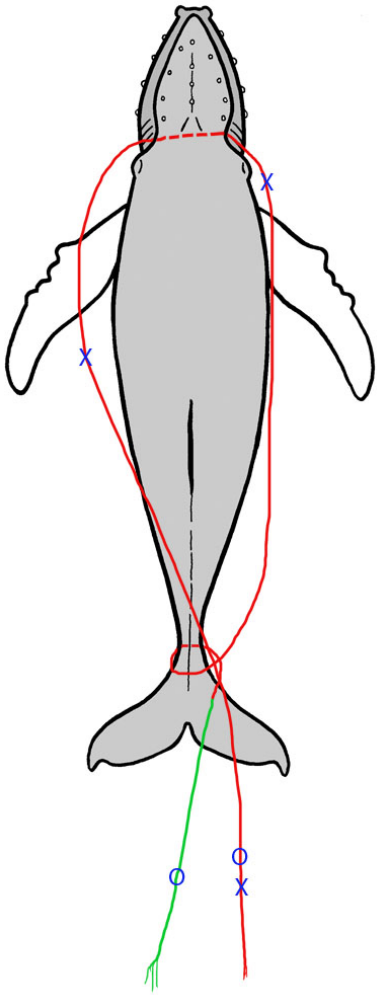
Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E16-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	6/03/2011
Species	Humpback
Individual ID	"Flyball"
Location 1st Observed Entangled	18.4 NM southeast of Portsmouth, NH
Latitude/Longitude 1st Observed Entangled	42° 52.49'N 70° 22.11'W
Event Description	6/03/2011 • WW vessel noticed the entanglement during post-trip analysis of photographs. NERO responded with help from the USCG later that day but they were unable to relocate the animal. 6/30/2011 • WW vessel located the animal but due to short surfacings it was unclear if the whale was still entangled. Due to the time of day no response was undertaken. 7/08/2011 • WW vessel located the animal. The whale was lost briefly while PCCS was en route but was relocated by the original reporting WW vessel. PCCS managed to remove and recover almost all of the gear entangling the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Red line appeared to exit the right side of the mouth and sank.
B. Subsequent Descriptions	7/8/2011 • Red line exited both sides of the mouth. Line out of the right side of the mouth wrapped the tailstock once and then terminated just beyond the fluke. The line out of the left side of the mouth extended beyond the fluke and was pulled down by a substantial weight that was unable to be recovered.

C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	7/8/2011 • Whale was described as thin with a hunched posture. Multiple severe embedded entanglement trauma points on the flippers and fluke. Blood seen actively releasing from some of the entanglement trauma points during the disentanglement.
Sighting prior to entanglement	6/3/2011 @ 11:40
Re-sightings Post-entanglement	7/8/2011
Life History Information	Consult PCCS; juvenile
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E16-11		
Field No.	J 060311 hw	Date 1st Observed	6/3/11
Location 1st Observed	18.4 NM southeast of Portsmouth, NH 42° 52.5' N, 70° 22.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	"Flyball"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		7/8/11	Gear Retrieved By	PCCS
Date Gear Received		7/18/11	Received From	PCCS
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown		Target Species:	

Gear Description:

A total of approximately 155 feet of 3/8 inch floating rope was recovered as a result of the disentanglement. It consists of ~130 feet of red poly with a purple tracer spliced into ~25 feet of green poly with a black tracer. It represents all the gear that was present at the time of disentanglement with the exception of about 10 feet left in the mouth.

Comments:

Conclusions:

What was recovered from the whale consists only of rope of which a gear type or part cannot be determined.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	NMFS, RI

NMFS No.	E17-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	7/09/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	3.4 NM south southeast of Monomoy Island, MA
Latitude/Longitude 1st Observed Entangled	41° 29.21'N 69° 59.09'W
Event Description	Recreational boaters documented a small humpback whale towing a green and red bullet buoy. The reporters were not able to stand by and despite an extensive search by PCCS and USCG the animal was not relocated.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line seen forward of the dorsal fin. Bullet buoy trailing relatively a short distance behind the whale.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E17-11	Date 1st Observed	7/9/11
Field No.	J 070911 hw		
Location 1st Observed	3.4 NM south southeast of Monomoy Island, MA 41° 29.2' N, 69° 59.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E18-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	7/09/2011
Species	Finback
Individual ID	PCCS #1028
Location 1st Observed Entangled	18.2 NM southeast of Portsmouth, NH
Latitude/Longitude 1st Observed Entangled	42° 51.5'N 70° 23.2'W
Event Description	7/09/2011 • BOS aboard a WW vessel documented the entangled whale quickly swimming with fresh visibly bloody entanglement trauma. 8/05/2011 • BOS aboard a WW vessel documented the whale had shed the gear.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Tight line over dorsal surface of the tailstock. Unknown attachment points.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Fresh abrasive wounds with significant blood visible.
B. Subsequent Descriptions	Healing entanglement trauma on tailstock.
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	8/05/2011
Life History Information	Adult; unknown sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E18-11		
Field No.	J 070911	Date 1st Observed	7/9/11
Location 1st Observed	18.2 NM southeast of Portsmouth, NH 42° 51.5' N, 70° 23.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	PCCS #1028	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E19-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	7/10/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	6.1 NM east of Monomoy Island, MA
Latitude/Longitude 1st Observed Entangled	41° 32.18'N 69° 51.31'W
Event Description	USCG jet spotted one, possibly two animals, which appeared to have green netting over them. One whale was about half the size of the other and the larger animal was described as being very active. It is unclear based on the description which animal was entangled and how they were wrapped. USCG Station Chatham and PCCS responded by vessel along with IFAW aerial support and despite being on scene within 2.5 hours no entangled whales were found. Documentation from the jet was classified and unavailable for viewing.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Described as green netting around the animal(s) with some "spherical floats" trailing behind the whale.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E19-11		
Field No.	J 071011 hw	Date 1st Observed	7/10/11
Location 1st Observed	6.1 NM east of Monomoy Island, MA 41° 32.2' N, 69° 51.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E20-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	7/17/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	2.4 NM east of Nahant, MA
Latitude/Longitude 1st Observed Entangled	42° 24.7'N 70° 50.88'W
Event Description	A recreational boater sighted the entangled animal for only two surfacings before being lost. After they were unable to relocate the animal they reported the incident to the USCG who relayed the message to PCCS. Due to no one standing by and the mobility of the whale no response was mounted.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Green/blue line seen over the back.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E20-11	Date 1st Observed	7/17/11
Field No.	J 071711 mw		
Location 1st Observed	2.4 NM east of Nahant, MA 42° 24.7' N, 70° 50.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E21-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear free
Date 1st Observed Entangled	7/18/2011
Species	Humpback
Individual ID	"Reflection"
Location 1st Observed Entangled	1.9 NM north of North Truro, MA
Latitude/Longitude 1st Observed Entangled	42° 05.09'N 70° 04.82'W
Event Description	WW vessel documented the entangled whale. PCCS was on scene within one hour and found the animal had wraps around the right flipper and tailstock which then led to heavy gear that sank below. The whale was effectively anchored with the tail hanging well below the surface. PCCS managed to make a precise cut which allowed the remaining gear to be removed from the animal. PCCS then reattached the line leading to the heavy gear to the surface system as it was too heavy to be recovered.
Description of Gear on Whale as Reported	
A. During Initial Sighting	A surface system was wrapped twice around the right pectoral flipper which led to two wraps around the tailstock and then led to the heavy gear below.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	7/18/2011
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E21-11	Date 1st Observed	7/18/11
Field No.	J 071811 hw		
Location 1st Observed	1.9 NM north of Truro, MA 42° 5.1' N, 70° 4.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Reflection"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	7/15/11
	CCS		Date Lost	
	Fisherman	Owner interview	Location	MA State waters
	Other		Depth	
			Bottom Type	Cobble & boulder
Gear Type:	Trap/Pot		Target Species:	Lobster

Gear Description: Based on information learned through an interview with the owner, the gear was configured as a 20 pot lobster trawl, with 20 fathoms of sink line between traps. One end line at each end of the trawl. End lines are 1/3rd float, closest to bottom, and 2/3rds sink to surface. Lines diameters are mostly 3/8th" with some 7/16th" and a bit of 5/16th at the surface buoy system on some endlines. Each end line buoy system contains one tide buoy with one highflyer used as the pick up buoy, between tide and pick up high flyer is 5 fathom of 5/16th's sink line. Highflyer staffs are PVC or aluminum with one or two 9x18 inch buoys.

Comments:

Conclusions: The whale was entangled in the end line and surface system of lobster pot gear that was set in state waters.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E22-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	7/21/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	3.0 NM southeast Oregon Inlet, NC
Latitude/Longitude 1st Observed Entangled	35° 45.68'N 75° 27.99'W
Event Description	Charter vessel reported the entanglement to the USCG who relocated the animal for one quick sighting before it was lost. Cell phone video confirmed the species but did not offer any clues about the entanglement.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Described as netting over the back of the animal.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E22-11	Date 1st Observed	7/21/11
Field No.	J 072111 hw		
Location 1st Observed	3.0 NM southeast of Oregon Inlet, NC 35° 45.7' N, 75° 28.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E23-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	7/24/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	1.9 NM north northeast of North Truro, MA
Latitude/Longitude 1st Observed Entangled	42° 03.22'N 70° 01.25'W
Event Description	Recreational boaters reported the whale dragging a green buoy under the surface while submerging. PCCS responded but did not relocate the whale despite being on scene within one hour.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Green bullet buoy submerging as the animal dove.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E23-11	Date 1st Observed	7/24/11
Field No.	J 072411 mw		
Location 1st Observed	1.9 NM north northeast of North Truro, MA 42° 3.2' N, 70° 1.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E24-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	7/25/2011
Species	Humpback
Individual ID	"Ganesh"
Location 1st Observed Entangled	8.8 NM north of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 12.35'N 70° 12.11'W
Event Description	7/25/2011 • WW vessel reported the entanglement as they were heading back to port. PCCS responded and with the help of the WW fleet they managed to relocate the animal (mother with calf). Due to short surfacing times, difficulties with the calf and what appeared to be very little trailing gear, PCCS was unable to attach a control line for a disentanglement attempt. At the time it was still unclear if the entanglement was serious as documenting the case was difficult. 8/4/2011 • WW vessel reported the entanglement to PCCS who again responded. Due to less than ideal sea conditions and an evasive mother and calf, no attempt was possible. 8/12/2011 • PCCS relocated the mother and calf and confirmed the mother was gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Yellow buoy with green stripe and flag along her right flank. Attachment points were unknown although thought to be the right flipper or mouthline.
B. Subsequent Descriptions	8/4/2011 • Buoy was located in the same overall position although trailing slightly more than first sighting.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None

Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	8/12/2011
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E24-11	Date 1st Observed	7/25/11
Field No.	J 072511 hw		
Location 1st Observed	8.8 NM N of Race Point, Provincetown, MA 42° 12.4' N, 70° 12.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Ganesh"	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/16/12	Current Location of Gear	N.A.

NMFS No.	E25-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	7/30/2011
Species	Humpback
Individual ID	"Reflection"
Location 1st Observed Entangled	8.3 NM north of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 12.054'N 70° 13.942'W
Event Description	7/30/2011 • WCNE documented monofilament line trailing over the fluke. Unknown attachment point. 8/2/2011 • PCCS briefly sighted the animal but could not confirm if gear was still present. August 2011 • Numerous WW vessels confirmed that gear was no longer present.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line seen trailing over the fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	August 2011
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E25-11	Date 1st Observed	7/30/11
Field No.	J 073011 hw-1		
Location 1st Observed	8.3 NM N of Race Point, Provincetown, MA 42° 12.0' N, 70° 13.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Reflection"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Monofilament line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line.

Comments:

Conclusions:

The entanglement involves monofilament line.

Report By:	John F. Kenney	Date:	10/18/12	Current Location of Gear	N.A.

NMFS No.	E26-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	7/30/2011
Species	Humpback
Individual ID	2009 calf of “Rapier”
Location 1st Observed Entangled	8.0 NM north northeast of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 11.597’N 70° 12.636’W
Event Description	7/30/2011 • WW vessel documented the whale with monofilament line originating near the head, trailing along the left flank and beyond the flukes. August 2011 • Numerous WW vessels documented the animal with no gear.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line originating near the head, trailing along the left flank and beyond the flukes.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	August 2011
Life History Information	Juvenile; consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E26-11	Date 1st Observed	7/30/11
Field No.	J 073011 hw-2		
Location 1st Observed	8.0 NM NNE of Race Point, Provincetown, MA 42° 11.6' N, 70° 12.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	2009 calf of "Rapier"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Monofilament line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line.

Comments:

Conclusions:

The entanglement involves monofilament line.

Report By:	John F. Kenney	Date:	10/18/12	Current Location of Gear	N.A.

NMFS No.	E27-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	7/31/2011
Species	Humpback
Individual ID	2011 calf of “Canopy”
Location 1st Observed Entangled	6.4 NM north of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 10.141’N 70° 14.564’W
Event Description	7/31/2011 • WW vessel documented a minimal amount of monofilament line near the right flipper. 8/2/2011 • PCCS briefly viewed the animal although it was unclear if gear was still present. August 2011 • Numerous WW vessels documented that no gear was present.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line near the right flipper with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	August 2011
Life History Information	Calf; consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E27-11		
Field No.	J 073111 hw	Date 1st Observed	7/31/11
Location 1st Observed	6.4NM N of Race Point, Provincetown, MA 42° 10.1' N, 70° 14.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	2011 calf of "Canopy"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Monofilament line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line.

Comments:

Conclusions:

The entanglement involves monofilament line.

Report By:	John F. Kenney	Date:	10/18/12	Current Location of Gear	N.A.

NMFS No.	E28-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	8/02/2011
Species	Humpback
Individual ID	“Artillery”
Location 1st Observed Entangled	7.0 NM north northeast of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 10.38’N 70° 11.7’W
Event Description	8/02/2011 • WW vessel documented monofilament line over the fluke. Unknown attachment point. August 2011 • Numerous WW vessels documented that no gear was present.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line seen over the fluke during a dive.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	August 2011
Life History Information	Adult; consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E28-11		
Field No.	J 080211 hw	Date 1st Observed	8/2/11
Location 1st Observed	7.0 NM NNE of Race Point, Provincetown, MA 42° 10.4' N, 70° 11.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Artillery"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Monofilament line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line.

Comments:

Conclusions:

The entanglement involves monofilament line.

Report By:	John F. Kenney	Date:	10/18/12	Current Location of Gear	N.A.

NMFS No.	E29-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	8/14/2011
Species	Humpback
Individual ID	“Echo”
Location 1st Observed Entangled	6.8 NM northeast of Race Point, Provincetown, MA
Latitude/Longitude 1st Observed Entangled	42° 09.9’N 70° 10.7’W
Event Description	8/14/2011 • WW documented blue lure with monofilament line hooked into the skin just near the left pectoral flipper. 5/18/2012 • PCCS documented that no gear was present.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Blue lure with monofilament line.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	7/24/2011
Re-sightings Post-entanglement	5/18/2012
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E29-11		
Field No.	J 081411 hw	Date 1st Observed	8/14/11
Location 1st Observed	6.8 NM NE of Race Point, Provincetown, MA 42° 9.9' N, 70° 10.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Echo"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Hook & Line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line and possibly a lure.

Comments:

Conclusions:

The entanglement involves monofilament line and possibly a lure.

Report By:	John F. Kenney	Date:	10/18/12	Current Location of Gear	N.A.

NMFS No.	E30-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	9/15/2011
Species	Humpback
Individual ID	"Checkmark"
Location 1st Observed Entangled	9.0 NM northeast of Plymouth, MA
Latitude/Longitude 1st Observed Entangled	42° 04.99'N 70° 30.64'W
Event Description	9/15/2011 • WW vessel located and the entangled animal and stood by until PCCS arrived. Due to an evasive whale and difficult weather PCCS was not able to remove the gear from the animal. 4/1/2012 • PCCS documented that no gear was present.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Single loop of line partially embedded on the leading edge of the right fluke leading down to a substantial amount of weighted gear.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Trauma from embedded line on the leading edge of right fluke.
B. Subsequent Descriptions	Healed groove on the leading edge of the right fluke. Overall, externally the whale appeared in good condition.
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	4/1/2012
Life History Information	Yes – consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E30-11		
Field No.	J 091511 hw	Date 1st Observed	9/15/11
Location 1st Observed	9.0 NM north east of Plymouth, MA 42° 5.0' N, 70° 30.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Checkmark"	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E31-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	9/18/2011
Species	Right
Individual ID	#4090
Location 1st Observed Entangled	25.8 NM northeast of Gloucester, MA
Latitude/Longitude 1st Observed Entangled	42° 53.08'N 70° 15.02'W
Event Description	WW vessel documented the animal and relayed the sighting to USCG. During the observation the animal was very active (it was thought they might have witnessed the whale moments after the entanglement occurred) on the surface and it is possible the entanglement was shifting while being documented. Due to difficult environmental conditions PCCS was not able to mount a response.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Red gillnet with dark lines. Line and mesh involved the head, mouth, tailstock and fluke. Due to the thrashing of the animal or the gear shifting, it was unclear exactly how the whale was entangled.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	4/29/2011
Re-sightings Post-entanglement	None
Life History Information	Juvenile; unknown sex
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E31-11		
Field No.	J 091811 rw	Date 1st Observed	9/18/11
Location 1st Observed	25.8 NM northeast of Gloucester, MA 42° 53.1' N, 70° 15.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#4090	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Gillnet		Target Species:	Unknown

Gear Description:

Based on photographs the whale appears to be entangled in gillnet gear. A floatline with green floats can be seen as well as red or pink webbing.

Comments:

Conclusions:

Based on photographs the whale appears to be entangled in gillnet gear.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E32-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled (possibly gear free)
Date 1st Observed Entangled	9/27/2011
Species	Right
Individual ID	#3111
Location 1st Observed Entangled	8.9 NM east of Grand Manan Island, New Brunswick
Latitude/Longitude 1st Observed Entangled	44° 47.1'N 66° 32.1'W
Event Description	9/27/2011 • NEAq and CWR teams located the entangled whale which was in poor health, lethargic and had numerous fresh wounds from the entanglement. CWR managed to make contact with a disentanglement knife near the left flipper but it was unclear if anything was cut. 3/4/2012 • PCCS identified the animal in post-trip analysis. It was unclear if the whale was still entangled.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Numerous wraps around the left pectoral flipper leading to multiple lines trailing just beyond the flukes.
B. Subsequent Descriptions	None visible.
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	Entanglement trauma on the peduncle, body and head. Overall the animal appeared in poor condition and was lethargic.
B. Subsequent Descriptions	Healing entanglement trauma visible on the peduncle.

Sighting prior to entanglement	4/19/2011
Re-sightings Post-entanglement	None
Life History Information	Adult male
NMFS Serious Injury/Mortality Determination	Human-induced injury - prorate = 0.75

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E32-11		
Field No.	J 092711 rw	Date 1st Observed	9/27/11
Location 1st Observed	8.9 NM east of Grand Manan Island, NB 44° 47.1' N, 66° 32.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#3111	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

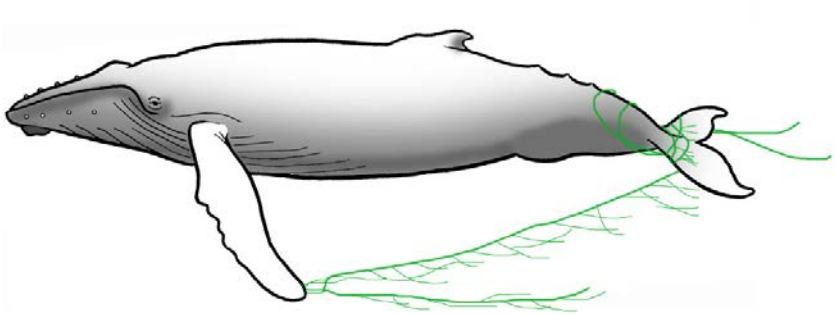
No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E33-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear free
Date 1st Observed Entangled	9/30/2011
Species	Humpback
Individual ID	“Hippocampus”
Location 1st Observed Entangled	5.8 NM east northeast of Chatham, MA
Latitude/Longitude 1st Observed Entangled	41° 42.0’N 69° 49.0’W
Event Description	Commercial fisherman located the swimming/drifting entangled whale in his gear and stood by until the PCCS response team arrived. The whale switched between very active surfacings during which the gear shifted frequently and quiet moments on the surface. Despite the poor sea conditions the PCCS managed to remove all the entangling gear from the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Gillnet float line and a significant portion of the panel was wrapped on the tailstock and fluke. As the whale was thrashing on the surface occasionally the monofilament mesh would become entangled on barnacles on the head and flippers.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	Fresh entanglement trauma on the tailstock and fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	9/30/2011

Life History Information	Adult; consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E33-11		
Field No.	J 093011 hw	Date 1st Observed	9/30/11
Location 1st Observed	5.8 NM east southeast of Chatham, MA 41° 42.0' N, 69° 49.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Hippocampus"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	9/28/11
	CCS		Date Lost	
	Fisherman		Location	Same general location
	Other	ASM Observer	Depth	
			Bottom Type	
Gear Type:	Sink Gillnet		Target Species:	Winter skate

Gear Description:

Based on information recorded by a NMFS At-Sea Monitoring program observer who was aboard the vessel the gear belonged to the entanglement occurred in a gillnet string comprised of 19 panels (300 feet each). Mesh size is 12 inch and the panels were tied down to 3 feet.

Comments:

The fisherman found the whale in his gear while he was hauling the string. PCCS was notified and responded while the fisherman stood by to assist.

Conclusions:

The whale was entangled in sink gillnet gear.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E34-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear free
Date 1st Observed Entangled	10/05/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	0.7 NM southeast of Pumpkin Island, ME
Latitude/Longitude 1st Observed Entangled	43° 44.68'N 69° 34.14'W
Event Description	WW vessel located the anchored whale and relayed the report to MMP. MMP responded and despite heavy seas managed to release the whale from the entangling gear. Once the last cut was made the whale disappeared and was not in the vicinity for at least 30 minutes, confirming the whale was released.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line through the mouth and over the rostrum. As the whale was struggling occasionally the line would wrap around the tailstock.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E34-11		
Field No.	J 100511 mw	Date 1st Observed	10/5/11
Location 1st Observed	0.7 NM southeast of Pumpkin Island, ME 43° 44.7' N, 69° 34.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		10/5/11	Gear Retrieved By	Maine Marine Patrol
Date Gear Received			Received From	Maine Marine Patrol
Sources:	USCG		Date Set	10/4/11
	CCS		Date Lost	
	Fisherman	Owner interview	Location	Same general location
	Other		Depth	100 feet
			Bottom Type	Gravel/mud
Gear Type:	Trap/pot		Target Species:	Lobster

Gear Description:

The recovered gear consists of a single 7” x 14” foam buoy on a plastic buoy stick and approximately 30 feet of end line which is 3/8 inch sink rope . The end line is attached to a 600 pound weak link eye fastened to the buoy stick. The original gear configuration was a single trap and end line. The bottom 1/3 of the end line is float rope and the top 2/3 is sink rope.

Comments:

Conclusions:

The whale was entangled in the end line of a single lobster trap.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	Returned to owner.

NMFS No.	E35-11
Initial Status	Dead
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date 1st Observed Entangled	10/06/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	6.9 NM north northwest of Matinicus Island, ME
Latitude/Longitude 1st Observed Entangled	43° 59.133'N 68° 56.27'W
Event Description	MMP discovered the relatively fresh carcass heavily wrapped in gear around the head and most likely tailstock/fluke (not visible due to orientation of carcass and gear).
Description of Gear on Whale as Reported	
A. During Initial Sighting	Wraps around the head and most likely tailstock/fluke
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E35-11		
Field No.	J 100611 mw	Date 1st Observed	10/6/11
Location 1st Observed	6.9 NM north northwest of Matinicus Island, ME 43° 59.1' N, 68° 56.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Maine Marine Patrol Officers	Depth	
			Bottom Type	
Gear Type:	Trap/pot		Target Species:	Lobster

Gear Description:

Lobster pot gear was observed by Maine Marine Patrol Officers.

Comments:

Conclusions:

Based on the observations of Maine Marine Patrol Officers, the entanglement occurred in lobster pot gear.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E36-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date 1st Observed Entangled	10/10/2011
Species	Humpback
Individual ID	"Clutter"
Location 1st Observed Entangled	5.3 NM northeast of Grand Manan, Island, NB
Latitude/Longitude 1st Observed Entangled	44° 51'N 66° 40'W
Event Description	10/10/2011 • WW vessels located the entangled whale and were unable to stand by while CWR responded. Despite searching for most of the day and the following day they were unable to relocate the entangled animal. 10/13/2011 • WW vessel noticed a sighting of the entangled whale in post-trip analysis. No response was undertaken.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Tight embedded wraps of line around the tailstock and left fluke. Some trailing line was visible but not the bitter end.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Line embedded in the tailstock and fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings Post-entanglement	None
Life History Information	Yes – consult PCCS
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E36-11		
Field No.	J 101011 hw	Date 1st Observed	10/10/11
Location 1st Observed	5.3 NM northeast of Grand Manan Island, NB 44° 51.0' N, 66° 40.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Clutter"	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other		Depth	
			Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:	

Gear Description:

No gear recovered.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E37-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date 1st Observed Entangled	11/08/2011
Species	Humpback
Individual ID	"Dyad"
Location 1st Observed Entangled	34.2 NM E of Nantucket Island, MA
Latitude/Longitude 1st Observed Entangled	41° 15.95'N 69° 18.17'W
Event Description	Entanglement noted during post-trip analysis. Monofilament line seen trailing over the right fluke with an unknown attachment point.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line trailing over the right fluke with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes – contact PCCS
Re-sightings Post-entanglement	2012
Life History Information	Yes – contact PCCS
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E37-11		
Field No.	J 110811 hw	Date 1st Observed	11/08/11
Location 1st Observed	34.2 NM E of Nantucket Island, MA 41° 15.95' N, 69° 18.17' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	"Dyad"	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	Photographs	Depth	
			Bottom Type	
Gear Type:	Hook & Line		Target Species:	Unknown

Gear Description:

Based on photographic documentation the whale appears to be carrying monofilament line.

Comments:

Conclusions:

The entanglement involves monofilament line.

Report By:	John F. Kenney	Date:	3/11/13	Current Location of Gear	N.A.

NMFS No.	E38-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled - gear free
Date 1st Observed Entangled	11/13/2011
Species	Humpback
Individual ID	Unknown
Location 1st Observed Entangled	10.3 NM east of Lubec, ME
Latitude/Longitude 1st Observed Entangled	44° 53'N 66° 44.5'W
Event Description	11/13/2011 • CWR, GMWSRS and DFO responded to a report of a heavily entangled whale but were unable to relocate the animal. 11/14/2011 • A commercial fisherman located the entangled whale and with assistance of GMWSRS aboard their boat managed to remove all the gear from the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	At least 12 wraps of the body and thought to be anchored.
B. Subsequent Descriptions	Multiple wraps of the body with some of the lines embedded.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	Some embedded lines along with numerous sites of entanglement trauma. The left pectoral flipper appeared to be damaged as the whale was awkwardly holding it close to its body.
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E38-11		
Field No.	J 111311 hw	Date 1st Observed	11/13/11
Location 1st Observed	10.3 NM east of Lubec, ME 44° 53.0' N, 66° 44.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	MARS	Depth	
			Bottom Type	
Gear Type:	Trap/Pot		Target Species:	Lobster

Gear Description:

Based on information from a MARS report: "A young humpback whale, approximately 25 feet long, was entangled in the ground line of a lobster trawl."

Comments:

Conclusions:

The whale was entangled in the ground line of a lobster trawl.

Report By:	John F. Kenney	Date:	12/6/12	Current Location of Gear	N.A.

NMFS No.	E39-11
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date 1st Observed Entangled	12/19/2011
Species	Minke
Individual ID	Unknown
Location 1st Observed Entangled	3.0 NM west of Seal Cove, Grand Manan Island, NB
Latitude/Longitude 1st Observed Entangled	44° 39.072'N 66° 54.504'W
Event Description	Commercial fisherman located the entangled whale. Along with GMWSRS they returned to the site hoping to disentangle the whale. By the time they arrived the whale was no longer present and the entangling gear was also not visible. The fisherman hauled the gear and found the carcass of the whale still wrapped in his gear. The carcass was cut free and sank.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Two to three wraps around the tailstock.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E39-11	Date 1st Observed	12/19/11
Field No.	J 121911 mw		
Location 1st Observed	3.0 NM west of Seal Cove, Grand Manan Island, NB 44° 39.1'N 66° 54.5'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman		Location	
	Other	MARS	Depth	
			Bottom Type	
Gear Type:	Trap/Pot		Target Species:	Lobster

Gear Description:

Based on information from a MARS report: A live minke whale was entangled in two end lines from two lobster trawls.

Comments:

Conclusions:

The whale was entangled in end lines of lobster trawl gear. The whale died before it could be disentangled.

Report By:	John F. Kenney	Date:	1/22/13	Current Location of Gear	N.A.