

# Large Whale Entanglement and Ship Strike Report 2006

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## Prepared by

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# 2006 Large Whale Entanglement and Ship Strike Report

Table 1: Summary of 2006 large whale entanglement reports for live entangled whales.

## Indication of Entanglement\* - Live Whales

	Yes	No	TOTAL
Right Whale	4	0	4
Humpback Whale	13	1	14
Finback Whale	2	0	2
Minke Whale	7	0	7
Sei Whale	1	0	1
Bryde's spp.	0	0	0
Unknown	1	0	1
TOTAL	28	1	29

Table 2: Summary of 2006 large whale entanglement reports for dead stranded or floating dead whales.

## Indication of Entanglement\* - Dead Whales

	Yes	No	TOTAL
Right Whale	1	1	2
Humpback Whale	5	0	5
Finback Whale	0	0	0
Minke Whale	1	0	1
Sei Whale	0	0	0
Bryde's spp.	0	0	0
Unknown	0	0	0
TOTAL	7	1	8

\* "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 Provincetown Center for Coastal Studies (PCCS) staff

and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

Table 3: Summary of 2006 large whale ship strike reports for live whales.

### Indication of Ship Strike\*

	Confirmed	Suspected	TOTAL
Right Whale	6	0	6
Humpback Whale	3	0	3
Finback Whale	0	0	0
Minke Whale	0	0	0
Sei Whale	1	0	1
Unknown	2	0	2
TOTAL	12	0	12

\* "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 fresh wounds consistent with ship strike, or reviews photographs and indicates that the wounds present are fresh 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 “confirmed” scenarios is described/witnessed by an inexperienced observer, and the event cannot be confirmed via photograph or other means by an experienced individual.

#### Wounds, condition and NMFS Serious injury and mortality determination

Descriptions of wounds and condition in this report were based on the preliminary information at the time of the event. Analysis of data and final classifications were undertaken separately as part of the serious injury and mortality determinations.

NMFS gathers all available information to make the determination if the injury was serious or the mortality was human induced. It should be stated the serious injury and mortality determinations are conservative and represent a minimum number.

Any disentanglement attempt on a whale was deemed necessary if the entanglement posed an immediate or future threat to the health of the whale. Accordingly, most entangled whales would have been listed as a serious injury or mortality if not for the extraordinary successful disentanglement efforts of people within the Atlantic Large Whale Disentanglement Network.

The default classification is “Human-induced injury”. Visible external injuries not deemed serious, the whale was disentangled or lack of information due to the inability to analyze the carcass or animal will classify it in this category. Scientists are just beginning to understand the long term and internal impacts of entanglements or ship strikes and how it changes fecundity and survivability. Accordingly, this category should serve as a cautionary note.

Animals classified as “Human-induced serious injury” or “Human-induced mortality” is used to determine the Potential Biological Removal for that given species during the listed year.

#### NOTE:

- New England Aquarium and the North Atlantic Right Whale Consortium provided sighting and life history information for right whales.
- Life history and sighting info for humpback whales was provided by the Provincetown Center for Coastal Studies, with contributions from Blue Ocean Society, Brier Island Whale and Seabird Cruises and Whale Center of New England. Please contact Jooke Robbins of PCCS for more information. Scott Landry of PCCS supplied the entanglement diagrams.

Table 4: Key for acronyms used in this report

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

Table 5. Table of Contents.

Entanglement Report Number	Species	Date of Report	Gear Present	Gear Collected	Dead/Alive	Type of Gear
<a href="#">E01-06</a>	Right	01/16/2006	No	No	Alive	N/A
<a href="#">E02-06</a>	Right	01/22/2006	No	No	Dead	N/A
<a href="#">E03-06</a>	Humpback	02/16/2006	No	No	Alive	N/A
<a href="#">E04-06</a>	Humpback	03/25/2006	Yes	Yes	Alive	Lobster
<a href="#">E05-06</a>	Humpback	04/08/2006	No	No	Dead	N/A
<a href="#">E06-06</a>	Right	05/18/2006	No	No	Dead	N/A
<a href="#">E07-06</a>	Unknown	6/16/2006	Yes	No	Alive	N/A
<a href="#">E08-06</a>	Humpback	07/08/2006	Yes	No	Alive	N/A
<a href="#">E09-06</a>	Humpback	07/09/2006	Yes	Yes	Alive	Unk. Gillnet
<a href="#">E10-06</a>	Humpback	07/15/2006	Yes	Yes	Alive	Lobster
<a href="#">E11-06</a>	Humpback	07/16/2006	Yes	Yes	Alive	Unknown
<a href="#">E12-06</a>	Humpback	07/17/2006	Yes	No	Alive	N/A
<a href="#">E13-06</a>	Humpback	08/02/2006	Yes	Yes	Alive	Lobster
<a href="#">E14-06</a>	Minke	08/05/2006	Yes	No	Alive	N/A
<a href="#">E15-06</a>	Humpback	08/06/2006	Yes	No	Alive	N/A
<a href="#">E16-06</a>	Finback	08/09/2006	Yes	No	Alive	N/A
<a href="#">E17-06</a>	Right	08/16/2006	Yes	No	Alive	N/A
<a href="#">E18-06</a>	Humpback	08/20/2006	Yes	No	Dead	N/A
<a href="#">E19-06</a>	Minke	08/22/2006	Yes	No	Alive	N/A
<a href="#">E20-06</a>	Humpback	08/23/2006	Yes	No	Alive	N/A
<a href="#">E21-06</a>	Minke	08/23/2006	Yes	Yes	Alive	Lobster
<a href="#">E22-06</a>	Minke	08/23/2006	Yes	Yes	Alive	N/A
<a href="#">E23-06</a>	Humpback	08/23/2006	Yes	Yes	Alive	Unk. Pot
<a href="#">E24-06</a>	Minke	08/26/2006	Yes	Yes	Alive	Lobster
<a href="#">E25-06</a>	Minke	08/29/2006	Yes	No	Dead	N/A
<a href="#">E26-06</a>	Humpback	09/06/2006	Yes	No	Dead	N/A
<a href="#">E27-06</a>	Humpback	09/11/2006	Yes	Yes	Alive	Crab
<a href="#">E28-06</a>	Sei	09/16/2006	Yes	No	Alive	N/A
<a href="#">E29-06</a>	Finback	09/17/2006	Yes	No	Alive	N/A
<a href="#">E30-06</a>	Right	09/17/2006	Yes	No	Alive	N/A
<a href="#">E31-06</a>	Minke	09/25/2006	Yes	Yes	Alive	N/A
<a href="#">E32-06</a>	Right	09/27/2006	Yes	Yes	Alive	Trawl or longline

<a href="#">E33-06</a>	Humpback	09/27/2006	Yes	No	Alive	N/A
<a href="#">E34-06</a>	Minke	09/28/2006	Yes	No	Alive	Lobster
<a href="#">E35-06</a>	Humpback	10/15/2006	No	No	Dead	N/A
<a href="#">E36-06</a>	Humpback	10/22/2006	Yes	No	Alive	N/A
<a href="#">E37-06</a>	Humpback	12/15/2006	No	No	Dead	N/A

<b>Ship Strike Report Number</b>	<b>Date of Report</b>	<b>Species/ID</b>	<b>Location</b>
SS01-06	1/8/2006	Right/3520	SEUS
SS02-06	1/9/2006	Humpback	Charleston, SC
SS03-06	1/10/2006	Right	Jacksonville, FL
SS04-06	1/21/2006	Unknown	Dam Neck, VA
SS05-06	3/11/2006	Right/3522	Cumberland Island, GA
SS06-06	3/17/2006	Humpback	Virginia Beach, VA
SS07-06	4/17/2006	Sei	Baltimore, MD
SS08-06	7/7/2006	Unknown	Cape Ann, MA
SS09-06	7/24/2006	Right	New Brunswick, Canada
SS10-06	9/3/2006	Right	Yarmouth, Nova Scotia
SS11-06	10/15/2006	Humpback	Fenwick Island, DE
SS12-06	12/30/2006	Right	Cumberland Island, GA

# 2006 Entanglements

NMFS No.	E01-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	1/16/06
Species	Right
Individual ID	# 3620
Location <b>1st OBSERVED ENTANGLED</b>	SSE of Cooks Island, Corpus Christi, TX
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	27° 49.0'N      97° 13.0'W
Event Description	<p>1/16/06</p> <ul style="list-style-type: none"> <li>• A mother and calf right whale was observed by stranding network participants in the Corpus Christi shipping channel.</li> <li>• Local USCG, Army Corps of Engineers and Navy officials were informed of the animals. The USCG sent three vessels to the scene to ensure that the animals were not injured by passing ship traffic.</li> <li>• A USCG broadcast to mariner was issued to alert local vessels to be aware of the animals in the area.</li> <li>• The calf had at least two linear and parallel lesions on its dorsal surface.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	The calf was reported and documented to have at least two linear and parallel lesions on its dorsal surface. The lesions were thought to be from a previous entanglement.

<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	12/11/05
Re-sightings <b>POST-ENTANGLEMENT</b>	9/23/08
Life History Information	Male calf
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E01 - 06		
Field No.	J 011606 rw	Date 1 <sup>st</sup> Observed	1/16/06
Location 1 <sup>st</sup> Observed	SSE of Cooks Island, Corpus Christi, TX 27° 49' N, 97° 16' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	# 3620	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>    							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E02-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	1/22/06
Species	Right
Individual ID	2006 calf of #1802
Location <b>1st OBSERVED ENTANGLED</b>	15 miles east of Ponte Vedre Beach, Jacksonville, FL
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	30° 14.76'N      81° 03.4'W
Event Description	<p>1/22/06</p> <ul style="list-style-type: none"> <li>• A recreational vessel reported to the USCG a small dead whale.</li> <li>• An aerial response team from FWRI responded and verified the carcass as a dead right whale calf.</li> <li>• A FWRI biopsy team also responded via water and was able to obtain documentation of the carcass.</li> <li>• The carcass was towed by a contracted vessel to Buck Island for necropsy.</li> <li>• Necropsy findings and documentation indicate that the animal was most likely entangled in monofilament netting and potentially what caused the animal's demise.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Reported to have unusual dorsal lesions on the peduncle.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Necropsy findings and documentation indicate the animal was most likely entangled in monofilament netting and caused the animal's demise.

Sighting prior to entanglement	Could not determine
Re-sightings <b>POST-ENTANGLEMENT</b>	None – mortality
Life History Information	Unknown, female, 560cm in length
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced mortality



## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E02 - 06		
Field No.	J 012206 rw	Date 1 <sup>st</sup> Observed	1/22/06
Location 1 <sup>st</sup> Observed	15 nm E of Ponte Vedre Beach, Jacksonville, FL 30° 14.8' N, 81° 3.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Right	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes by SEFSC

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type: Gillnet				Target Species:			
<p><u>Gear Description:</u> No gear was present.</p>							
<p><u>Comments:</u></p>							
<p><u>Conclusions:</u> Determination was made by the Southeast Fisheries Science Center that the whale mortality was the result of an entanglement by gillnet gear.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E03-06
Indication of Entanglement	No
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	2/16/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	East of cape Hatteras, NC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	35° 05.16'N      75° 37.44'W
Event Description	<p>2/16/06</p> <ul style="list-style-type: none"> <li>• A UNC-W aerial survey team identified a possible entangled whale after examining images from the day's survey flight.</li> <li>• The whale was reported to have either wraps of line or scars across the back.</li> <li>• Weather conditions the following days were not conducive to a follow-up search for the animal.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Reported as having either wraps of line or scars across the back.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Reported as having either wraps of line or scars across the back.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown, animal reported to be an adult but not confirmed
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E03 - 06		
Field No.	J 021606 hw	Date 1 <sup>st</sup> Observed	2/16/06
Location 1 <sup>st</sup> Observed	East of cape Hatteras, NC  35° 05.16'N 75° 37.44'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	
	PCCS	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:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E04-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free, but prognosis is poor
Date 1st Observed Entangled	3/25/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	< 1 mile off Flagler Beach, FL
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	29° 29.8'N      81° 07.3'W
Event Description	<p>3/25/06</p> <ul style="list-style-type: none"> <li>• A researcher reported a sighting of an entangled whale just off the beach.</li> <li>• A FWRI aerial survey team conducting surveys of the right whale calving grounds responded and was able to confirm the entangled humpback whale. The aerial survey located the whale at 29° 26.3'N / 81° 05.4'W.</li> <li>• The animal was reported to remain at or near the surface the entire time and that the buoys were never seen to submerge.</li> <li>• Animal is reported to be moving very slowly, less than a knot, and appears to be using its flippers for locomotion.</li> </ul> <p>3/26/06</p> <ul style="list-style-type: none"> <li>• USCG received a report from a private boater of an entangled whale that matches the description of the animal from the previous day.</li> <li>• USCG, FWRI aerial survey, FWRI and GA DNR rescue teams respond and relocate the animal.</li> <li>• After complete documentation a single cut is made and all gear is removed and recovered.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	<p>3/25/06</p> <ul style="list-style-type: none"> <li>• Reported as the animal having two buoys, one yellow/orange cylindrical and one white round buoy.</li> <li>• Aerial survey team reported that rope was visible around the tailstock.</li> </ul>

<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p> <p><b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b></p>	<p>3/26/06</p> <ul style="list-style-type: none"> <li>• Single loop of black line underneath the peduncle and embedded on the leading edge of the fluke and then trailing behind and ending in a tangle of line.</li> <li>• White polyboll and foam bullet buoy in tangle of line.</li> </ul>
<p>Description of Wounds/<b>CONDITION</b></p>	
<p><b>A. DURING INITIAL SIGHTING</b></p>	<ul style="list-style-type: none"> <li>• Aerial survey team reported that the animal has chaffing near the blowholes, but no rope is visible anywhere except around the tailstock.</li> <li>• Animal is reported to be moving very slowly, less than a knot, and appears to be using its flippers for locomotion.</li> </ul>
<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p>	<p>3/26/06</p> <ul style="list-style-type: none"> <li>• Photo analysis indicates the animal was emaciated, covered with cyamids and had an unusual spinal curvature.</li> <li>• Line was embedded on the leading edge of the tail with a large amount of granulation tissue around the wounds. Whale was only using its flippers for locomotion.</li> <li>• Entanglement trauma and scarring were present along the dorsal ridge of the peduncle.</li> </ul>
<p>Sighting prior to entanglement</p>	<p>Could not determine</p>
<p>Re-sightings <b>POST-ENTANGLEMENT</b></p>	<p>Could not determine</p>
<p>Life History Information</p>	<p>Unknown, reported as approximately 25 feet in length</p>
<p><b>NMFS</b> Serious Injury/Mortality Determination</p>	<p>Human-induced serious injury</p>

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E04 - 06		
Field No.	J 032506 hw	Date 1 <sup>st</sup> Observed	3/25/06
Location 1 <sup>st</sup> Observed	Less than 1 nm off Flagler Beach, FL 29° 29.8' N, 81° 7.3' 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	3/26/06	Gear Retrieved By	USCG, NOAA, FWRI, GADNR
Date Gear Received	4/19/06	Received From	NMFS, SER
Sources:	USCG		Date Set
	PCCS		Date Lost
	Fisherman		Location
	Other	Owners wife	Vicinity of Woods Harbor, NS, Canada
			Depth
			Bottom Type
Gear Type:	Lobster	Target Species:	Lobster
<p><u>Gear Description:</u> Gear consisted of 2 surface buoys and a total of approximately 12 fathoms of rope. An 8" x 14" bullet buoy connects to white, A3 size poly ball with 10 fm of 3/8" poly rope. Approximately 3 feet of 1/2" poly endline also connects to the poly ball through a swivel.</p>			
<p><u>Comments:</u> The poly ball was marked with the vessel name &amp; number as well as a telephone number.</p>			
<p><u>Conclusions:</u> The whale was entangled in the endline and possibly the surface system of lobster gear.</p>			
Report By:	John F. Kenney	Date:	2/21/09
		Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI

NMFS No.	E05-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	4/08/06
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 7 NM northeast of Myrtle Beach, SC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	33° 45.7'N 78° 47.1'W
Event Description	4/08/06 <ul style="list-style-type: none"> <li>Report received by National Ocean Service lab at Charleston, SC of animal floating close to shore.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Deceased, with what appeared to be fresh entanglement trauma.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Line marks 3-4 cm in width on the peduncle and flukes. Carcass highly decomposed
Sighting prior to entanglement	None
Re-sightings <b>POST- ENTANGLEMENT</b>	None – mortality
Life History Information	Unknown, juvenile male, 810cm
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E05 - 06		
Field No.	J 040806 hw	Date 1 <sup>st</sup> Observed	4/8/06
Location 1 <sup>st</sup> Observed	7 nm northeast of Myrtle Beach, SC 33° 45.7'N 78° 47.1'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E06-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	5/18/06
Species	Right Whale
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 15 NM southeast of Montauk Beach, NY
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	40° 47.496'N 71° 49.77'W
Event Description	<p>5/18/06</p> <ul style="list-style-type: none"> <li>USCG cutter <i>Spencer</i> located carcass in advanced decomposition state</li> </ul> <p>5/20/06</p> <ul style="list-style-type: none"> <li>Members of WHOI and NEFSC chartered a vessel to retrieve the carcass but decomposition state only allowed sampling at site. No entangling gear or obvious ship strike wounds.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Deceased, advanced decomposition.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Much of skin was missing exposing muscle and blubber, head and tail still present.
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	None – mortality
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E06 - 06		
Field No.	J 051806 rw	Date 1 <sup>st</sup> Observed	5/18/06
Location 1 <sup>st</sup> Observed	15 NM southeast of Montauk Beach, NY 40° 47.5'N 71° 49.8'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Right	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E07-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	6/16/06
Species	Unknown (probable fin or sei whale)
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Platts Bank approximately 52 NM SE of Portland, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 58.0'N 69° 23.3'W
Event Description	6/16/06 <ul style="list-style-type: none"> <li>• Aerial spotter for tuna fishermen noted an entangled fin/sei whale trailing approximately 300 feet of line.</li> <li>• Not able to reach ALWDN because of no cell phone coverage, reported to PCCS on 6/17/06</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	The whale had approximately 300ft of line trailing behind the tail. No buoys or point of attachment were observed.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E07 - 06		
Field No.	J 061606 unk	Date 1 <sup>st</sup> Observed	6/16/06
Location 1 <sup>st</sup> Observed	52 nm SE of Portland, ME 42° 58.0' N 69° 23.3' 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			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>    							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E08-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	7/08/06
Species	Humpback
Individual ID	Isthmus
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 20 NM east of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 38.5'N 69° 30.1'W
Event Description	7/08/06 <ul style="list-style-type: none"> <li>A large hook with monofilament line on the dorsal fin discovered after photo analysis in lab by PCCS</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	N/A
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Tip of fishing hook embedded with monofilament line trailing near dorsal fin
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Robust
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Adult
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E08 - 06		
Field No.	J 070806 hw	Date 1 <sup>st</sup> Observed	7/8/06
Location 1 <sup>st</sup> Observed	20 nm east of Chatham, MA 41° 38.5'N 69° 30.1'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Isthmus	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E09-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	7/9/06
Species	Humpback
Individual ID	Sockeye
Location 1st <b>OBSERVED ENTANGLED</b>	Stellwagen Bank, 16 NM north northwest of Race Point, Cape Cod, MA
Latitude/Longitude 1st <b>OBSERVED ENTANGLED</b>	42° 17.595'N 70° 26.024'W
Event Description	<p>7/9/06</p> <ul style="list-style-type: none"> <li>• A whale watch vessel reported an entangled humpback whale to the ALWDN.</li> <li>• Numerous whale watch vessels and NOAA Fisheries R/V <i>Nancy Foster</i> standby the whale until PCCS rescue team arrived.</li> <li>• Whale was completely disentangled and all gear was recovered.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Animal reported to be entangled in monofilament mesh with an unknown length of lead line, entangled in the baleen and over the rostrum, no buoys or trailing gear
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Animal had portion of line and net entangled in the mouth and possibly tubercles with two portions of lead line trailing behind the whale. Lead lines were shifting constantly and did not stay on one side of the body.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	

Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Animal reported as healthy. Deformation of lower jaw is a known old condition (whale was named after a Sockeye salmon)
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Healthy
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST-ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Adult
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E09 - 06		
Field No.	J 070906 hw	Date 1 <sup>st</sup> Observed	7/9/06
Location 1 <sup>st</sup> Observed	16 nm NW of Race Point, Cape Cod, MA 42° 17.6' N, 70° 26.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Sockeye	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/9/06	Gear Retrieved By	PCCS
Date Gear Received	7/26/06	Received From	PCCS
Sources:	USCG	Date Set	
	PCCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Gillnet	Target Species:	

Gear Description: Recovered was a small portion of gillnet. The webbing was red in color and 12 inch stretch mesh with 0.036" diameter mono. A total of approximately 13 fathoms of leadline was recovered with webbing attached to about 7 fathoms of it. No float line was recovered.

Comments:

Conclusions: The entanglement occurred in unknown gillnet.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E10-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown, possibly gear free
Date 1st Observed Entangled	7/15/06
Species	Humpback
Individual ID	Unknown
Location 1st <b>OBSERVED ENTANGLED</b>	18 NM southeast of Bar Harbor, ME
Latitude/Longitude 1st <b>OBSERVED ENTANGLED</b>	44° 11.784'N 77° 56.459'W
Event Description	<p>7/15/06</p> <ul style="list-style-type: none"> <li>Whale watch vessel found entangled whale at approximately 16:00 EDT, crew of whale watch boat removed some gear and all 3 buoys and then reported to ALWDN. Animal appeared to be still anchored after removal of some gear.</li> </ul> <p>7/16/06</p> <ul style="list-style-type: none"> <li>ME DMR vessel <i>Dirigo</i> and a whale watch vessel without passengers (different company than original reporter) searched the area to try and relocate the animal.</li> <li>The ME DMR crew managed to relocate the humpback in thick fog and stood by while a team of PCCS and CWR staff headed to location</li> <li>Rescue team assessed heavy gear went through the mouth and involved the tail. The flippers appeared to not be involved. One cut was made on the head and the line was seen to slide through the mouth. Whale dove quickly, made two strong tail kicks and disappeared in the fog.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Multiple wraps of line around the body. Tail was entangled by heavy gear and hung down because of weight, unknown if flippers were involved. Three buoys present.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>7/16/06</p> <ul style="list-style-type: none"> <li>Tight wrap of green rope over the blowholes with a line descending near the flukes as the animal dove. Heavy scarring and abrasions visible on the peduncle but not line present.</li> </ul>

<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Heavy scarring and abrasions on peduncle. Numerous wrapping scuff marks across the body.
Sighting prior to entanglement	None
Re-sightings <b>POST-ENTANGLEMENT</b>	None
Life History Information	Unknown, reported as approximately 30 feet in length
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E10 - 06		
Field No.	J 071506 hw	Date 1 <sup>st</sup> Observed	7/15/06
Location 1 <sup>st</sup> Observed	18 nm southeast of Bar Harbor, ME 44° 11.8' N, 67° 56.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/15/06	Gear Retrieved By	WWV
Date Gear Received	7/25/06	Received From	PCCS
Sources:	USCG		Date Set
	PCCS		Date Lost
	Fisherman	Owner Interview	Location
	Other		Depth
		Bottom Type	
Gear Type:	Lobster	Target Species:	Lobster

Gear Description: Two surface buoys were recovered and received by NMFS. A length of endline was also recovered but got lost before it could be transferred. Both buoys were marked and equipped with weak links.

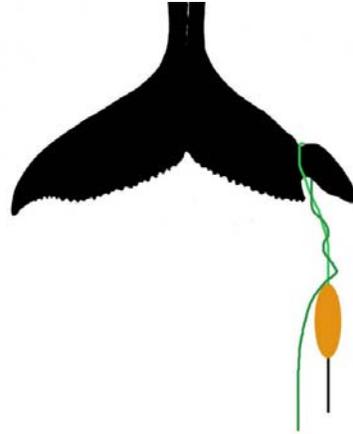
Comments: The following description of this gear was provided by the owner during an interview:  
Traps were set in pairs (two traps having one buoy line) rigged with float ground line, approximately 12 fathoms of float line connecting traps along the bottom. The endline configuration was made up of half float line and half sink line, the float line was closest to the bottom and the sink line ran up to the surface buoys. There were two hard foam buoys, one measuring 7" x 13" rigged with a 600lb weak link swivel to a plastic spindle, both weak link and spindle were manufactured by the Plante company. The second buoy measured 8" x 15 "having a wooden spindle with a weak link consisting of rope stabled to the wooden buoy stick.

Conclusions: The entanglement occurred lobster gear set locally.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E11-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	7/16/06
Species	Humpback
Individual ID	Meteor
Location <b>1st OBSERVED ENTANGLED</b>	Stellwagen Bank, 15 NM north of Race Point, Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 18.4'N 70° 20.8'W
Event Description	<p>7/16/06</p> <ul style="list-style-type: none"> <li>• USCG relayed a report of an entangled animal on Stellwagen Bank from whale watch vessels.</li> <li>• Numerous whale watch vessels and NOAA Fisheries R/V <i>Nancy Foster</i> stood by until the PCCS rescue team arrived.</li> <li>• Whale was assessed as having a buoy with a small section of line wrapped in an old notch (not related to this entanglement) on the right fluke.</li> <li>• Rescue team used a pole grapple with float to attach to gear on fluke tip. Within one minute the additional drag of the float removed all gear.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was assessed as having a buoy with a small section of line wrapped in an old notch (not related to this entanglement) on the right fluke.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	

**C. DIAGRAM OF ENTANGLING GEAR ON WHALE**



Description of Wounds/**CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

Sighting prior to entanglement

Yes – consult PCCS

Re-sightings **POST-ENTANGLEMENT**

Yes – consult PCCS

Life History Information

Adult

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E11 - 06		
Field No.	J 071606 hw	Date 1 <sup>st</sup> Observed	7/16/06
Location 1 <sup>st</sup> Observed	15 nm N of Race Point, Cape Cod, MA 42° 18.4' N, 70° 20.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Meteor	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/16/06	Gear Retrieved By	PCCS
Date Gear Received	7/26/06	Received From	PCCS
Sources:	USCG	Date Set	
	PCCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:		Target Species:	
<p><u>Gear Description:</u> Surface buoy consisting of a 9 foot plastic pole through a 8" x 16" foam buoy and approximately 3 fathoms of sink rope.</p>			
<p><u>Comments:</u> There were no identifying marks on the buoy.</p>			
<p><u>Conclusions:</u> Unknown gear.</p>			
Report By:	John F. Kenney	Date:	2/21/09
		Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI

NMFS No.	E12-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	7/17/06
Species	Humpback
Individual ID	Kohoutek
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 16 NM east southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 26.88'N 70° 21.00'W
Event Description	<p>7/17/06</p> <ul style="list-style-type: none"> <li>• WCNE staff witnessed Kohoutek feeding without an entanglement with 25-30 other whales in the area</li> <li>• A 20-23 foot vessel was seen trolling nearby</li> <li>• Kohoutek charged another feeding whale close to the trolling boat</li> <li>• Less than 5 minutes later Kohoutek was seen with hooks, monofilament line and green "teasers" along its back</li> </ul> <p>7/20/06</p> <ul style="list-style-type: none"> <li>• PCCS research vessel located Kohoutek at 42° 14.26'N / 70° 21.91'W with only one hook embedded near the right shoulder blade and the rest of the gear trailing.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Animal reported to have several hooks attached to the back with green "teasers" and an unknown amount of monofilament line
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>7/20/06</p> <ul style="list-style-type: none"> <li>• PCCS research vessel located Kohoutek with only one hook embedded near the right shoulder blade and the rest of the gear trailing.</li> </ul>
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	

Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST-ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Adult
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

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## FISHERY INTERACTION GEAR ANALYSIS

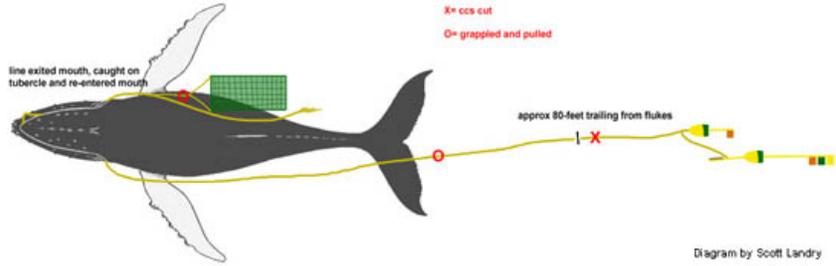
NMFS No.	E12 - 06		
Field No.	J 071706 hw	Date 1 <sup>st</sup> Observed	7/17/06
Location 1 <sup>st</sup> Observed	16 nm southeast of Gloucester, MA 42° 26.9' N, 70° 21.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Kohoutek	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	PCCS		Date Lost		
	Fisherman		Location		
	Other	WCNE	Depth		
			Bottom Type		
Gear Type:	Sport fish trolling gear		Target Species:		
<p><u>Gear Description:</u> The gear was described as "series of green teasers".</p>					
<p><u>Comments:</u></p>					
<p><u>Conclusions:</u> Sport fishing gear.</p>					
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.

NMFS No.	E13-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	8/02/06
Species	Humpback
Individual ID	Mosquito
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 9 NM miles west northwest of Race Point, Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 06.7'N 70° 25.7'W (approximation)
Event Description	<p>8/02/06</p> <ul style="list-style-type: none"> <li>Private fishing vessel located entangled animal at approximately 7:12 EDT and contacted USCG which relayed report to PCCS who responded and sent a full disentanglement team.</li> <li>After a difficult disentanglement all gear was removed from the whale and recovered, including line, buoys and an intact trap by 14:30 EDT.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale had two lobster style buoys at the end of 150 feet of line trailing behind the tail. Originally, the reporter believed that he saw net on the whale but a subsequent interview indicated he was observing the white flippers of the humpback. No other gear was seen.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>8/02/06</p> <ul style="list-style-type: none"> <li>Approximately 200 feet of line anchored in the mouth and trailing out both sides. The left side extended over 100 feet beyond the tail terminating to 2 buoys, a bullet buoy and high-flyer system. The line trailing the right side terminated to an intact trap. Initially the trap wasn't visible but was most likely pulled to the surface by initial drag added by the disentanglement team.</li> </ul>

**C. DIAGRAM OF ENTANGLING GEAR ON WHALE**



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

Sighting prior to entanglement

Yes – consult PCCS

Re-sightings **POST-ENTANGLEMENT**

None

Life History Information

Sub-adult

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E13 - 06		
Field No.	J 080206 hw	Date 1 <sup>st</sup> Observed	8/2/06
Location 1 <sup>st</sup> Observed	9 nm WNW of Race Point, Cape Cod, MA 42° 6.7' N, 70° 25.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Mosquito	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/2/06	Gear Retrieved By	PCCS
Date Gear Received	8/4/06	Received From	PCCS
Sources:	USCG	Date Set	7/30/06
	PCCS	Date Lost	8/3/06 realized lost
	Fisherman	Owner Interview	Location 6 nm NNW of Race Pt in federal waters
	Other	Depth	Approximately 90 feet
		Bottom Type	Gravel & sand on mud edge
Gear Type:	Lobster trap	Target Species:	Lobster

Gear Description: The gear recovered included a 2 buoy surface system attached to a 3/8" buoy line. Each buoy is attached with a weak link meeting the requirements of the ALWTRP. The buoy line was made up of two lengths of sink rope, 85 feet & 55 feet. The buoy line attaches to 23 foot section of 3/8" sinking groundline that appears to have parted off from the rest of the trawl. One gangion is attached to the recovered portion of the groundline and has the remnants of the trap bridle. A 15" x 21" x 48" double parlor wire trap was recovered.

Comments: The gear was set as a 20 trap trawl with 85 feet of 3/8" dia. sink rope between traps. Each end is marked with one 8" x 14" hard foam buoy with a 5 foot wooden spindle and one 8" x 14" hard foam buoy on a 10 foot plastic pole having three flags acting as a high flyer. The owner set the gear 7/30/06 and found one endline and one trap missing when he returned to haul the gear on 8/3/06.

Conclusions: Entanglement occurred in lobster gear that was set in federal waters. Based on observations of the disentanglement team the bottom portion of the endline was through the whale's mouth with a single trap trailing partway back on the right side of the whale and the remainder of the endline and surface system trailing from the left side. The owner recovered 19 of the 20 trap trawl that was set 3 days prior to the disentanglement.

Report By:	John F. Kenney	Date:	11/21/06	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E14-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	8/5/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 6 NM southeast of Seguin Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 38.76'N 69° 39.14'W
Event Description	8/05/06 <ul style="list-style-type: none"> <li>Commercial tuna fisherman reported seeing the whale breach numerous times with a six foot piece of line hanging from the mouth. No other wraps or trailer gear was noticed.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	6 foot piece of line hanging from the mouth.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E14 - 06		
Field No.	J 080506 hw	Date 1 <sup>st</sup> Observed	8/5/06
Location 1 <sup>st</sup> Observed	6 nm southeast of Seguin Island, ME 43° 38.7' N 69° 39.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	PCCS	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:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E15-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Entangled
Date 1st Observed Entangled	8/6/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 100 NM east of Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 39.57'N 67° 37.23'W
Event Description	<p>8/6/06</p> <ul style="list-style-type: none"> <li>• NMFS SAS aerial platform located the whale and reported to ALWDN.</li> <li>• Whale was thought to be anchored.</li> <li>• Later in the afternoon an USCG Falcon jet searched the area and was unable to relocate the animal.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Four wraps of line around the head with a trap pinned against the right side of the head/mouth and a large polyball near the whale's back.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>Thick line, believed to be greater than ½", wraps the mouth/head at least five times, with at least one line entering the mouth and cutting in to the up jaw severely. Pinned against the head and mouth was an intact trap. One loop of line leading from the head entangles the right flipper.</p> <p>Another loop of line running from the head entangles the left flipper which was in close proximity of a large orange polyball. Beneath the surface partially under the animal could be seen a high flyer with radar reflector, red flag and a bullet buoy.</p>
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Scuffing/trauma around the head and mouth area

Sighting prior to entanglement	Could not determine
Re-sightings <b>POST-ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced serious injury

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## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E15 - 06		
Field No.	J 080606 hw	Date 1 <sup>st</sup> Observed	8/6/06
Location 1 <sup>st</sup> Observed	100 nm east of Cape Cod, MA 41° 39.5' N 67° 37.2 'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E16-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	8/09/06
Species	Finback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	3.5 NM southeast of Seguin Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 00.05'N 69° 41.67'W
Event Description	8/09/06 <ul style="list-style-type: none"> <li>Whale watch vessel spotted a small finback whale with a lime green bullet buoy submerging every time the whale dove. Animal was only seen for two surfacings.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Lime green bullet buoy trailing and submerging every time whale dove.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E16 - 06		
Field No.	J 080906 fw	Date 1 <sup>st</sup> Observed	8/9/06
Location 1 <sup>st</sup> Observed	3.5 nm southeast of Seguin Island, ME 43° 0.0 'N 69° 41.6 'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	PCCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered		Target Species:
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>			
<u>Comments:</u>			
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>			
Report By:	John F. Kenney	Date:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E17-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	8/16/06
Species	Right
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Bay of Fundy, 9 NM southwest of Brier Island, Nova Scotia
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 10.35'N 66° 35.10'W (approximation)
Event Description	8/16/06 <ul style="list-style-type: none"> <li>Canadian whale watch vessel spotted entangled whale with a line around the flukes and reported it to Canadian DFO.</li> <li>NEAq and NMFS SAS were unable to relocate the animal.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was reported to have line around the flukes.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E17 - 06		
Field No.	J 081606 rw	Date 1 <sup>st</sup> Observed	8/16/06
Location 1 <sup>st</sup> Observed	9 nm southwest of Brier Island, Nova Scotia, BOF 44°10.4' N 66° 35.1 'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E18-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	8/20/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 110 NM east of Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 0'N 67° 45'W (approximation)
Event Description	8/20/06 <ul style="list-style-type: none"> <li>A tuna spotting pilot reports an deceased humpback whale with tail bent to a vertical position</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	8/22/06 <ul style="list-style-type: none"> <li>Photo analysis shows a line exiting the mouth and passing under the right flipper. It was thought the tail was involved in the entanglement based on the orientation of the tail stock to the body</li> </ul>
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Deceased, fresh carcass
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	None - mortality
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E18 - 06		
Field No.	J 082006 hw	Date 1 <sup>st</sup> Observed	8/20/06
Location 1 <sup>st</sup> Observed	110 nm east of Cape Cod, MA 42° 0' N 67° 45' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>    							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E19-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	8/22/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	7 NM north of Mount Desert Rock, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 04.8'N 68° 06.9'W
Event Description	<p>8/22/06</p> <ul style="list-style-type: none"> <li>A whale watch vessel reported an entangled whale to the USCG which relayed the report to the ME DMR. No response was made due to time of day.</li> </ul> <p>8/23/06</p> <ul style="list-style-type: none"> <li>Whale watch vessel did not relocate the whale.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was reported as having two buoys trailing about 10 feet beyond the tail.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>8/22/06</p> <ul style="list-style-type: none"> <li>Photo analysis showed a line trailing over the back and two buoys – one all white and the other white buoy with blue top and a pink spindle.</li> </ul>
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown



## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E19 - 06		
Field No.	J 082206mw	Date 1 <sup>st</sup> Observed	8/22/06
Location 1 <sup>st</sup> Observed	7 nm north of Mount Desert Rock, ME 44° 4.8' N 68° 6.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	PCCS	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:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E20-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	8/23/06
Species	Humpback
Individual ID	Istar
Location <b>1st OBSERVED ENTANGLED</b>	6 NM north Race Point, Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 09.6'N 70° 15.37'W (approximation)
Event Description	8/23/06 <ul style="list-style-type: none"> <li>Whale watch vessels reported a humpback whale trailing monofilament line from both fluke tips.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Monofilament line trailing from both fluke tips, point of attachment was unknown.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Yes – contact PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Yes – contact PCCS
Life History Information	Adult
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E20 - 06		
Field No.	J 082306hw	Date 1 <sup>st</sup> Observed	8/23/06
Location 1 <sup>st</sup> Observed	6 nm north Race Point, Cape Cod, MA 42° 9.6' N 70° 15.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Istar	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E21-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	8/23/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	5 NM south southeast of Seguin Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 38.4'N 69° 41.0'W
Event Description	8/23/06 <ul style="list-style-type: none"> <li>• Fisherman called ME DMR to report a whale in his gear.</li> <li>• MMP responded aboard the P/V <i>Monitor</i> and worked with fisherman to haul the traps and remove all gear from the animal except for small 2-3 foot piece of line hanging from the mouth. Gear returned to the fisherman.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale anchored in lobster gear.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Some line was in the mouth and from photo of recovered gear it appears two types of line were involved with 2 bullet buoys – one red with a blue stick and one all white.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E21 - 06		
Field No.	J 082306 mw	Date 1 <sup>st</sup> Observed	8/23/06
Location 1 <sup>st</sup> Observed	5 nm south southeast of Seguin Island, ME 43° 38.4' N, 69° 41.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/23/06	Gear Retrieved By	MMP, fisherman
Date Gear Received		Received From	MMP
Sources:	USCG		Date Set
	PCCS		Date Lost
	Fisherman	Owner Interview	Location
	Other		Depth
		Bottom Type	
Gear Type:	Lobster trap	Target Species:	Lobster

Gear Description: The recovered gear is the surface system consisting of two bullet buoys, one on a PVC stick and the other used a toggle. The 2 buoys are separated by 6 fathoms of 3/8" sink rope. There was 15 fathoms of sink rope below the toggle which tied into a 6 fathom length of 3/8" float rope ending with a cut end.

Comments: The following description of this gear was provided by the owner during an interview:

Two traps fished on one buoy line. Buoy line is 1/2 sink and 1/2 float with the sink line reaching the surface and the float line ending at the attachment to the ground line. The ground line is float rope and is 7 to 8 fathoms in length. All line is 3/8ths diameter. A small surface buoy is used approximately 6" by 11" in size and a toggle acting as a sub-surface tide buoy is used approximately 5" by 10" in size.

Conclusions: Entanglement occurred in lobster gear.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E22-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	8/23/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	Approximately 7 NM southeast of Bar Harbor, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 14.942'N 68° 04.838'W (approximation)
Event Description	<p>8/23/06</p> <ul style="list-style-type: none"> <li>Whale watch vessel contacted ME DMR and stood by until MMP arrived aboard the P/V <i>Dirigo</i>.</li> <li>Whale appeared to have labored breathing. Two poly balls were attached and multiple attempts to haul the gear to better assess the entanglement.</li> <li>As they were hauling the gear the whale dove and was observed rolling over completely. Multiple cuts were made and some disentanglement equipment was lost.</li> <li>Whale was seen swimming away gear free.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Based on photographs, two types of lines, red and light colored, were involved with a yellowish bullet buoy with a middle green stripe. It is unknown how the whale was entangled.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine

Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

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## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E22-06		
Field No.	J 082306 mw2	Date 1 <sup>st</sup> Observed	8/23/06
Location 1 <sup>st</sup> Observed	Mt. Desert Rock area, Maine	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:				Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear received.</p>							
<u>Comments:</u>    							
<u>Conclusions:</u> <p style="text-align: center;">No gear received.</p>							
Report By:	John F. Kenney	Date:	3/9/09	Current Location of Gear	N.A.		

NMFS No.	E23-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free, but prognosis is poor
Date 1st Observed Entangled	8/23/06
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	22 NM southeast of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 32.00'N 69° 29.00'W (approximation)
Event Description	<p>8/23/06</p> <ul style="list-style-type: none"> <li>• Aerial fish-spotter reported a possible entangled humpback to the ALWDN. Whale appeared to have multiple wraps around the tail with buoys, traps and approximately 100 feet of line trailing.</li> <li>• PCCS disentanglement team arrived at reported location and with the assistance of the same aerial spotter the animal was located 5 NM miles to the east.</li> <li>• Whale was found emaciated, pale skin condition, swimming with its flippers and in general poor health. Lines severely embedded in the tail stock cutting off all circulation and nearly severing the tail. Tip of tail stock and complete fluke were decaying and had no rigidity.</li> <li>• Whale was wrapped twice around the tail stock with a battered trap nearby on the trailing line. It is thought the aerial spotter confused the white decaying tail as buoys and traps.</li> <li>• PCCS added some buoys to aid in the floatation of the single battered trap. Once that pressure was relieved the whale stopped swimming and disentanglement team cut 2 lines embedded in the tail but did not pull them free. Trailing gear and trap were recovered.</li> <li>• During the event small pieces of the decaying flesh were detaching.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale appeared to have multiple wraps around the tail with buoys, traps and approximately 100 feet of line trailing.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Whale was wrapped twice around the tail stock with a battered trap nearby on the trailing line. It is thought the aerial spotter confused the

**C. DIAGRAM OF ENTANGLING GEAR ON WHALE**

white decaying tail as buoys and traps.



Description of Wounds/**CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

Whale was found emaciated, pale skin condition, swimming with its flippers and in general poor health. Lines severely embedded in the tail stock cutting off all circulation and nearly severing the tail. Tip of tail stock and complete fluke were decaying and had no rigidity.

Sighting prior to entanglement

None

Re-sightings **POST-ENTANGLEMENT**

None

Life History Information

Unknown

**NMFS** Serious Injury/Mortality Determination

Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E23 - 06		
Field No.	J 082306 hw	Date 1 <sup>st</sup> Observed	8/23/06
Location 1 <sup>st</sup> Observed	22 nm southeast of Chatham, MA 41° 32' N, 69° 29' 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	8/23/06	Gear Retrieved By	PCCS
Date Gear Received	9/12/06	Received From	PCCS
Sources:	USCG	Date Set	
	PCCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown pot fishery	Target Species:	Unknown
<p><u>Gear Description:</u> Gear recovered includes part of a trap and 5/8" dia. groundline. The trap is constructed from 1.5" x 1.5" plastic coated wire mesh yellow in color with a concrete runner system on both sides and the end. The trap is attached to the groundline with a hollow braid nylon gangion connected to a plastic 'dog bone' type swivel that is attached to the trap's 5/8" dia. bridle. Distance between gangions is approximately 20 fathoms.</p>			
<p><u>Comments:</u> No identification was found in the trap</p>			
<p><u>Conclusions:</u> There is not enough of the trap to make a determination of gear type although the gangions indicate it was rigged as a trawl.</p>			
Report By:	John F. Kenney	Date:	3/9/07
		Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI

NMFS No.	E24-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	8/26/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	.5 NM east of Great Duck Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 09.73'N 68° 13.7'W
Event Description	<p>8/26/06</p> <ul style="list-style-type: none"> <li>ALWDN network member aboard a private vessel reported an entangled minke whale to USCG Southwest Harbor, ME.</li> <li>USCG contacted PCCS who contacted the Maine State Police who contacted the Maine Marine Patrol to coordinate a response. Reporting vessel agreed to stand by until MMP vessel <i>Dirigo</i> arrived.</li> <li>MMP disentangled the whale and recovered the gear.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Photo analysis and brief interview indicated the animal was entangled around the tail stock at the minimum with 4 different lobster buoys and 7 traps.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine

Re-sightings <b>POST-ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E24 - 06		
Field No.	J 082606 mw	Date 1 <sup>st</sup> Observed	8/26/06
Location 1 <sup>st</sup> Observed	0.5 nm east of Great Duck Island, ME 42° 9.7' N, 68° 13.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/26/06	Gear Retrieved By	MMP
Date Gear Received		Received From	MMP
Sources:	USCG		Date Set
	PCCS		Date Lost
	Fisherman	2 Owner Interviews	Location
	Other		Depth
		Bottom Type	
Gear Type:	lobster trap	Target Species:	lobster
<p><u>Gear Description:</u> Two surface buoys and toggles. Weak links were incorporated into the gear as appropriate.</p>			
<p><u>Comments:</u> The following descriptions of this gear were provided by the owners during interviews:</p> <p>G1: Two traps fished on one buoy line. Buoy line is ½ sink and ½ float with the sink line reaching the surface and the float line ending at the attachment to the ground line. The ground line is float rope and is 8 to 10 fathoms in length. All line is 3/8ths diameter. A small surface buoy is used approximately 7" by 14" in size and a toggle acting as a sub-surface tide buoy is used approximately 4" by 9" in size and is tied into the buoy line 8 fathoms below the surface buoy.</p> <p>G2: Single trap rigged to one buoy line. Buoy line is ½ sink and ½ float with the sink line reaching the surface and fastened to a small surface buoy approximately 6" by 14" in size. Below the surface, at approximately 6 fathoms, there is a toggle tied into the buoy line acting as a tide buoy and is approximately 5" by 11" in size. All line is 3/8ths in diameter. There is no ground line in a single trap set up.</p>			

Conclusions: The entanglement occurred in the endlines of 2 different sets of gear.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E25-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	8/29/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	1.8 NM south of West Quoddy Head Light of Lubec, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 47.2'N 66° 57.6'W
Event Description	<p>8/29/06</p> <ul style="list-style-type: none"> <li>Private citizen overhead fishermen talking about a dead minke whale anchored in lobster gear with its rostrum sticking out of the water. Report was relayed to Cobscook Bay Resource Center in Eastport, ME who then contacted COA.</li> <li>NEAq staff tried to locate the animal from shore, but overheard another vessel reporting the entanglement to Fundy traffic.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Nothing noted besides being anchored.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	None - mortality
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E25 - 06		
Field No.	J 082906 mw	Date 1 <sup>st</sup> Observed	
Location 1 <sup>st</sup> Observed	1.8nm S. of West Quoddy Head Light of Lubec, ME 44° 47.2' N 66° 57.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By			
Date Gear Received		Received From			
Sources:	USCG	Date Set			
	PCCS	Date Lost			
	Fisherman	Location			
	Other	Depth			
		Bottom Type			
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>					
<u>Comments:</u>					
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>					
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.

NMFS No.	E26-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	9/6/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	78 NM east of Cape Cod, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 03.54'N 68° 15.56'W
Event Description	<p>9/06/06</p> <ul style="list-style-type: none"> <li>• Fish spotter located a deceased entangled whale and reported it to PCCS.</li> <li>• PCCS R/V <i>Shearwater</i> was in the area but unable to relocate the animal due to heavy fog.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Deceased and entangled with sharks feeding mostly on the tail.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Confirmation cannot be made as carcass was not relocated.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	The carcass is not fresh and shows evidence of sun damage.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	None - mortality
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced mortality

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E26 - 06		
Field No.	J 090606 hw	Date 1 <sup>st</sup> Observed	9/6/06
Location 1 <sup>st</sup> Observed	78 nm east of Cape Cod, MA 42° 03.5 'N 68° 15.6 'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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	
	PCCS	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:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E27-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	9/11/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	1 NM north of Fish Head, Grand Manan Island, New Brunswick
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 48'N 66° 45'W (approximately)
Event Description	<p>9/11/06</p> <ul style="list-style-type: none"> <li>• The ferry <i>Grand Manan</i> reported to Fundy Traffic a humpback whale apparently anchored in gear.</li> <li>• A local resident overheard the conversation on VHF and contacted GMWSS which notified CWR.</li> <li>• Crew of GMWSS, CWR, GA DNR (up in the area for training) and a local fishing vessel (under authority of local officials to haul the gear as owner was in hospital and unavailable) responded to find the animal anchored in a 25 crab pot trawl.</li> <li>• After consulting with PCCS about a course of action, even though light was quickly fading, it was determined that a rescue would be undertaken instead of a telemetry attachment. It was thought the whale would not survive the night given its difficulty to breath, heavy gear, and with a high tide of 27 feet expected overnight.</li> <li>• Working mostly after dark the CWR team and a local fisherman hauled the gear and made several cuts including removing one pot just underneath the animal. As the whale came within 200 feet of the fishing vessel it rolled and then dove. The animal was not resighted again but a soft whale exhalation was heard nearby. Minutes later a louder whale exhalation was heard approximately a quarter mile away. Complete darkness didn't allow the team to track the animal post-event.</li> <li>• The local fisherman hauled the remaining gear and recovered 24 pots and associated line. These pots including the one the CWR cut and recovered lead the team to believe the whale was gear free.</li> <li>• Later it was determined all gear was recovered and accounted for.</li> </ul>

**Description of Gear on Whale AS REPORTED**

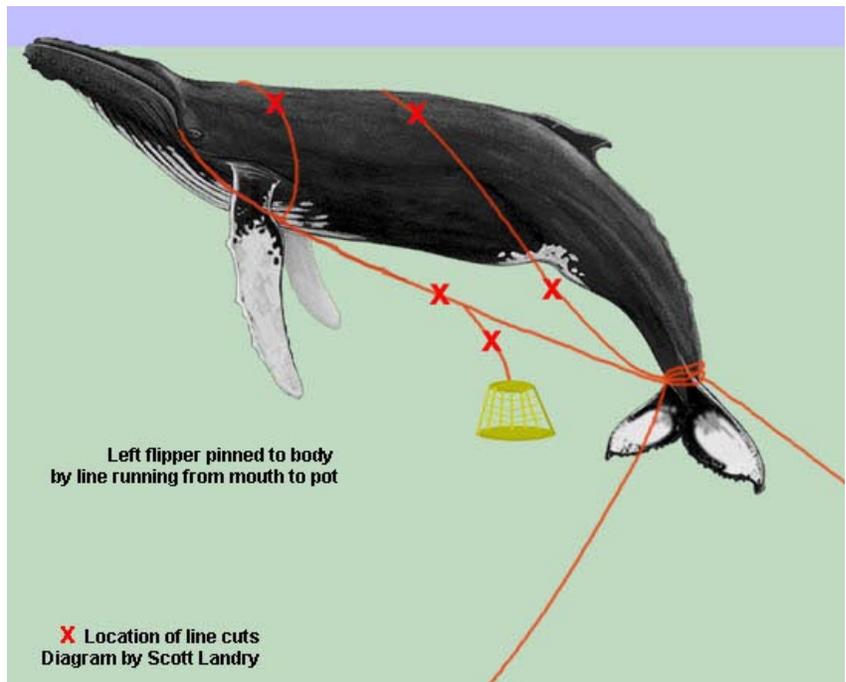
**A. DURING INITIAL SIGHTING**

Nothing noted besides being anchored and next to three polyballs.

**B. SUBSEQUENT DESCRIPTIONS**

Two taught body wraps were only visible at the surface as the animal barely broke the water when breathing. Upon using a snorkel and mask it was determined a line exited the left side of the mouth leading to the tail. This line coupled with one of the taught lines on the back effectively pinned the left flipper to the body. Both body lines and the mouth line lead to the tailstock which was wrapped multiple times. The tail stock had two lines heading in opposite directions towards the bottom. The right flipper appeared to be free but low light conditions made it difficult to assess. The constrictions of the body/mouth lines to the tail effectively "hog-tied" the whale in position.

**C. DIAGRAM OF ENTANGLING GEAR ON WHALE**



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

Shallow red abrasion about 2-3 feet long and 1-2 inches wide behind the dorsal fin. Blood was occasionally seen in the water in the vicinity of this wound.

Sighting prior to entanglement

Could not determine

Re-sightings **POST-ENTANGLEMENT**

Could not determine

Life History Information

Unknown

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E27 - 06		
Field No.	J 091106 hw	Date 1 <sup>st</sup> Observed	9/11/06
Location 1 <sup>st</sup> Observed	1 nm north of Fish Head, Grand Manan Island, NB 44° 48' N, 66° 45' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	9/11/06	Gear Retrieved By	GMWSRS, fishermen, CWR, NEAq, GADNR
Date Gear Received		Received From	CWR
Sources:	USCG	Date Set	
	PCCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	crab traps	Target Species:	crab

Gear Description: Disentanglers describe the gear as 25 pot trawl of crab pots. A 15 foot section of ground line was provided to NMFS by CWR. It is 5/8" diameter poly.

Comments: Disentanglers report that the entanglement was in the floating ground line and not in the endlines.

Conclusions: The entanglement occurred in the floating groundline of a 25 pot trawl of crab gear.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E28-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	9/16/06
Species	Sei
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	24 NM East of Isles of Shoals, Gulf of Maine
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 58.7'N 70° 03.3'W
Event Description	9/16/06 <ul style="list-style-type: none"> <li>Whale watch vessel reported a single tight line behind the blowholes that had broken the skin. No other gear was observed.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Tight line breaking the skin behind the blowholes.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Line had begun to embed in the skin/blubber.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E28 - 06		
Field No.	J 091606 sw	Date 1 <sup>st</sup> Observed	9/16/06
Location 1 <sup>st</sup> Observed	24 nm East of Isles of Shoals, Gulf of Maine 42° 58.7 'N 70° 03.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Sei	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E29-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	9/17/06
Species	Finback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	65 NM South of Mt. Desert Rock, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 53'N 68° 17'W
Event Description	8/29/06 <ul style="list-style-type: none"> <li>NMFS SAS team located and contacted ALWDN about a whale with embedded line around the tail stock and about one body length of red line trailing with two buoys.</li> <li>Due to distance offshore and time of day no response was made.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Loop of line around the tail stock with about one body length of line ending with two buoys.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Line around the tail stock was embedded on the dorsal side of the caudal peduncle and on the leading edge of the tail flukes near the insertion.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was emaciated with deep concave areas along the head and body. Pale patchy skin with what appeared to be cyanid coverage on the flukes and tail stock.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine

Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E29 - 06		
Field No.	J 091706 fw	Date 1 <sup>st</sup> Observed	9/17/06
Location 1 <sup>st</sup> Observed	65 nm south of Mt. Desert Rock, ME 42° 53' N 68° 17' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E30-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	9/17/06
Species	Right
Individual ID	# 1403
Location <b>1st OBSERVED ENTANGLED</b>	14 NM east of Grand Manan Island, Bay of Fundy
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 44.4'N 66° 24.5'W
Event Description	<p>9/17/06</p> <ul style="list-style-type: none"> <li>NEAq researchers spotted a right whale with line exiting the mouth, crossing over the rostrum and re-entering on the other side of the mouth. It was possible the line may have been embedded on the left side of the rostrum but the line was loose on the right side. No other body parts appeared to be involved. Whale was quickly lost despite search efforts by NEAq and CWR.</li> </ul> <p>8/12/07</p> <ul style="list-style-type: none"> <li>NEAq spotted a heavily scarred animal in the Bay of Fundy and matched it to the 9/17/06 sighting. No gear was noted on the whale but deep scars on the head and tail stock were observed.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Line exiting the mouth, crossing over the rostrum and re-entering on the other side of the mouth. It was possible the line may have been embedded on the left side of the rostrum but the line was loose on the right side.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>8/12/07</p> <ul style="list-style-type: none"> <li>Animal was seen gear free but with heavy scars on the head and tail stock.</li> </ul>
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Healthy and robust, recent abrasion trauma both dorsally and ventrally on the tail and peduncle.

<b>B. SUBSEQUENT DESCRIPTIONS</b>	Entanglement trauma appears to be healing with evidence of scars on head and tail.
Sighting prior to entanglement	5/24/06
Re-sightings <b>POST-ENTANGLEMENT</b>	8/12/07
Life History Information	Adult Male, approximately 40 feet in length
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E30 - 06		
Field No.	J 091706rw	Date 1 <sup>st</sup> Observed	
Location 1 <sup>st</sup> Observed	14 nm east of Grand Manan Island, BOF 44° 44.4' N 66° 24.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	# 1403	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E31-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown, possibly gear free
Date 1st Observed Entangled	9/25/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	3 NM north of Matinicus Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 55.31'N 68° 53.193'W
Event Description	<p>9/25/06</p> <ul style="list-style-type: none"> <li>• Private sailing vessel reported an anchored whale with two bullet buoys to the USCG which relayed the information to the ALWDN.</li> <li>• PCCS contacted a local fisherman who had received disentanglement training to respond as he was about 5 miles away from the location.</li> <li>• Another fishing vessel arrived and reported to the USCG that it was a minke whale and that it was struggling to breath and barely moving.</li> <li>• A short time later the trained fisherman arrived and proceeded to haul the gear. As he was bringing the tail close to the boat the line parted and the whale quickly swam off.</li> <li>• After tracking the animal it was seen to still have a white toggle buoy trailing behind the tail by a few fathoms. Unfortunately future disentanglement efforts were not possible due to the evasive animal.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was seriously impeded by weighted gear with two bullet buoys nearby
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Photo analysis indicates a severe cut on the rostrum from the entangling line and was now embedded.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	

Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Severe cut on the rostrum with the line still embedded.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST-ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E31-06		
Field No.	J 092506 mw	Date 1 <sup>st</sup> Observed	9/25/06
Location 1 <sup>st</sup> Observed	3 nm north of Matinicus Island, ME 43° 55.3'N 68° 53.2'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:				Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear received.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear received.</p>							
Report By:	John F. Kenney	Date:	3/9/09	Current Location of Gear	N.A.		

NMFS No.	E32-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	9/27/06
Species	Right
Individual ID	# 3610
Location <b>1st OBSERVED ENTANGLED</b>	17.5 NM southeast of Swallowtail, Grand Manan, New Brunswick
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 40.48'N 66° 20.47'W
Event Description	<p>9/27/06</p> <ul style="list-style-type: none"> <li>• NEAq R/V <i>Nereid</i> spotted a right whale with line over the back emanating from the mouth or flippers. Orange and green line was draped over the tail but did not entangle it. No trailing line was seen and the whale was lost due to 10 minute dives and 30+ whales in the area.</li> <li>• CWR team was unable to respond due to vessel being out of commission.</li> <li>• NEAq continued to search for the whale and was prepared to attach a telemetry buoy.</li> <li>• Photo analysis indicates there was very little gear trailing and the line over the back originated from the left corner of the mouth and possibly goes to the right flipper. The line on the back appears orange on the left and seems to merge to green on the right. Green line seemed frayed and wrapped in the orange line some of the time.</li> </ul> <p>9/28/06</p> <ul style="list-style-type: none"> <li>• Whale was relocated again by NEAq and CWR (aboard NEAq boat) and despite three NEAq vessels and a Canadian DFO plane the whale was understandably lost among 100+ right whales in the area.</li> </ul> <p>1/15/07</p> <ul style="list-style-type: none"> <li>• Animal was resighted still entangled off Brunswick, GA at 31° 06.826'N and 81° 11.959'W by aerial survey team contracted by NOAA Fisheries Southeast.</li> <li>• GA DNR responded to document the animal.</li> <li>• The gear observed was drastically different than the first sighting with a complete orange loop of line emanating from the mouth leading to a single trailing line beyond the tail. Numerous gray gangions were attached to the main line with</li> </ul>

	<p>brass swivels and had rusty hooks with many of the tips broken.</p> <ul style="list-style-type: none"> <li>• After consulting with PCCS the GA DNR team attached a telemetry buoy to allow for further assessments and removed a small section of gear for analysis.</li> <li>• It was unclear if the entanglement was immediately life threatening.</li> </ul> <p>1/21/07</p> <ul style="list-style-type: none"> <li>• Poor weather conditions force cancellation of all attempts to reach the animal at sea.</li> <li>• NOAA Fisheries and other whale health experts state the animal was declining in health and suggested that all gear be removed.</li> </ul> <p>1/24/07</p> <ul style="list-style-type: none"> <li>• Members from PCCS, NOAA Fisheries, VMSM and UNC–W take advantage of favorable weather and head out to the projected location based on the telemetry.</li> <li>• Numerous poly balls and a sea drogue were added. While this had an effect on the animal's forward movement. The 40 feet of water prevented the buoyancy from keeping the whale on the surface.</li> <li>• Whale was traveling at a slow pace but just below the surface.</li> <li>• After repeated attempts to cut the loop across the back and failing daylight. It was determined that removing as much gear as possible was the best course of action. Trailing line as cut forward of the flukes.</li> </ul> <p>4/26/07</p> <ul style="list-style-type: none"> <li>• Whale was documented to be gear free by PCCS/MA DMF aerial team.</li> </ul>
<p>Description of Gear on Whale <b>AS REPORTED</b></p>	
<p><b>A. DURING INITIAL SIGHTING</b></p>	<p>Orange/green line leading from the mouth or flippers, no trailing gear was seen</p>
<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p>	<p>Orange line was leading from both sides of the mouth forming a loose loop of line across the back. A single line that turned green in color near the tail trailed behind the whale a sort distance. Small grey gangions were attached to the main line using brass swivels with ended in rusty blunt hooks.</p>
<p><b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b></p>	
<p>Description of Wounds/<b>CONDITION</b></p>	
<p><b>A. DURING INITIAL SIGHTING</b></p>	<p>None noted</p>
<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p>	<p>None noted</p>
<p>Sighting prior to entanglement</p>	<p>2/15/06</p>

Re-sightings **POST-ENTANGLEMENT**

4/26/07

Life History Information

Sub-adult, unknown sex, estimated 34 feet

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

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## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E32 - 06		
Field No.	J 092706 rw	Date 1 <sup>st</sup> Observed	9/27/06
Location 1 <sup>st</sup> Observed	17nm E. of Grand Manan I. New Brunswick, CA 44° 40' N, 66° 20' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation, Partial Disentanglement
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	# 3610	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	Jan. 15 & 24, 2007	Gear Retrieved By	NMFS SE & PCCS
Date Gear Received	Jan. 29 & 30, 2007	Received From	NMFS SE & PCCS
Sources: USCG		Date Set	
PCCS		Date Lost	
Fisherman	Industry members	Location	
Other		Depth	
		Bottom Type	
Gear Type:	Longline, tub trawl	Target Species:	Groundfish

Gear Description: A total of approximately 75 feet of 5/16" diameter hard lay poly mainline was recovered through disentanglement efforts. Approximately 59 feet was orange and the remainder green with a single black tracer. Gangions were tied into the mainline and spaced at intervals of about 8 feet. Gangion material was braided nylon with typical lengths of 8 to 12 inches. One of the gangions on the green mainline was 28 inches long and had a brass swivel 14 inches from the hook. Three hooks in very poor condition are attached. Hook size is approximately an 8/0 Mustad.

Comments:

Conclusions:

What was recovered is a portion of a groundfish tub trawl or longline.

Report By:	John F. Kenney	Date:	2/6/07 2/21/09	Current Location of Gear	NMFS Allen Harbor Field Station
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NMFS No.	E33-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	9/27/06
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	40 NM east southeast of Cape May, NJ
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	38° 43.33'N 74° 04.17'W
Event Description	9/27/06 <ul style="list-style-type: none"> <li>Head boat attempted to report the entangled whale to MMSC but was unable to connect. Days later, they sent an email to MMSC about the incident which was forwarded to NMFS.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Tight line leading from the mouth over head. A yellow object, possibly a buoy, was attached to the line near the left head. It was possible the line over the neck may have been already embedded.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	No blood noted, but it appeared the line over the neck was partially embedded.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	None
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E33 - 06		
Field No.	J 092706hw	Date 1 <sup>st</sup> Observed	9/27/06
Location 1 <sup>st</sup> Observed	40 nm east southeast of Cape May, NJ 38° 43.3 'N 74° 4.2 '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	
	PCCS	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:	2/21/09
		Current Location of Gear	N.A.

NMFS No.	E34-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Gear free
Date 1st Observed Entangled	9/28/06
Species	Minke
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	2.5 NM southeast of Head Harbor Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 27.77'N 67° 28.29'W
Event Description	<p>9/28/06</p> <ul style="list-style-type: none"> <li>Commercial fisherman reported an entangled whale described as a small finback with line in the mouth to USCG which relayed the message through COA then to the ALWDN.</li> <li>Maine Marine Patrol responded and confirmed it was an entangled minke whale.</li> <li>With the assistance of the reporting fisherman the whale was completely disentangled.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Entangled by the mouth apparently in the endline of a lobster trawl. Whale was trying to drag the gear in an attempt to free itself.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Whale had a single pass of the endline in the mouth of a 4 pot trawl. Endlinks were on the two buoys associated with the gear. After whale was disentangled the gear was reset.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine



## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E34 - 06		
Field No.	J 092606 mw	Date 1 <sup>st</sup> Observed	9/28/06
Location 1 <sup>st</sup> Observed	2.5 nm southeast of Head Harbor Island, ME 44° 27.8' N, 67° 28.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	9/28/06	Gear Retrieved By	Maine Marine Patrol
Date Gear Received		Received From	
Sources:	USCG		Date Set
	PCCS		Date Lost
	Fisherman		Location
	Other	MMP	Depth
			Bottom Type
Gear Type:	Lobster pot	Target Species:	Lobster

Gear Description: Gear consisted of a 4 pot lobster trawl. Weak links were present at the buoys.

Comments: The disentanglement was conducted by the Maine Marine Patrol. The entanglement was described as a single pass of the buoy line through the mouth.

Conclusions: The entanglement occurred in the endline of a 4 pot lobster trawl.

Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	NMFS, Allen Harbor Field Station, N. Kingstown, RI
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NMFS No.	E35-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	10/15/06
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	10 NM east of Fenwick Island lighthouse, DE
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	38° 27.7'N 74° 49.9'W (approximate)
Event Description	<p>10/15/06</p> <ul style="list-style-type: none"> <li>Recreational boater reported dead whale to USCG who contacted MERR.</li> </ul> <p>10/18/06 and 10/19/06</p> <ul style="list-style-type: none"> <li>Carcass landed at Cape Penelop, DE. A full necropsy team was deployed to investigate and collect samples. Animal was in an advanced state of decomposition and confirmed to be a humpback.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None Noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	24" laceration that penetrated through the flesh on the rostrum. Rostrum bone was fractured on both sides essentially shattering the bone in the area. Right flipper had 2 or more linear depressions wrapping around the flipper. Evidence from the trauma led to the conclusion that they were caused by a previous entanglement. Bone had similar linear marks and hemorrhaging.
Sighting prior to entanglement	None

Re-sightings <b>POST-ENTANGLEMENT</b>	None - mortality
Life History Information	Sub-adult female
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced mortality – primary cause ship strike, secondary cause entanglement, see SS11-06

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E35 - 06		
Field No.	J 101506 hw	Date 1 <sup>st</sup> Observed	10/15/06
Location 1 <sup>st</sup> Observed	10 nm east of Fenwick Island lighthouse, DE 38° 27.7' N 74° 49.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E36-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Unknown
Date 1st Observed Entangled	10/22/06
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	.5 NM north of Long Eddy Point, Grand Manan Island, New Brunswick
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 48.2'N 66° 47.0'W
Event Description	10/22/06 <ul style="list-style-type: none"> <li>Commercial fisherman reported entangled humpback whale to CWR who was unable to relocate the animal due to wind and heavy rain.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Wrapped in net and trailing a poly ball
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
Sighting prior to entanglement	Could not determine
Re-sightings <b>POST- ENTANGLEMENT</b>	Could not determine
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E36 - 06		
Field No.	J 102206 hw	Date 1 <sup>st</sup> Observed	10/22/06
Location 1 <sup>st</sup> Observed	.5 nm north of Long Eddy Pt, Grand Manan I., NB 44° 48.2' N 66° 47.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Could not determine	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>   							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

NMFS No.	E37-06
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	12/15/06
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	Masonboro Island, NC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	34° 8.65'N 77° 50.32'W
Event Description	<p>12/15/06</p> <ul style="list-style-type: none"> <li>Local police received a report of a stranded whale from a helicopter pilot of local air traffic control late in the day.</li> </ul> <p>12/16/06</p> <ul style="list-style-type: none"> <li>USCG went out to investigate with NMFS and UNC-W staff. Animal was found to be a carcass with no obvious external indication of a shipstrike or fishing gear present.</li> <li>Carcass was in advanced state of decomposition and showed entanglement scarring along the left peduncle, left fluke blade and fluke insertion.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Carcass was in advanced stage of decomposition in surf zone. Wave action had disrupted the carcass causing some bones to shift with the waves. Entanglement scarring along the left peduncle, left fluke blade and fluke insertion.
Sighting prior to entanglement	None

Re-sightings <b>POST-ENTANGLEMENT</b>	None - mortality
Life History Information	Sub-adult female, 8.5m in length
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

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## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E37 - 06		
Field No.	J 121506 hw	Date 1 <sup>st</sup> Observed	12/15/06
Location 1 <sup>st</sup> Observed	Approx. 8 nm north of Carolina Beach, NC 34° 8.6 'N 77° 50.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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			
	PCCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown - no gear recovered		Target Species:			
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>							
<u>Comments:</u>  							
<u>Conclusions:</u> <p style="text-align: center;">No gear recovered.</p>							
Report By:	John F. Kenney	Date:	2/21/09	Current Location of Gear	N.A.		

## 2006 Ship Strikes

<b>NMFS No.</b>	SS01-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	Presumed alive, last seen in August 2008
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	1/8/06
<b>Species</b>	Right
<b>Individual ID</b>	3520
<b>Location 1st OBSERVED</b>	SEUS
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Right whale sighted with previously unknown prop scars. Whale sighted again on 3/24/06, photographed, and prop scars verified.
<b>Description of wounds/condition</b>	Scars healed
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	Unknown
<b>Re-sightings POST- STRIKE</b>	3/24/06, in Great South Channel
<b>Life History Information</b>	Female, about 18 months old at time scars observed
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused injury

<b>NMFS No.</b>	SS02-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	1/9/06
<b>Species</b>	Humpback
<b>Individual ID</b>	# 8667
<b>Location 1st OBSERVED</b>	Approx. 18 miles southeast of Charleston, SC
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	A whale carcass was sighted floating and later beached. Necropsy conducted, revealing fracture and hemorrhaging to the rib cage.
<b>Description of wounds/condition</b>	<p>Body condition poor with a strong odor. A white patch of skin was observed going from the right side of the peduncle diagonally across the ventral ridge to the insertion of the left fluke, suggestive of a previous entanglement. This wound appeared old as the wound was completely healed.</p> <p>Multiple fractures to ribs. These fractures cut completely through the ribs near the insertion to the vertebral column. Large pockets of black fluid were observed around fractures in the bone. The inside of the fractured ribs appeared hemorrhagic.</p>
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	1/9/06, dead, floating
<b>Life History Information</b>	Unknown, female, 13.96 m
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS03-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	1/10/06
<b>Species</b>	Right
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	Approx. 5 miles north of Mayport Jetty, Jacksonville, FL
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Fisherman reported floating dead right whale calf. Carcass towed ashore and necropsied, revealing propeller lacerations and hemorrhaging.
<b>Description of wounds/condition</b>	Flukes severed. 3 deep and one shallow propeller laceration. The caudal-most laceration removed the flukes. Hemorrhage associated with the lacerations.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	1/10/06, floating dead
<b>Life History Information</b>	Male, approx. 1 month old
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS04-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	Unknown
<b>Date of Strike</b>	1/21/06
<b>Date 1st Observed</b>	1/21/06
<b>Species</b>	Unknown, possible humpback
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	2 miles ENE of Dam Neck, Virginia Beach, VA
<b>Latitude/Longitude 1st OBSERVED</b>	36° 48'N 75° 55'W
<b>Location of strike</b>	Same as above
<b>Event Summary</b>	Recreational fishing vessel participating in a fishing tournament reported striking a whale while steaming back to port. The whale was seen rolling to the side after the strike, and the vessel suffered damage to the transom and left engine.
<b>Description of wounds/condition</b>	None noted by vessel captain; however, fisherman nearby reported seeing blood spurt into the air.
<b>Vessel Description</b>	Recreational fishing vessel
<b>A. Vessel Type</b>	
<b>B. Speed</b>	30-35 knots
<b>C. Size</b>	26 feet
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	None
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Unknown

<b>NMFS No.</b>	SS05-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive/injured
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	Unknown; has not been re-sighted since injury documented, determined to be serious injury
<b>Date of Strike</b>	Unknown; whale seen on 2/18/06 with no wounds
<b>Date 1st Observed</b>	3/11/06
<b>Species</b>	Right
<b>Individual ID</b>	3522
<b>Location 1st OBSERVED</b>	7 miles offshore of Cumberland Island, GA
<b>Latitude/Longitude 1st OBSERVED</b>	30° 49.3' N, 081° 16.7' W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Aerial survey team sighted a right whale with propeller marks described as "fairly new."
<b>Description of wounds/condition</b>	Fairly new prop cuts across back.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	2/18/06
<b>Re-sightings POST- STRIKE</b>	None
<b>Life History Information</b>	Male, born in 2005
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused serious injury

<b>NMFS No.</b>	SS06-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	3/17/06
<b>Species</b>	Humpback
<b>Individual ID</b>	# 0513
<b>Location 1st OBSERVED</b>	Virginia Beach, VA
<b>Latitude/Longitude 1st OBSERVED</b>	36° 50.25' N, 076° 0.18' W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Humpback whale discovered floating/stranded. Necropsy revealed evidence of blunt trauma.
<b>Description of wounds/condition</b>	Carcass in surf, moderately decomposed and bloated. Crushed cranium and fractured left mandible
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	Yes – contact PCCS
<b>Re-sightings POST- STRIKE</b>	N/A
<b>Life History Information</b>	Subadult female, born no later than 2003. 9.98 m
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS07-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	4/17/06
<b>Species</b>	Sei
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	Baltimore Harbor, MD
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown; previous port of call was Boston, MA
<b>Event Summary</b>	Whale discovered draped across bow of container ship upon entry to Baltimore Harbor. Crew did not note anything unusual prior to discovery of carcass, and did not feel vessel collide with anything. Carcass was removed and necropsied.
<b>Description of wounds/condition</b>	Large whale draped across bulbous bow of vessel. Described as fresh dead.  Massive hemorrhaging on right side, with fractured ribs.
<b>Vessel Description</b>	Container
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown at time of strike; Typical cruising speed – 21 knots
<b>C. Size</b>	246.5 m; 808.7 ft.; gross tonnage: 36,028
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	Whale draped across bow upon entry into Baltimore Harbor.
<b>Life History Information</b>	Sub-adult male; 10.9m.
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS08-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	Unknown
<b>Date of Strike</b>	7/7/06
<b>Date 1st Observed</b>	7/7/06
<b>Species</b>	Unknown
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	1.5 miles east of Cape Ann, MA
<b>Latitude/Longitude 1st OBSERVED</b>	42° 35.93' N, 070° 36.42' W
<b>Location of strike</b>	Same as above
<b>Event Summary</b>	Captain of private recreational vessel reported striking a whale. Saw whale emerge from water after collision, then submerge. Whale came back up one more time, and captain reported seeing an approx. 1 ft. x 1.5 ft. gash on its back.
<b>Description of wounds/condition</b>	1 ft. x 1.5 ft. red gash across back
<b>Vessel Description</b>	Private vessel
<b>A. Vessel Type</b>	
<b>B. Speed</b>	22 knots
<b>C. Size</b>	35 ft
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	Whale surfaced twice immediately after collision. Whale not seen or identified since.
<b>Life History Information</b>	Unknown; described as black in color and 20 ft long
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused injury

<b>NMFS No.</b>	SS09-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	7/24/06
<b>Species</b>	Right
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	~ 4 miles east of Northern Head, Grand Manan, NB, Canada
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown; from 1-7 day drift analysis, somewhere in channel between Grand Manan and Pt. Lepreau.
<b>Event Summary</b>	Carcass sighted by whale watch operator. Carcass towed, landed, and necropsied.
<b>Description of wounds/condition</b>	Code 3+, sloughing skin 13 propeller cuts from the right mid-thoracic region to the blowholes, lacerations in ribs, evidence of bleeding in deeper portions of wounds.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown; judging from size of prop cuts, not large vessel
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	Floating dead
<b>Life History Information</b>	Yearling calf, female 31' 5", 9.58 m
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS10-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	8/24/06
<b>Species</b>	Right
<b>Individual ID</b>	Could not determine
<b>Location 1st OBSERVED</b>	8 miles west of Yarmouth, Nova Scotia
<b>Latitude/Longitude 1st OBSERVED</b>	Unknown
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Carcass sighted, towed, and necropsied
<b>Description of wounds/condition</b>	Code 3 carcass, skin peeling. Red discoloration of dorsal blubber coat from blowhole to genital slit. Fractures in 7 vertebrae. Clots on fracture surface.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	Could not determine
<b>Re-sightings POST- STRIKE</b>	Floating dead, Yarmouth, Nova Scotia
<b>Life History Information</b>	Unknown female; 48 ft.
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike

<b>NMFS No.</b>	SS11-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	10/15/06
<b>Species</b>	Humpback
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	~ 12 miles off Fenwick Island, DE
<b>Latitude/Longitude 1st OBSERVED</b>	38° 27.70'N and 74° 49.90'W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Carcass sighted, landed, and necropsied
<b>Description of wounds/condition</b>	Severely decomposed. External laceration on rostrum penetrating to bone; shattered rostrum; linear depressions around right flipper, with identical markings on bone; evidence of previous entanglement.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	Floating dead, off of Fenwick Island, DE
<b>Life History Information</b>	Female; juvenile, 10.1m
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike; secondary cause of death = entanglement

<b>NMFS No.</b>	SS12-06
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS</b> (As of the date the NMFS Strike Report is completed)	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	12/30/06
<b>Species</b>	Right
<b>Individual ID</b>	#3508
<b>Location 1st OBSERVED</b>	Approx. 10 miles offshore of Brunswick, GA
<b>Latitude/Longitude 1st OBSERVED</b>	31 02N, 81 03W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Carcass sighted by aerial survey team, towed, and necropsied.
<b>Description of wounds/condition</b>	Code 3, significant internal decomposition, 20 z-shaped prop cuts along right side of head and back. Appearance of hemorrhage deep in cuts.
<b>Vessel Description</b>	Unknown
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	None
<b>Re-sightings POST- STRIKE</b>	Floating dead, offshore of Brunswick, GA
<b>Life History Information</b>	2-yr. old male, 12.6 m
<b>NMFS Serious Injury/Mortality Determination</b> (human-caused injury, serious injury, or mortality; other; unknown)	Human-caused mortality - primary cause of death = ship strike