

Atlantic Large Whale Entanglement and Ship Strike Report 2004

updated 30 October 2006

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2004 Atlantic Large Whale Entanglement and Ship Strike Report

This report is designed to summarize all of the entanglement and ship strike reports for the Atlantic coast that are known to the National Marine Fisheries Service (NMFS) and only addresses animals with indications of involvement with fishing gear or interactions with vessel collisions that occurred in the calendar year of 2004. It should be noted that these data are representative of information known as of January 2005 and may change over the course of time as more information is gleaned regarding various entanglement and ship strike cases. The tables listed below are summaries of all of the data available for all large whale entanglements, ship strikes and mortalities that were reports made known to the NMFS. Table one also includes other data not explicitly represented in this report but is included as a reference for better understanding of the severity of the issues. Totals listed in this table of individual animals with previously reported entanglements are reported on in detail in annual entanglement reports for the year that the animal was originally observed as a new entanglement. Table one only refers to reports of live animals, unless otherwise noted. The preliminary mortality figures listed in Table one include all known large whale mortalities, both floating and stranded dead animals for all known causes of death, including entanglement, ship strike, unknown causes, etc.

Table 1: Summary of 2004 preliminary entanglement, ship strike and mortality for large whales.

2004 Preliminary Large Whale Entanglement, Ship Strike, and Mortality Summary ^{1,2} United States and Canadian Atlantic Waters				
	Individual Animals With Previously Unreported Entanglements	Individual Animals With Previously <u>Reported</u> Entanglements	Individual Animals With Indications of Ship Strike ³	Total Confirmed Mortalities ⁴
Right Whale	3	5	3	4
Humpback Whale	9	0	1	13
Fin Whale	3	0	3	9
Minke Whale	2	0	1	18
Sei Whale	0	0	1	1
Unknown	2	0	1	9
TOTAL	19	5	10	53

¹ This is preliminary data which is being released to the Atlantic Large Whale Take Reduction Team (ALWTRT) for purposes of providing the ALWTRT with an initial summary of 2004 large whale entanglement, ship strike and mortality information. It has not been formally disseminated by the National Marine Fisheries Service. It does not represent and should not be construed to represent any agency determination or policy.

² Unless otherwise noted, these figures are only referring to reports of live animals.

³ Includes ship strike-related injuries newly observed in calendar year 2004.

⁴ These preliminary mortality figures include all known large whale mortalities, both floating and stranded dead animals for all known causes of death, including entanglement, ship strike, unknown causes, etc.

The data represented in Tables two through four are break-outs of the data included in this report and are depicted in such a way as to quickly summarize the reports of individual animals with indications of fishing gear interactions and individuals that have indications of an interaction with a vessel.

Table 2: Summary of 2004 large whale entanglement reports for live entangled whales.

Indication of Entanglement* - Live Whales

	Yes	No	TOTAL
Right Whale	3	0	3
Humpback Whale	7	2	9
Fin Whale	3	0	3
Minke Whale	2	0	2
Unknown	1	1	2
TOTAL	16	3	19

Table 3: Summary of 2004 large whale entanglement reports for dead stranded or floating dead whales.

Indication of Entanglement*- Dead Whales

	Yes	No	TOTAL
Right Whale	0	0	0
Humpback Whale	2	0	2
Fin Whale	1	0	1
Minke Whale	6	0	6
Bryde's spp.	0	0	0
Unknown	0	0	0
TOTAL	9	0	9

* "Indication of Entanglement" is marked 'Yes' 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.
- Marks/wounds from gear were documented on a whale carcass, excluding healed scars.
- Gear was reported on a whale by an inexperienced observer who was interviewed by NMFS or PCCS staff and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

Table 4: Summary of 2004 large whale ship strike reports for live whales.

Indication of Ship Strike*

	Confirmed	Suspected	TOTAL
Right Whale	3	0	3
Humpback Whale	1	0	1
Fin Whale	1	2	3
Minke Whale	1	0	1
Sei Whale	0	1	1
Unknown	1	0	1
TOTAL	7	3	10

* “Indication of Ship Strike” is marked 'Confirmed' for cases where one or more of the following applies:

- A vessel reports a collision and visually confirms a whale either before or after the strike, or sights blood in the water following indication of collision.
- A vessel comes into port with a whale on its bow and necropsy or other analysis by a qualified individual indicates the strike was pre-mortem.
- An experienced observer reports witnessing a vessel strike a whale.
- A necropsy concludes that injuries consistent with ship strike were pre-mortem
- An experienced observer sights a live whale with previously unobserved wounds consistent with ship strike, or reviews photographs and indicates that the wounds present are previously unobserved wounds consistent with ship strike.
- An inexperienced observer reports witnessing a vessel strike a whale, and interview by NMFS or PCCS staff reveals the account was descriptive enough to eliminate doubt as to whether or not the whale was struck by a vessel.

“Indication of Ship Strike” is marked ‘Suspected’ for cases where one or more of the following applies:

- A vessel reports a strike, but either felt a shudder or other indication of collision without seeing whales nearby or saw an injured whale surface nearby with no indication that the vessel struck something.
- A vessel comes into port with a whale on its bow, but it cannot be confirmed that the strike was pre-mortem.
- A carcass bears indications of wounds consistent with ship strike, but it cannot be confirmed by necropsy that the wounds were pre-mortem.
- Any of the above scenarios is described/witnessed by an inexperienced observer, and the event cannot be confirmed via photograph or other means by an experienced individual.

NOTE:

- Some of the reports that follow are still under analysis. Data are represented as accurately as possible with information received as of January 2005.
- An indication of ship strike marked “confirmed” is not equivalent to a serious injury and mortality determination by the NMFS Northeast Fisheries Science Center.
- New England Aquarium provided sighting and life history information for right whales.
- Provincetown Center for Coastal Studies provided sighting and life history information for humpback whales.

Table 5: Key for acronyms used in this report

CCSN	Cape Cod Stranding Network
COA	College of the Atlantic
CWR	Campobello Whale Rescue
DFO	Department of Fisheries and Oceans (Canada)
ECE	East Coast Ecosystems (Canada)
EWS	Early Warning System
FRC	Fast response craft
FWC FWRI	Florida Fish and Wildlife Research Institute
GA DNR	Georgia Department of Natural Resources
GMWSS	Grand Manan Whale and Seabird Research Station
IFAW	International Fund for Animal Welfare - Research crew from vessel "Song of the Whale"
MA DMF	Massachusetts Division of Marine Fisheries
ME DMR	Maine Department of Marine Resources
MEP	Massachusetts Environmental Police
MMP	Maine Marine Patrol
MMSC	Marine Mammal Stranding Center
NAIB	National Aquarium in Baltimore
NEAq	New England Aquarium Right Whale Research Team
NMFS	National Marine Fisheries Service
NMFS DEII	NMFS Research Vessel Delaware II
NMFS PSB	NMFS Protected Species Branch, Northeast Fisheries Science Center
NMFS SAS	NMFS Sightings Advisory System, Protected Resources Div., Northeast Regional Office
NOAA	National Oceanic and Atmospheric Administration
PCCS	Provincetown Center for Coastal Studies (previously referred to as CCS)
PCCS/MA DMF	Provincetown Center for Coastal Studies and Massachusetts Division of Marine Fisheries
RI DEM	Rhode Island Department of Environmental Management
SAG	Surface active group
SBNMS	Stellwagen Bank National Marine Sanctuary
UNC - W	University of North Carolina, Wilmington
USCG	United States Coast Guard
VMSM	Virginia Marine Science Museum
WCNE	Whale Center of New England
WHOI	Woods Hole Oceanographic Institution
WW	Whale watch

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Entanglement Report Number	Species	Date of Report	Gear Present	Gear Collected	Dead/Alive	Type of Gear	Country of Origin
E01-04	Fin	2/12/2004	Yes	No	Alive	N/A	N/A
E02-04	Right	3/17/2004	Yes	Yes	Alive	Lobster Pot	US
E03-04	Minke	4/23/2004	Yes	Unk	Alive	Unk	Unk
E04-04	Minke	5/6/2004	No	No	Dead	N/A	N/A
E05-04	Minke	5/20/2004	No	No	Dead	N/A	N/A
E06-04	Minke	6/5/2004	Yes	Yes	Alive	Pending	Pending
E07-04	Minke	6/5/2004	No	No	Dead	N/A	N/A
E08-04	Unk	6/11/2004	Yes	No	Alive	N/A	N/A
E09-04	Minke	6/16/2004	No	No	Dead	N/A	N/A
E10-04	Fin	6/30/2004	Yes	No	Dead	N/A	N/A
E11-04	Unk	7/1/2004	Yes	No	Alive	N/A	N/A
E12-04	Humpback	7/6/2004	No	No	Dead	N/A	N/A
E13-04	Humpback	7/11/2004	Yes	No	Alive	N/A	N/A
E14-04	Humpback	7/16/2004	No	No	Alive	N/A	N/A
E15-04	Minke	7/19/2004	No	No	Dead	N/A	N/A
E16-04	Humpback	8/5/2004	Yes	No	Alive	N/A	N/A
E17-04	Fin	8/22/2004	Yes	No	Alive	N/A	N/A
E18-04	Humpback	8/22/2004	Yes	No	Alive	N/A	N/A
E19-04	Humpback	8/30/2004	Yes	No	Alive	N/A	N/A
E20-04	Right	9/6/2004	Yes	Yes	Alive	Unk	Unk
E21-04	Fin	9/11/2004	Yes	Yes	Alive	Gillnet Buoy Line	CA
E22-04	Humpback	9/12/2004	Yes	Unk	Alive	Unk	US
E23-04	Humpback	9/30/2004	Yes	No	Alive	N/A	N/A
E24-04	Humpback	10/3/2004	Yes	No	Dead	N/A	N/A
E25-04	Minke	10/5/2004	No	No	Dead	N/A	N/A
E26-04	Right	12/6/2004	Yes	Yes	Alive	Lobster Pot	CA
E27-04	Humpback	12/11/2004	Yes	Yes	Alive	Lobster Pot	CA
E28-04	Humpback	12/21/2004	Yes	Yes	Alive	Lobster Pot	US

Ship Strike Report Number	Species	Date of Report
<u>SS01-04</u>	Right	1/8/04
<u>SS02-04</u>	Right	2/7/04
<u>SS03-04</u>	Fin	2/25/04
<u>SS04-04</u>	Sei	5/21/04
<u>SS05-04</u>	Minke	6/1/04
<u>SS06-04</u>	Fin	6/13/04
<u>SS07-04</u>	Fin	9/26/04
<u>SS08-04</u>	Unk	11/17/04
<u>SS09-04</u>	Right	11/24/04
<u>SS10-04</u>	Humpback	12/19/04

2004 Entanglements

NMFS No.	E01-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains Entangled
Date 1st Observed Entangled	02/12/2004
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	5 miles south of Oregon Inlet, ½ mile off beach
Latitude/Longitude 1st OBSERVED ENTANGLED	35° 67.3'N 75° 45.5'W
Event Description	<p>02/12/04</p> <ul style="list-style-type: none"> • Researchers from VMSM reported sighting an entangled fin whale. • The whale appeared to be feeding in the area along with a group of approximately 20 animals.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Single "lobster" type buoy trailing approximately 15 feet behind the blowholes – no additional trailing gear observed. Two trailing line apparent with one possibly trailing behind the whale. One line appears to be exiting from the right side of the mouth and a tangle of lines at the blowholes with some appearing to coming out of the blowhole.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Animal reportedly appeared thin.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination	Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 01 - 04		
Field No.	J021204	Date 1 st Observed Entangled	2/12/04
Location 1 st Observed	1 nm off Pea Island, NC 35E 40.37' N, 75E 27.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	fin	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:	
<u>Gear Description:</u> No gear recovered.			
<u>Comments:</u> 			

Conclusions:

No gear recovered.

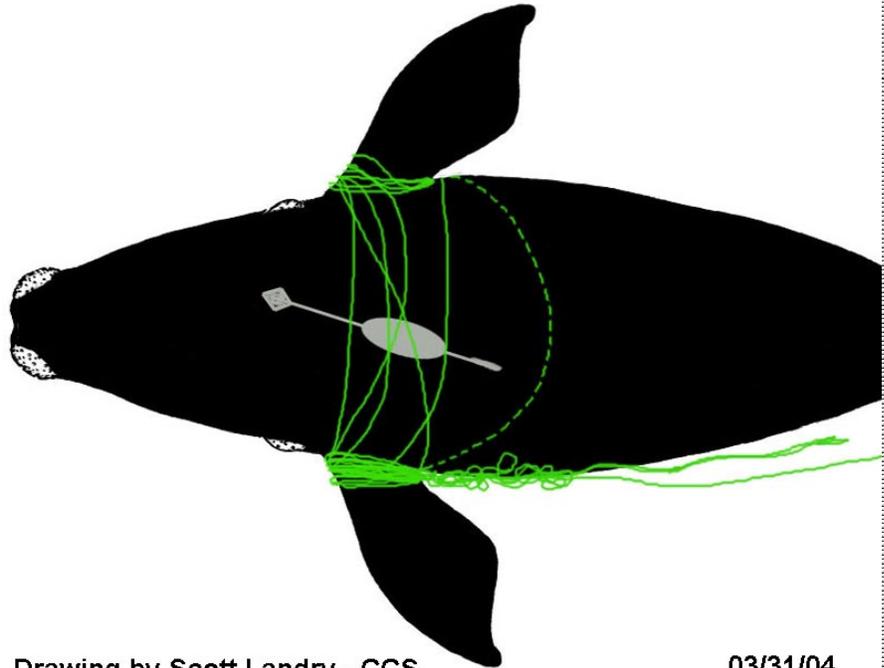
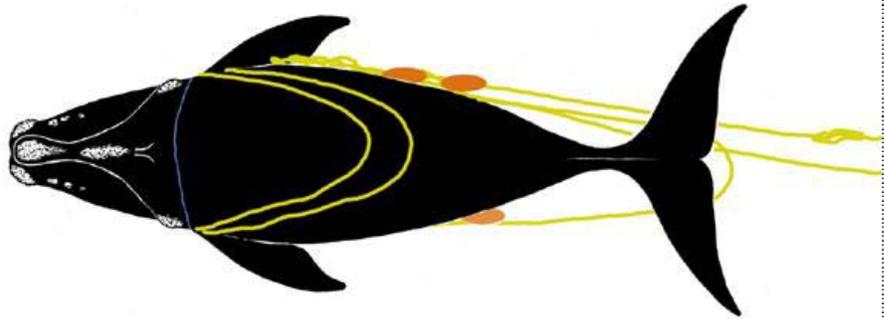
Report By:	John F. Kenney	Date:	10/8/05	Current Location of Gear	N.A.
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NMFS No.	E02-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains Entangled (non lethal)
Date 1st Observed Entangled	03/17/2004
Species	Right
Individual ID	3346, "Kingfisher"
Location 1st OBSERVED ENTANGLED	2 NM east of Anastasia Island, SE of St. Augustine, FL
Latitude/Longitude 1st OBSERVED ENTANGLED	29° 50.4'N 81° 13.4'W
Event Description	<p>03/17/04</p> <ul style="list-style-type: none"> • A private vessel reports an entangled whale to the U.S. Coast Guard. • Aerial survey teams for NOAA EWS, including NEAq and Wildlife Trust, photo documented the entanglement. • R/V <i>Jupiter</i> and an FWC FWRI support vessel responded to the scene. • Telemetry tag attached to the trailing lines behind the whale. <p>03/18/04</p> <ul style="list-style-type: none"> • NOAA EWS-Wildlife Trust survey team relocated the whale at approximately 45 NM ESE of St. Augustine. • NOAA, PCCS and FWC FWRI team staged but the whale's distance from shore and increasing wind prevented a response. • Poor satellite fixes from telemetry equipment. <p>03/19/04</p> <ul style="list-style-type: none"> • NOAA EWS-Wildlife Trust survey team relocated the whale at 30° 44.7'N / 79° 55.6'W. • NOAA, PCCS and FWC FWRI team responded out of Mayport, FL on U.S. Coast Guard 78' cutter <i>Kingfisher</i>. • Disentanglement team was able to keg the animal and successfully slowed it and kept it at the surface. • Disentanglement team successfully made several cuts to lines on or near both the right and left flippers as well one of the lines crossing over the body. • Team recovered a small amount of the entangling gear from the whale, including a section of plastic-coated wire mesh. <p>03/22/04</p> <ul style="list-style-type: none"> • Whale was identified by NEAq as the 2003 calf of RW #1946. • Whale dubbed Kingfisher in recognition of the U.S. Coast Guard cutter from response on 03/19/04.

	<ul style="list-style-type: none"> • Telemetry indicates the whale is estimated to be approximately 2NM from Charleston, SC. <p>03/24/04</p> <ul style="list-style-type: none"> • NOAA, PCCS, FWC FWRI and GA DNR team responded out of Georgetown, SC on U.S. Coast Guard 78' cutter <i>Yellowfin</i>. • NOAA EWS-Wildlife Trust survey team located and directed vessel to the whale 33° 42.2'N / 78° 11.6'W. • Disentanglement team assessed the whale and obtained a skin biopsy sample. • Choppy seas and poor conditions prevented any attempts at disentanglement. <p>03/26/04</p> <ul style="list-style-type: none"> • Telemetry and relocation by the NOAA EWS-Wildlife Trust survey team indicates the whale is estimated to be approximately five miles west of the southern tip of Cape Lookout, NC 34° 35.2'N / 76° 38.4'W. • Distance from staging area prevented any attempts at sedation and disentanglement. • Small PCCS response team left with U.S. Coast Guard out of Beaufort, NC and were able to assess but not attempt any disentanglement action. <p>04/02/04</p> <ul style="list-style-type: none"> • Telemetry buoy and approximately 30' of line was cut off accidentally by a fishing vessel off of Cape May, NJ 38° 25.9'N / 74° 20.7'W.
<p>Description of Gear on Whale AS REPORTED</p>	
<p>A. DURING INITIAL SIGHTING</p>	<p>Two body wraps and a buoy close to the animal on the right side were noted. Line described as 3/8" yellow polypropylene. A smaller diameter darker line observed tightly wrapped just aft of the blowholes.</p>
<p>B. SUBSEQUENT DESCRIPTIONS</p>	<p>01/11/05</p> <ul style="list-style-type: none"> • Right whale #3346 was observed by the NEAq survey team approximately 15 NM east of southern Cumberland Island, GA 30° 44.8'N / 81° 09.8'W. <p>01/12/05</p> <ul style="list-style-type: none"> • Right whale #3346 was observed by vessel by the Southeast Disentanglement Network First Response team approximately 15 NM east of southern Cumberland Island, GA. <p>05/04/05</p> <ul style="list-style-type: none"> • Right whale #3346 was observed by a NOAA aerial survey on the southern end of the Great South Channel Critical habitat area 41° 12.5'N / 69° 23.8'W. • Animal was observed feeding and was associated with two other right whales. <p>08/06/05</p> <ul style="list-style-type: none"> • Right whale #3346 was observed by the NEAq research team on the southeast corner of Grand Manan Island in the Bay of Fundy, NB 44° 33.4'N / 66° 33.1'W. • Animal reported to look in good health.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE



Drawing by Scott Landry - CCS

03/31/04

Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

None noted.

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

01/30/04

- 4 NM east of Cumberland Island, GA 30.79°N / 81.36667°W.

Re-sightings POST-ENTANGLEMENT

Month	Day	Year	Latitude	Longitude	Area
3	24	2004	33.69	78.25	NC
3	26	2004	34.59	76.64	NC
1	11	2005	30.73833	81.16167	GA
1	12	2005	30.735	81.16833	GA
1	12	2005	30.78	81.215	GA
8	6	2005	44.60777	66.45623	BOF
8	6	2005	44.5568	66.552	BOF
8	7	2005	44.58567	66.5101	BOF
8	24	2005	44.65878	66.4024	BOF

Life History Information

Juvenile Male, the whale was identified as #3346, the 2003 calf of right whale #1946. Estimated length of 34 feet based on aerial images and also thought to be a yearling whale.

NMFS Serious Injury/Mortality Determination

Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 02 - 04		
Field No.	J031704	Date 1 st Observed Entangled	3/17/04
Location 1 st Observed	2 nm E. Anastasia I., FL ~ 5nm SE St. Augustine 29E50.4' N, 81E13.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement 3/20/04
Species	right	Gear Recovered (y/n)	Yes
Individual ID	Eg # 3346, <i>Kingfisher</i>	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	3/20/04	Gear Retrieved By	PCCS et al
Date Gear Received	3/26/04 & 4/27/04	Received From	NMFS-SEFSC
Sources:	USCG	Date Set	unknown
	CCS	Date Lost	unknown
	Fisherman	owner	Location Maine State waters Southern Maine
	Other		Depth 15 fm
			Bottom Type
Gear Type:	Multiple types - only lobster identified	Target Species:	lobster possibly others

Gear Description:

Only a small portion of the entangling gear has been removed from the whale. It consists of a piece of 1-1/2" square wire mesh that measures approximately 15" x 23" and includes a plastic escape vent and a 16" length of aluminum wire that may have been a lobster head ring. Two rope types are present: 5/16" dia and 3/8" dia, both are sinking rope. A plastic soda type bottle had one of the ropes tied around it. Also present is a 32 " long manufactured plastic buoy stick with some red paint flaking off.

Comments:

Only a small portion of the entangling gear has been removed from the whale. A buoy that remains on the whale was traced to its owner. This individual was not sure if any of the recovered gear belonged to him but was sure that the plastic buoy stick was not his. The description of some of the gear remaining on the whale was is not consistent with this individual's gear. This fisherman lobsters with single traps in Maine state waters. This fisherman lost a significant amount of gear during the first three months of 2004 and attributed the loss to weather and being towed through by local scallop trawlers.

Conclusions:

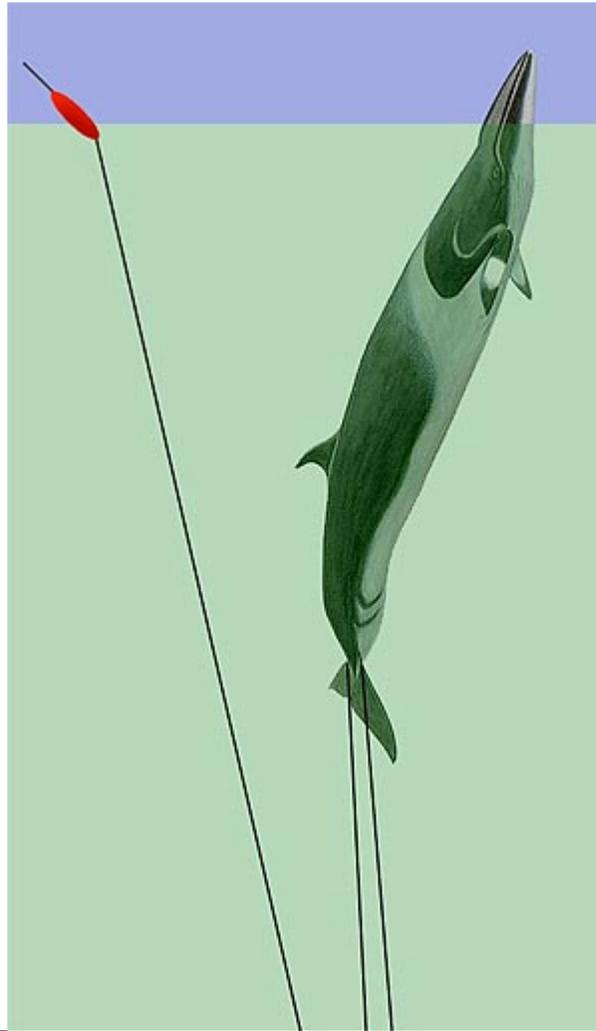
Some of the entangling gear was identified as belonging to a Maine lobsterman but a significant portion of the gear (most is still on the whale) remains unidentified and of unknown origin. While the general location that this gear was set is known, the actual location where the whale encountered this gear is unknown.

Report By:	John F. Kenney	Date:	10/8/05	Current Location of Gear	Allan Harbor Field Station NMFS
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NMFS No.	E03-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear Free
Date 1st Observed Entangled	04/23/2004
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Near Kettle Island, off Magnolia (Gloucester), MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 32.85'N 70° 44.37'W
Event Description	<p>04/23/04</p> <ul style="list-style-type: none"> • A fishing vessel reports an entangled whale. • Whale surfacing briefly to breathe. • MEP staff along with WCNE responded to stand-by until the PCCS disentanglement team was on-site. • PCCS disentanglement team responded with U. S. Coast Guard Station Gloucester. • The disentanglement team was able to haul on the entangling gear's available buoy line to pull the inflatable close enough to throw a grapple near the flukes of the whale to attempt to attach large floats to buoy the entanglement. • The whale immediately submerged, pulling all of the surface gear down with it, and blowing a fountain of bubbles. It stayed down seven to ten minutes after which the whale resurfaced carrying only the PCCS work buoys connected to the tether. • The whale was free-swimming at approximately 7-9 knots per hour and more drag was added. • Eventually, all of the entangling gear came free and the whale continued to swim off.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	<p>Gear described as a bullet-type buoy at surface near whale. Appeared to be entangled by the tail in fixed gear. The whale was struggling against the weight of the gear suspended from the tail and had assumed a vertical position to keep its blowholes clear of the water.</p>
B. SUBSEQUENT DESCRIPTIONS	

C. DIAGRAM OF ENTANGLING GEAR ON WHALE



Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

Animal had an apparent simple loop of line wrapped around the base of the flukes and had sustained two wounds, one at each insertion on the leading edges of the flukes.

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

A. Gear Type

Unknown – no gear recovered

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Unknown

Re-sightings **POST-ENTANGLEMENT**

Unknown – animal not resighted

Life History Information

Unknown sex, unknown length

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 03 - 04	Date 1 st Observed Entangled	4/23/04
Field No.	J042304		
Location 1 st Observed	Kettle I., off Magnolia, Gloucester, MA 42E32.85' N, 70E44.37' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
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:	
<u>Gear Description:</u>			
No gear recovered.			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			

Report By:	John F. Kenney	Date:	10/9/05	Current Location of Gear	N.A.
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NMFS No.	E04-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/06/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Quansoo, West of Great Tisbury Pond, Martha's Vineyard, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 20.74'N 70° 39.59'W
Event Description	<p>05/06/04</p> <ul style="list-style-type: none"> A moderately decomposed carcass was reported to the NEAq stranding response team. <p>05/07/04</p> <ul style="list-style-type: none"> A necropsy was performed by the the NEAq stranding network staff. Necropsy team documented line marks around head and line marks on the body leading to line marks in the peduncle region.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Line marks around head and line marks on the body leading to line marks in the peduncle region. Puncture between mandibles of lower jaw.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Adult female, 304 inches in length
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 04 - 04		
Field No.	J050604	Date 1 st Observed Entangled	5/6/04
Location 1 st Observed	W. of Great Tisbury Pond, Martha's Vineyard, MA 41E20.7' N, 70E39.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
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 present	Target Species:	
<u>Gear Description:</u>			
No gear present.			

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear present. No gear recovered.					
Report By:	John F. Kenney	Date:	10/8/05	Current Location of Gear	N.A.

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NMFS No.	E05-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/20/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 5 miles southeast of Cape Elizabeth, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 31.60'N 70° 06.46'W
Event Description	05/20/04 <ul style="list-style-type: none"> • A freshly decomposed carcass was reported to the ME DMR by one of their staff. • Observer reported that the carcass was floating belly-up and had line marks on it. No gear present. • No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Line marks on ventral surface of the animal.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	

Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Unknown sex, estimated to be 26ft in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 05 - 04	Date 1 st Observed Entangled	5/20/04
Field No.	J052004		
Location 1 st Observed	~ 5nm SE of Cape Elizabeth, Maine 43E31.6' N, 70E 6.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
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 present	Target Species:	
<u>Gear Description:</u> No gear present.			
<u>Comments:</u> 			

Conclusions:

No gear present.

Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.
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NMFS No.	E06-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	06/05/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Off Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 36.35'N 69° 30.20'W
Event Description	<p>06/05/04</p> <ul style="list-style-type: none"> • Crew of a scallop fishing vessel out of Chatham, MA reported to have a live, small whale entangled in their gear. • Crew of the fishing vessel was able to gaff the line and pull it free of the mouth and cut it. They were also able to cut both wraps of line on the flukes. • Crew of the fishing vessel observed the whale swim away, free of gear.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear involved was actively fished gear from scallop fishing vessel reporting the entanglement. Line passing through the mouth of the animal. Two wraps of line present around flukes.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Scallop fishing gear
B. GEAR PART/LINE TYPE	

Conclusions:

Pending

Report By:	John F. Kenney	Date:	11/14/05	Current Location of Gear	N.A.
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NMFS No.	E07-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	06/05/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 3-4 miles northeast of 'P' buoy outside of Portland, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 34.3'N 70° 10.9'W
Event Description	<p>06/05/04</p> <ul style="list-style-type: none"> • An advanced decomposition carcass was reported to the ME DMR. • Stranding network participants responded to document the carcass. • Observer reported that the carcass was floating left-side up and had a deep cut on the base of the tailstock that appeared to be from line pre-mortem. No gear present. • No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Deep cut at base of tailstock that appeared to be made by line pre-mortem.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR		
Sighting prior to entanglement		Unknown
Re-sightings POST-ENTANGLEMENT		None – mortality
Life History Information		Unknown sex, 809cm in length
NMFS Serious Injury/Mortality Determination		Non Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 07 - 04		
Field No.	J060504b	Date 1 st Observed Entangled	6/5/04
Location 1 st Observed	~ 3nm NE of 'P' buoy, Portland, Maine 43E 34.3' N, 70E 10.9' W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Carcass Stranding
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 present	Target Species:	
<u>Gear Description:</u>			
No gear present.			
<u>Comments:</u>			

Conclusions:

No gear present.

Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.
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NMFS No.	E08-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	06/11/04
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Back Bay, approximately 5 NM north of Head Harbor, New Brunswick
Latitude/Longitude 1st OBSERVED ENTANGLED	45° 02'N 66° 52'W (approximation)
Event Description	<p>06/11/04</p> <ul style="list-style-type: none"> • A fishing vessel reports an entangled whale to the Canadian Rescue Co-ordination Centre and the U.S. Disentanglement Network • Whale of unknown species with white bands on the flippers (or long white flippers). • No trained Canadian whale disentanglement responders available. • Reporting vessel reported to cut free the animal from the anchoring gear. Animal swam off with some trailing lines. • Update from DFO after the event thought the animal to be an entangled humpback whale.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to be anchored in reporting lobster fisherman's gear.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 08 - 04		
Field No.	J061104	Date 1 st Observed Entangled	6/11/04
Location 1 st Observed	Back Bay / White Bay, 5nm N of Head Hbr, Campobello 45E 02' N, 66E 52' W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Partial Disentanglement
Species	Unknown	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:	
<u>Gear Description:</u>			
No gear recovered			

NMFS No.	E09-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	06/16/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Mosquito Island, off Tenant's Harbor, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 55.011'N 69° 12.192'W
Event Description	<p>06/16/04</p> <ul style="list-style-type: none"> A moderately decomposed carcass was reported to the ME DMR Whale Hotline. <p>06/18/04</p> <ul style="list-style-type: none"> Stranding network participants responded to document the carcass. Indication of possible entanglement, originating from the right side of the mouth spanning ventral-laterally posterior of the left pectoral flipper. No gear present. No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Indentation, originating from the right side of the mouth spanning ventral-laterally posterior of the left pectoral flipper.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Unknown sex, 725cm in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 09 - 04		
Field No.	J061604	Date 1 st Observed Entangled	6/16/04
Location 1 st Observed	Misquito Island, off Tenant's Harbor, ME 43E 55.0' N, 69E 12.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
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 present	Target Species:	
<u>Gear Description:</u>			
No gear present.			

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear present.					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E10-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	06/30/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Between Munson and Powell Canyon and approximately 150 east of Sandy Hook, NJ
Latitude/Longitude 1st OBSERVED ENTANGLED	40° 29.7'N 67° 12.0'W
Event Description	06/30/04 <ul style="list-style-type: none"> • A moderately decomposed carcass was reported by marine mammal observers on a research cruise to NOAA PSB. • Bloated with a taut line around mid-section. • Series of light lacerations on the back and flanks of the animal. • Blue sharks actively feeding on the carcass. • No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Single, green, 5/8" sinking line wrapped under the visible flipper and throat grooves. Line appeared to be attached to gear deeper in the water column.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Unknown sex, 40ft in length (approximation)
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 10 - 04		
Field No.	J063004	Date 1 st Observed Entangled	6/30/04
Location 1 st Observed	150nm East of Sandy Hook, NJ 40E29.7' N, 67E12.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
Species	fin	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:	
<u>Gear Description:</u>			
No gear recovered.			
<u>Comments:</u>			

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/11/05	Current Location of Gear	N.A.
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NMFS No.	E11-04
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/01/04
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	34 NM west northwest of Cape Sable Island, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 34.8'N 66° 25.3'W
Event Description	07/01/04 <ul style="list-style-type: none"> • A fishing vessel reports an entangled whale to the Canadian Rescue Co-ordination Centre. • Canada DFO notified the U.S. Disentanglement Network. • Reporting fisherman was unable to stand-by the animal.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to be towing a "lobster trawl".
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown

Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 11 - 04	Date 1 st Observed Entangled	7/1/04
Field No.	J070104		
Location 1 st Observed	34 nm WNW Cape Sable Island, Nova Scotia 43E 34.8' N, 66E 25.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	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:	
<u>Gear Description:</u>			
No gear recovered.			
<u>Comments:</u>			

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.
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NMFS No.	E12-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	07/06/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 5 miles off Newport, RI
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 22.8'N 71° 18.6'W
Event Description	<p>07/06/04</p> <ul style="list-style-type: none"> Stranding Network received a report of a moderately decomposed carcass. <p>07/07/04</p> <ul style="list-style-type: none"> Beached at Baily's Beach on Ocean Drive, Newport, RI, 41° 27' 38.3"N / 71° 18' 77.6"W Examined by Stranding Network participants. Deep laceration on left pectoral flipper penetrating down to bone. Indications of a previous line entanglement around flipper with injury. No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Deep laceration on left pectoral flipper penetrating down to bone. Indications of a previous line entanglement around flipper with injury.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	

A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Adult male, 813cm in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 12 - 04		
Field No.	J070604	Date 1 st Observed Entangled	7/6/04
Location 1 st Observed	5 nm off Newport, RI 41E 22.8' N, 71E 18.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
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 present	Target Species:	
<u>Gear Description:</u>			
No gear present.			

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear present.					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E13-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/11/04
Species	Humpback
Individual ID	Lucky
Location 1st OBSERVED ENTANGLED	7.8 NM northwest of Brier Island, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 20.66'N 66° 30.65'W
Event Description	<p>07/11/04</p> <ul style="list-style-type: none"> A whale watch vessel reports an entangled whale to the Canadian Division of Fisheries and Oceans. <p>07/12/04</p> <ul style="list-style-type: none"> Canada DFO notified the U.S. Disentanglement Network. Animal reported to be free-swimming. A Canadian government aircraft searched the area of the reported location from 07/11/04 and was unable to locate the entangled animal. Described to have a wrap of gillnet forward of the dorsal fin. No trailing gear noted.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to have a wrap of gillnet forward of the dorsal fin. No trailing gear noted.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered

A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	07/10/03 <ul style="list-style-type: none"> Animal sighted gear free at 43.47833°N \ 066.73400°W
Re-sightings POST-ENTANGLEMENT	07/11/04 <ul style="list-style-type: none"> Animal sighted gear free at 44° 19.39'N \ 066° 34.53'W
Life History Information	Immature Male, approximately 2 years old at time of entanglement, animal identified as the 2002 calf of "Veteran", unknown length
NMFS Serious Injury/Mortality Determination	Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 13 - 04		
Field No.	J071104	Date 1 st Observed Entangled	7/11/04
Location 1 st Observed	8 nm NW of Brier Island, Nova Scotia, BOF 44E 20.7' N, 66E 30.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species		Gear Recovered (y/n)	No
Individual ID		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.

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E14-04
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/16/04
Species	Humpback (probable)
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Between red nun and green can # 3, Martha's Vineyard, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 17.42'N 70° 48.28'W (approximation)
Event Description	07/16/04 <ul style="list-style-type: none"> • A private motor vessel reports an entangled whale to the PCCS Whale Hotline. • Observer reports wound proximal to the caudal peduncle. Wound appeared white and red. • Animal reported to be free-swimming.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	No gear noted.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Observer reports wound proximal to the caudal peduncle. Wound appeared white and red.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF	

ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, animal estimated to be 30-40ft in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 14 - 04		
Field No.	J071604	Date 1 st Observed Entangled	7/16/04
Location 1 st Observed	~ 4nm SSW of Gay Head, Martha's Vineyard, MA 41E 17.4' N, 70E 48.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback (probable)	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:	
<u>Gear Description:</u>			
No gear recovered.			
<u>Comments:</u>			

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/28/05	Current Location of Gear	N.A.
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NMFS No.	E15-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	07/19/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately ½ mile south of Marconi Site, Eastham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 54.487'N 69° 58.071'W
Event Description	<p>07/19/04</p> <ul style="list-style-type: none"> • Stranding Network received a report of a moderately decomposed carcass. • Rolling in surf made it difficult for a thorough examination by Stranding Network participants. • Observed 2-3 line marks across ventral and lateral surface, caudal of the pectoral flippers. Indication of line abrasion at the anterior insertion of the dorsal fin and trailing caudally. Abraded wound into caudal peduncle, ventrally at base of flukes, approximately 3/4 inch into blubber. • No necropsy was performed. <p>07/21/04</p> <ul style="list-style-type: none"> • Resighted by a passing vessel, approximately 10 miles off Chatham, MA, 41° 47.252'N / 69° 51.276'W
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	<ul style="list-style-type: none"> • Two to three line marks across ventral and lateral surface, caudal of the pectoral flippers. Indication of line abrasion at the anterior insertion of the dorsal fin and trailing caudally. Abraded wound into caudal peduncle, ventrally at base of flukes, approximately 3/4 inch into blubber.

B. SUBSEQUENT DESCRIPTIONS NMFS GEAR ANALYSIS A. Gear Type B. GEAR PART/LINE TYPE C. LOCATION OF SET D. POTENTIAL POINT OF ENCOUNTER WITH GEAR Sighting prior to entanglement Re-sightings POST-ENTANGLEMENT Life History Information NMFS Serious Injury/Mortality Determination	
	Unknown – no gear recovered
	Unknown
	None – mortality
	Adult female, 791cm in length
Human-caused Mortality	

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 15 - 04		
Field No.	J071904	Date 1 st Observed Entangled	7/9/04
Location 1 st Observed	~ ½ nm S of Marconi Site, Eastham, CC, MA 41E 54.5' N, 69E 58.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
Species	minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

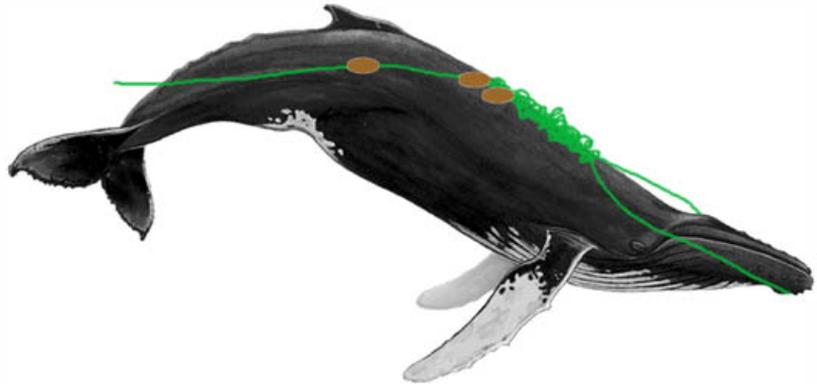
GEAR DESCRIPTION / ANALYSIS

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 present	Target Species:	
<u>Gear Description:</u>			
No gear present.			

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear present.					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E16-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	08/05/04
Species	Humpback
Individual ID	Calf of "Haze"
Location 1st OBSERVED ENTANGLED	Grand Manan Basin, New Brunswick
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 27.7'N 66° 36.3'W (approximation)
Event Description	<p>08/05/04</p> <ul style="list-style-type: none"> • Researchers with NEAq report an entangled whale to the GMWSS. • GMWSS relayed the report to the CWR. • Animal reported to be free-swimming. Gear appeared to be one line looped under the animal's chin that is holding the mass of gillnet onto the animal. Line appeared to be the float line from a gillnet. The tangle of gillnet is loose on the whale's body and shifts around from the left shoulder to the right shoulder and backwards onto the back of the animal. Gear is not readily visible. • CWR team attempted to grapple onto and cut free entangling gear but was unsuccessful. <p>08/23/04</p> <ul style="list-style-type: none"> • Report from Canada DFO of the animal being observed gear free.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear appeared to be one line looped under the animal's chin that is holding the mass of gillnet onto the animal. Line appeared to be the float line from a gillnet. The tangle of gillnet is loose on the whale's body and shifts around from the left shoulder to the right shoulder and backwards onto the back of the animal. Gear is not readily visible.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



Drawing by Scott Landry © 2004 Center for Coastal Studies

Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	.
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	07/11/04 <ul style="list-style-type: none"> Animal sighted gear free at 44° 22.53'N \ 066° 45.66'W
Re-sightings POST-ENTANGLEMENT	08/22/04 <ul style="list-style-type: none"> Animal sighted gear free at 44° 18.10'N \ 066° 28.97'W 08/23/04 <ul style="list-style-type: none"> Animal observed by Canada DFO on survey gear free
Life History Information	Unknown sex, animal estimated to be 25ft in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 16 - 04		
Field No.	J080504	Date 1 st Observed Entangled	8/5/04
Location 1 st Observed	Grand Manan Basin, New Brunswick, BOF 44E 27.7' N, 66E 36.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown - calf of Haze	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:		
<u>Gear Description:</u> <div style="text-align: center;">No gear recovered.</div>					
<u>Comments:</u> 					
<u>Conclusions:</u> <div style="text-align: center;">No gear recovered.</div>					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E17-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/22/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	14 NM east of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 05'N 69° 56'W (approximation)
Event Description	<p>08/22/04</p> <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the PCCS Whale Hotline and agrees to standby until PCCS rescue team arrives. • Animal reported to be free-swimming. • Wrap of line around body. Red buoy visible behind blowhole. No trailing gear reported. • Numerous attempts by the PCCS rescue team at approaching and grappling the trailing line were unsuccessful.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Single 3/8" line exiting the right side of the mouth, wraps over the head near blowholes. Line enters the water near the left flipper and may involve the left flipper. Line ends at a red buoy trailing near the dorsal fin.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	 <p>August 22, 2004 Scott Landry © Center for Coastal Studies 2004</p>

Description of Wounds/ CONDITION	
	Some minor scuffing associated with the gear. Animal appeared light in color with patchy skin. Animal appeared slightly emaciated.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, animal estimated to be 40-45ft in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 17 - 04		
Field No.	J082204a	Date 1 st Observed Entangled	8/22/04
Location 1 st Observed	14 nm East of Race Pt, CC, MA 42E 5.0' N, 69E 56.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	fin	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:	

<u>Gear Description:</u> No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u> No gear recovered.					
Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.

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NMFS No.	E18-4
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free (Probable)
Date 1st Observed Entangled	08/22/04
Species	Humpback
Individual ID	Calf of "Horizon"
Location 1st OBSERVED ENTANGLED	Bay of Fundy, New Brunswick
Latitude/Longitude 1st OBSERVED ENTANGLED	None given
Event Description	08/22/04 <ul style="list-style-type: none"> • Report of an entangled whale to the PCCS Disentanglement Network. • Whale reported to have shed gear during observation.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Unknown
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	08/09/04

Re-sightings POST-ENTANGLEMENT Life History Information NMFS Serious Injury/Mortality Determination	<ul style="list-style-type: none"> Animal sighted gear free at 44° 20.93'N \ 066° 20.10'W 08/26/04 <ul style="list-style-type: none"> Animal sighted gear free at 44° 17.62'N \ 066° 27.99'W Unknown sex, unknown length Non Human-caused Serious Injury
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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 18 - 04		
Field No.	J082204b	Date 1 st Observed Entangled	8/22/04
Location 1 st Observed	New Brunswick, BOF General Area	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown - Calf of Horizon	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

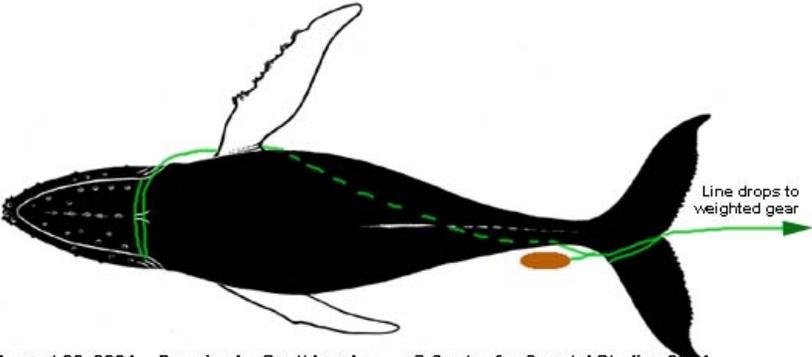
Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u>			
No gear recovered.			
<u>Comments:</u>			

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/22/05	Current Location of Gear	N.A.
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NMFS No.	E19-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	08/30/04
Species	Humpback
Individual ID	Rapier
Location 1st OBSERVED ENTANGLED	1.5 NM east of South Wellfleet, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 55.61'N 69° 56.27'W (approximation)
Event Description	<p>08/30/04</p> <ul style="list-style-type: none"> • A fisherman reports an entangled whale to the PCCS Whale Hotline and agrees to standby as long as possible. • Unknown whether the animal is free-swimming or anchored. • Fisherman standing by relieved by whale watch vessels. • Gear appeared to be two wraps of line through the mouth that then led back and wrapped the tail. • PCCS team successfully disentangled the animal.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear appeared to be two wraps of line through the mouth and over the head that then led back and wrapped the tail with two buoys visible.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	 <p>Line drops to weighted gear</p> <p>August 30, 2004 Drawing by Scott Landry © Center for Coastal Studies 2004</p>



Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

.

NMFS GEAR ANALYSIS

Some gear recovered

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

08/29/04

- Animal sighted gear free at 41.90183°N \ 069.92800°W

Re-sightings **POST-ENTANGLEMENT**

06/16/05

- Animal sighted gear free at 42° 13.38'N \ 070° 21.73'W

Life History Information

Mature Female, unknown length

NMFS Serious Injury/Mortality Determination

Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 19 - 04		
Field No.	J083004	Date 1 st Observed Entangled	8/30/04
Location 1 st Observed	1.5 nm E of South Wellfleet, CC, MA 41E 55.6' N, 69E 56.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Rapier	Gear Analysis Conducted (y/n)	Yes

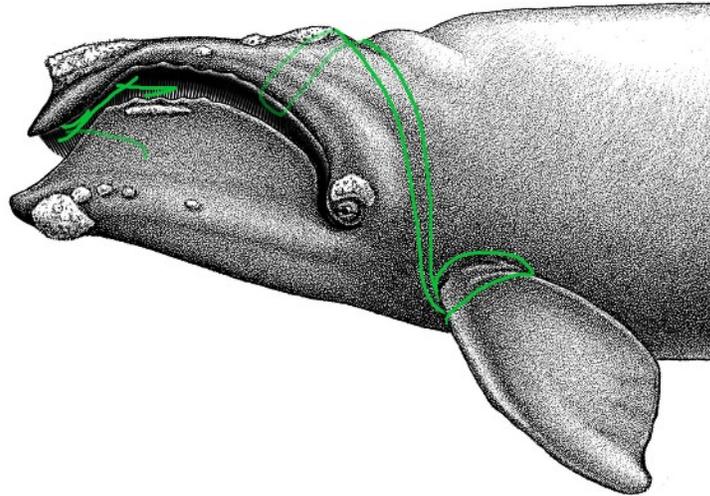
GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		8/30/04		Gear Retrieved By		PCCS		
Date Gear Received		9/16/04		Received From		PCCS		
Sources:	USCG				Date Set		Unknown	
	CCS				Date Lost		Unknown	
	Fisherman		owner interview		Location		Back side of Cape Cod, MA	
	Other				Depth			
					Bottom Type			
Gear Type:		Lobster Pot		Target Species:		Lobster		
<p><u>Gear Description:</u></p> <p style="text-align: center;">One 6" X 14" foam buoy with "Plant" plastic spindle having eye bolt hole threaded with 3/8" sink line using 3 hog rings as weak link attachment method. 8 fathom of 3/8" sink line (white with blue tracer) running from buoy spliced into 3 fathom 3/8" float rope (black).</p>								
<p><u>Comments:</u></p> <p style="text-align: center;">This gear was rigged as a single trap. Buoy line is rigged using one third float rope at bottom tied to 2/3rds sink at surface. Buoy weak link consisted of 3 hog rings.</p>								
<p><u>Conclusions:</u></p> <p style="text-align: center;">Entanglement occurred in the endline from a single lobster pot.</p>								
Report By:		John F. Kenney		Date:		11/9/05		
				Current Location of Gear		NMFS, Maine		

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NMFS No.	E20-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	09/06/04
Species	Right
Individual ID	2301
Location 1st OBSERVED ENTANGLED	Northern edge of Browns Bank, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 45'N 65° 35'W (approximation)
Event Description	<p>09/06/04</p> <ul style="list-style-type: none"> • Researchers with NEAq report an entangled whale to the PCCS Disentanglement Network. <p>09/22/04</p> <ul style="list-style-type: none"> • Disentanglement team from NEAq, CWR and CCS located the entangled whale on Browns Bank. • Due to adverse sea conditions, numerous attempts to get close enough to cut the two entangling wraps on the head were unsuccessful. <p>12/08/04</p> <ul style="list-style-type: none"> • Animal observed approximately two miles off the beach at Nag's Head, North Carolina. <p>03/03/05</p> <ul style="list-style-type: none"> • Animal discovered dead on Ship Shoal Island, Virginia.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Two lines exiting the right lip and crossing over the head to the left flipper.
B. SUBSEQUENT DESCRIPTIONS	<p>09/22/04</p> <ul style="list-style-type: none"> • Left flipper condition appears to have deeply embedded lines, but lines are not visible. • Green trailing line observed underneath and extending towards the flukes. Origination of line unknown.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE



Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

09/22/04

- Left flipper appears to be completely white in color, possibly indicating severe constriction and associated necrosis of the tissue.
- White coloration extends beyond left flipper to include a portion of the left side of the animal.

NMFS GEAR ANALYSIS

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Some gear recovered at necropsy

Sighting prior to entanglement

- Numerous sightings over many years prior to right whale #2301 being observed entangled. Only the most recent sightings are given.

Month	Day	Year	Latitude	Longitude	Area
8	21	2003	44.705	66.49	BOF
8	26	2003	44.60667	66.48667	BOF
9	7	2003	44.61167	66.46	BOF
9	7	2003	44.635	66.475	BOF
9	17	2003	44.58667	66.33	BOF
9	18	2003	44.35	66.41167	BOF

Re-sightings POST-ENTANGLEMENT

Animal found deceased with gear still present on 03/03/05 on Ship Shoal Island, VA

Life History Information

Adult reproductive Female, 12 years old, animal estimated to be 45ft in length.

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 20 - 04	Date 1 st Observed Entangled	9/6/04
Field No.	J090604		
Location 1 st Observed	Northern edge of Brown's Bank, GOM 42E 45' N, 65E 35' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation 3/3/05 found Dead
Species	right	Gear Recovered (y/n)	Yes
Individual ID	Eg # 2301	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	3/5/05	Gear Retrieved By	VMSM, WHOI
Date Gear Received	3/18/05	Received From	VMSM
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	

Gear Description:

Five lengths of rope were removed from the whales baleen. One of the lengths consisted of 2 separate pieces tangled with each other. Diameters were 3/8" and 7/16" and both floating and sinking types were present.

Comments:

This rope was removed from the left baleen rack. While previous entanglement sightings documented rope exiting the right side of the mouth and wrapping across the blowhole area and down to the left flipper, this rope was not present when the whale was found stranded.

Conclusions:

Rope of unknown origin.

Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	Allen Harbor Field Station NMFS
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NMFS No.	E21-4
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/11/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	14.5 NM southeast of Swallowtail Head, Grand Manan Island, New Brunswick
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 44'N 66° 24'W (approximation)
Event Description	<p>09/11/04</p> <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the GMWSS, which forwarded the report to the CWR • The whale watch vessel agrees to standby until the CWR rescue team arrives. • CWR rescue team cut the anchor line on the left side of the animal and was able to grapple onto the line with the balloon float on the right side of the animal and successfully pull the line through the baleen, freeing the animal.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported as a single line, estimated to be 100 fathoms long passing through the mouth of the animal. Appeared to be the entire buoy line system, from anchor to buoy. Orange balloon buoy with a large amount of blue line present and visible when whale slowed.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	As reported by the fisherman the gear was set 2.75 miles west of Southern Wolf Island and marked the northeast end of a set gill net. Animal entangled in the running line, a 25-20 fathom line from the anchor to the lead line of the gill net.
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, animal estimated to be 45-50ft in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 21 - 04		
Field No.	J091104	Date 1 st Observed Entangled	9/11/04
Location 1 st Observed	14nm SE Swallowtail Head, Grand Manan, NB 44E 44' N, 66E 24' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	fin	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	by CWR

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	CWR
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	2.75 nm W. Southern Wolf I
	Other	CWR	Depth
			Bottom Type
Gear Type:	sink gillnet	Target Species:	
<u>Gear Description:</u>			
Approximately 100 fathoms of buoy line and orange balloon buoy.			

Comments: From a narrative account of the event prepared by Mac Greene of the Campobello Whale Rescue Team:

In talking with the fisherman who owned the buoy line, it was set 2 3/4 miles W of Southern Wolf Island, marking the NE end of a gill net. All he lost was the buoy line, high flyer, balloon and anchor. It seems the running line parted, letting the whale swim free. The running line is a 25-30 fathom line from the anchor to the lead line of the gill net. Everything else was retrieved by the fisherman where he set it.

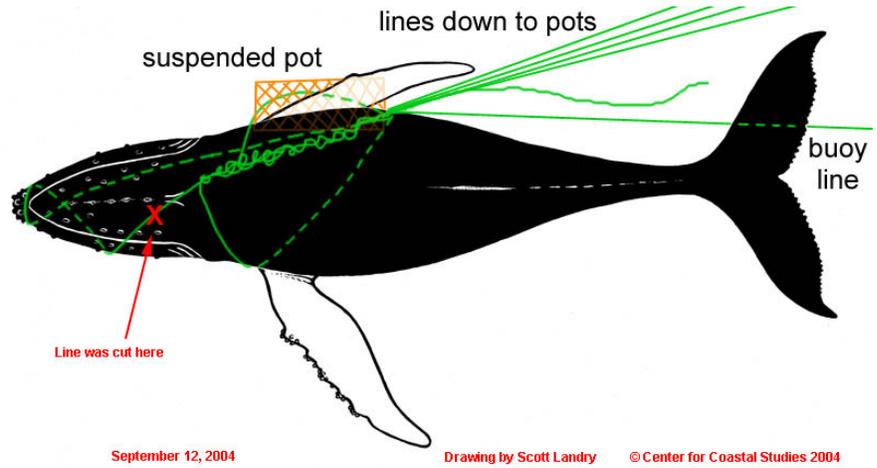
Conclusions:

Whale was entangled in a gillnet buoy line.

Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	N.A.
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NMFS No.	E22-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled (non-lethal)
Date 1st Observed Entangled	09/12/04
Species	Humpback
Individual ID	Andreas
Location 1st OBSERVED ENTANGLED	38 NM east northeast of Nantucket Island, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 28'N 69° 09'W (approximation)
Event Description	<p>09/12/04</p> <ul style="list-style-type: none"> • A tuna spotting pilot reports an entangled whale to the PCCS Whale Hotline. • Fishing vessel and aircraft agree to standby until the R/V <i>Shearwater</i> arrives on scene. • PCCS team successfully removed the majority of gear from the animal, including all weighted gear and all line from the whale's head. A simple loop of line was left on the whale's tail that was considered to be a lethal entanglement.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear appeared to consist of multiple traps and a large amount of tangled line. The entanglement appeared to be involved with the head, flipper and the tail and is a very complex entanglement.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



Description of Wounds/**CONDITION**

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

Some gear recovered

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

08/28/04

- Animal sighted gear free at 42.03900°N \ 070.00317°W

Re-sightings **POST-ENTANGLEMENT**

07/21/05

- Animal sighted at 41° 37.83'N \ 069° 41.69'W

Life History Information

Male, unknown length

NMFS Serious Injury/Mortality Determination

Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 22 - 04		
Field No.	J091204	Date 1 st Observed Entangled	9/12/04
Location 1 st Observed	38 nm ENE Nantucket Island, MA 41E 28' N, 69 E 09' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes

Individual ID	Andreas	Gear Analysis Conducted (y/n)	Yes
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GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	9/12/04	Gear Retrieved By	PCCS	
Date Gear Received	9/16/04	Received From	PCCS	
Sources:	USCG		Date Set	~ 9/8/04
	CCS		Date Lost	
	Fisherman	owner interview	Location	~ 5nm E. of Chatham, MA
	Other		Depth	75 feet
			Bottom Type	Sand / Gravel
Gear Type:	Lobster, 15 pot trawl		Target Species:	Lobster
<u>Gear Description:</u>				
<p>Buoy system consist of a single 6"x8" acorn buoy with plastic Plante spindle leading to a mini high flier made up of two 6"x8"acorn foam buoys slid over a 5 ft section of 3/4in PVC pipe equipped with a black plastic mesh flag. There is a 8 foot length of float rope between single buoy and the high flier that serves as a pick up buoy and a 4ft length of float line trailing from the single buoy that ends in a tied eye or loop. All line is 3/8ths inch.</p>				
<u>Comments:</u>				
<p>The gear was rigged as a 15 pot trawl using float rope ground lines. The owner marks each end of the trawl with an end line made up of 1/3 float rope at bottom and 2/3rds sink line in the upper portion of the water column. The gear was set in 75 feet of water on sandy/gravel bottom in federal waters.</p>				
<u>Conclusions:</u>				
<p>Entanglement occurred in the endline of lobster gear fished in federal waters.</p>				
Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear
				NMFS, Maine

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NMFS No.	E23-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	09/30/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	20 NM east of Portsmouth, NH
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 03'N 70° 14'W (approximation)
Event Description	09/30/04 <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the MMP, which in turn relays the sightings information to the PCCS Whale Hotline. • Whale believed to be free-swimming. • Due to the lateness of the call and the distance of the closest first responder, no response was possible.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Wrap of line on head and flukes, reported to be cutting into the animal. No tailing gear or buoys observed.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Lines present on head and flukes of the animal reported to cutting into the animal.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	No gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 23 - 04		
Field No.	J093004	Date 1 st Observed Entangled	9/30/04
Location 1 st Observed	20nm East of Portsmouth, NH 43E 03' N, 70E 14' 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:	
<u>Gear Description:</u>			
No gear recovered.			

<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	N.A.

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NMFS No.	E24-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	10/03/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Closed area II in EEZ, approximately 115 east southeast of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 18'N 67° 16'W
Event Description	10/03/04 <ul style="list-style-type: none"> • USCG Falcon jet observed a dead large whale while on patrol. • Gear observed around tail with a radar reflector and buoy present. • No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear observed entangled around the tail was a high-flyer, radar reflector and an orange buoy.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	

Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 24 - 04		
Field No.	J100304	Date 1 st Observed Entangled	10/3/04
Location 1 st Observed	~ 123nm East of Nantucket, MA 41E 18' N, 67E 16' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass Stranding
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:	10/25/05	Current Location of Gear	N.A.
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NMFS No.	E25-04
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	10/05/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 1 NM south of Seguin Island, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 41.1'N 69° 46.2'W (approximation)
Event Description	<p>10/05/04</p> <ul style="list-style-type: none"> • MMP observed a dead whale and contacted stranding network and NOAA. • Line marks observed around caudal peduncle and flukes. • No gear observed. • No necropsy was performed.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Trauma thought to be from interactions with lines was observed on caudal peduncle and flukes.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF	

ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Adult male, 228cm in length
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 25 - 04		
Field No.	J100504	Date 1 st Observed Entangled	10/5/04
Location 1 st Observed	1 nm South of Seguin Island, ME 43E 41.1' N, 69E46.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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:	
<u>Gear Description:</u> No gear recovered.			
<u>Comments:</u> 			

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	N.A.
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NMFS No.	E26-04
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	12/06/04
Species	Right
Individual ID	3314, "Yellowfin"
Location 1st OBSERVED ENTANGLED	4 NM southeast of Diamond Shoals, NC
Latitude/Longitude 1st OBSERVED ENTANGLED	35° 05.28'N 75° 15.2'W (approximation)
Event Description	<p>12/06/04</p> <ul style="list-style-type: none"> • A fisherman reports an entangled whale to the USCG. • USCG responds and locates the entangled whale just before dark. • Species thought to be a right whale but unconfirmed. <p>12/07/04</p> <ul style="list-style-type: none"> • USCG launches an aerial search with a local first responder for the entangled whale. • Search focused near shore (within 10NM) from Diamond Shoals, NC and Cape Lookout, NC. • Sighting conditions were poor and the animal was not relocated. <p>12/08/04</p> <ul style="list-style-type: none"> • USCG launches an aerial search with a local first responder for the entangled whale, but is unable to relocate the animal. • Search by USCG focused from Cape Lookout, NC to Cape Fear, NC, out to 12NM from shore. • Aerial survey team from Wildlife Trust conducted a directed aerial survey focusing on Charleston, SC and north to the USCG search area. • Sightings conditions were excellent, but the animal was not relocated. <p>12/09/04</p> <ul style="list-style-type: none"> • Possible report from a fisherman of a previous sighting of the entangled animal on 12/05/04 off Virginia.

12/10/04

- Possible report of the entangled animal off the North Carolina coast. Report was unverified.

12/21/04

- An aerial survey team from Wildlife Trust aboard the NOAA Twin Otter spotted the entangled animal at 31° 32.21'N \ 080° 59.80'W, approximately 9 NM northeast of Sapelo Island, GA.
- Whale reported to be swimming in a southwest direction.
- Disentanglement response team from GA DNR, FWC FWRI and NOAA responded and deployed a satellite telemetry tag onto the trailing gear.
- The amount of trailing gear was also shortened.

12/23/04

- Satellite telemetry indicates that the entangled animal is approximately 12 NM east of Fernandina Beach, FL.
- Weather outlook is unfavorable for any type of response in the next few days.

12/25/04

- Satellite telemetry indicates that the entangled animal is approximately 15 NM east of the mouth of the St. Johns River in Jacksonville, FL.
- Weather outlook is unfavorable for any aerial or marine operations.

12/26/04

- Satellite telemetry indicates that the entangled animal is now traveling northeast at approximately 3 knots and is 41 NM east of St. Simons Island, GA.
- Satellite telemetry is unusually poor with only an average of 30 percent surface time providing satellite fixes of poor resolution.
- Weather outlook is poor with seas approximately 10-12 ft in height and winds between 30-40 knots.

12/27/04

- Satellite telemetry indicates that the entangled animal is traveling north between 2 and 3 knots and is approximately 23 NM southeast of Charleston, SC.

12/28/04

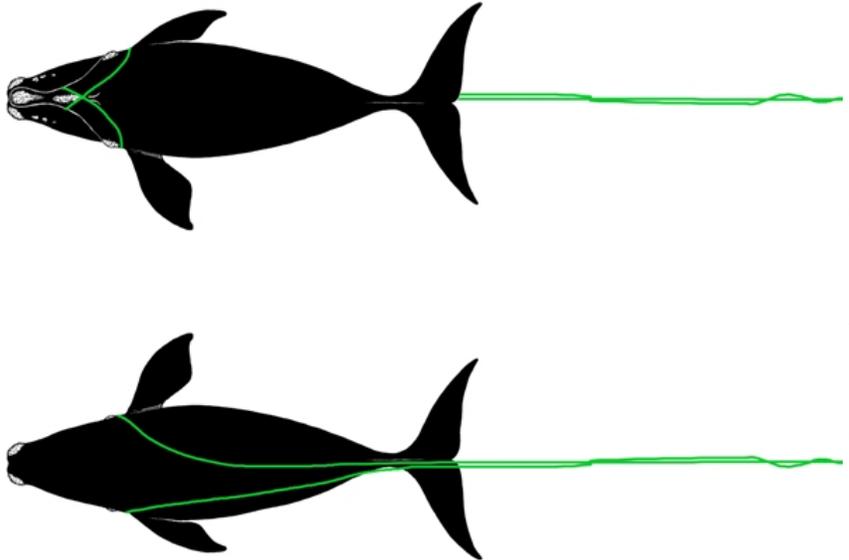
- Satellite telemetry indicates that the entangled animal is traveling northeast averaging 2 knots and is approximately 11 NM southeast of Charleston, SC.

12/29/04

- Disentanglement team from PCCS, GA DNR, FWC FWRI, UNC-W and NOAA are staging out of Wilmington, NC for a disentanglement response on 12/30/04.

	<p>12/30/04</p> <ul style="list-style-type: none"> • Satellite telemetry indicates that the entangled animal changed direction of travel and is now traveling southwest. • Disentanglement team stages out of Charleston, SC with assistance from the USCG Cutter <i>Yellowfin</i>. • Initial response team from PCCS and FWC FWRI respond on the NOAA RHIB and locate the entangled animal approximately 6.5 NM southeast of Charleston, SC. • Numerous attempts to get close enough to attempt a cut on the lines crossing over the head of the animal were unsuccessful. • Aerial survey team from Wildlife Trust documented the whale and the disentanglement attempts. • The telemetry buoy and large orange buoy were moved forward along the trailing line to limit the length of trailing line and gear behind the animal. Additional buoys were deployed forward of the telemetry buoy to keep the tag at the surface more for better satellite fixes. • At dusk a strobe light was affixed to the telemetry buoy for tracking through the night for continued disentanglement operations in the morning on 12/31/04. <p>12/31/04</p> <ul style="list-style-type: none"> • A biopsy sample was obtained of inflamed tissue surrounding the embedded line on the head of the animal. • Additional drag was placed on the animal by the disentanglement team in an attempt to slow it down and allow the team in the combat inflatable to approach closely enough to cut the lines crossing over the head. • While adding additional drag from the NOAA RHIB the line parted and all of the gear was released from the animal. • All of the gear was recovered. • The animal was tracked for an additional 45 minutes to verify that all of the gear was removed and to gain additional documentation.
<p>Description of Gear on Whale AS REPORTED</p>	
<p>A. DURING INITIAL SIGHTING</p>	<p>Reported to have heavy amount of netting or 'tackle' and to be towing a length of gear with a poly ball float at the trailing end.</p>
<p>B. SUBSEQUENT DESCRIPTIONS</p>	<p>12/21/04</p> <ul style="list-style-type: none"> • Animal had green line anchored at the mouth and/or flippers, crossing over the nares where the line splits into two lines forming a 'Y' on the left side of the head. • Line appears to come from the left flipper region and trail approximately 4 body lengths (~200ft) to a large orange buoy. • Approximately 40 feet of line trails behind the large orange buoy.
<p>C. DIAGRAM OF ENTANGLING</p>	

GEAR ON WHALE



Description of Wounds/**CONDITION**

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

Majority of gear recovered

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Month	Day	Year	Latitude	Longitude	Area
12	23	2002	31.51667	81.13333	GA
12	27	2002	31.3	81.05	GA
12	29	2002	30.86667	81.36667	GA
12	30	2002	30.79	81.3	GA
1	18	2003	29.84333	81.23833	FL
1	21	2003	30.61	81.27167	FL
6	29	2003	42.14167	69.85333	MB
8	14	2003	44.36167	66.285	BOF
8	20	2003	44.65833	66.49667	BOF
8	20	2003	44.68167	66.50167	BOF
8	20	2003	44.68833	66.49833	BOF
8	21	2003	44.71	66.495	BOF
8	25	2003	44.59667	66.535	BOF

Re-sightings POST-ENTANGLEMENT	1 30 2004 30.78667 81.33167 GA
	01/03/05 <ul style="list-style-type: none"> Animal observed by Wildlife Trust aerial survey team at 31° 22.17'N \ 081° 06.16'W, 8.5 NM east of Sapelo Island, GA. No gear observed on the animal.
Life History Information	06/08/05 <ul style="list-style-type: none"> Animal observed feeding by NOAA aerial survey team at 41° 26.9'N \ 068° 50.9'W in the Great South Channel. No gear observed on the animal.
NMFS Serious Injury/Mortality Determination	Unknown sex, the whale was identified as #3314, a 2003 calf, unknown length Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 26 - 04		
Field No.	J120604	Date 1 st Observed Entangled	12/6/04
Location 1 st Observed	4nm Southeast of Diamond Shoals, NC 35E 5.3' N, 75E 15.2' W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Observation 12/30/04 Disentangled
Species	right	Gear Recovered (y/n)	Yes
Individual ID	Eg # 3314, aka: Yellowfin	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	Dec. 30 & 31, 2004	Gear Retrieved By	PCCS et al
Date Gear Received	2/2/05	Received From	SEFSC
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Owner interview	Location
	Other		Depth
			Bottom Type
Gear Type:	Lobster trap	Target Species:	Lobster

Gear Description:

Endline and buoy system. Buoy system consists of Scanmarin NB60, 18" diameter balloon style float and a 7"x 14" bullet type pick-up float. The pick-up buoy and scan float are attached to each other with 4 fathoms of sink rope. The buoyline was 3/8" polysteel (floatrope) and had 3 foot lengths of gillnet leadline tucked into it approximately every 4 fathoms. Total length of buoyline recovered is approximately 78 fathoms.

Comments:

Marking on the scan float led to the identification of the owner and subsequent interview. The owner fishes out of Campabello Island, New Brunswick. He thought that the gear might have been picked up in May or June from a bay near St. John, NB, if not it would have to have been at some point after Nov. 9, 2004. The buoyline was rigged 120 fathoms long (approx. 78 fm recovered) and had a 35 pound trawl anchor at the bottom. The fishermen puts the leadline in the buoyline to keep it from floating at the surface.

Conclusions:

Gear recovered was part of lobster gear set near St. John, NB, possibly during May or June or subsequent to Nov. 9, 2004.

Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	Allen Harbor Field Station
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NMFS No.	E27-04
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	12/11/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	9 NM west of Cape St. Mary, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 03.9'N 66° 24.64'W (approximation)
Event Description	<p>12/13/04</p> <ul style="list-style-type: none"> • Fisherman reports to DFO that they successfully disentangled a whale on 12/11/04 • Fisherman reported that the animal had long, white pectoral flippers, a dorsal fin and 'bumps' on the head. • Fisherman reports that 5 fishing vessels assisted in the disentanglement of the animal. Fishermen were able to haul-up to the tail of the animal and cut the gear free. • Fisherman thought that the large amount of gear present was from the animal swimming into additional gear after the original entanglement.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Gear reported by fisherman to be 57 lobster traps, 8 anchors, 6000 feet of line, 10 bladder balloons and 6 cork buoys.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered

B. GEAR PART/LINE TYPE
C. LOCATION OF SET
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR
Sighting prior to entanglement
Re-sightings POST-ENTANGLEMENT
Life History Information
NMFS Serious Injury/Mortality Determination

Unknown
 Unknown – animal not resighted
 Unknown sex, estimated to 35-40 feet in total length
 Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 27 - 04		
Field No.	J121104	Date 1 st Observed Entangled	12/11/04
Location 1 st Observed	9 nm West of Cape St. Mary, Nova Scotia 44E 3.9' N, 66E 24.6' 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)	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	Nova Scotia Network member	Depth
			Bottom Type
Gear Type:	Lobster pot gear	Target Species:	Lobster

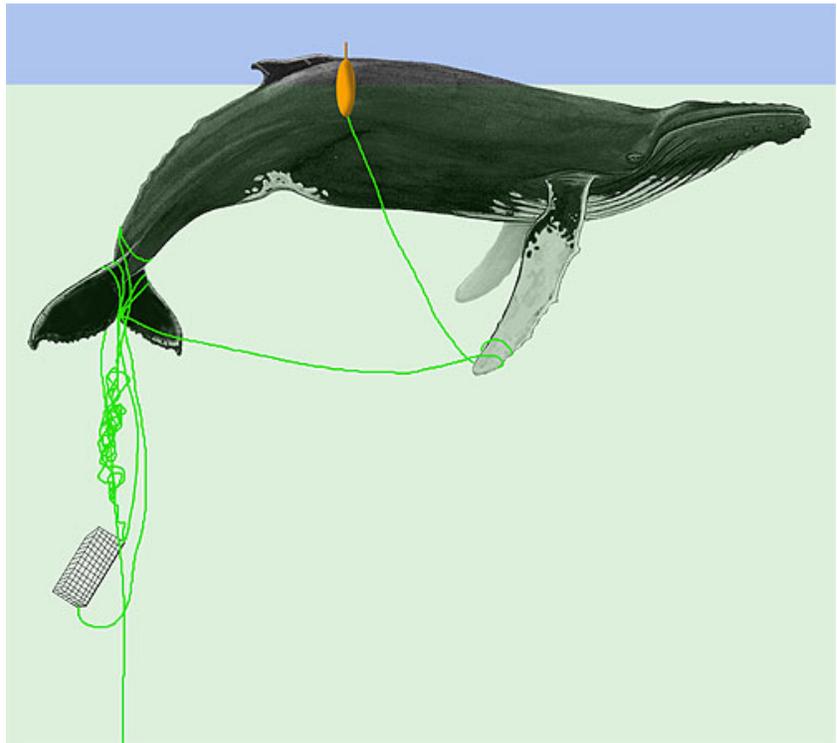
Gear Description:

Information from a Nova Scotia Network member indicated the entanglement involved 57 lobster traps, 8 anchors, 6000 feet line, 10 bladder balloons and 6 cork buoys.

<u>Comments:</u>					
<u>Conclusions:</u>					
Entanglement with lobster gear.					
Report By:	John F. Kenney	Date:	10/25/05	Current Location of Gear	N.A.

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NMFS No.	E28-04
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	12/21/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	4 NM south of Castle Hill, RI
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 24.02'N 71° 18.96'W (approximation)
Event Description	<p>12/21/04</p> <ul style="list-style-type: none"> • Newport Shipping Pilot vessel reports an entangled whale to the USCG. • Whale reported to be restricted in travel by fixed gear. • RI DEM and US Navy were able to respond to get documentation of the entangled whale. • Weather and seas conditions prevented tagging and disentanglement operations. <p>12/22/04</p> <ul style="list-style-type: none"> • A NOAA aerial survey team relocated the entangled whale. • PCCS disentanglement team responded with the assistance of USCG support and a near-by fishing vessel and successfully disentangled the animal.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Whale is reported to be entangled by the right flipper in part of the gear system of a multi-pot trawl. A blue and yellow buoy is visible near the whale.
B. SUBSEQUENT DESCRIPTIONS	<p>12/22/04</p> <ul style="list-style-type: none"> • Whale was entangled by a minimum of six wraps of line around the base of the tail that lead to heavy gear at the seafloor and it appeared that the animal could not raise its tail flukes. It was suspected that the gear was also involved with the right flipper.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



Description of Wounds/**CONDITION**

A. DURING INITIAL SIGHTING

Animal reported to appear thin. No obvious wounds or injuries.

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

A. Gear Type

Some gear recovered

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Unknown

Re-sightings **POST-ENTANGLEMENT**

Unknown – animal not resighted

Life History Information

Unknown sex, unknown length

NMFS Serious Injury/Mortality Determination

Non Human-caused Serious Injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 28 - 04	Date 1 st Observed Entangled	12/21/04
Field No.	J122104		
Location 1 st Observed	4nm South of Castle Hill, Rhode Island 41E 24' N, 71E 19' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	12/22/04	Gear Retrieved By	PCCS	
Date Gear Received		Received From		
Sources:	USCG	Date Set		
	CCS	Date Lost	within a week of the entanglement	
	Fisherman	Owners (2 individuals)	Location	within 1 mile of sighting location
	Other		Depth	
			Bottom Type	# 1 -sand , # 2 - sand
Gear Type:	Lobster pot gear	Target Species:	Lobster	
<p><u>Gear Description:</u> Gear from two fishermen were involved.</p> <p>Gear # 1 consisted of a red & blue 6" x 14" buoy with a wooden stick. Attached to this buoy was approximately 3 fm of sinking <i>Loctite</i> type line.</p> <p>Gear # 2 consisted of a wire trap with bridle and partial gangion, buoyline comprised of both floating and sinking line attached to the bottom portion of a plastic buoy stick.</p>				
<p><u>Comments:</u> Both sets of gear were set in RI State waters. Gear recovered by PCCS was turned over to NMFS Enforcement.</p> <p>Gear # 1 was rigged as a 15 trap trawl with endlines consisting of 2/3 sink rope at the top and 1/3 float rope at the bottom. Groundline is sink rope with 15 fm between traps. All that was missing from the original set was the buoy and short length of endline.</p> <p>Gear # 2 was set as a 10 trap trawl with endlines consisting of 2/3 sink rope at the top and 1/3 float rope at the bottom. The owner recovered 6 of the traps from this trawl approximately 3/4nm to the southeast of where they'd been set.</p>				
<p><u>Conclusions:</u></p> <p>The entanglement involved lobster pot gear set in RI State waters</p>				
Report By:	John F. Kenney	Date:	10/27/05	
		Current Location of Gear	NA	

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2004 Ship Strikes

NMFS No.	SS01-04
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Alive
Date of Strike	Unknown
Date 1st Observed	01/08/04
Species	Right
Individual ID	Unknown – could not be matched to catalog
Location 1st OBSERVED	~30' off Juno Beach (just south of West Palm Beach), FL.
Latitude/Longitude 1st OBSERVED	
Location of strike	Unknown
Event Summary	Whale sighted with injuries—unknown whether recent or healed.
Event Description	<p>1/8/04 – Lifeguard sighted whale just off beach. Whale appeared to be breathing</p> <p>1/9/04 – Lifeguard reported sighting to SER stranding coordinator and said the whale was motionless and did not appear to be breathing.</p> <p>1/9/04 – FMRI sent crew to verify via air. Photographs taken—whale id'ed as right whale. Whale was clearly alive and moving.</p>
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	<p>Injuries not noted during initial sighting</p> <p>Lifeguard reported that whale was breathing, then motionless on the following day.</p>
B. SUBSEQUENT DESCRIPTIONS	<p>1/9/04 – Photos indicate right half of fluke is missing</p> <p>1/9/04 – FMRI verified whale alive and moving.</p> <p>Interpretations of photos range from “new injury” to “partially healed”</p>
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	None

Life History Information	Unknown
Reports Available	Photographs
NMFS Serious Injury/Mortality Determination	Non Human-caused Serious Injury

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NMFS No.	SS02-04
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown – likely 3-7 days prior to discovery due to condition of carcass.
Date 1st Observed	02/07/04
Species	Right
Individual ID	1004 - Stumpy
Location 1st OBSERVED	~ 6 nm SE of Rudee Inlet off Virginia Beach, VA
Latitude/Longitude 1st OBSERVED	36 46.925 N, 75 51.195 W
Location of strike	Unknown – hindcasting not possible
Event Summary	Floating dead whale spotted by whale watch vessel; carcass towed in and necropsied.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	No fresh injuries or signs of human interaction noted during initial sighting. Whale floating ventral side up with flippers almost completely exposed. Very bloated. Skin present. Odor present, but not rotten or unusually strong. Carcass not substantially scavenged. Several healed scars noted. Expelled fetus through mouth.
B. SUBSEQUENT DESCRIPTIONS	2/11/04 – Necropsy indicates severe subdermal bruising, multiple small fractures around ears bilaterally, and complete fracture of rostrum involving maxilla, premaxilla and vomer and severe laceration of oral rete.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Adult female and near-term fetus 16 m ~40 yrs. old
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

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NMFS No.	SS03-04
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown – between 2/23 and 2/25/05
Date 1st Observed	02/25/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	~250 yards south of buoy #15, off of Port Elizabeth, NJ
Latitude/Longitude 1st OBSERVED	40 40.04* N, 74 08.00* W (estimated)
Location of strike	Unknown – somewhere between Boston (previous port of call) and New Jersey.
Event Summary	Whale brought in on bow of ship. Carcass recovered and necropsied.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Whale belly up laying across bow of ship (about 15 feet of belly exposed) Belly light grey/whitish with ridges Belly gashed halfway through on the bow; wound was red. When ship backed down, whale rolled off bubble and red blood was evident in the water as the whale sank.
B. SUBSEQUENT DESCRIPTIONS	2/27/04 – Necropsy indicated some asymmetry in bruising on the left side of the jaw at the articulation with the skull. Vertebrae were displaced and the aorta and IVC may have ruptured as well. Carcass was otherwise normal and very fresh.
Vessel Description A. Vessel Type	General cargo/container ship.
B. Speed	Unknown at time of strike. At sea speed between Boston and NJ – 18.4 knots. Speed at time whale first seen – 3-5 knots.
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Adult female 16.33 m
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

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NMFS No.	SS04-04
Indication of Strike	Suspected
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	05/21/04
Species	Sei
Individual ID	Unknown
Location 1st OBSERVED	Berth 51, Port Elizabeth, NJ
Latitude/Longitude 1st OBSERVED	40 41.285N, 74 09.466 W
Location of strike	Unknown
Event Summary	Carcass seen floating in Upper New York Bay. Pushed into Port Elizabeth by towing vessel and brought ashore for necropsy. Initially identified as fin whale; later ID'd as sei.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Moderate decomposition Head missing with bones protruding Tail missing with bones protruding Bones protruding from decayed, small pectoral flippers
B. SUBSEQUENT DESCRIPTIONS	5/24/04 – Appeared to have been struck twice. Once behind dorsal fin, ripping off tail. Second between pectoral fins and dorsal fin.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Male 29 ft. 6 in. (8.99 m)
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

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NMFS No.	SS05-04
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	06/01/04
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED	Sandbar off Chatham, MA
Latitude/Longitude 1st OBSERVED	4140.537 N, 6956.36 W
Location of strike	Unknown
Event Summary	Floating dead whale sighted then stranded and necropsied.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	No external indications of strike noted--no prop wounds, no broken bones. No other indications of poor health or entanglement.
B. SUBSEQUENT DESCRIPTIONS	6/3/04 – Necropsy indicated pre-mortem edema and bruising in neck region.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Female 6.5 m
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

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NMFS No.	SS06-04
Indication of Strike	Suspected
INITIAL STATUS	Live/injured
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Dead - euthanized
Date of Strike	Unknown
Date 1st Observed	06/13/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	Off Fort Adams State Park, Newport, RI
Latitude/Longitude 1st OBSERVED	41 28.243 N, 71 20.199 W
Location of strike	Unknown
Event Summary	Live whale trapped in shallow cove in approx. 9 ft. of water. Whale euthanized and necropsied. Prop cuts noted.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	- Superficial propeller cuts noted on top of head and dorsal left of fluke - Unconfirmed large gash reported on right dorsal - Flukes bloody from rubbing against rocks
B. SUBSEQUENT DESCRIPTIONS	6/15/04 – Necropsy indicated heavy parasite load going to and from the kidneys; animal thin; no food in stomach. Prop cuts superficial—probably not cause of stranding.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Sub-adult male 11.27 m
NMFS Serious Injury/Mortality Determination	Human-caused Mortality

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NMFS No.	SS07-04
Indication of Strike	Suspected
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	09/26/04
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	Brought into port at St. John, NB, Canada.
Latitude/Longitude 1st OBSERVED	
Location of strike	Unknown – somewhere between Quebec City and the Bay of Fundy
Event Summary	Fresh dead fin whale brought in on bow of ship. Carcass not recovered for necropsy.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Draped across bulbous bow. Appeared fresh dead.
B. SUBSEQUENT DESCRIPTIONS	N/A
Vessel Description A. Vessel Type	Large cruise ship
B. Speed	Unknown at time of strike– capable of 25 kts
C. Size	293.22 m
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	~15.24 m
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

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NMFS No.	SS08-04
Indication of Strike	Confirmed
INITIAL STATUS	Alive/injured
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown; could be linked to 11/24/04 dead stranded right whale in Ocean Sands, NC.
Date of Strike	11/17/04
Date 1st Observed	11/17/04
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED	Inshore of Chesapeake Bay, VA
Latitude/Longitude 1st OBSERVED	36 51.2 N, 75 45.6 W
Location of strike	Same as above
Event Summary	Navy reported striking a whale. Whale seen crossing bow close aboard from left to right. Minutes later, whale observed 180 relative near the surface. Lookouts reported blood in ship's wake. A recreational vessel later reported an injured whale to VMSM inshore of Chesapeake Bay Light Tower at 36 55N, 75 46W, at 1200. The whale appeared to have a fresh wound to the fluke with a large portion missing and bleeding.
Description of wounds/condition AS REPORTED	Whale sighted near surface with blood trailing in vessel's wake.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	Fresh wound to fluke with large portion missing and bleeding.
Vessel Description	Navy - Amphibious assault ship, Wasp class (LHD)
A. Vessel Type	
B. Speed	Unknown at time of strike – capable of 20+ kts
C. Size	~253.2 m
Sighting prior to strike	Seen crossing bow of vessel close aboard from left to right
Re-sightings POST- STRIKE	11/17/04 - Seen immediately after strike, close to surface with blood in ship's wake. 11/17/04 – Seen approximately one hour later swimming slowly but steadily ESE, still bleeding. 11/24/04 – Whale with missing left tail fluke washes ashore in North Carolina. Possibly same whale, but unconfirmed. Necropsy report of this whale is available.
Life History Information	Unknown

NMFS Serious Injury/Mortality Determination	Human-caused Mortality
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NMFS No.	SS09-04
Indication of Strike	Confirmed
INITIAL STATUS	Dead, ashore
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	11/17/04 (if same as reported Navy strike)
Date 1st Observed	11/24/04
Species	Right
Individual ID	1909
Location 1st OBSERVED	Stranded in Ocean Sands, NC
Latitude/Longitude 1st OBSERVED	36 30 58 N, 77 80 23 W
Location of strike	36 51.2 N, 75 45.6 W (if same as reported Navy strike). Hindcasting suggests this could be the same animal struck by Navy vessel on 11/17/04.
Event Summary	Whale sighted on beach, necropsied, found to have suffered blood loss from wound to tail fluke.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Left fluke blade completely missing. Deep wound on mid-left rostrum. Shallow linear wound on right lip and into right gum.
B. SUBSEQUENT DESCRIPTIONS	Left fluke lobe completely missing. Tearing of epidermis and connective tissue surrounding vertebral column in fluke. 3-4 caudal vertebrae missing. Large bore arteries torn and exposed along dorsal and ventral midline of fluke blades. Left caudal third of rostrum – deep laceration through epidermis, extended through to premaxilla and maxilla. Dark staining in the dermis trailing back 5 cm from wound – potential hemorrhage. Bleeding cranial wound. Right maxilla fractured on caudal 1 st quarter.
Vessel Description A. Vessel Type	Unknown (but see 11/17/04 record)
B. Speed	Unknown (but see 11/17/04 record)
C. Size	Unknown (but see 11/17/04 record)
Sighting prior to strike	None (but see 11/17/04 record)
Re-sightings POST- STRIKE	N/A
Life History Information	Young adult female – pregnant with near-term fetus 14.9 m 15 yrs. old

NMFS Serious Injury/Mortality Determination	Human-caused Mortality
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NMFS No.	SS10-04
Indication of Strike	Confirmed
INITIAL STATUS	Dead, ashore
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	12/19/04
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED	Bethany Beach, DE
Latitude/Longitude 1st OBSERVED	38 47.55 N, 75 05.30 W
Location of strike	Unknown
Event Summary	Whale sighted on beach, necropsied, found to have broken jaw and possible prop wounds.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Compound fracture of jaw on both right and left sides with bones visible through skin. Two semi-circular cuts on the right side behind the jaw and extending to the base of the right pectoral flipper. Decomposition and significant scavenging evident.
B. SUBSEQUENT DESCRIPTIONS	Broken left and right jaw; fractured skull on left side, with no lacerations or wounds in surrounding skin; wound measuring 62 cm X 108.8cm located on right side of head behind jaw-green tint to tissue surrounding the wound, possible hemorrhaging; cyst like sack located beneath hinge of right jaw, bluish green in color filled with clear liquid.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	N/A
Life History Information	Female calf 8.03 m
NMFS Serious Injury/Mortality Determination	Non Human-caused Mortality

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