

# 2008 Large Whale Entanglement and Ship Strike Report

*updated 20 July 2010*

**Prepared by  
David Morin, Kristen Koyama, John Kenney and Jamison  
Smith**

National Marine Fisheries Service  
Protected Resources Division  
55 Great Republic Drive  
Gloucester, MA 01930-2298

**Comments or Questions, please contact:**

Jamison Smith  
Large Whale Disentanglement Coordinator  
Email: [Jamison.Smith@NOAA.gov](mailto:Jamison.Smith@NOAA.gov)  
Phone: (978)281-9336

Kristen Koyama  
Ship Strike Coordinator  
Email: [Kristen.Koyama@NOAA.gov](mailto:Kristen.Koyama@NOAA.gov)  
Phone: (978) 282-8481

# 2008 Large Whale Entanglement and Ship Strike Report

Table 1. 2008 large whale entanglement reports for live entangled whales.

## Indication of Entanglement\* - Live Whales

	Yes	No	TOTAL
Right Whale	7	0	7
Humpback Whale	16	2	18
Finback Whale	1	0	1
Minke Whale	2	0	2
Sei Whale	1	0	1
Unknown	1	1	2
TOTAL	28	3	31

Table 2. 2008 large whale entanglement reports for dead stranded or floating dead whales.

## Indication of Entanglement\*- Dead Whales

	Yes	No	TOTAL
Right Whale	0	0	0
Humpback Whale	5	0	5
Finback Whale	1	0	1
Minke Whale	3	1	4
Sei Whale	0	0	0
Unknown	0	0	0
TOTAL	9	1	10

\* "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 National Marine Fisheries Service (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. 2008 large whale ship strike reports for live whales.

### Indication of Ship Strike\*

	Confirmed	Suspected	TOTAL
Right Whale	0	0	0
Humpback Whale	5	0	5
Fin Whale	1	0	1
Minke Whale	0	0	0
Sei Whale	0	0	0
Unknown	2	1	3
TOTAL	8	1	9

\* "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 done by the NOAA National Marine Fisheries Service Northeast Fisheries Science Center (NEFSC). All entanglement and ship strike cases may obtain new information outside of the production timeframe of this report which may alter any determination or status. Whales not deemed a serious injury or mortality by NEFSC are categorized as a human-induced injury or no gear interaction at all. The report "Mortality and Serious Injury Determinations for Baleen Whale Stocks along the United States and Canadian Eastern Seaboards, 2004-2008" can be downloaded at <http://www.nefsc.noaa.gov/publications/tm/tm214/>

### NOTE:

- Entanglement case information within this report has been compiled from numerous resources including U.S. and Canadian federal governments, U.S. state agencies and partners within the Atlantic Large Whale Disentanglement Network. The reports represent all known coast-wide large whale entanglement data, but should be considered a minimum number and not comprehensive.
- Ship strike cases are reported opportunistically to NOAA Fisheries Northeast Regional Office from US and Canadian Atlantic waters. The reports represent all known coast-wide large whale ship strike data, but should be considered a minimum number and not comprehensive.
- New England Aquarium and the Right Whale Consortium provided sighting and life-history information for North Atlantic right whales.
- Life-history and sighting information for Gulf of Maine humpback whales was provided by the Provincetown Center for Coastal Studies, with contributions from Blue Ocean Society, Brier Island Whale and Seabird Cruises and The Whale Center of New England. Please contact Jooke Robbins of PCCS for more information.
- Scott Landry of Provincetown Center for Coastal Studies supplied the entanglement diagrams.

Table 4. Key for acronyms used in this report

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

Table 5. Entanglement summary

Entanglement Report Number	Species	Date of Report	Gear Present	Gear Collected	Dead/Alive	Type of Gear
<a href="#">E01-08</a>	Humpback	1/7/2008	Yes	No	Alive	N/A
<a href="#">E02-08</a>	Humpback	1/10/2008	No	No	Alive	Hook and line
<a href="#">E03-08</a>	Right	1/12/2008	Yes	Yes	Alive	Unknown
<a href="#">E04-08</a>	Right	1/29/2008	Yes	No	Alive	N/A
<a href="#">E05-08</a>	Right	2/3/2008	Yes	No	Alive	N/A
<a href="#">E06-08</a>	Humpback	2/6/2008	Yes	No	Dead	N/A
<a href="#">E07-08</a>	Right	3/6/2008	Yes	Yes	Alive	Unknown
<a href="#">E08-08</a>	Sei	4/9/2008	Yes	No	Alive	N/A
<a href="#">E09-08</a>	Minke	5/1/2008	Yes	No	Dead	N/A
<a href="#">E10-08</a>	Right	5/7/2008	Yes	No	Alive	N/A
<a href="#">E11-08</a>	Humpback	5/7/2008	Yes	No	Alive	N/A
<a href="#">E12-08</a>	Humpback	5/11/2008	Yes	No	Alive	Sink gillnet
<a href="#">E13-08</a>	Humpback	5/20/2008	Yes	No	Alive	Hook and line
<a href="#">E14-08</a>	Humpback	5/30/2008	Yes	No	Dead	N/A
<a href="#">E15-08</a>	Humpback	6/1/2008	Yes	Yes	Alive	Unknown
<a href="#">E16-08</a>	Fin	6/8/2008	Yes	No	Alive	N/A
<a href="#">E17-08</a>	Humpback	6/9/2008	Yes	Yes	Dead	Lobster and other
<a href="#">E18-08</a>	Minke	6/14/2008	No	No	Dead	N/A
<a href="#">E19-08</a>	Unknown Fin/Sei	6/15/2008	Yes	No	Alive	Purse seine
<a href="#">E20-08</a>	Humpback	6/15/2008	Yes	No	Alive	Purse seine
<a href="#">E21-08</a>	Humpback	6/17/2008	Yes	No	Dead	N/A
<a href="#">E22-08</a>	Humpback	6/27/2008	Yes	No	Alive	N/A
<a href="#">E23-08</a>	Humpback	6/30/2008	Yes	No	Dead	N/A
<a href="#">E24-08</a>	Humpback	7/5/2008	Yes	No	Alive	Monofilament line
<a href="#">E25-08</a>	Minke	7/5/2008	Yes	No	Dead	Otter trawl, bottom
<a href="#">E26-08</a>	Humpback	7/8/2008	Yes	Yes	Alive	Unknown
<a href="#">E27-08</a>	Humpback	7/10/2008	Yes	No	Alive	Sink gillnet
<a href="#">E28-08</a>	Humpback	7/13/2008	Yes	No	Alive	N/A

Table 5 continued. Entanglement summary

Entanglement Report Number	Species	Date of Report	Gear Present	Gear Collected	Dead/Alive	Type of Gear
<a href="#">E29-08</a>	Humpback	8/3/2008	Yes	No	Alive	Hook and line
<a href="#">E30-08</a>	Humpback	8/13/2008	Yes	No	Alive	N/A
<a href="#">E31-08</a>	Minke	8/20/2008	Yes	No	Alive	N/A
<a href="#">E32-08</a>	Humpback	8/21/2008	Yes	No	Alive	N/A
<a href="#">E33-08</a>	Fin	8/22/2008	Yes	No	Dead	N/A
<a href="#">E34-08</a>	Humpback	9/20/2008	Yes	No	Alive	N/A
<a href="#">E35-08</a>	Unknown	9/21/2008	Yes	No	Alive	N/A
<a href="#">E36-08</a>	Minke	10/9/2008	Yes	No	Alive	N/A
<a href="#">E37-08</a>	Humpback	10/13/2008	Yes	No	Alive	N/A
<a href="#">E38-08</a>	Humpback	10/13/2008	Yes	No	Alive	Monofilament line
<a href="#">E39-08</a>	Right	12/8/2008	Yes	Yes	Alive	Unknown
<a href="#">E40-08</a>	Minke	12/11/2008	No	No	Dead	Otter trawl, bottom
<a href="#">E41-08</a>	Right	12/26/2008	Yes	Yes	Alive	Lobster

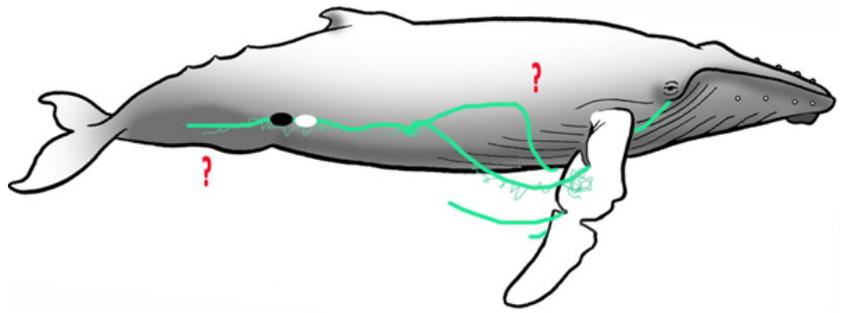
Table 6. Ship strike summary

Ship Strike Report Number	Date of Report	Species/ID	Location
<a href="#">SS01-08</a>	5/25/2008	Unknown	South Friendship, ME
<a href="#">SS02-08</a>	6/11/2008	Humpback, 2008 calf of "Nuage"	Stellwagen Bank, MA
<a href="#">SS03-08</a>	7/2/2008	Fin	Barnegat Inlet, NJ
<a href="#">SS04-08</a>	7/23/2008	Humpback	Stellwagen Bank, MA
<a href="#">SS05-08</a>	7/23/2008	Humpback	Stellwagen Bank, MA
<a href="#">SS06-08</a>	7/26/2008	Humpback, "Underline"	Stellwagen Bank, MA
<a href="#">SS07-08</a>	8/17/2008	Unknown	Block Island, RI
<a href="#">SS08-08</a>	9/3/2008	Unknown	Stellwagen Bank, MA
<a href="#">SS09-08</a>	11/4/08	Humpback	Assateague Island, MD

## 2008 Entanglements

NMFS No.	E01-08
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	1/6/2008
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	20NM south of Cape Lookout, NC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	34° 15.5'N      76° 32.0'W
Event Description	<p>1/7/08</p> <ul style="list-style-type: none"> <li>• USCG responds to a report from a private vessel about an entangled whale. Upon arriving the USCG confirms a large entangled humpback whale.</li> <li>• Other USCG vessels transport ALWDN members from NMFS Beaufort and Duke University. Unfortunately the team is unable to remove any gear or attach telemetry before sunset.</li> <li>• Interview with reporter confirms the whale was seen during the previous day.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Green line wrapping the body and pectoral flippers.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Green line was anchored in the mouth and had lacerated the right pectoral flipper. There were some remnants of netting but no large portions. It is possible both sides of the mouth are involved with some line going over the ventral thoracic area.

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



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

Animal appeared thin with patchy colored skin and parasites.

Sighting prior to entanglement

Unknown

Re-sightings **POST-ENTANGLEMENT**

None

Life History Information

Unknown

**NMFS** Serious Injury/Mortality Determination

Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E01 - 08		
Field No.	J 010608 hw	Date 1 <sup>st</sup> Observed	1/6/08
Location 1 <sup>st</sup> Observed	20NM south of Cape Lookout, NC 34° 15.5' N, 76° 32.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u> No gear recovered.					
Report By:	John F. Kenney	Date:	9/18/09	Current Location of Gear	N.A.

NMFS No.	E02-08
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	1/10/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	19 NM southeast of Beaufort, NC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	34° 24.427'N      76° 30.529'W
Event Description	Researchers accidentally entangled a humpback whale while tagging bluefin tuna. Gear was immediately pulled in and some line and hooks were missing but it is unknown how much gear remained, if any, on the whale.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E02 - 08		
Field No.	J 011008 hw	Date 1 <sup>st</sup> Observed	1/10/08
Location 1 <sup>st</sup> Observed	13 NM south of Cape Lookout, NC 34° 24.43'N 76° 30.53'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		researchers witnessed event
	Fisherman		Location		34° 15.5' N, 76° 32.0' W
	Other	Duke University researchers	Depth		
			Bottom Type		
Gear Type:	hook & line		Target Species:	bluefin tuna	
<p><u>Gear Description:</u>            9/0 single shank Owner J-hook. 30 feet of 180 pound test flurocarbon (essentially monofilament) leader connected to 200 pound test monofilament fishing line. The lure was a red and white (or possibly purple and white) "Hawaiian Eye" with a ballyhoo.</p>					
<p><u>Comments:</u>            Researchers accidentally entangled a humpback whale while tagging bluefin tuna. Gear was immediately pulled in and some line and hooks were missing but it is unknown how much gear remained, if any, on the whale.</p>					
<p><u>Conclusions:</u>            The researchers on site were not able to determine if any of the gear actually entangled the whale.</p>					
Report By:	John F. Kenney	Date:	9/18/09	Current Location of Gear	N.A.

NMFS No.	E03-08
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	1/12/2008
Species	Right
Individual ID	#2645
Location <b>1st OBSERVED ENTANGLED</b>	15.9 NM southwest of Provincetown, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 48.44'N      70° 21.25'W
Event Description	<p>1/12/08</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial survey located animal with line trailing about one body length out of the right mouth.</li> <li>PCCS rescue team was contacted but no approaches were possible due to an evasive whale and limited daylight.</li> <li>Photo analysis indicated the whale was in a non life threatening entanglement.</li> </ul> <p>Spring/Summer/Fall of 2008</p> <ul style="list-style-type: none"> <li>The whale was seen on multiple days from aerial and boat based surveys throughout the year although no action was undertaken due to the nature of the entanglement.</li> </ul> <p>11/13/08</p> <ul style="list-style-type: none"> <li>The whale was seen gear free off of Davis Swell by the NEFSC aerial survey team.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	White line exiting the right mouth and trailing behind the whale approximately one body length until no longer visible from the air. The total length of line was not visible.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	The line was confirmed exiting the right mouth terminating approximately one body length behind the animal with a frayed bitter end. The color of line had more of a greenish tone than white.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Random patches of cyamids covering the body with pale skin near the

<b>B. SUBSEQUENT DESCRIPTIONS</b>	blowhole region. None noted
Sighting prior to entanglement	9/17/07
Re-sightings <b>POST-ENTANGLEMENT</b>	11/13/08
Life History Information	Adult female
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

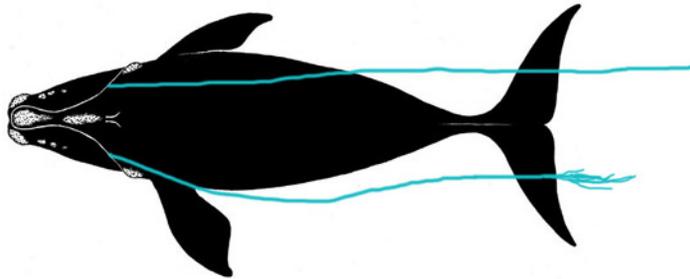
NMFS No.	E03 - 08		
Field No.	J 011209 rw	Date 1 <sup>st</sup> Observed	1/12/08
Location 1 <sup>st</sup> Observed	15.9 NM southwest of Provincetown, MA 41° 48.5' N, 70° 21.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation Partial 3/11/08
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	#2645, Insignia	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	3/11/08	Gear Retrieved By	PCCS
Date Gear Received	3/19/08	Received From	PCCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Not able to determine	Target Species:	
<p><u>Gear Description:</u>                  Frayed rope fragment. Approximately 20" in length with an estimated diameter of 3/8" to 1/2". Color is green and there is a double orange tracer in one of the strands.</p>			
<p><u>Comments:</u>                  Right whale #2645, Insignia, was sighted during a NEFSC aerial survey on November 13, 2008 in the vicinity of Davis Swell, Gulf of Maine. The images show that line that was anchored in the right mouth was now gone and the whale is gear-free.</p>			
<p><u>Conclusions:</u>                  Whale is free of gear.</p>			
Report By:	John F. Kenney	Date:	9/18/09
		Current Location of Gear	NMFS, RI

NMFS No.	E04-08
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	1/29/2008
Species	Right
Individual ID	#3333
Location <b>1st OBSERVED ENTANGLED</b>	9 NM east northeast of St. John's River inlet, FL
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	30° 27.35'N      81° 14.22'W
Event Description	<p>1/29/08</p> <ul style="list-style-type: none"> <li>• NEAq aerial survey team reported the entangled free-swimming whale with blue/green line exiting both sides of the mouth and trailing behind the whale.</li> <li>• Local rescue teams responded but the whale was lost despite continued surveillance by aerial team.</li> <li>• Photo analysis indicated that while the whale showed significant trauma around the tail region the animal appeared decent. At this time it was believed the whale was not in a life threatening entanglement but this was not confirmed due to lack of surface documentation.</li> </ul> <p>2/2/08</p> <ul style="list-style-type: none"> <li>• Wildlife Trust aerial survey team relocated the whale but evasive whale behavior prevents any surface response.</li> </ul> <p>5/7/08</p> <ul style="list-style-type: none"> <li>• Whale is resighted by NEFSC aerial survey team and documented to be gear free.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Blue/green line exiting both sides of the mouth. The line out of the left side trails back behind the flukes about 10 feet and terminates with a frayed end. The line out of the right out mouth trails about 25 feet beyond the flukes. No other wraps or entangling points were observed or documented.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Nothing changed during subsequent sightings.

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



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

Trauma that appeared to be entanglement related was visible around the tail stock and fluke region.

**B. SUBSEQUENT DESCRIPTIONS**

None noted

Sighting prior to entanglement

8/6/07

Re-sightings **POST-ENTANGLEMENT**

5/7/08

Life History Information

Subadult male

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E04 - 08		
Field No.	J 012908 rw	Date 1 <sup>st</sup> Observed	1/29/08
Location 1 <sup>st</sup> Observed	9 NM ENE of St. John's River Inlet, FL 30° 27.4' N, 81° 14.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	# 3333	Gear Analysis Conducted (y/n)	No

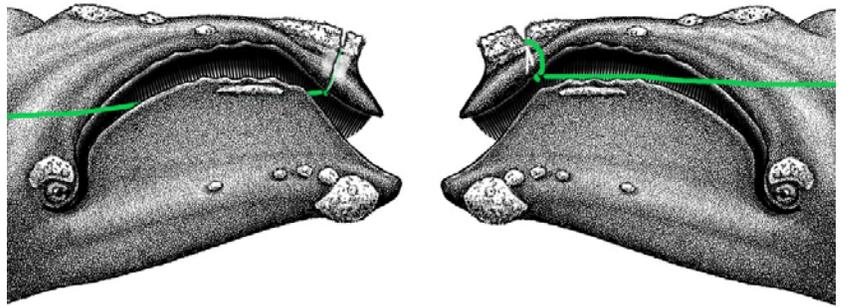
### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:		Unknown - no gear recovered		Target Species:	
<u>Gear Description:</u> <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:	9/18/09	Current Location of Gear	N.A.

NMFS No.	E05-08
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	2/3/2008
Species	Right
Individual ID	#1980
Location <b>1st OBSERVED ENTANGLED</b>	7 NM east southeast of Green Island, Outer Banks, NC
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	35° 08.4'N 75° 39.8'W
Event Description	<p>2/3/08</p> <ul style="list-style-type: none"> <li>• UNC–W aerial survey team located the entangled right whale. The team stayed with the animal for 40 minutes and documented the entanglement despite long dives and erratic behavior.</li> <li>• Due to the time of day and distance from local team no response was made.</li> </ul> <p>3/14/08</p> <ul style="list-style-type: none"> <li>• MA DMF/PCCS aerial survey team relocated the whale in eastern Cape Cod Bay. PCCS rescue team responded and attempted to cut the rostrum lines but the animal proved evasive.</li> <li>• A better assessment from the on water team documented the whale in poor health with embedded lines, patchy and parasite covered skin with overall low weight.</li> </ul> <p>4/16/08</p> <ul style="list-style-type: none"> <li>• MA DMF/PCCS aerial survey team located the whale just north of Provincetown, MA. The PCCS rescue team responded and again failed to sever the rostrum lines due to an evasive whale.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	White line trailing near the fluke from the right mouth line. Numerous lines around the left mouth line and at least one line wrapping the rostrum.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Roughly ½" line wrapping the rostrum involving both sides of the mouth with a series of complex loops. The line on the right side of the rostrum appears to be deeply embedded. Line exiting the right side of

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

mouth trails to the peduncle area, while the line on the left trails to about mid-body.



Description of Wounds/**CONDITION**

**A. DURING INITIAL SIGHTING**

Multiple fresh and healing entanglement traumas on the caudal peduncle.

**B. SUBSEQUENT DESCRIPTIONS**

Deep wounds on the rostrum from the entanglement line. The whale appeared thin with poor skin condition.

Sighting prior to entanglement

6/7/2007

Re-sightings **POST-ENTANGLEMENT**

None

Life History Information

Adult male

**NMFS** Serious Injury/Mortality Determination

Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E05 - 08		
Field No.	J 020308 rw	Date 1 <sup>st</sup> Observed	2/3/08
Location 1 <sup>st</sup> Observed	7 NM ESE of Green Island, Outer Banks, NC 35° 08.4' N, 75° 39.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	# 1980	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:		Unknown - no gear recovered		Target Species:	
<u>Gear Description:</u> <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:	9/18/09	Current Location of Gear	N.A.

NMFS No.	E06-08
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	2/6/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	66.5 NM east of Ocean City, MD
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	38° 13.3'N 73° 40.8'W
Event Description	NEFSC observer reported a carcass and confirmed with photographs a humpback whale wrapped 4 to 5 times with red line around the caudal peduncle.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Red line wrapped 4 to 5 times around the caudal peduncle.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None noted
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None noted
Sighting prior to entanglement	Unknown
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 - 08		
Field No.	J 020608 hw	Date 1 <sup>st</sup> Observed	2/6/08
Location 1 <sup>st</sup> Observed	66 NM east of Ocean City, MD 38° 13.3' N, 73° 40.8' 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		
	CCS		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:	9/18/09	Current Location of Gear	N.A.

NMFS No.	E07-08
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	3/6/2008
Species	Right
Individual ID	#1140
Location <b>1st OBSERVED ENTANGLED</b>	7 NM south of Provincetown, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 54.1'N 70° 12.1'W
Event Description	<p>3/6/08</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial survey team located the whale in Cape Cod Bay, MA and contacted the PCCS rescue team who responded.</li> <li>Unfortunately 12 other right whales were in the area and the entangled whale was making long dives which made tracking difficult. The whale was lost despite numerous vessels in the area.</li> <li>The entanglement appeared to be two lines twisted together and exiting the left side of the mouth and then trailing behind the tail. Initial impression despite some poor health signs, the entanglement appeared minor at the time.</li> </ul> <p>3/11/08</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial survey team relocated the whale but long dives again prevented the PCCS rescue team from any disentanglement attempts.</li> </ul> <p>3/14/08</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial survey team relocated the whale and this time the PCCS rescue team managed to cut some of the trailing line that exited the left side of the mouth. Once cut the line immediately sank and despite dragging efforts no line was recovered.</li> </ul> <p>2/25/09</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial team located the whale again in Cape Cod Bay and contacted the PCCS rescue team. Both aerial and on-water documentation indicated the entanglement had changed, with one line exiting each side of the mouth. The entanglement was still thought to be minor.</li> </ul> <p>1/24/10</p> <ul style="list-style-type: none"> <li>NEFSC aerial survey team located the animal on Jordan</li> </ul>

	<p>Basin. Entanglement again showed a slight change in the mouth configuration but was thought to remain non-life threatening.</p> <p>3/2/10</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial team located the whale off Provincetown, MA. Whale was quickly lost despite aerial and on-water searching by PCCS teams. Entanglement appeared to remain the same as last sighting.</li> </ul> <p>4/21/10</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial team located the whale east of Cape Cod and the PCCS rescue team, already in the area, responded to document and attempt to remove the entangling gear. Whale was very evasive and avoided all attempts at cutting the gear.</li> </ul> <p>5/1/10</p> <ul style="list-style-type: none"> <li>NEFSC aerial survey located the whale east of Cape Cod and the PCCS team responded again. Despite a very evasive whale the rescue team managed to cut a line on the rostrum using a flying cutter from a crossbow. The team attempted to grapple the trailing lines but the gear was too deep and the whale too evasive.</li> </ul> <p>5/4/10</p> <ul style="list-style-type: none"> <li>MA DMF/PCCS aerial team located and documented the whale gear free.</li> </ul>
<p>Description of Gear on Whale <b>AS REPORTED</b></p>	
<p><b>A. DURING INITIAL SIGHTING</b></p>	<p>Two lines twisted together and exiting the left mouth area. One bitter end was shorter than the other which terminated near the fluke. The longer line sank out of visibility approximately one whale body length behind the fluke.</p>
<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p>	<p>2/25/09</p> <ul style="list-style-type: none"> <li>One line exiting both sides of the mouth and then twisting/knotting together just forward of the caudal peduncle and then trailing and sinking beyond the fluke.</li> </ul> <p>1/24/10</p> <ul style="list-style-type: none"> <li>Line from the left side of the mouth is now exiting from the right mouth (two lines exiting right side of the mouth).</li> </ul> <p>5/1/10</p> <ul style="list-style-type: none"> <li>Line over rostrum was severed although gear still trailed from the mouth.</li> </ul>
<p><b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b></p>	<p>None</p>
<p>Description of Wounds/<b>CONDITION</b></p>	
<p><b>A. DURING INITIAL SIGHTING</b></p>	<p>Pale skin near the head with cyamids in random clumps all over the body. Overall the whale appeared thin.</p>
<p><b>B. SUBSEQUENT DESCRIPTIONS</b></p>	<p>None noted</p>

Sighting prior to entanglement	3/24/06 – confirmed gear free; other possible sightings in 2007
Re-sightings <b>POST-ENTANGLEMENT</b>	5/4/10
Life History Information	Adult female
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury



## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E07 - 08		
Field No.	J 030608 rw	Date 1 <sup>st</sup> Observed	3/6/08
Location 1 <sup>st</sup> Observed	7 NM south of Provincetown, MA 41° 54.1' N, 70° 12.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	# 1140, 'Wart'	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	3/14/08	Gear Retrieved By	PCCS
Date Gear Received	3/19/08	Received From	PCCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	

Gear Description:

Three or four fibers, roughly the size of common sewing thread, about an inch in length, were removed from the cutting grapple after a disentanglement effort. The disentanglement team made a cut to the longest trailing line; however, this gear promptly sank.

Comments:

Conclusions:

No analysis conducted.

Report By:	John F. Kenney	Date:	1/22/10	Current Location of Gear	NMFS, North Kingstown, RI
------------	----------------	-------	---------	--------------------------	---------------------------

NMFS No.	E08-08
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	4/9/2008
Species	Sei
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	51 NM east of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 42.7'N 68° 46.1'W
Event Description	NEFSC aerial survey team located the whale and contacted the PCCS rescue team. Due to the distance from shore and time of day no response was made.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Line was visible wrapping over both fluke blades near the caudal peduncle region. Both lines come together on the top of the fluke near the center with one line leading towards the left fluke blade before going underneath. The line then trails about one body length behind the whale. No buoys or any other gear were seen.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Entanglement trauma around the caudal peduncle and along the back.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E08 - 08		
Field No.	J 040908 sw	Date 1 <sup>st</sup> Observed	4/9/08
Location 1 <sup>st</sup> Observed	51 NM east of Chatham, MA 41° 42.7' N, 68° 46.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Sei	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> <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:	1/22/10	Current Location of Gear	N.A.

NMFS No.	E09-08
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	5/1/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	109 NM east of Truro, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 02.669'N 67° 37.435'W
Event Description	Moderately decomposed minke whale documented by USCG cutter with line around the tail region.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Line visible in the photographs leading from the tail region. It is unclear from the documentation as to the exact attachment point.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Head missing; moderately decomposed carcass.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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

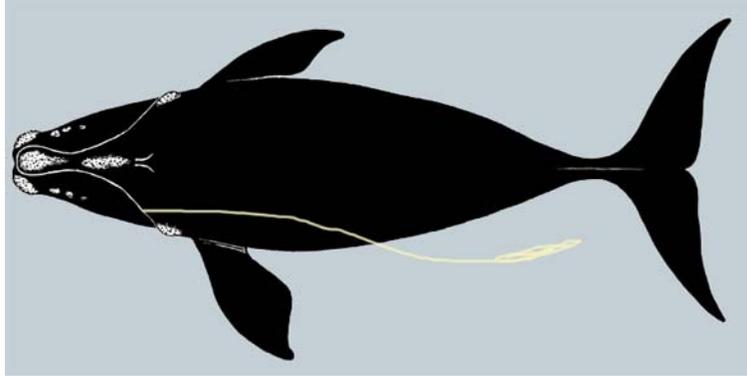
NMFS No.	E09 - 08		
Field No.	J 050108 mw	Date 1 <sup>st</sup> Observed	5/1/08
Location 1 <sup>st</sup> Observed	109 NM east of Truro, MA 41° 02.7' N, 67° 37.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	1/22/10
		Current Location of Gear	N.A.

NMFS No.	E10-08
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	5/7/2008
Species	Right
Individual ID	#1249
Location <b>1st OBSERVED ENTANGLED</b>	38.8 NM southeast of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 19.5'N 69° 12.1'W
Event Description	<p>5/7/08</p> <ul style="list-style-type: none"> <li>Photographic analysis post-flight from a NEFSC aerial survey indicated the whale had a single line trailing from the left side of the mouth. It appeared the entanglement was not life threatening and the overall health of the whale looked favorable.</li> </ul> <p>10/12/08</p> <ul style="list-style-type: none"> <li>Post cruise photographic analysis from the Blue Ocean Society showed the whale was seen off the New Hampshire coast. Images indicated the whale may be gear free although further documentation is needed for the left mouth region.</li> </ul> <p>5/26/09</p> <ul style="list-style-type: none"> <li>NEFSC aerial survey team located the animal and verified the animal was 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>	Photographic analysis showed a single line trailing from the mouth ending around the tail region.

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



Description of Wounds/**CONDITION**

**A. DURING INITIAL SIGHTING**

Whale appeared in healthy condition with no obvious external entanglement trauma.

**B. SUBSEQUENT DESCRIPTIONS**

None

Sighting prior to entanglement

4/10/08

Re-sightings **POST-ENTANGLEMENT**

5/26/09

Life History Information

Adult male

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E10 - 08		
Field No.	J 050708 rw	Date 1 <sup>st</sup> Observed	5/7/08
Location 1 <sup>st</sup> Observed	39 NM southeast of Chatham, MA 41° 19.5'N 69° 12.1'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	# 1249	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	1/22/10
		Current Location of Gear	N.A.

NMFS No.	E11-08
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	5/7/2008
Species	Humpback
Individual ID	Brillo
Location <b>1st OBSERVED ENTANGLED</b>	Approx. 6.5 NM north northwest of Race Point, Provincetown, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	Approximately 42° 10.0'N 70° 18.0'W
Event Description	<p>5/7/08</p> <ul style="list-style-type: none"> <li>Recreational fisherman documented an entangled humpback whale and reported the entanglement to PCCS once he returned to port later that evening. Photographs showed the whale was entangled with at least two visible black lines over the back, forward of the dorsal fin.</li> </ul> <p>5/24/08</p> <ul style="list-style-type: none"> <li>NOAA R/V <i>Delaware II</i> documented the whale in the Great South Channel off MA. Due to the distance from shore no response was made. Photographs indicate that at least one line was embedded. No rope was seen anywhere else or trailing. Overall, the animal appeared thin with parasites covering parts of the body.</li> </ul> <p>6/7/08</p> <ul style="list-style-type: none"> <li>PCCS rescue team briefly sighted the whale on Stellwagen Bank, MA. The whale was quickly lost among 15 other whales in the area. Despite searching for hours the animal was not relocated. Photographs showed one of the lines shifted behind the dorsal fin and the visible gear was not embedded.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Two black lines over the back.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>5/24/08</p> <ul style="list-style-type: none"> <li>The aft line forward of the dorsal fin was tight and embedded.</li> </ul> <p>6/7/08</p> <ul style="list-style-type: none"> <li>One line had shifted behind the dorsal fin over the tail stock and visible gear no longer appeared embedded.</li> </ul>

<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>	None noted  5/24/08 <ul style="list-style-type: none"> <li>• The aft line forward of the dorsal fin was embedded on the leading edge of the dorsal fin/back.</li> </ul> 6/7/08 <ul style="list-style-type: none"> <li>• Visible line no longer appeared embedded in the back.</li> </ul>
Sighting prior to entanglement	None
Re-sightings <b>POST-ENTANGLEMENT</b>	None
Life History Information	Yes – consult PCCS
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E11 - 08		
Field No.	J 050708 hw	Date 1 <sup>st</sup> Observed	5/7/08
Location 1 <sup>st</sup> Observed	6.5 NM NNW of Race Point, MA 42° 10.0' N, 70° 18.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<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:	1/22/10
		Current Location of Gear	N.A.

NMFS No.	E12-08
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	5/11/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	44.1 NM south southeast of Block Island, RI
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	40° 28.0'N 71° 12.7'W
Event Description	As a fishing vessel was tending their gillnet, a humpback whale entangled its left pectoral flipper. After a brief struggle the captain ordered the net cut close to the boat and next to the animal's left pectoral flipper. The whale dove briefly and came up with no visible entanglement. Crew hauled the net and recovered the entire set.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Whale was entangled in the gillnet on the left pectoral flipper.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Some red (possible blood) was seen in the water after the initial interaction with the gear. No obvious wounds were observed.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E12 - 08		
Field No.	J 051108 hw	Date 1 <sup>st</sup> Observed	5/11/08
Location 1 <sup>st</sup> Observed	44.1 NM SSE of Block Island, RI 40° 28.0' N, 71° 12.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	5/8/08
	CCS	Date Lost	5/11/08
	Fisherman	Owner	Location
	Other	Depth	43 fm
		Bottom Type	
Gear Type:	Sink gillnet	Target Species:	monkfish

Gear Description:

String of gear consisting of 24 (50 fathom) nets tied down to 3.5 feet. Mesh was 12" and nets were 12 meshes deep with 65# leadline. Each net incorporated 5 weak links. String was secured with a 22# Danforth style anchor at each end.

Comments:

The whale was found mid-way along the string while the gear was being hauled. When the whale got near the boat, the net was cut and hauling continued from the other end of the string. The gear was hauled and the whale came free without the loss of any gear.

Conclusions:

Whale was entangled in a string of monkfish gillnets and came free as the gear was hauled back.

Report By:	John F. Kenney	Date:	1/22/10	Current Location of Gear	Retained by Owner
------------	----------------	-------	---------	--------------------------	-------------------

NMFS No.	E13-08
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	5/20/2008
Species	Humpback
Individual ID	Reaper
Location <b>1st OBSERVED ENTANGLED</b>	14.2 NM southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 25.0'N 70° 26.0'W
Event Description	<p>5/20/08</p> <ul style="list-style-type: none"> <li>Whale was seen with hook embedded in the upper right jaw with monofilament line trailing.</li> </ul> <p>8/3/08</p> <ul style="list-style-type: none"> <li>Whale was documented to be gear free.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Embedded hook in the upper right jaw with monofilament line trailing.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	8/3/08
Life History Information	Yes – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E13 - 08		
Field No.	J 052008hw	Date 1 <sup>st</sup> Observed	5/20/08
Location 1 <sup>st</sup> Observed	14.2 NM southeast of Gloucester, MA 42° 25.0' N, 70° 26.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Reaper	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Hook & line gear	Target Species:	
<u>Gear Description:</u> <p style="text-align: center;">Fish hook and monofilament line.</p>			
<u>Comments:</u> 			
<u>Conclusions:</u> <p style="text-align: center;">Fish hook and monofilament line.</p>			
Report By:	John F. Kenney	Date:	1/27/10
		Current Location of Gear	N.A.

NMFS No.	E14-08
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	5/30/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	139 NM east of Wellfleet, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 47.814'N 66° 51.419'W
Event Description	<p>5/30/08</p> <ul style="list-style-type: none"> <li>• WHOI R/V <i>Oceanus</i> documented and reported a deceased entangled humpback whale. Whale was entangled around the flipper and the gear had a high flyer and polyball with identifying numbers.</li> </ul> <p>6/11/08</p> <ul style="list-style-type: none"> <li>• Carcass was relocated but all the entangling gear had been removed.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Left pectoral flipper was wrapped. No other indication of anchoring points or other parts of the body entangled.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	No gear present.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None - mortality

Life History Information

Unknown

**NMFS** Serious Injury/Mortality  
Determination

Human-induced mortality

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E14 - 08		
Field No.	J 053008 hw	Date 1 <sup>st</sup> Observed	5/30/08
Location 1 <sup>st</sup> Observed	139 NM east of Wellfleet, MA 41° 47.8' N, 66° 51.4' 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		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u> No gear recovered.					
Report By:	John F. Kenney	Date:	1/29/10	Current Location of Gear	N.A.

NMFS No.	E15-08
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	6/1/2008
Species	Humpback
Individual ID	2008 calf of Tongs
Location <b>1st OBSERVED ENTANGLED</b>	14 NM southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	Approximately 42° 24.0'N 70° 28.0'W
Event Description	WCNE staff aboard a whale watch vessel reported the entangled whale to the PCCS rescue team who responded. The team managed to remove and recover all of the 150' of entangling gear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	The whale had single wraps of line around the leading edge of each fluke blade and met at the centerline of the trailing edge of the fluke. The line then trailed approximately 80 feet beyond the tail. A small buoy was seen trailing behind.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	The rescue team did not locate the trailing buoy described in the first report but documentation from the original reporter proved a buoy was present during the initial sighting.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Fresh entanglement trauma along the caudal peduncle and fluke.
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	6/1/08
Life History Information	Yes – consult PCCS
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E15 - 08		
Field No.	J 060108 hw	Date 1 <sup>st</sup> Observed	6/1/08
Location 1 <sup>st</sup> Observed	14 NM southeast of Gloucester, MA 42° 24.0' N, 70° 28.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Calf of Tongs	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	6/1/08	Gear Retrieved By	PCCS
Date Gear Received	6/6/08	Received From	PCCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	

Gear Description:

The gear recovered consists of approximately 12 fathoms of 7/16" float rope and 9 fathoms of sink rope (4fm of 7/16" sink rope & 5fm of 3/8" sink rope).

Comments:

A surface buoy was documented during the initial sighting but was not present at the time of the disentanglement.

Conclusions:

Floating rope 7/16" diameter, and sinking rope of 3/8" & 7/16" diameter.

Report By:	John F. Kenney	Date:	2/2/10	Current Location of Gear	NMFS, RI
------------	----------------	-------	--------	--------------------------	----------

NMFS No.	E16-08
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	6/8/2008
Species	Fin
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	25.5 NM southeast of Bar Harbor, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 02.2'N 67° 51.9'W
Event Description	A whale watching vessel reported the following day to the ALWDN of an encounter with an entangled fin whale that was taking long dives and traveling a good distance between surfacing.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Line coming out of both sides of the mouth and then joining just behind the blowholes and then tightly held against the body. No trailing line was visible beyond the whale.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E16 - 08		
Field No.	J 060808 fw	Date 1 <sup>st</sup> Observed	6/8/08
Location 1 <sup>st</sup> Observed	25 NM southeast of Bar Harbor, ME 44° 02.2' N, 67° 51.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	2/2/10
		Current Location of Gear	N.A.

NMFS No.	E17-08
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	6/9/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	140 NM east of Wellfleet, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 45.2'N 66° 48.2'W
Event Description	<p>6/9/08</p> <ul style="list-style-type: none"> <li>DFO vessel reported a deceased humpback whale. Due to distance from shore no effort was made to tow the carcass back to land.</li> </ul> <p>6/13/08</p> <ul style="list-style-type: none"> <li>Some gear was collected ("netting" around the tail was unrecoverable) and necropsy samples were retrieved from floating carcass.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Polyball with markings seen leading from the carcass.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	"Netting" around the tail region with one line leading to a polyball floating nearby.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted besides deceased.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Moderately decomposed carcass with tail below surface. Constricting body wrap.
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None - mortality

Life History Information

Unknown

**NMFS** Serious Injury/Mortality  
Determination

Human-induced mortality

11/15/2011 10:00:00 AM

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E17 - 08		
Field No.	J 060908 hw	Date 1 <sup>st</sup> Observed	6/9/08
Location 1 <sup>st</sup> Observed	140 NM east of Wellfleet, MA 41° 45.2' N, 66° 48.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	6/12/08	Gear Retrieved By	USCG
Date Gear Received	6/25/08	Received From	NOAA OLE
Sources:	USCG	Crew, CGC Dependable	Date Set
	CCS		Date Lost
	Fisherman	Captain interview	Location
	Other		Depth
		Bottom Type	Sand
Gear Type:	Lobster pot and possibly another type (see below)	Target Species:	Lobster and possibly another type (see below)
<p><u>Gear Description:</u> The gear recovered consists of an orange A-3 Polyform inflated to a 27" diameter (83" cir.) attached to approximately 2 fathoms of 7/8" diameter rope.</p>			
<p><u>Comments:</u> The buoy had been part of a 48 pot lobster trawl of which the captain recovered only 20. The recovered buoy and rope were not in a configuration that is used by the captain, suggesting that at some point in time the gear had been hauled (by someone other than the owner), and the buoy removed from its original location and tied off in a different location.</p>			
<p><u>Conclusions:</u> While the ownership of the recovered buoy is clear, the ownership, as well as the type of gear that remained with the whale is not. Based on how the rope was attached to the buoy as well as a discrepancy between the recovered rope and that normally used by the captain, many circumstances surrounding this event remain unclear.</p>			
Report By:	John F. Kenney	Date:	2/2/10
		Current Location of Gear	NMFS, RI

NMFS No.	E18-08
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	6/14/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	Nauset Beach, Orleans, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 47.329'N 69° 56.124'W
Event Description	Carcass was briefly off the beach and later washed ashore. IFAW conducted necropsy along with other local groups. Extensive entanglement trauma was documented along with indication that the animal may have drowned. Other contributing factors that may have led to the mortality of the whale are still being analyzed.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Deceased, fresh carcass
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Extensive external recent entanglement trauma documented.
Sighting prior to entanglement	Unknown
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.	E18 - 08		
Field No.	J 061408 mw	Date 1 <sup>st</sup> Observed	6/14/08
Location 1 <sup>st</sup> Observed	Nauset Beach, Orleans, MA 41° 47.3' N, 69° 56.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Could not be determined	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear present	Target Species:	
<u>Gear Description:</u> <p style="text-align: center;">No gear present.</p>			
<u>Comments:</u>   			
<u>Conclusions:</u> <p style="text-align: center;">No gear present.</p>			
Report By:	John F. Kenney	Date:	2/3/10
		Current Location of Gear	N.A.

NMFS No.	E19-08
Indication of Entanglement	No
<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	6/15/2008
Species	Unknown, probable fin/sei whale
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	40.5 NM northeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 06.6'N 70° 05.1'W
Event Description	Whale was observed encircled as a purse seine was being closed. The animal quickly dove and was not resighted. There was no obvious indication the whale had directly interacted with the gear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	No injury was thought to have occurred.

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E19 - 08		
Field No.	J 061508 unk	Date 1 <sup>st</sup> Observed	6/15/08
Location 1 <sup>st</sup> Observed	40.5 NM northeast of Gloucester, MA 43° 06.6'N 70° 05.1'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Probable fin/sei	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman	Owner	Location
	Other		Depth
		Bottom Type	
Gear Type:	Purse seine	Target Species:	Herring
<u>Gear Description:</u> <p style="text-align: center;">No gear recovered.</p>			
<u>Comments:</u>  			
<u>Conclusions:</u> <p style="text-align: center;">Whale was observed encircled as a purse seine was being closed. The animal quickly dove and was not resighted. There was no obvious indication the whale had directly interacted with the gear.</p>			
Report By:	John F. Kenney	Date:	2/3/10
		Current Location of Gear	N.A.

NMFS No.	E20-08
Indication of Entanglement	No
<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	6/15/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	40.7 NM northeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 06.7'N 70° 04.7'W
Event Description	Whale was observed encircled as a purse seine was being closed. The animal quickly dove and was not resighted. There was no obvious indication the whale had directly interacted with the gear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	No injury was thought to have occurred.

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E20 - 08		
Field No.	J 061508 hw	Date 1 <sup>st</sup> Observed	6/15/08
Location 1 <sup>st</sup> Observed	40.7 NM northeast of Gloucester, MA 43° 06.7'N 70° 04.7'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman	Owner	Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Purse seine		Target Species:	Herring	
<u>Gear Description:</u>					
<u>Comments:</u>					
<u>Conclusions:</u>					
Whale was observed encircled as a purse seine was being closed. The animal quickly dove and was not resighted. There was no obvious indication the whale had directly interacted with the gear.					
Report By:	John F. Kenney	Date:	2/3/10	Current Location of Gear	N.A.

NMFS No.	E21-08
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	6/17/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	38 NM northeast of Grand Manan Island, New Brunswick
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	45° 06.809'N 65° 59.051'W
Event Description	Deceased entangled humpback whale reported by DFO. The gear was not recovered but the carcass and gear, including a buoy, was documented.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E21 - 08		
Field No.	J 061708 hw	Date 1 <sup>st</sup> Observed	6/17/08
Location 1 <sup>st</sup> Observed	38 NM NE of Grand Manan Island, NB, CA 45° 06.8' N, 65° 59.0' 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

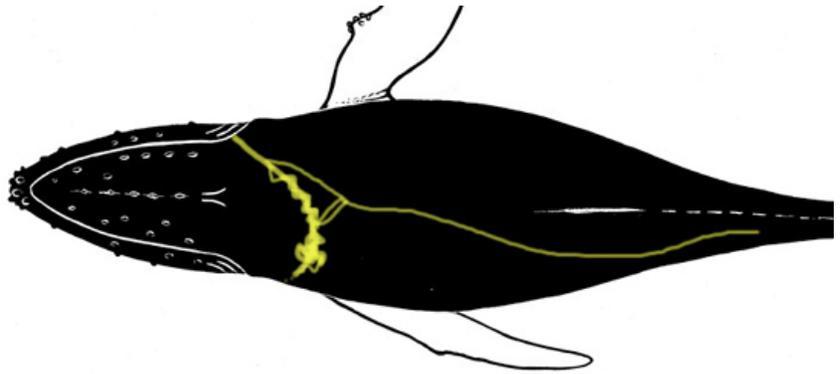
### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	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:	2/3/10
		Current Location of Gear	N.A.

NMFS No.	E22-08
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Entangled, thought to be non-life threatening
Date 1st Observed Entangled	6/27/2008
Species	Humpback
Individual ID	Ebony
Location <b>1st OBSERVED ENTANGLED</b>	8 NM northeast Race Point, Provincetown, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 09.93'N 70° 07.62'W
Event Description	<p>6/27/08</p> <ul style="list-style-type: none"> <li>PCCS located the entangled humpback whale among 50 other whales in the area. The whale was lost a few times and resighted. Despite numerous attempts the team had to cut short the rescue operation due to a squall coming in with lightning.</li> </ul> <p>7/7/08</p> <ul style="list-style-type: none"> <li>Whale was reported by a whale watching vessel to the PCCS rescue team. They responded while the whale watching vessel stood by and cut the primary loop of line across the back. The whale was left with a short piece of line exiting each side of the mouth. It was believed the whale would be able to shed the gear over time.</li> </ul> <p>7/9/08</p> <ul style="list-style-type: none"> <li>Whale was resighted again by a whale watch vessel. The line exiting the right side of the mouth was no longer present but the left side of the mouth still had some line trailing.</li> </ul> <p>7/10/08</p> <ul style="list-style-type: none"> <li>Whale watch vessel confirms the entanglement was still the same as the day before.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	A single line exited the right side of the mouth leading to a loop of multiple lines over the back in front of the dorsal fin and leading to the left mouth/flipper area. A single line was trailing from the loop and terminated with a bitter end just forward of the caudal peduncle.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>7/7/08</p> <ul style="list-style-type: none"> <li>Lines were exiting the left mouth/flipper area and trailing a</li> </ul>

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

short distance down the back.



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

Recent entanglement trauma along the tailstock.

**B. SUBSEQUENT DESCRIPTIONS**

None noted

Sighting prior to entanglement

Yes – consult PCCS

Re-sightings **POST-ENTANGLEMENT**

None

Life History Information

Adult – consult PCCS

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E22 - 08		
Field No.	J 062708 hw	Date 1 <sup>st</sup> Observed	6/27/08
Location 1 <sup>st</sup> Observed	8 NM northeast of Race Point, Provincetown, MA 42° 09.9' N, 70° 07.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Ebony	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> <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:	2/2/10	Current Location of Gear	N.A.

NMFS No.	E23-08
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	6/30/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	140 NM east of Eastham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 43.651'N 66° 47.333'W
Event Description	USCG reported an entangled deceased humpback whale. Documentation confirms this is a different animal than the 6/9/08 sighting. Due to distance from shore no effort is made to recover the gear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E23 - 08		
Field No.	J 063008 hw	Date 1 <sup>st</sup> Observed	6/30/08
Location 1 <sup>st</sup> Observed	140 NM east of Eastham, MA 41° 43.6' N, 66° 47.3' 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	
	CCS	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:	2/2/10
		Current Location of Gear	N.A.

NMFS No.	E24-08
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	7/5/2008
Species	Humpback
Individual ID	Trident
Location <b>1st OBSERVED ENTANGLED</b>	12.2 NM southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 24.805'N 70° 30.298'W
Event Description	Whale watch boat documents whale with monofilament and lures.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Unknown attachment point on left side of body with monofilament line trailing and lures near the flukes.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Adult – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E24 - 08		
Field No.	J 070508 hw	Date 1 <sup>st</sup> Observed	7/5/08
Location 1 <sup>st</sup> Observed	Stellwagen Bank, MA 42° 24.8' N, 70° 30.3' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Trident	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Monofilament line		Target Species:		
<u>Gear Description:</u> Monofilament line.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line.					
Report By:	John F. Kenney	Date:	2/2/10	Current Location of Gear	N.A.

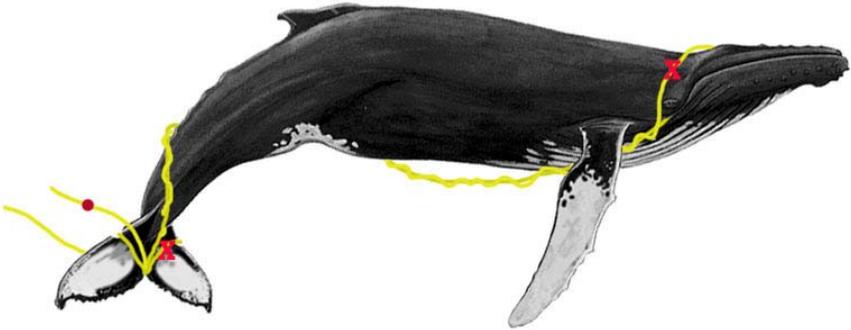
NMFS No.	E25-08
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	7/5/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	35.7 NM east of Nantucket Island, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 14.6'N 69° 10.5'W
Event Description	NEFSC observer recorded a deceased minke whale in their gear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Carcass was in the belly of the net. Whale was not completely visible on the surface.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Animal appeared relatively fresh and undisturbed except for a small wound on the lower jaw.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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 - 08		
Field No.	J 070508 mw	Date 1 <sup>st</sup> Observed	7/5/08
Location 1 <sup>st</sup> Observed	~ 36 NM east of Nantucket Island, MA 41° 14.6'N 69° 10.5'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other	NEFSC Observer	Depth		
			Bottom Type		
Gear Type:	Otter trawl, Bottom		Target Species:	winter flounder	
<u>Gear Description:</u> Bottom otter trawl.					
<u>Comments:</u>					
<u>Conclusions:</u> This encounter took place while towing a bottom trawl.					
Report By:	John F. Kenney	Date:	4/19/10	Current Location of Gear	Retained by Owner

NMFS No.	E26-08
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Entangled, possibly gear free
Date 1st Observed Entangled	7/8/2008
Species	Humpback
Individual ID	Estuary
Location 1st OBSERVED ENTANGLED	2.25 NM east of Wellfleet, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 52.25'N 69° 54.23'W
Event Description	Local fisherman reported and stood by the entangled whale until the PCCS rescue team arrived. Despite a whale that spent very little time on the surface the team managed to cut the line in critical places on the head and tail region. It was thought when they left the whale would eventually shed the remaining gear on its own, despite line heavily embedded around the tail.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Heavy line exiting both sides of the mouth and meeting together in a twist just near the right eye. These lines lead to the fluke which was wrapped and embedded multiple times. The line then trailed off to an unknown distance.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	 <p>The diagram illustrates a humpback whale in profile, facing right. Yellow lines represent the entangling gear. One line enters the whale's mouth from the left, loops around the right side of the head, and exits near the eye. Another line enters the mouth from the right, loops around the left side of the head, and exits near the eye. Both lines extend back along the whale's body to the tail (fluke), where they are shown wrapped around the base of the tail. Small red dots mark the points where the lines enter and exit the mouth and where they are wrapped around the tail.</p>

Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted besides the whale was contorted in a "L shape"
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Animal had embedded line in wide deep wounds on the tail region.
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST-ENTANGLEMENT</b>	None
Life History Information	Adult – consult PCCS
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E26 - 08		
Field No.	J 070808 hw	Date 1 <sup>st</sup> Observed	7/8/08
Location 1 <sup>st</sup> Observed	2.25 NM east of Wellfleet, MA 41° 52.2' N, 69° 54.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Estuary	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/8/08	Gear Retrieved By	PCCS
Date Gear Received	7/16/08	Received From	PCCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	Unknown

Gear Description:

Recovered gear consists of approximately 15 fathoms of 7/8" diameter poly rope. Rope is yellow with a single blue tracer.

Comments:

Conclusions:

Recovered gear consists of approximately 15 fathoms of 7/8" diameter poly rope. Rope is yellow with a single blue tracer.

Report By:	John F. Kenney	Date:	2/2/10	Current Location of Gear	NMFS, RI
------------	----------------	-------	--------	--------------------------	----------

NMFS No.	E27-08
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	7/10/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	19.5 NM east of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 36.8'N 69° 30.5'W
Event Description	NEFSC fisheries observer reported their vessel cut free a humpback whale from gear. They estimated a 25 foot portion remained on the animal. It is unknown if the whale was left with a life threatening entanglement. No documentation is known to exist.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Left flipper was pinned to the body by a wrap of line.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Blood visible in the water and along the dorsal tailstock region.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E27 - 08		
Field No.	J 071008 hw	Date 1 <sup>st</sup> Observed	7/10/08
Location 1 <sup>st</sup> Observed	19.5 NM east of Chatham, MA 41° 36.8' N, 69° 30.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman	Owner	Location		
	Other		Depth		
			Bottom Type		
Gear Type:		Sink gillnet		Target Species: Codfish	
<p><u>Gear Description:</u></p> <p style="text-align: center;">A string of 10 (50 fathom) nets of mixed mesh size: 7" &amp; 7.5" and 20 meshes deep with 65 pound leadline. Endlines are approximately 100 fm and consist of 80 fm of 3/8" sink rope and 20 fm of 7/16" float rope. Each net incorporated 5 weak links.</p>					
<p><u>Comments:</u></p> <p style="text-align: center;">Whale was entangled in the endline and 25 – 30 feet remains with the animal. One of the nets was heavily damaged but none of it was lost. The portion of endline that was lost on the whale was from the bottom 20 fathom section.</p>					
<p><u>Conclusions:</u></p> <p style="text-align: center;">Whale became entangled in lower portion of endline.</p>					
Report By:	John F. Kenney	Date:	2/2/10	Current Location of Gear	Retained by Owner

NMFS No.	E28-08
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	7/13/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	1 NM east of Monomoy Point, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 32.2'N 69° 58.4'W
Event Description	Fisherman reported when he was back on land, an entangled humpback whale quickly swimming to the south. Due to no one standing by and the distance from the local rescue team no response was made.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	White line exiting both sides of the mouth with a red bullet buoy with no stick on the right mouth. The line out of the left side of the mouth went under the whale.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E28 - 08		
Field No.	J 071308 hw	Date 1 <sup>st</sup> Observed	7/13/08
Location 1 <sup>st</sup> Observed	1 NM east of Monomoy Point, MA 41° 32.2' N, 69° 58.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E29-08
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	8/3/2008
Species	Humpback
Individual ID	Backgammon
Location <b>1st OBSERVED ENTANGLED</b>	7 NM northwest of Race Point, Provincetown, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 10.0'N 70° 19.0'W
Event Description	Whale was spotted entangled with monofilament line and lures. Whale was documented approximately two weeks later gear free by numerous whale watch companies.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Hook embedded on the left mouth with monofilament leading to a pink spreader lure rig on the left head.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Gear-free
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Approximately 8/17/08
Life History Information	Yes – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E29 - 08		
Field No.	J 080308 hw	Date 1 <sup>st</sup> Observed	8/3/08
Location 1 <sup>st</sup> Observed	7 NM northwest of Race Point, MA 42°10.0' N, 70° 19.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Backgammon	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Hook & line gear		Target Species:		
<u>Gear Description:</u> Hook & line gear.					
<u>Comments:</u>					
<u>Conclusions:</u> Hook & line gear.					
Report By:	John F. Kenney	Date:	2/5/10	Current Location of Gear	N.A.

NMFS No.	E30-08
Indication of Entanglement	Yes
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Entangled, possibly gear free
Date 1st Observed Entangled	8/13/2008
Species	Humpback
Individual ID	Could not determine
Location <b>1st OBSERVED ENTANGLED</b>	86.2 NM south of Montauk, NY
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	39° 36.0'N 71° 51.0'W
Event Description	Fishermen found an entangled humpback whale with wraps of line around the tailstock and a polyball attached. The animal appeared to have limited mobility. Some cuts were made to help the animal and some gear was removed including the polyball.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Wraps of line around the tailstock area with a polyball attached
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Photographs show a thin animal with large cyamid coverage visible over the dorsal area of the whole whale.
Sighting prior to entanglement	Unknown
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced serious injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E30 - 08		
Field No.	J 081308 hw	Date 1 <sup>st</sup> Observed	8/13/08
Location 1 <sup>st</sup> Observed	86.2 NM south of Montauk, NY 39° 36.0'N 71° 51.0'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:		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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E31-08
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	8/20/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	Off Outer Heron Island, Boothbay Harbor, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	Estimated 43° 46.5'N 69° 39.5'W
Event Description	Fisherman reported via USCG to the ALWDN, what was described as an entangled minke whale. After a few surfacings the fisherman checked the gear and there was no whale. Documentation exists but no images have been received at this time.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	A line with a buoy(s) coming from the head area.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E31 - 08		
Field No.	J 082008 mw	Date 1 <sup>st</sup> Observed	8/20/08
Location 1 <sup>st</sup> Observed	Off Outer Heron Island, Boothbay Harbor, ME 43° 46.5' N, 69° 39.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

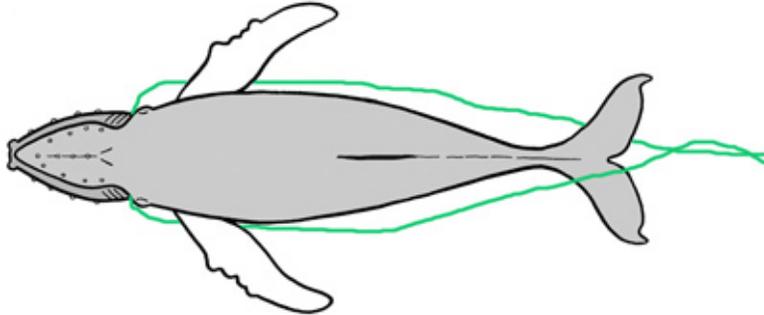
### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E32-08
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	8/21/08
Species	Humpback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	12.5 NM east of Chatham, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	41° 37.78'N 69° 40.02'W
Event Description	<p>General note – All three sightings were originally thought to be unique cases but thankfully each reporter managed to photograph the whale confirming the sightings as the same whale.</p> <p>8/21/08</p> <ul style="list-style-type: none"> <li>Private boater reported an entangled humpback whale to the ALWDN. PCCS rescue team responded and while en route the reporter lost the whale 20 minutes before the team arrived. PCCS searched the area but was unable to relocate the whale. Photographs confirmed the whale was trailing some gear but the attachment point was unclear.</li> </ul> <p>9/12/08</p> <ul style="list-style-type: none"> <li>The whale was reported again outside of Chatham, MA and PCCS responded with the Chatham Harbormaster while the primary team was underway. Again, the reporter lost the whale among other whales present in the area.</li> </ul> <p>9/17/08</p> <ul style="list-style-type: none"> <li>A fish spotting plane reported the entangled humpback whale and once more the whale was lost due to evasive behavior and other whales in the area.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	80 to 120 feet of blue/brown line trailing behind the flukes. The attachment point of the gear was unknown.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>9/12/08</p> <ul style="list-style-type: none"> <li>Black line leading from forward of the tail.</li> </ul> <p>9/17/08</p>

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

- Light colored line leading from both sides of the mouth and twisting together just behind the flukes.



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

None noted

**B. SUBSEQUENT DESCRIPTIONS**

9/12/08

- Recent entanglement trauma at the base of the tail and along the insertion area of one of the pectoral flippers.

9/17/08

- None noted

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.	E32 - 08		
Field No.	J 082108 hw	Date 1 <sup>st</sup> Observed	8/21/08
Location 1 <sup>st</sup> Observed	12.5 NM east of Chatham, MA 41° 37.8' N, 69° 40.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E33-08
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	8/22/2008
Species	Finback
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	20.5 NM east of Barnegat Light, NJ
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	40° 03.276'N 73° 35.478'W
Event Description	Private boater reported to the USCG of a deceased entangled whale. The reporter photographed the carcass and recorded some information from the buoy that was attached to the gear. When the USCG returned to the scene the gear was no longer present. Photographs confirm the deceased whale was entangled.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Line leading from the left mouth passing underneath the left flipper and terminating to a highflyer with yellow buoys and two orange flags.
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	Moderately decomposed with some mild scavenging.
Sighting prior to entanglement	Unknown
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.	E33 - 08		
Field No.	J 082208 fw	Date 1 <sup>st</sup> Observed	8/22/08
Location 1 <sup>st</sup> Observed	20.5 NM east of Barnegat Light, NJ 40° 03.3' N, 73° 35.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> <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:	2/5/10	Current Location of Gear	N.A.

NMFS No.	E34-08
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	9/20/2008
Species	Humpback
Individual ID	Cranny
Location <b>1st OBSERVED ENTANGLED</b>	4.75 NM west northwest of Brier Island, Nova Scotia
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	44° 17.34'N 66° 28.92'W
Event Description	Local whale watch company reported the entangled whale to the Canadian Coast Guard who contacted CWR. Due to the time of day and distance from the local team no response was made.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Multiple body wraps of line on both sides of the dorsal fin with some line trailing.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	None
Life History Information	Yes – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E34 - 08		
Field No.	J 092008 hw	Date 1 <sup>st</sup> Observed	9/20/08
Location 1 <sup>st</sup> Observed	4.75 NM WNW of Brier Island, Nova Scotia 44° 17.3' N, 66° 28.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Cranny	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E35-08
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 entangled
Date 1st Observed Entangled	9/21/2008
Species	Unknown, possible minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	3 NM north of Monhegan Island, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	43° 49.45'N 69° 18.92'W
Event Description	Commercial ferry operator reported an entangled whale that was presumed to be anchored. MMP vessel responded but was unable to relocate the animal. MMP aerial survey searched the area the next morning but was not able to find the whale. No documentation was known to exist. The description of the animal implied a minke whale.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Operator believed the whale was entangled around the flukes as the tail was apparently held down. A buoy nearby appeared to be involved with the entanglement.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E35 - 08		
Field No.	J 092108 unk	Date 1 <sup>st</sup> Observed	9/21/08
Location 1 <sup>st</sup> Observed	3 NM north of Monhegan Island, Maine 43° 49.4' N, 69° 18.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Possible minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E36-08
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 entangled
Date 1st Observed Entangled	10/9/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	0.2 NM south of Appledore Island, Isles of Shoals, ME
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 58.916'N 70° 37.104'W
Event Description	Recreational boater reported an anchored entangled whale to the NEAq, which relayed the call to PCCS, the local rescue team. While underway PCCS managed to contact the original reporter who indicated the animal was now free swimming and no longer visible. The Isles of Shoals Marine Lab launched their research vessel in an attempt to relocate the whale but the animal was not found. Documentation from the reporter showed a minke whale but the configuration of the entanglement was unclear.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Reporter believed the whale was entangled around the tail. No gear was visible on the forward part of the body.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	None

Re-sightings **POST-  
ENTANGLEMENT**

None

Life History Information

Unknown

**NMFS** Serious Injury/Mortality  
Determination

Human-induced injury

.....

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E36 - 08		
Field No.	J 100908	Date 1 <sup>st</sup> Observed	10/9/08
Location 1 <sup>st</sup> Observed	0.2 NM south of Appledore Island, Isles of Shoals, ME 42° 58.9' N, 70° 37.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<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:	2/5/10	Current Location of Gear	N.A.

NMFS No.	E37-08
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	10/13/2008
Species	Humpback
Individual ID	Cajun
Location <b>1st OBSERVED ENTANGLED</b>	14.7 NM southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 23.91'N 70° 26.386'W
Event Description	Whale was seen with monofilament line over the left blade of the fluke.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Monofilament line over the left blade of fluke.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Yes – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E37 - 08		
Field No.	J 101308 hw-1	Date 1 <sup>st</sup> Observed	10/13/08
Location 1 <sup>st</sup> Observed	14.7 NM southeast of Gloucester, MA 42° 23.9' N, 70° 26.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Cajun	Gear Analysis Conducted (y/n)	No

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	2/5/10
		Current Location of Gear	N.A.

NMFS No.	E38-08
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	10/13/2008
Species	Humpback
Individual ID	Tectonic
Location <b>1st OBSERVED ENTANGLED</b>	15 NM southeast of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 23.804'N 70° 26.125'W
Event Description	Monofilament line seen trailing over the left blade of the fluke.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Monofilament line trailing over the left fluke.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Yes – consult PCCS
Re-sightings <b>POST- ENTANGLEMENT</b>	Yes – consult PCCS
Life History Information	Yes – consult PCCS
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

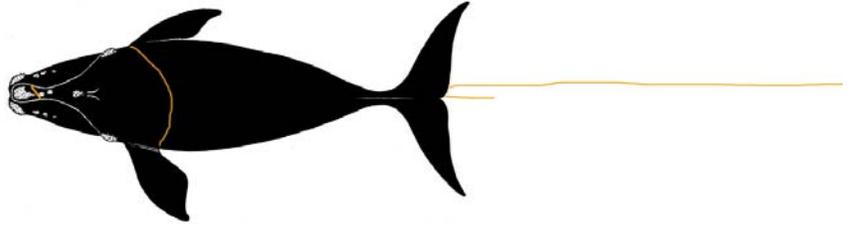
NMFS No.	E38 - 08		
Field No.	J 101308 hw-2	Date 1 <sup>st</sup> Observed	10/13/08
Location 1 <sup>st</sup> Observed	15 NM southeast of Gloucester, MA 42° 23.8' N, 70° 26.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Tectonic	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Monofilament line		Target Species:		
<u>Gear Description:</u> Monofilament line.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line.					
Report By:	John F. Kenney	Date:	2/5/10	Current Location of Gear	N.A.

NMFS No.	E39-08
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	12/8/2008
Species	Right
Individual ID	#3294
Location <b>1st OBSERVED ENTANGLED</b>	12.5 NM northeast of Jacksonville Beach, FL
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	30° 26.39'N 81° 11.12'W
Event Description	<p>12/8/08</p> <ul style="list-style-type: none"> <li>• NEAq aerial survey team reported an entangled whale to the ALWDN. Sea condition was poor so no on water response was possible.</li> </ul> <p>12/18/08</p> <ul style="list-style-type: none"> <li>• Georgia WT aerial survey team spotted the entangled whale and reported it to the GA DNR rescue team. After the whale was assessed as being in a life threatening entanglement they attached a telemetry buoy for a future disentanglement attempt.</li> </ul> <p>12/19/08</p> <ul style="list-style-type: none"> <li>• Late the previous evening the telemetry buoy went adrift and was recovered by local teams with a large amount of the entangling gear attached.</li> </ul> <p>2/1/09</p> <ul style="list-style-type: none"> <li>• Whale was documented by aerial survey teams and local responders as gear free.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	One tight loop over the back with 2-3 lines trailing behind the tail. A scar or embedded line was present on the rostrum.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None

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



**Description of Wounds/CONDITION**

**A. DURING INITIAL SIGHTING**

Analysis of photographs post event by NEAq indicated the whale had poor skin condition with lesions near the head.

**B. SUBSEQUENT DESCRIPTIONS**

2/1/09

- A formal health assessment was done by NEAq and they concluded the whale was in "Fair" condition which was defined as "Mild evidence of compromised health, whale appears stable."

Sighting prior to entanglement

4/14/08

Re-sightings **POST-ENTANGLEMENT**

2/1/09

Life History Information

Adult, unknown sex

**NMFS** Serious Injury/Mortality Determination

Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E39 - 08		
Field No.	J 120809 rw	Date 1 <sup>st</sup> Observed	12/8/08
Location 1 <sup>st</sup> Observed	12.5 NM northeast of Jacksonville Beach, FL 30° 26.4' N, 81° 11.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	# 3294	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	18 & 19 Dec. 2008	Gear Retrieved By	GA DNR
Date Gear Received	1/7/09	Received From	GA DNR
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	Unknown
<p><u>Gear Description:</u> A total of approximately 133 fathoms of 5/16" &amp; 3/8" diameter poly rope and 3 Lukian swivel halves.</p>			
<p><u>Comments:</u> Rope was recovered in 7 pieces resulting from 4 cuts made during disentanglement efforts. Of note are 3 plastic (Lukian) swivel halves. One of them tied to the end of a 5/16 diameter length of rope (presumably the top end of a buoy line) with the other two attached to that same rope via 4 foot gangions. The first gangion is located 15 fathoms from the end swivel and the second gangion located 14 fathoms below the first.</p>			
<p><u>Conclusions:</u> A total of approximately 133 fathoms of 5/16" &amp; 3/8" diameter floating poly rope. Possibly part of an end line for a fixed gear fishery.</p>			
Report By:	John F. Kenney	Date:	2/8/10
		Current Location of Gear	NMFS, RI

NMFS No.	E40-08
Indication of Entanglement	No
<b>INITIAL STATUS</b>	Deceased
<b>SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)</b>	Deceased
Date 1st Observed Entangled	12/11/2008
Species	Minke
Individual ID	Unknown
Location <b>1st OBSERVED ENTANGLED</b>	35.1 NM east of Gloucester, MA
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	42° 34.3'N 69° 52.1'W
Event Description	NEFSC observer noticed a fresh carcass of newborn minke whale. No gear trauma was externally visible. Carcass was discarded overboard after some documentation was completed.
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	Recent scavenging on the left side of the carcass.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	Unknown
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.	E40 - 08		
Field No.	J 121108 mw	Date 1 <sup>st</sup> Observed	12/11/08
Location 1 <sup>st</sup> Observed	~ 35 NM east of Gloucester, MA 42° 34.3'N 69° 52.1'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other	NEFSC Observer	Depth		
			Bottom Type		
Gear Type:	Otter trawl, bottom		Target Species:	groundfish	
<u>Gear Description:</u> <p style="text-align: center;">Bottom otter trawl.</p>					
<u>Comments:</u> 					
<u>Conclusions:</u> <p style="text-align: center;">This encounter took place while towing a bottom trawl.</p>					
Report By:	John F. Kenney	Date:	4/19/10	Current Location of Gear	Retained by Owner

NMFS No.	E41-08
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	12/26/2008
Species	Right
Individual ID	#3701
Location <b>1st OBSERVED ENTANGLED</b>	1.25 NM east of Butler Beach, FL
Latitude/Longitude <b>1st OBSERVED ENTANGLED</b>	29° 46.9'N 81° 13.9'W
Event Description	<p>12/26/08</p> <ul style="list-style-type: none"> <li>FWC aerial survey team located the entangled whale and reported it to the FWC rescue team. The team determined the whale was in a life threatening entanglement over the long term and attached a telemetry buoy approximately 2 whale body lengths behind the flukes. The remaining gear was removed and recovered.</li> </ul> <p>12/27/08</p> <ul style="list-style-type: none"> <li>Team members from FMRI, GA DNR, NMFS, and NEAq successfully cut both back wraps. The telemetry buoy remained on the whale to aid in the removal of the rest of the remaining gear.</li> </ul> <p>12/28/08</p> <ul style="list-style-type: none"> <li>Overnight it appeared the telemetry buoy went adrift. The FWC rescue team with assistance from the NEAq aerial survey team relocated the telemetry buoy with some entangling gear.</li> </ul> <p>1/4/09</p> <ul style="list-style-type: none"> <li>WT aerial survey team located the whale and confirmed it was gear free.</li> </ul>
Description of Gear on Whale <b>AS REPORTED</b>	
<b>A. DURING INITIAL SIGHTING</b>	Loops of line through the mouth with line trailing approximately 300 feet behind the flukes. At the end of the trailing line are one yellow and one white buoy.
<b>B. SUBSEQUENT DESCRIPTIONS</b>	<p>12/27/08</p> <ul style="list-style-type: none"> <li>Whale had two loops of line over the back with some loops in the mouth and a line trailing behind the flukes.</li> </ul>

<b>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</b>	None
Description of Wounds/ <b>CONDITION</b>	
<b>A. DURING INITIAL SIGHTING</b>	None noted
<b>B. SUBSEQUENT DESCRIPTIONS</b>	None
Sighting prior to entanglement	9/25/08
Re-sightings <b>POST-ENTANGLEMENT</b>	1/4/09
Life History Information	Subadult, unknown sex
<b>NMFS</b> Serious Injury/Mortality Determination	Human-induced injury

## FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E41 - 08		
Field No.	J 122609 rw	Date 1 <sup>st</sup> Observed	12/26/08
Location 1 <sup>st</sup> Observed	1.25 NM east of Butler Beach 29° 46.9'N 81° 13.9'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Right Whale	Gear Recovered (y/n)	Yes
Individual ID	#3701	Gear Analysis Conducted (y/n)	Yes

### GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	Dec. 26, 27 & 28	Gear Retrieved By	FWC
Date Gear Received	1/14/09	Received From	FWC
Sources:	USCG	Date Set	3 <sup>rd</sup> week Nov., 2008
	CCS	Date Lost	3 days after it was set
	Fisherman	Owner Interview	Location 4 nm SSE Wolves Bank, N.B., BOF
	Other	Depth	~ 45 fm
		Bottom Type	gravel rock & mud mix
Gear Type:	Lobster trap	Target Species:	Lobster
<p><u>Gear Description:</u> Recovered gear consists of a surface system comprised of an A3 polyball and a 6" x 11" bullet buoy separated by 3 fm of 5/16" sink rope. The endline runs down from the poly ball 113 fm to a "C" link. The endline is made up of 3 different lines spliced together, 5/16" by 8 fm sink rope, 3/8" by 20 fm sink rope and 3/8" by 85 fm of float rope going from top to bottom. The poly ball was clearly marked and led to identification of owner and subsequent interview.</p>			
<p><u>Comments:</u> The owner described the gear as a 12 trap lobster trawl just short of 1/2 mile in length. Traps are separated by 35 fm of floating ground line. The "C" link at the bottom of the endline attaches to a 35 pound pick axe style anchor. There is a surface system, endline and anchor at each end of the trawl. The owner found the endline missing 3 days after the trawl had been set. All that was missing was the endline. The trawl was found in the same position in which it had been set.</p>			
<p><u>Conclusions:</u> Entanglement resulting from the whale encountering the endline of a 12 pot lobster trawl set in Canadian waters approximately 5 nm northeast of Northern Head, Grand Manan Island, N.B. Canada.</p>			
Report By:	John F. Kenney	Date:	2/15/10
		Current Location of Gear	Gear was forwarded to DFO

## 2008 Ship Strikes

<b>NMFS No.</b>	SS01-08
<b>Indication of Strike</b>	Suspected
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)</b>	Unknown
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	5/25/08
<b>Species</b>	Unknown
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	Off Friendship, ME
<b>Latitude/Longitude 1st OBSERVED</b>	43° 51.983'N 69° 19.950'W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Unknown whale reported with ship strike wounds.
<b>Description of wounds/condition</b>	Fisherman described the whale as "mangled," with lacerations consistent with ship strike. Its wounds were on the rear 1/3 and appeared to have been caused by a substantial impact, not from a propeller. The tail was at an angle that would indicate it was broken. Fisherman described the whale as "struggling at the surface." Animal was not relocated or resighted to confirm or document injuries.
<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>	None
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS02-08
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)</b>	Alive
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	6/11/08
<b>Species</b>	Humpback
<b>Individual ID</b>	Nuages' calf
<b>Location 1st OBSERVED</b>	Stellwagen Bank
<b>Latitude/Longitude 1st OBSERVED</b>	42° 16.65'N 70° 16.65'W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	WCNE naturalist sighted a humpback calf with previously undocumented propeller wounds.
<b>Description of wounds/condition</b>	6/11/08 – Naturalist described injury as a fresh wound running down the right flank. Propeller marks were noted along with a straight line running under the prop marks that was described as bloody.  7/16/08 – Wounds appear to be healing. Straight line under prop marks is no longer red.
<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>	6/8/08, but only left side of calf seen.
<b>Re-sightings POST- STRIKE</b>	7/11/08 – 42° 08.675'N 70° 19.450'W 7/16/08 – 42° 06.478'N 70° 12.242'W
<b>Life History Information</b>	Calf
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS03-08
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Dead
<b>SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)</b>	N/A
<b>Date of Strike</b>	Unknown
<b>Date 1st Observed</b>	7/2/08
<b>Species</b>	Fin
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	17 miles E of Barnegat Inlet, NJ
<b>Latitude/Longitude 1st OBSERVED</b>	39° 40.682'N 73° 43.177'W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Partial necropsy revealed evidence of impact on right side, including broken vertebrae and hemorrhaging.
<b>Description of wounds/condition</b>	<p>Moderately decomposed when first sighted.</p> <p>Advanced decomposition at time of necropsy. Area on right side from the base of head to pectoral fin exhibited evidence of impact, including blood in the blubber layer and hemorrhaging in the underlying muscle. The tissues surrounding the ball joint of the right flipper were necrotic and showed signs of hemorrhaging. Vertebrae behind the occipital condyle were fractured and/or fragmented; the surrounding tissues were necrotic and showed signs of hemorrhaging as well.</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>	7/2/08, dead floating
<b>Life History Information</b>	Male, 14.81m.
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced mortality

<b>NMFS No.</b>	SS04-08
<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>	7/23/08
<b>Date 1st Observed</b>	7/23/08
<b>Species</b>	Humpback
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	NW corner of Stellwagen Bank National Marine Sanctuary
<b>Latitude/Longitude 1st OBSERVED</b>	42° 26.366'N 70° 32.286'W
<b>Location of strike</b>	42° 26.366'N 70° 32.286'W
<b>Event Summary</b>	WCNE naturalists witnessed a fishing vessel interact with two humpback whales (see related case SS05-08 below). Front right side of vessel struck whales in throat as they surfaced consecutively. The whales sank vertically and re-surfaced approximately 100 yards off port quarter of the vessel.
<b>Description of wounds/condition</b>	No wounds noted or described. No blood seen in water. No unusual behavior noted after strike.
<b>Vessel Description</b>	Fishing vessel; lobster boat
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown; "clutch speed forward"
<b>C. Size</b>	35 ft
<b>Sighting prior to strike</b>	Naturalists saw whales in the vicinity of the fishing vessel over a period of 2 hours.
<b>Re-sightings POST- STRIKE</b>	Unknown—no individual IDs made
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS05-08
<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>	7/23/08
<b>Date 1st Observed</b>	7/23/08
<b>Species</b>	Humpback
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	NW corner of Stellwagen Bank National Marine Sanctuary
<b>Latitude/Longitude 1st OBSERVED</b>	42° 26.366'N 70° 32.286'W
<b>Location of strike</b>	42° 26.366'N 70° 32.286'W
<b>Event Summary</b>	WCNE naturalists witnessed a fishing vessel interact with two humpback whales (this case is concurrent with case SS04-08 above). Front right side of vessel struck whales in throat as they surfaced consecutively. The whales sank vertically and re-surfaced approximately 100 yards off port quarter of the vessel.
<b>Description of wounds/condition</b>	No wounds noted or described. No blood seen in water. No unusual behavior noted after strike.
<b>Vessel Description</b>	Fishing vessel; lobster boat
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown; "clutch speed forward"
<b>C. Size</b>	35 ft
<b>Sighting prior to strike</b>	Naturalists saw whales in the vicinity of the fishing vessel over a period of 2 hours.
<b>Re-sightings POST- STRIKE</b>	Unknown—no individual IDs made
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS06-08
<b>Indication of Strike</b>	Confirmed
<b>INITIAL STATUS</b>	Alive
<b>SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)</b>	Alive
<b>Date of Strike</b>	Unknown; previously sighted on 7/24/08 with no prop wounds
<b>Date 1st Observed</b>	7/26/08
<b>Species</b>	Humpback
<b>Individual ID</b>	"Underline"
<b>Location 1st OBSERVED</b>	Stellwagen Bank
<b>Latitude/Longitude 1st OBSERVED</b>	42° 25.322'N 70° 25.469'W
<b>Location of strike</b>	Unknown, but likely near Stellwagen due to inference from sighting history.
<b>Event Summary</b>	WCNE naturalist photographed Underline with previously undocumented ship strike wounds.
<b>Description of wounds/condition</b>	New scars noted across dorsal fin.
<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>	Whale seen two days prior on Stellwagen with no propeller scars.
<b>Re-sightings POST- STRIKE</b>	Contact WCNE
<b>Life History Information</b>	Male, adult
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS07-08
<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>	8/17/08
<b>Date 1st Observed</b>	8/17/08
<b>Species</b>	Unknown
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	½ mile NW of Block Island
<b>Latitude/Longitude 1st OBSERVED</b>	41° 16.5'N 71° 34.8'W
<b>Location of strike</b>	Same as above
<b>Event Summary</b>	Vessel reported striking a whale.
<b>Description of wounds/condition</b>	No wounds noted. Captain reported that animal seemed "fine" immediately following incident.
<b>Vessel Description</b>	Unknown; M/V My Way
<b>A. Vessel Type</b>	
<b>B. Speed</b>	Unknown
<b>C. Size</b>	Unknown
<b>Sighting prior to strike</b>	Saw a "fin" just prior to incident
<b>Re-sightings POST- STRIKE</b>	Unknown
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS08-08
<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>	9/3/08
<b>Date 1st Observed</b>	9/3/08
<b>Species</b>	Unknown; dorsal fin noted
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	Stellwagen Bank
<b>Latitude/Longitude 1st OBSERVED</b>	42° 22.24'N 70° 23.693'W
<b>Location of strike</b>	Same as above
<b>Event Summary</b>	USCG rigid hull inflatable struck a whale while en route to conduct a boarding. While en route, a possible whale surfaced in the trough between waves, and the small boat landed on the animal as the wave flattened. The prop did not appear to hit the animal.
<b>Description of wounds/condition</b>	No wounds noted.
<b>Vessel Description</b>	Rigid hull inflatable
<b>A. Vessel Type</b>	
<b>B. Speed</b>	12 knots prior; slowed to "clutch ahead" immediately before contact
<b>C. Size</b>	17 ft.
<b>Sighting prior to strike</b>	Swirling water seen on starboard side immediately prior to contact.
<b>Re-sightings POST- STRIKE</b>	Whale surfaced after incident, then submerged and transited away.
<b>Life History Information</b>	Unknown
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced injury

<b>NMFS No.</b>	SS09-08
<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>	11/4/08
<b>Species</b>	Humpback
<b>Individual ID</b>	Unknown
<b>Location 1st OBSERVED</b>	Assateague Island National Seashore, MD
<b>Latitude/Longitude 1st OBSERVED</b>	38° 12.498'N 75° 08.832'W
<b>Location of strike</b>	Unknown
<b>Event Summary</b>	Dead whale reported stranded on beach. Necropsy conducted, revealing evidence of ship strike.
<b>Description of wounds/condition</b>	Carcass described as moderately decomposed. Old line marks noted. Subcutaneous and muscular hemorrhage in the ventral cervical region on the left side. Blood in thoracic cavity. Numerous fractures in caudal third of skull.
<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>	Dead ashore
<b>Life History Information</b>	Male, subadult, 10.14m
<b>NMFS Serious Injury/Mortality Determination</b>	Human-induced mortality