

FINAL

Large Whale Entanglement and Ship Strike Report 2005

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FINAL

2005 Large Whale Entanglement and Ship Strike Report

Table 1: Summary of 2005 large whale entanglement reports for live entangled whales.

Indication of Entanglement* - Live Whales

	Yes	No	TOTAL
Right Whale	2	1	3
Humpback Whale	12	1	13
Fin Whale	0	1	1
Minke Whale	0	0	0
Unknown	1	5	6
TOTAL	15	8	23

Table 2: Summary of 2005 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	0	0	0
Fin Whale	0	0	0
Minke Whale	2	0	2
Bryde's spp.	0	0	0
Unknown	0	0	0
TOTAL	2	0	2

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

- Gear was reported on a whale by a reliable observer.
- Gear was photo-documented on a whale.
- Gear was retrieved from a whale.

- Marks/wounds from gear were documented on a whale carcass, excluding healed scars.
- Gear was reported on a whale by an inexperienced observer who was interviewed by NMFS or CCS staff and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

Table 3: Summary of 2005 large whale ship strike reports for live whales.

Indication of Ship Strike*

	Confirmed	Suspected	TOTAL
Right Whale	5	0	5
Humpback Whale	1	0	1
Fin Whale	5	0	5
Minke Whale	1	0	1
Sei Whale	0	0	0
Unknown	3	0	3
TOTAL	15	0	15

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

- A vessel reports a collision and visually confirms a whale either before or after the strike, or sights blood in the water following indication of collision.
- A vessel comes into port with a whale on its bow and necropsy or other analysis by a qualified individual indicates the strike was pre-mortem.
- An experienced observer reports witnessing a vessel strike a whale.
- A necropsy concludes that injuries consistent with ship strike were pre-mortem
- An experienced observer sights a live whale with previously unobserved wounds consistent with ship strike, or reviews photographs and indicates that the wounds present are previously unobserved wounds consistent with ship strike.
- An inexperienced observer reports witnessing a vessel strike a whale, and interview by qualified 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.
- A carcass or live whale bears indications of pre-mortem wounds consistent with ship strike, but there is some doubt as to whether the wounds were caused by a vessel.
- Any of the above scenarios is described/witnessed by an inexperienced observer, and the event cannot be confirmed via photograph or other means by an experienced individual.

NOTE:

- Data are represented as accurately as possible with information received as of April 2008.
- New England Aquarium provided sighting and life history information for right whales.
- Provincetown Center for Coastal Studies provided sighting and life history information for humpback whales.

Table 4: Key for acronyms used in this report

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

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Entanglement Report Number	Species	Date of Report	Gear Present	Gear Collected	Dead/Alive	Type of Gear
E01-05	Unk	1/2/2005	Yes	No	Alive	N/A
E02-05	Unk	1/11/2005	Yes	No	Alive	N/A
E03-05	Humpback	2/13/2005	Yes	No	Alive	N/A
E04-05	Right	2/17/2005	Unk	No	Alive	N/A
E05-05	Humpback	5/19/2005	Yes	No	Alive	N/A
E06-05	Humpback	5/29/2005	Yes	No	Alive	N/A
E07-05	Right	6/8/2005	Yes	No	Alive	N/A
E08-05	Humpback	7/9/2005	Yes	No	Alive	N/A
E09-05	Humpback	7/15/2005	Yes	No	Alive	N/A
E10-05	Humpback	7/21/2005	Yes	No	Alive	N/A
E11-05	Humpback	7/21/2005	Yes	Yes	Alive	Whelk Pot
E12-05	Unk	7/22/2005	Yes	No	Alive	N/A
E13-05	Fin	7/24/2005	Unk	No	Alive	N/A
E14-05	Unk	8/12/2005	Yes	No	Alive	N/A
E15-05	Humpback	8/12/2005	Yes	Yes	Alive	Lobster
E16-05	Unk	8/19/2005	Yes	No	Alive	N/A
E17-05	Humpback	8/30/2005	Yes	No	Alive	N/A
E18-05	Humpback	9/3/2005	Yes	No	Alive	N/A
E19-05	Humpback	9/5/2005	Yes	No	Alive	N/A
E20-05	Humpback	9/11/2005	Yes	No	Alive	N/A
E21-05	Unk	9/14/2005	Yes	No	Alive	N/A
E22-05	Minke	9/20/2005	No	No	Dead	N/A
E23-05	Minke	9/25/2005	No	No	Dead	N/A
E24-05	Humpback	10/22/2005	Yes	No	Alive	N/A
E25-05	Right	12/3/2005	Yes	Yes	Alive	Unk

Ship Strike Report Number	Date of Report	Species/ID	Location
SS01-05	02/16/05	Right #2753	St. Augustine, FL
SS02-05	02/24/05	Right	Brunswick Channel, GA
SS03-05	03/10/05	Right #2425	Cumberland Island, GA
SS04-05	03/26/05	Fin	Virginia Beach, VA
SS05-05	04/03/05	Fin	Southampton, NY
SS06-05	04/28/05	Right	Monomoy Island, MA
SS07-05	05/15/05	Unknown	Offshore, Chesapeake Bay
SS08-05	05/23/05	Minke	Port Elizabeth, NJ
SS09-05	06/30/05	Fin "Loon"	Provincetown, MA
SS10-05	07/14/05	Right	Great South Channel
SS11-05	07/27/05	Unknown	Offshore, NC
SS12-05	08/23/05	Fin	Port Elizabeth, NJ
SS13-05	08/25/05	Unknown	Offshore, FL
SS14-05	09/11/05	Fin	Quebec
SS15-05	11/28/05	Humpback "Regulus"	Cape Cod, MA

2005 Entanglements

NMFS No.	E01-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	01/02/2005
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	1/4 NM north of Sankaty Light, Nantucket
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 18.0'N 69° 57.0'W
Event Description	<p>01/02/05</p> <ul style="list-style-type: none"> • Animal observed by beachgoers and reported to the Nantucket Stranding Network. • Animal was only observed lifting its head from the water once and the observer thought that he saw netting over the head. • The whale was reported to appear to be mobile and slowly heading up and down the beach just offshore.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Observer reported that the animal appeared to have netting over the head.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, animal reported to be between 20-25 feet
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 01 - 05		
Field No.	J010205	Date 1 st Observed	1/2/05
Location 1 st Observed	1 nm NE of Sankaty light Nantucket I., MA 41° 18' N, 69° 57' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u> <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:	10/25/06	Current Location of Gear	N.A.

NMFS No.	E02-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	01/11/2005
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	200 yards offshore of Pawley's Island, SC
Latitude/Longitude 1st OBSERVED ENTANGLED	33° 25.3'N 79° 7.6'W
Event Description	<p>01/11/05</p> <ul style="list-style-type: none"> • A beach jogger reported an entangled whale to the South Carolina DNR. • Beachgoers reported to be concerned with the whale's behavior and the possibility that the animal had green netting over the head. • Images obtained by the bystanders were poor quality and didn't confirm the species or the entanglement.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported to have green netting over its head.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	

<p>A. Gear Type</p> <p>B. GEAR PART/LINE TYPE</p> <p>C. LOCATION OF SET</p> <p>D. POTENTIAL POINT OF ENCOUNTER WITH GEAR</p>	<p>Unknown – no gear recovered</p>
<p>Sighting prior to entanglement</p> <p>Re-sightings POST-ENTANGLEMENT</p>	<p>Unknown</p> <p>Unknown – animal not resighted</p>
<p>Life History Information</p>	<p>Unknown sex, animal reported to be between 30-35 feet</p>
<p>NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)</p>	<p>Human-caused Injury</p>

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 02 - 05		
Field No.	J011105	Date 1 st Observed	1/11/05
Location 1 st Observed	200 yards off the beach or Pawley's Island, SC. 33° 25' N, 79° 8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	10/25/06
		Current Location of Gear	N.A.

NMFS No.	E03-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains Entangled
Date 1st Observed Entangled	02/13/2005
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Silver Bank, Dominican Republic
Latitude/Longitude 1st OBSERVED ENTANGLED	20° 36.9'N 69° 37.0'W
Event Description	<p>02/13/05</p> <ul style="list-style-type: none"> • Researchers aboard the NOAA research vessel, <i>Gordon Gunter</i>, observed an entangled humpback whale interacting with other animals near the ship. • Whale is reported to be free-swimming.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported as having line present on both sides of the head, joining into a knot posterior to the blowhole and extending down the left side of the animal toward the left pectoral flipper. No trailing line was observed. The line did not appear to be embedded or constricting.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Re-sightings POST-ENTANGLEMENT

Unknown – animal not resighted

Life History Information

Unknown sex, animal reported to be an adult

NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)

Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 03 - 05		
Field No.	J021305	Date 1 st Observed	2/3/05
Location 1 st Observed	Silver Bank Dominican Republic 20° 37' N, 69° 37' 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:	11/7/06	Current Location of Gear	N.A.

NMFS No.	E04-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	02/17/2005
Species	Right
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	2 NM off Flagler Beach, FL
Latitude/Longitude 1st OBSERVED ENTANGLED	29° 25.0'N 81° 4.0'W
Event Description	<p>02/17/05</p> <ul style="list-style-type: none"> • An aerial survey team conducting surveys of the right whale calving grounds identified a possible entangled right whale after the survey when reviewing images from the day. • Whale reported to have a blue line across the head. • Observers not entirely sure if the animal is entangled or the possible line is just a scar.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported as a possible blue line across the head of the animal.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Animal observed by another aerial survey team on 01/25/05 and the observers thought that the animal had a scar.

Re-sightings **POST-ENTANGLEMENT**

Unknown – animal not resighted

Life History Information

Unknown sex, unknown length

NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)

Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 04 - 05		
Field No.	J021705	Date 1 st Observed	2/17/05
Location 1 st Observed	1.5 nm off Flagler Beach, N. Of Datona Beach, FL 29° 25' N, 81° 4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	observation
Species	right whale	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:	10/25/06	Current Location of Gear	N.A.		

NMFS No.	E05-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains Entangled
Date 1st Observed Entangled	05/19/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	34 NM east of Nantucket, MA, near the "BB" buoy
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 17.5'N 69° 12.4'W
Event Description	<p>05/19/05</p> <ul style="list-style-type: none"> • Researchers aboard the NOAA research vessel, <i>Albatross IV</i> observed an entangled humpback whale. • The animal was observed surface feeding, mouth wide open. • The animal was swimming freely, heading north and lunge feeding. • The animal appeared to "swim" funny, struggling as if it was tied up via the flukes and pectoral flippers.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported to have a bullet-type buoy trailing approximately 30 feet from the whale. Attachment point was not possible to ascertain.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered

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

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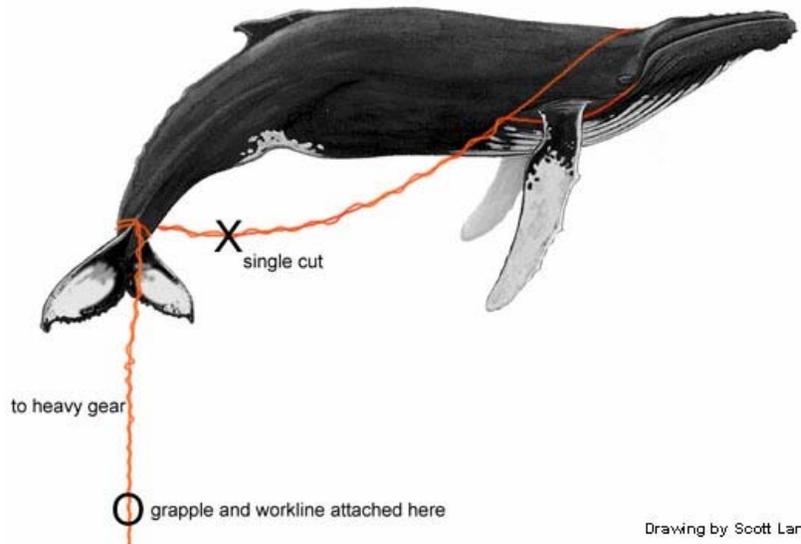
FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 05 - 05		
Field No.	J051905	Date 1 st Observed	5/19/05
Location 1 st Observed	34 nm E. Of Nantucket I. Near the "BB" buoy 41° 17' N, 69° 12' 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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E06-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains Entangled
Date 1st Observed Entangled	05/29/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 21 NM east of Newburyport, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 52.19'N 70° 19.28'W
Event Description	<p>05/29/05</p> <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the ALWDN. • Whale watch vessels take turns standing by. • A contracted Sea Tow vessel arrives to stand by until the PCCS disentanglement team arrives. • The team grappled the twisted line towing beneath the whale, but were unable to raise the heavy gear by hand. • With decreasing daylight, the line was cut just forward of the flukes, leaving a single short piece of trailing line coming out of the mouth.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to have a single wrap of line around tail. Line coming from the tail is weighted or anchored.
B. SUBSEQUENT DESCRIPTIONS	The disentanglement team reported that the whale was first entangled by a single line through the mouth which then came together in a bridle and twisted together along the whale's right flank. The twisted line then wrapped over the flukes before descending down to heavily weighted gear.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



Description of Wounds/**CONDITION**

A. DURING INITIAL SIGHTING

B. SUBSEQUENT DESCRIPTIONS

NMFS GEAR ANALYSIS

A. Gear Type

B. GEAR PART/LINE TYPE

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Re-sightings **POST-ENTANGLEMENT**

Life History Information

NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)

None noted

Disentanglement team noted that the entanglement left the whale with substantial injuries that were likely to result in scarring, especially on the tail.

Unknown – no gear recovered

Unknown

Unknown – animal not resighted

Unknown sex, unknown length

Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 06 - 05		
Field No.	J052905	Date 1 st Observed	5/29/05
Location 1 st Observed	17 nm NE Cape Ann, MA Jefferys Ledge, GOM 42° 52' N, 70° 19' 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:	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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E07-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	06/08/05
Species	Right
Individual ID	1167, "Houdini"
Location 1st OBSERVED ENTANGLED	70 NM ESE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 55.1'N 68° 42.6'W
Event Description	<p>06/08/05</p> <ul style="list-style-type: none"> The NOAA SAS aerial survey team reported an entangled whale to the ALWDN. The whale was observed with 17-18 other right whales. The aerial survey team thoroughly documented the entanglement but due to the late time of day, no disentanglement response was possible. <p>06/09/05</p> <ul style="list-style-type: none"> Researchers from NOAA, PCCS, and NEAq searched, via aircraft and vessel, the vicinity of the 06/08/05 report, but were unable to relocate the entangled whale. Researchers with NEAq identify whale as right whale #1167, an adult male first seen in 1981 and was previously entangled in March 2000. <p>09/06/05</p> <ul style="list-style-type: none"> Researchers with NEAq aboard the R/V <i>Galatea</i> photographed right whale #1167 on Roseway Basin at 42° 46.5'N / 65° 41.2'W, approximately 40 NM south of Cape Sable, Nova Scotia. It wasn't until subsequent photo-analyses that the entanglement was identified. <p>04/27/06</p> <ul style="list-style-type: none"> Researchers on the PCCS/MA-DMF aerial survey located right whale #1167 at 41° 51.6'N / 70° 19.8'W. No entangling or trailing gear was observed and it wasn't until subsequent photo-analyses that the entanglement was

identified.

05/05/06

- Researchers on the PCCS/MA-DMF aerial survey located right whale #1167 at 42° 4.25'N / 70° 26.13'W.
- Researchers from PCCS on the R/V *Shearwater* located right whale #1167 at 42° 1.44'N / 70° 28.6'W.
- No entangling or trailing gear was observed and it wasn't until subsequent photo-analyses that the entanglement was identified.

05/06/06

- Researchers on the PCCS/MA-DMF aerial survey located right whale #1167 at 41° 59.9'N / 70° 31.5'W.
- No entangling or trailing gear was observed and it wasn't until subsequent photo-analyses that the entanglement was identified.

05/08/06

- Researchers from PCCS on the R/V *Shearwater* located right whale #1167 at 42° 00.6'N / 70° 30.6'W.
- No entangling or trailing gear was observed and it wasn't until subsequent photo-analyses that the entanglement was identified.

05/12/06

- Based on new photo-analyses of images of right whale #1167 depicting both overall improving body condition and the nature of the entanglement the status remains as Entangled but the recommended action changed from Intervene to Monitor.

02/27/07

- Researchers from PCCS located right whale #1167 among a surface active group at 42° 3.23'N / 70° 3.82'W, approximately a half mile off the beach in Truro, MA.
- Images acquired and later analyzed showed that the area of concern was no longer entangled and the status was changed to Gear shed with no additional action needed.

Description of Gear on Whale **AS REPORTED**

A. DURING INITIAL SIGHTING

The whale had 4-5 body lengths, approximately 200ft, of green line trailing to a wad of line. No buoys were observed.

B. SUBSEQUENT DESCRIPTIONS

C. DIAGRAM OF ENTANGLING GEAR ON WHALE

Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	09/06/05
B. SUBSEQUENT DESCRIPTIONS	<ul style="list-style-type: none"> • Researchers with NEAq commented that the whale did not look good. It was traveling slowly and was fluking after every breath. He appeared to be thin with red cyamid patches on his body and his skin was gray in color.
	04/27/06
	<ul style="list-style-type: none"> • Researchers with PCCS observed scarring on the left flipper insertion.
	05/30/06
	<ul style="list-style-type: none"> • Researchers with NEAq provided a new assessment of this whale. They commented that the whale appears to be in fine condition. Overall body condition looks good, no cyamids in blowholes, and skin generally looks fine. There is one area of skin that looks a little unusual and should be closely monitored, just posterior to the right blowhole.
NMFS GEAR ANALYSIS	
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Sighted by NOAA-NEFSC researchers in the Gulf of Maine on 11/02/2004.
Re-sightings POST-ENTANGLEMENT	02/27/07
	<ul style="list-style-type: none"> • Researchers from PCCS located right whale #1167 among a surface active group at 42° 3.23'N / 70° 3.82'W, approximately a half mile off the beach in Truro, MA.
	09/10/07
	<ul style="list-style-type: none"> • Researchers with NEAq located right whale #1167 in the Bay of Fundy.
Life History Information	Adult Male, unknown birth year, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 07 - 05		
Field No.	J060805	Date 1 st Observed	6/8/05
Location 1 st Observed	70 nm ESE Race Point, Cape Cod, MA 41° 55' N, 68° 43' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right whale	Gear Recovered (y/n)	No
Individual ID	Eg # 1167	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:	3/30/07
		Current Location of Gear	N.A.

NMFS No.	E08-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	07/09/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 20 NM east of Newburyport, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 50.29'N 70° 21.61'W
Event Description	<p>07/09/05</p> <ul style="list-style-type: none"> • A fisherman reports an entangled whale to the USCG. • The report is relayed to the ALWDN. • Due to the lateness of the call a response is not possible. • Whale reported to be restricted in movement by fixed or weighted gear. • Whale reported to have long, white flippers, white belly and a long narrow jaw with bumps. <p>07/10/05</p> <ul style="list-style-type: none"> • A thorough search of the area by local whale watch vessels, the reporting fisherman, and PCCS resulted in no subsequent sightings of the entangled whale.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to be entangled in a single wrap of orange line around the body forward of the dorsal fin. There were also reported associated buoys, including an orange highflyer and smaller orange buoy, possibly the surface system. Whale also reported to be restricted in movement by either weighted or anchored gear.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	

Description of Wounds/CONDITION	
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, estimated to be 20 ft in length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 08 - 05		
Field No.	J070905	Date 1 st Observed	7/9/05
Location 1 st Observed	17 nm NE Cape Ann, MA Jefferys Ledge, GOM 42° 50' N, 70° 22' 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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E09-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	07/15/05
Species	Humpback
Individual ID	Regulus
Location 1st OBSERVED ENTANGLED	Stellwagen Bank, 12 NM north of Race Point, Provincetown, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 15.86'N 70° 17.03'W (approximation)
Event Description	<p>07/15/05</p> <ul style="list-style-type: none"> • A PCCS naturalist aboard a whale watch vessel reports an entangled humpback whale to the ALWDN. • No disentanglement response was possible due to the late timing of the initial report. <p>07/20/05</p> <ul style="list-style-type: none"> • A whale watch vessel reported sighting entangled humpback whale, "Regulus", late in the afternoon on 07/19/05 at 42° 15.76'N / 70° 16.75'W to the ALWDN. • A disentanglement team from PCCS is on the water searching the area. No entangled whales were sighted. <p>07/30/05</p> <ul style="list-style-type: none"> • Researchers from PCCS on the R/V <i>Shearwater</i> located entangled humpback whale, "Regulus", approximately 4NM east of the Highland Light on Cape Cod. • A PCCS disentanglement team attempted to get close enough to access the entangling line but was unsuccessful. The whale was traveling quickly northwest throughout the day. <p>08/29/05</p> <ul style="list-style-type: none"> • A whale watch vessel reported sighting entangled humpback whale, "Regulus", late in the afternoon on 08/28/05 at 42° 26.43'N / 70° 28.43'W to the ALWDN. • Another whale watch vessel reported sighting entangled humpback whale, "Regulus", late in the afternoon on 08/28/05 at 42° 26.688'N / 70° 28.198'W to the ALWDN. • No disentanglement response was possible due to the late

	<p>timing of the initial report.</p> <p>09/27/05</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting entangled humpback whale, "Regulus", at 43° 08.61'N / 70° 19.15'W to the ALWDN. The whale was reported to have a deep crease around the mid-section but no line was observed. It is unknown at this point if the line is just deeply embedded or is completely gone. <p>09/28/05</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting entangled humpback whale, "Regulus", at 43° 02.45'N / 70° 04.88'W to the ALWDN. <p>11/28/05</p> <ul style="list-style-type: none"> Researchers from PCCS on the R/V <i>Shearwater</i> located entangled humpback whale, "Regulus", at 42° 11.71'N / 70° 06.8'W. The whale is reported to be completely gear-free. <p>04/21/06</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting humpback whale, "Regulus", completely gear-free, at 42° 25.19'N / 70° 28.6'W to the ALWDN.
<p>Description of Gear on Whale AS REPORTED</p> <p>A. DURING INITIAL SIGHTING</p> <p>B. SUBSEQUENT DESCRIPTIONS</p> <p>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</p>	<p>Animal reported to be entangled in a single orange line wrapped tightly around the body, pinning the right flipper to the body. No gear was observed on the tailstock or flukes and trailing behind the animal.</p> <p>07/30/05</p> <ul style="list-style-type: none"> The line is reported to be cutting into the skin completely around the animal. There is indication that the flippers are not wrapped completely, but the line does appear to cut into to both flippers to some degree. The line across the ventral surface of the animal, beneath the flippers, appears to be almost cut through and could be a weak spot in the line.
<p>Description of Wounds/CONDITION</p> <p>A. DURING INITIAL SIGHTING</p> <p>B. SUBSEQUENT DESCRIPTIONS</p>	<p>Animal reported to appear thin, with shoulder blades visible.</p> <p>07/30/05</p> <ul style="list-style-type: none"> Animal reported to be very active and observed to have relatively good skin tone. The animal is reported to still appear thin.

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 09 - 05		
Field No.	J071505	Date 1 st Observed	7/15/05
Location 1 st Observed	12 nm N Race Point, Cape Cod, MA 42° 16' N, 70° 17' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Regulus	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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E10-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Possibly gear free
Date 1st Observed Entangled	07/21/05
Species	Humpback
Individual ID	Fulcrum
Location 1st OBSERVED ENTANGLED	20 NM east of Hampton Beach, NH
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 53.07'N 70° 21.19'W
Event Description	<p>07/21/05</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", at 42° 53.07'N / 70° 21.19'W to the ALWDN. <p>09/02/05</p> <ul style="list-style-type: none"> A PCCS naturalist aboard a whale watch vessel reports entangled humpback whale, "Fulcrum", to the ALWDN. No disentanglement response was possible due to the late timing of the initial report. <p>09/05/05</p> <ul style="list-style-type: none"> A whale watch vessel reports entangled humpback whale, "Fulcrum", 42° 14.69'N / 70° 17.89'W to the ALWDN. The entanglement is considered minor and the disentanglement recommendation is to continue to monitor the animal. <p>09/08/05</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", late in the afternoon at 42° 24.9'N / 70° 29.05'W to the ALWDN. A NMFS responder, along with MEP respond and obtain additional documentation and attempt to grapple onto the trailing gear but grapple attempts were unsuccessful. <p>09/09/05</p> <ul style="list-style-type: none"> A whale watch vessel reports sighting entangled humpback

whale, "Fulcrum", at 42° 14.32'N / 70° 20.80'W to the ALWDN.

- A PCCS disentanglement team responds and is unable to relocate the animal.

09/10/05

- A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", on Stellwagen Bank to the ALWDN.
- A PCCS disentanglement team responds and is unable to get close enough to the animal to grapple onto the trailing gear.

09/13/05

- Researchers from PCCS on the R/V *Shearwater* located entangled humpback whale, "Fulcrum", at 42° 12.3'N / 70° 05.5'W.
- A PCCS disentanglement team responds and is unable to get close enough to the animal to grapple onto the trailing gear.

09/14/05

- A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", at 42° 14.26'N / 70° 08.40'W to the ALWDN.
- No response was initiated.

09/15/05

- A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", to the ALWDN.
- No response was initiated due to high seas.

09/16/05

- The sailing vessel *Spirit of Massachusetts* reports sighting entangled humpback whale, "Fulcrum", at 42° 10.34'N / 70° 05.52'W to the ALWDN.
- A PCCS disentanglement team responds and is unable to get close enough to the animal to grapple onto the trailing gear.
- Another whale watch vessel reports sighting entangled humpback whale, "Fulcrum", to the ALWDN. Good quality images are obtained of the animal during a breach and a better understanding of the entanglement is acquired.

10/04/05

- A whale watch vessel reports sighting entangled humpback whale, "Fulcrum", to the ALWDN.
- A PCCS disentanglement team responds and doesn't observe any gear on the whale. The team was unable to observe the right lip, but it is thought that the animal may be gear free, additional documentation is needed to confirm.

Description of Gear on Whale **AS**

REPORTED

A. DURING INITIAL SIGHTING

Whale is reported to have pre-existing propeller scars on its dorsal fin and entangled in the injuries is pink lightweight netting. No wraps of gear are known.

B. SUBSEQUENT DESCRIPTIONS

09/02/05

- Gear reported to be potentially a large tangle of monofilament line.

09/05/05

- Gear reported to be monofilament netting with portions of floatline and lead line present. Gear is reported to be loose and moving around considerably when the animal is moving.

09/13/05

- Responders note that the attachment point of the gear on the animal is unknown but has large implications for the severity of the entanglement on the animal. It appears that the gear is attached on the forward left, but it is unclear if it is the flipper or the mouth.

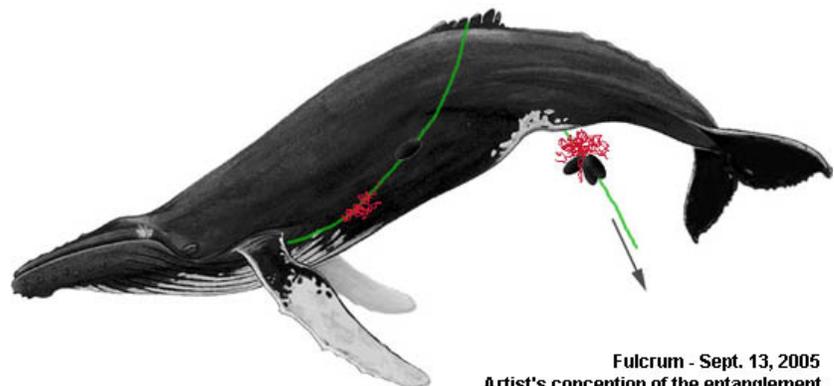
09/16/05

- Researcher's note that the sole attachment point of the gear is in the mouth, with floatline and net exiting the right side only. There doesn't appear to be any other apparent body parts involved.
- The gear is suspected to be trailing an unknown weight as a bitter end of the gear is never observed.

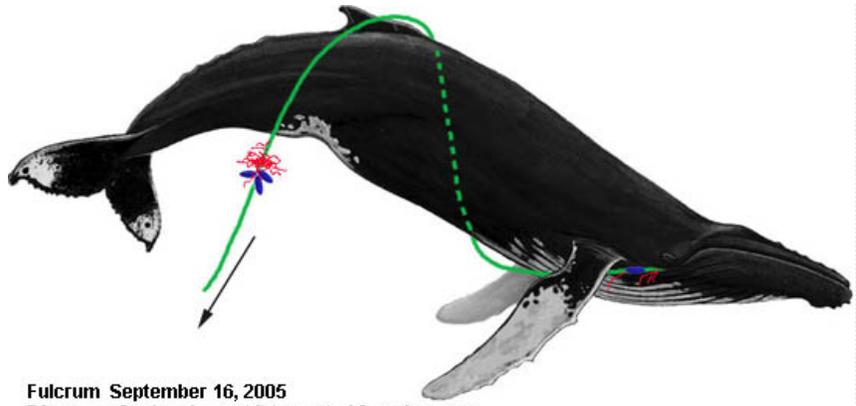
10/04/05

- Responder's note that the gear appears to be gone but that they are unable to observe the right lip. More documentation is needed to confirm that the whale is gear free.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE



Fulcrum - Sept. 13, 2005
Artist's conception of the entanglement
as suggested by photographs and observation



Fulcrum September 16, 2005
 Diagram of entanglement interpreted from images

Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	
Re-sightings POST-ENTANGLEMENT	
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 10 - 05		
Field No.	J072105 - Fulcrum	Date 1 st Observed	7/21/05
Location 1 st Observed	20 nm E of Hampton Beach, NH 42° 53' N, 70° 21' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Fulcrum	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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E11-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	07/21/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Inside the Mingan Islands, Quebec, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	50° 15.31'N 63° 51.02'W
Event Description	<p>07/21/05</p> <ul style="list-style-type: none"> • Sea kayakers reported an entangled humpback whale to PARCS Canada which then coordinated with the Mingan Island Cetacean Study to disentangle the whale. • The whale was successfully disentangled by staff from the Mingan Island Cetacean Study, officers with PARCS Canada and support from IFAW Canada. • The team grappled onto the gear trailing beneath the animal and were able to pull themselves close enough to make numerous cuts on the gear at the head and then at the tail. • Some of the gear was recovered but the pots sank once they were cut. • A small portion of line was remaining in the whale's mouth which is expected to come free over time.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Whale reported to be entangled by the mouth and multiple wraps of line on tail. Reported to be in the buoy-line system of whelk pot gear.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted

B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS A. Gear Type B. GEAR PART/LINE TYPE	Gear recovered Information from the Mingan Island Cetacean Study (MICS) suggest that the whale was entangled through the mouth with the buoy line system from whelk pot gear.
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, 30ft in length (approximation)
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 11 - 05		
Field No.	J072105 - Mingan	Date 1 st Observed	7/21/05
Location 1 st Observed	Mingan Islands, Quebec, CA 50° 15' N, 63° 51' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentangled
Species	humpback	Gear Recovered (y/n)	yes
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	MICS	Depth
			Bottom Type
Gear Type:	whelk pot	Target Species:	whelk
<u>Gear Description:</u>			
<u>Comments:</u>			
<p style="text-align: center;">Information from the Mingan Island Cetacean Study (MICS) the whale was entangled through the mouth with the buoy line system from whelk pot gear.</p>			
<u>Conclusions:</u>			
<p style="text-align: center;">Whale was disentangled from the buoyline of whelk pot gear.</p>			
Report By:	John F. Kenney	Date:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E12-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	07/22/05
Species	Unknown (possible fin or sei whale)
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	11 NM east of Isles of Shoals, NH
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 56.9'N 70° 21.19'W
Event Description	<p>07/22/05</p> <ul style="list-style-type: none"> • A recreational fishing vessel reports an entangled whale to the USCG. • USCG notified Maine DMR which in turn notified the ALWDN. • Reporting fisherman was unable to stand-by the animal. • A NMFS responder, along with MEP and a USCG officer, responded but were unable to relocate the whale. • A NOAA aircraft also searched the area but was unable to relocate the animal. <p>07/23/05</p> <ul style="list-style-type: none"> • A recreational fishing vessel reports an entangled whale to the USCG at 42° 56.35'N / 70° 30.70'W. • The description of the entanglement is similar to 07/22/05 entanglement and is believed to be the same animal. • Reporting fisherman was unable to stand-by the animal. • Whale watch vessels in the area have been notified and have agreed to report any sightings of the animal. <p>07/24/05</p> <ul style="list-style-type: none"> • A recreational vessel reports an entangled whale to the USCG at 42° 34.89'N / 70° 19.76'W. • The description of the entanglement is similar to 07/22/05 and 07/23/05 entanglement and is believed to be the same animal. • The reporting vessel was unable to stand by and no response was initiated.

Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to be restricted in movement by fixed or weighted gear. Trailing behind the animal is approximately 100 feet of line with multiple lobster-type buoys. One buoy was described as green and white in color.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, 40ft in length (approximation)
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 12 - 05		
Field No.	J072205	Date 1 st Observed	7/22/05
Location 1 st Observed	15 nm ESE of Portsmouth, NH 42° 57' N, 70° 21' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved				Gear Retrieved By			
Date Gear Received				Received From			
Sources:	USCG			Date Set			
	CCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
					Bottom Type		
Gear Type:	Unknown - no gear recovered			Target Species:			
<u>Gear Description:</u> <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:	10/19/06	Current Location of Gear	N.A.		

NMFS No.	E13-05
Indication of Entanglement	No
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	07/24/05
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Approximately 14 miles east of Gloucester, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 34.9'N 70° 19.8'W
Event Description	07/24/05 <ul style="list-style-type: none"> • A fishing vessel reports an entangled whale to a USCG Cutter. • USCG notified the ALWDN. • Reporting fisherman was unable to stand-by the animal. • No response was initiated.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 13 - 05		
Field No.	J072405	Date 1 st Observed	7/24/05
Location 1 st Observed	14 nm East of Golucester, MA 42° 35' N, 70° 20' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	fin	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	10/19/06
		Current Location of Gear	N.A.

NMFS No.	E14-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	08/12/05
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Southwest Stellwagen Bank
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 11.0'N 70° 17.0'W
Event Description	08/12/05 <ul style="list-style-type: none"> • A vessel reports an entangled whale to the ALWDN. • The whale was described as a “pilot whale” but unconfirmed. • Vessel was unable to stand by. • No response was initiated.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 14 - 05		
Field No.	J081205unk	Date 1 st Observed	8/12/05
Location 1 st Observed	7 nm NNW Race Point, Cape Cod, MA 42° 11' N, 70° 17' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	10/30/06
		Current Location of Gear	N.A.

NMFS No.	E15-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	08/12/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	West of Browns Bank, 70 NM SSW of Yarmouth, Nova Scotia, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 40.7'N 66° 34.27'W (approximation)
Event Description	<p>08/12/05</p> <ul style="list-style-type: none"> • A Canadian fishing vessel reports an entangled whale to the Canadian Coast Guard. • A Canadian Coast Guard flight relocated the whale and was able to obtain some documentation of the entanglement. <p>08/13/05</p> <ul style="list-style-type: none"> • NOAA ship <i>Delaware II</i> was working on Browns Bank and agreed to respond. • Weather conditions are poor with near zero visibility and high winds. • The NOAA ship <i>Delaware II</i> agree to stand by until a PCCS disentanglement team aboard the <i>RV Shearwater</i> leaves Yarmouth, Nova Scotia and should arrive in the area the following mid-morning (08/14/05) <p>08/14/05</p> <ul style="list-style-type: none"> • Researchers aboard the <i>RV Shearwater</i> arrived at the entangled whale's position at 42° 40.68'N / 66° 33.87'W. • Weather conditions are less than optimal with poor visibility and large seas. • Working from a small inflatable the disentanglement team is able to grapple onto the line below the animal and pull themselves up to the animal to better assess the nature of the entanglement. • A series of cuts were made at the left mouth, left flipper, back and belly to ultimately remove all of the gear from the animal.

Description of Gear on Whale AS REPORTED

A. DURING INITIAL SIGHTING

Whale is reported to be restricted in movement by fixed or weighted gear. Reported to be caught by the tail in the buoy line of a 100 trap trawl of offshore lobster gear. A green buoy is visible near the whale, which may indicate that the whale is caught near the end of the line.

B. SUBSEQUENT DESCRIPTIONS

08/12/05

- The Canadian Coast Guard flight documentation confirmed that the entangled whale was a humpback whale. Documentation also showed that the entanglement consisted of a line wrapping the animal forward of the flipper. The line descends from the animal's right shoulder deep into the water column.
- Two balloon buoys are observed on the animal's back, forward of the tail and a high-flyer with a radar reflector is trailing behind the flukes.

08/13/05

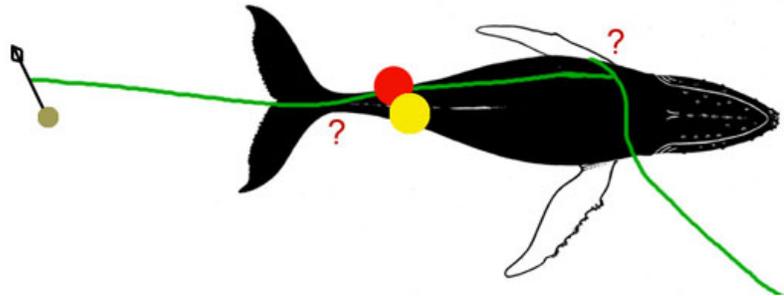
- Researchers aboard the NOAA ship *Delaware II* report that the high-flyer has been broken off about 10" above the float and is positioned relatively closer to the flukes and appears to be somewhat weighted.
- The two Norwegian floats, marked with "C-88", appear to be back a bit further now and are loose. They move aft of the dorsal fin on both the left and right sides of the animal.
- A loose line is sometimes visible on the left side of the animal. It might be attached to the whale's mid-section, as well as the animal's tailstock or flukes.
- A second loose line is visible trailing off the right side of the animal.

08/14/05

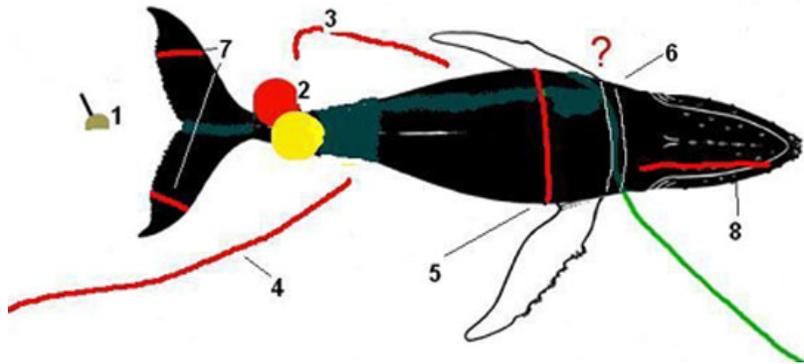
- The entangling line was relatively heavy (~5/8" – 3/4" polypropylene) and was marked by two ball floats. The knot retaining the high-flyer was gone.
- The entanglement hinged at the insertion of the left flipper.
- Line passed through the mouth, exited at the corner of the right side of the mouth, then to a light wrap at the right flipper.
- The line continued to form two loose wraps over the back and two loose wraps across the chest of the animal.
- The line exiting the left mouth went towards four very tight wraps at the insertion of the left flipper.
- A large, twisted mass of line was trailing close to the left flipper.
- The two buoys and the line heading towards the seafloor were connected to the wad of line as well as a series of short lengths of heavy chain.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE

08/13/05



08/14/05



08/15/05

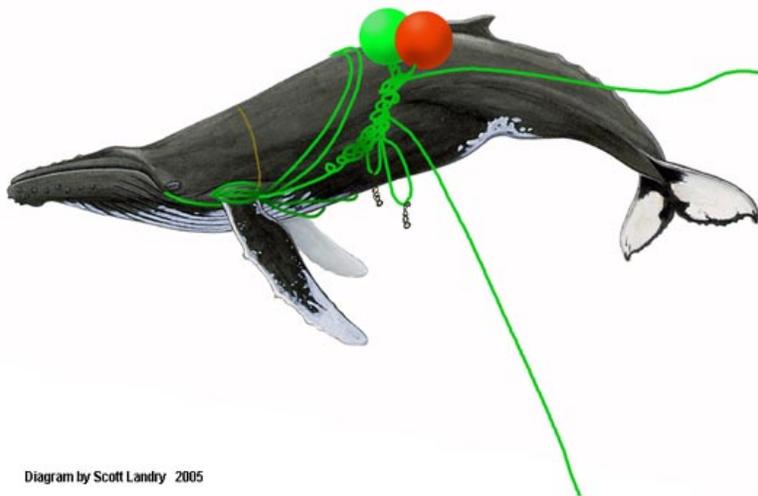


Diagram by Scott Landry 2005

Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

08/13/05

- Line indentations forward of the visible wrap suggest that the lines were more forward at one point in time and under

	tension.
	08/14/05
	<ul style="list-style-type: none"> Animal reported to have a deep embedded scar across the back.
NMFS GEAR ANALYSIS	Gear recovered
A. Gear Type	Lobster
B. GEAR PART/LINE TYPE	Canada's Department of Fisheries and Oceans (DFO) made a gear type determination as lobster gear.
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 15 - 05		
Field No.	J081205 browns	Date 1 st Observed	8/12/05
Location 1 st Observed	70 nm SSW Yarmouth, NS or just W of Browns Bank 42° 41' N, 66° 34' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement 8/12/05
Species	humpback	Gear Recovered (y/n)	yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/14/05	Gear Retrieved By	PCCS
Date Gear Received	9/7/05	Received From	PCCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Lobster	Target Species:	Lobster
<p><u>Gear Description:</u></p> <p>Three short pieces of 5/8" diameter poly totaling approximately 10 feet. Color is light green with a single orange tracer in one strand. Nine links of approximately 5/8" chain, attached to the 5/8" poly with a short length (about 24") of 5/16" poly.</p>			
<p><u>Comments:</u></p> <p>Only a very small portion of the gear was recovered. It's probable, based on the disentanglement information that the entanglement was in the endline of the gear. The chain that was recovered was probably being used as a weight to keep the poly endline from floating at the surface.</p>			
<p><u>Conclusions:</u></p> <p>Canada's Department of Fisheries and Oceans (DFO) made a gear type determination as lobster gear .</p>			
Report By:	John F. Kenney	Date:	10/19/06
		Current Location of Gear	NMFS, N. Kingstown, RI

NMFS No.	E16-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	08/19/05
Species	Unknown (probable minke whale)
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	60 NM east of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 35'N 68° 40'W
Event Description	<p>08/20/05</p> <ul style="list-style-type: none"> • ALWDN received a report regarding an entangled whale observed by a tuna spotting pilot the previous day (08/19/05). • Whale is reported to be free-swimming and trailing a large amount of gear from its tail. • No response initiated.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Animal reported to be free-swimming with a large amount of monofilament net and rope trailing from its tail. There also appears to be at least three buoys, possibly one balloon and the others foam.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered

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

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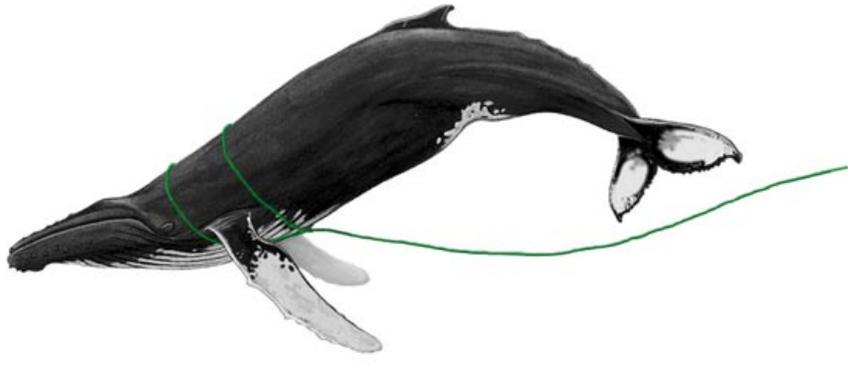
FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 16 - 05		
Field No.	J081905	Date 1 st Observed	8/19/05
Location 1 st Observed	58 nm ESE of Chatham, MA 41° 35' N, 68° 40' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u> <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:	10/20/06
		Current Location of Gear	N.A.

NMFS No.	E17-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Partially disentangled
Date 1st Observed Entangled	08/30/05
Species	Humpback
Individual ID	Acupuncture
Location 1st OBSERVED ENTANGLED	Westport Harbor, Brier Island, Nova Scotia, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 16.13'N 66° 20.32'W (approximation)
Event Description	<p>08/30/05</p> <ul style="list-style-type: none"> • An entangled whale is reported by a whale watch vessel in Westport Harbor, Brier Island, Nova Scotia. • A Canadian Coast Guard vessel responds and is assisted by a whale watch vessel. • Responders are able to grapple onto the line that is trailing behind the animal and put pressure on it resulting in the line parting. • Responders report that a large majority of gear was removed and it is likely that the remaining gear will shed itself.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	<ul style="list-style-type: none"> • Whale is reported to have two tight wraps of line causing deep creases around its body, one anterior to the flippers and one posterior to the flippers. • The animal is also reported to have approximately 40 fathoms of line trailing behind it, terminating at a buoy.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



<p>Description of Wounds/CONDITION</p> <p>A. DURING INITIAL SIGHTING</p>	<ul style="list-style-type: none"> • Two deep creases around the body of the animal caused by the wrapped lines. • Whale is reported to have a fairly heavy load of cyamids.
<p>B. SUBSEQUENT DESCRIPTIONS</p>	
<p>NMFS GEAR ANALYSIS</p> <p>A. Gear Type</p> <p>B. GEAR PART/LINE TYPE</p> <p>C. LOCATION OF SET</p> <p>D. POTENTIAL POINT OF ENCOUNTER WITH GEAR</p> <p>Sighting prior to entanglement</p> <p>Re-sightings POST-ENTANGLEMENT</p> <p>Life History Information</p>	<p>Unknown – no gear recovered</p> <p>Unknown sex, unknown length</p>
<p>NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)</p>	<p>Human-caused Injury</p>

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 17 - 05		
Field No.	J083005	Date 1 st Observed	8/30/05
Location 1 st Observed	Westport Harbor, Brier Island, N.S. 44° 16' N, 66° 21' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Acupuncture	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:	10/20/06
		Current Location of Gear	N.A.

NMFS No.	E18-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	09/03/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	70 NM east of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 44'N 68° 23'W (approximation)
Event Description	<p>09/03/05</p> <ul style="list-style-type: none"> • A tuna spotting pilot reports an entangled whale to the ALWDN. • Animal reported to be free-swimming, trailing a single line ending at a poly-ball. • No response is initiated due to distance from shore and no vessel standing by. <p>09/11/05</p> <ul style="list-style-type: none"> • A tuna spotting pilot reports an entangled whale at 41° 29'N / 69° 19'W via the WHOI R/V <i>Tioga</i> to the ALWDN. • A breakdown in communication resulted in no vessel standing by and no response initiated.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Single line trailing behind whale terminating at a poly-ball.
B. SUBSEQUENT DESCRIPTIONS	<p>09/22/05</p> <ul style="list-style-type: none"> • Based on assessment of images available, the entanglement appears to be isolated to the tail only.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	

<p>B. SUBSEQUENT DESCRIPTIONS</p>	<p>09/22/05</p> <ul style="list-style-type: none"> Based on assessment of images available, the entanglement appears to have caused injuries to the leading edge of the flukes and the tail stock.
<p>NMFS GEAR ANALYSIS</p> <p>A. Gear Type</p> <p>B. GEAR PART/LINE TYPE</p> <p>C. LOCATION OF SET</p> <p>D. POTENTIAL POINT OF ENCOUNTER WITH GEAR</p> <p>Sighting prior to entanglement</p> <p>Re-sightings POST-ENTANGLEMENT</p> <p>Life History Information</p> <p>NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)</p>	<p>Unknown – no gear recovered</p> <p>Unknown</p> <p>Unknown – animal not resighted</p> <p>Unknown sex, unknown length (animal reported to be small)</p> <p>Human-caused Injury</p>

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 18 - 05		
Field No.	J090305	Date 1 st Observed	9/3/05
Location 1 st Observed	70nm E of Chatham, MA, near Cultivator Shoals 41° 44' N, 68° 23' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E19-5
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	09/05/05
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	5 NM northeast of Swallowtail, Grand Manan, New Brunswick
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 50'N 66° 40'W (approximation)
Event Description	<p>09/05/05</p> <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the CWR team, which in turn notifies the ALWDN. • The response team made numerous attempts to grapple onto the netting and succeeded once with the grapple pulling right through the netting. • The responders report that they think the entanglement is not life-threatening at this time and it is suggested that the whale be monitored for its condition and the status of the entanglement.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Whale is reported to be wrapped in a large amount of gillnet.
B. SUBSEQUENT DESCRIPTIONS	<p>09/05/05</p> <ul style="list-style-type: none"> • Response teams report that the whale has monofilament netting coming out of the left side of the mouth. • The netting does not appear to wrap any other part of the whale and doesn't appear to trail beyond the flukes.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted

B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 19 - 05		
Field No.	J090505	Date 1 st Observed	9/5/05
Location 1 st Observed	5 nm NE of Swallowtail, Grand Manan, NB 44° 50' N, 66° 40' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Quarternote	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E20-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	09/11/05
Species	Humpback
Individual ID	Howler
Location 1st OBSERVED ENTANGLED	21 NM east of Hampton Beach, NH
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 53.6'N 70° 19.5'W (approximation)
Event Description	<p>09/11/05</p> <ul style="list-style-type: none"> • A whale watch vessel reports an entangled whale to the USCG, which notifies the ALWDN. • The reporting whale watch vessel stood by for an hour but was unable to stay any longer and unable to get another vessel to stand by. • Due to no stand by vessel and deteriorating sea conditions, no response was initiated.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Whale reported to have a loop of line over a leading edge of one of the fluke blades and trailing back to a buoy.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered

A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	
Re-sightings POST-ENTANGLEMENT	
Life History Information	Unknown sex, unknown length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 20 - 05		
Field No.	J091105	Date 1 st Observed	9/11/05
Location 1 st Observed	20 nm SE Portsmouth, NH, near New Scantum 42° 54' N, 70° 20' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Howler	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E21-05
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown
Date 1st Observed Entangled	09/14/05
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Ogunquit area, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 15'N 70° 30'W (approximation)
Event Description	<p>09/14/05</p> <ul style="list-style-type: none"> • A recreational vessel reports an entangled whale to the MMP. The report is relayed to the ALWDN. • The vessel leaves the area and no response is initiated. <p>09/15/05</p> <ul style="list-style-type: none"> • The recreational vessel operator searches the area and isn't able to relocate the entangled whale.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Reported to entangled with white netting around the tail.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	None noted
B. SUBSEQUENT DESCRIPTIONS	.
NMFS GEAR ANALYSIS	Unknown – no gear recovered

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

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 21 - 05		
Field No.	J091405	Date 1 st Observed	9/14/05
Location 1 st Observed	Between Bibb Rock & Perkins Cove, ME 43° 15' N, 70° 30' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation, Unconfirmed
Species	Unknown	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E22-05
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	09/20/05
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Eastern side of Machias Bay, Cutler, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 39.56'N 67° 14.68'W (approximation)
Event Description	<p>09/20/05</p> <ul style="list-style-type: none"> USCG received a report of a dead whale in Machias Bay, ME. <p>09/21/05</p> <ul style="list-style-type: none"> The dead whale landed on shore. <p>09/23/05</p> <ul style="list-style-type: none"> Stranding network participants necropsied the carcass. Examiners noted that the whale had a septic wound in its gape and a large (~10") linear laceration, thought to be from a line, was observed on the left side of the animal.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	No gear observed on carcass.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Examiners noted that the whale had a septic wound in its gape and a large (~10") linear laceration, thought to be from a line, was observed on the left side of the animal.

B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Male, 716 cm in length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Non Human-caused mortality

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 22 - 05		
Field No.	J092005	Date 1 st Observed	9/20/05
Location 1 st Observed	Little Machias Bay, Cutler, ME 44° 40' N, 67° 15' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E23-05
Indication of Entanglement	No
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	09/25/05
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	East of Bailey's Island on Cedar Ledge, Cundy's Harbor, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 44.85'N 69° 57.00'W (approximation)
Event Description	<p>09/25/05</p> <ul style="list-style-type: none"> A recreational vessel reports a dead whale to the ME-DMR stranding Hotline. <p>09/30/05</p> <ul style="list-style-type: none"> Stranding network participants necropsy the carcass.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	No gear observed on the carcass.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	The original reporter observed linear scarring consistent with a fishery interaction.
B. SUBSEQUENT DESCRIPTIONS	.
NMFS GEAR ANALYSIS	Unknown – no gear recovered
A. Gear Type	

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Female, 775 cm in length
NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)	Non Human-caused mortality

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 23 - 05		
Field No.	J092505	Date 1 st Observed	9/25/05
Location 1 st Observed	1 nm SE of Orrs Island, Casco Bay, ME 43° 45' N, 69° 57' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/30/06	Current Location of Gear	N.A.

NMFS No.	E24-05
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Possibly gear free
Date 1st Observed Entangled	10/22/05
Species	Humpback
Individual ID	Coral
Location 1st OBSERVED ENTANGLED	5.5 NM east of Thatcher Island, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 38.34'N 70° 26.88'W (approximation)
Event Description	<p>10/22/05</p> <ul style="list-style-type: none"> The WCNE reports an entangled whale to the ALWDN. Whale is free-swimming and the entanglement point/nature of the entanglement is unknown. No response was initiated due to inclement weather and building seas. <p>10/25/05</p> <ul style="list-style-type: none"> Whale confirmed to be "Coral". <p>11/07/05</p> <ul style="list-style-type: none"> Researchers from the WCNE observed "Coral" on 11/06/05 at 42° 24.5'N / 70° 28.27'W. The whale was observed feeding with another humpback whale and no gear was seen on the whale, however sighting conditions were poor. More documentation is needed to confirm that the whale is gear free.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	<ul style="list-style-type: none"> Whale is reported to have two bullet buoys trailing approximately 1.5 body lengths behind it. The entanglement point/nature of the entanglement is unknown.
B. SUBSEQUENT DESCRIPTIONS	

<p>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</p>	
<p>Description of Wounds/CONDITION</p>	
<p>A. DURING INITIAL SIGHTING</p>	<p>None noted</p>
<p>B. SUBSEQUENT DESCRIPTIONS</p>	
<p>NMFS GEAR ANALYSIS</p>	<p>Unknown – no gear recovered</p>
<p>A. Gear Type</p>	
<p>B. GEAR PART/LINE TYPE</p>	
<p>C. LOCATION OF SET</p>	
<p>D. POTENTIAL POINT OF ENCOUNTER WITH GEAR</p>	
<p>Sighting prior to entanglement</p>	
<p>Re-sightings POST-ENTANGLEMENT</p>	
<p>Life History Information</p>	<p>Mature male, unknown length</p>
<p>NMFS Serious Injury/Mortality Determination (Human-caused: Injury, Mortality, Serious Injury)</p>	<p>Human-caused Injury</p>

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FISHERY INTERACTION GEAR ANALYSIS

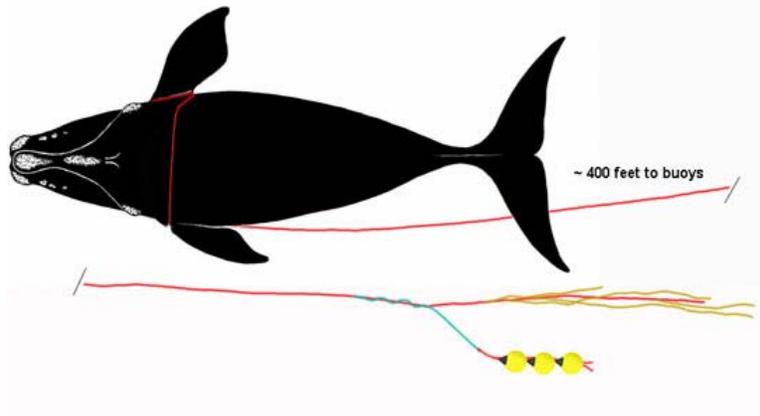
NMFS No.	E 24 - 05		
Field No.	J102205	Date 1 st Observed	10/22/05
Location 1 st Observed	5.5nm E Thacher Island, Cape Ann, MA 42° 38' N, 70° 27' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Coral	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Unknown - no gear recovered		Target Species:		
<u>Gear Description:</u>					
No gear recovered.					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	10/20/06	Current Location of Gear	N.A.

NMFS No.	E25-05
Indication of Entanglement	Yes
INITIAL STATUS	Alive
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	12/03/05
Species	Right
Individual ID	3445
Location 1st OBSERVED ENTANGLED	17 NM east of St. Simons Island, GA
Latitude/Longitude 1st OBSERVED ENTANGLED	31° 13.62'N 80° 57.3'W
Event Description	<p>12/03/05</p> <ul style="list-style-type: none"> • An aerial survey team reports an entangled whale to NMFS. • The report is relayed to the ALWDN. • Responders from GA and FL respond and are able to remove approximately 120 feet of the trailing gear as well as deploy a satellite telemetry tag. <p>12/04/05</p> <ul style="list-style-type: none"> • Poor satellite telemetry signals resulted in not knowing the animal's location for the most of the day. • An aerial survey team located the animal approximately 2.5 miles outside the entrance to the St. Augustine inlet. <p>12/05/05</p> <ul style="list-style-type: none"> • A primary response team aboard a 6m NOAA RHIB responded from Ponce Inlet, FL while a secondary team responded with the USCG out of Mayport, FL on the USCG Cutter <i>Kingfisher</i>. • An aerial survey team relocates the whale east of Ponce Inlet, FL. • The teams worked with the animal all day but were unable to cut any of the remaining trailing gear from the animal. • Additional documentation was obtained and more information as to the nature of the entanglement was learned. <p>12/06/05-12/10/05</p> <ul style="list-style-type: none"> • Poor weather and high seas prevent response teams from responding. • Poor satellite location fixes were also received, most likely due

	<p>to the high seas.</p> <p>12/11/05</p> <ul style="list-style-type: none"> NMFS, PCCS, FL and GA responders rendezvoused in Atlantic Beach, NC to respond on the USCG Buoy Tender <i>Elm</i>. <p>12/12/05</p> <ul style="list-style-type: none"> An aerial survey team relocates the entangled whale approximately 20 NM offshore of Cape Hatteras, NC. Once the USCG Buoy Tender <i>Elm</i> arrived on scene the animal was lost in the rough seas and the aircraft was forced to go in for fuel. The whale was relocated later in the afternoon by crews aboard the USCG Buoy Tender <i>Elm</i>. The response team, working from a small inflatable, deployed additional drag on the trailing gear behind the animal in an attempt to slow the animal down and be able to cut the remaining gear from the animal. Unfortunately, no cuts were possible and the additional drag resulted in the trailing line parting. A biopsy sample was obtained before loosing the whale in the darkness with no satellite telemetry remaining on the animal. <p>06/14/06</p> <ul style="list-style-type: none"> Researchers with the NEAq, aboard the RV <i>Galatea</i> report that they observed right whale #3445, the previous day, 06/13/06, in the Great South Channel. The wrap of red line that was over the whales back is now gone, but it is unclear if any gear remains on the animal's flippers. The entanglement is listed as possible gear free but additional documentation of the flippers is necessary to confirm.
<p>Description of Gear on Whale AS REPORTED</p>	
<p>A. DURING INITIAL SIGHTING</p>	<p>Whale reported to have at least one body wrap of line spanning from the leading edge of the right flipper and going across the body to the trailing edge of the left flipper. The left flipper may be pinned to the animal. There is reported to be at least 400 feet of red line trailing behind the animal with a short blue rope with 3 small buoys at the termination of the line.</p>
<p>B. SUBSEQUENT DESCRIPTIONS</p>	
<p>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</p>	



Description of Wounds/CONDITION

A. DURING INITIAL SIGHTING

None noted

B. SUBSEQUENT DESCRIPTIONS

12/09/05

- Researchers with the NEAq review the case and state that the overall health of the animal appears good (i.e. no orange cyamid coverage, no rake marks, no thin appearance, etc.)
- There is observed extensive sloughing of skin but no lesion yet.
- Cyamid coverage on the head of the animal is unusual and probably not a good sign.

06/13/06

- The whale was reported by NEAq researchers of having good skin condition with some rake marks around the blowholes.

NMFS GEAR ANALYSIS

A. Gear Type

Unknown

B. GEAR PART/LINE TYPE

The gear is thought to be an endline from a fixed gear fishery.

C. LOCATION OF SET

D. POTENTIAL POINT OF ENCOUNTER WITH GEAR

Sighting prior to entanglement

Observed in the Bay of Fundy by NEAq researchers on 08/19/05.

Re-sightings **POST-ENTANGLEMENT**

Observed possibly gear free in the Great South Channel by NEAq researchers on 06/13/06.

Life History Information

Female, born in 2004, unknown length

NMFS Serious Injury/Mortality Determination (Human-caused:

Human-caused Injury

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FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 25 - 05		
Field No.	J120305	Date 1 st Observed	12/3/05
Location 1 st Observed	17nm E St.Simons I., GA 33° 14' N, 80° 57' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial Disentanglement 12/3/05& 12/12/05
Species	right	Gear Recovered (y/n)	Yes
Individual ID	Eg # 3445	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	12/3/05 & 12/12/05	Gear Retrieved By	GaDNR, FLFWC. NMFS
Date Gear Received	12/13/05 & 12/18/05	Received From	NMFS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	Unknown
<p><u>Gear Description:</u></p> <p>A total of approximately 401 feet poly, primarily 3/8", made up of seven separate pieces spliced together and three 8 inch yellow trawl cans made into a buoy were removed from this whale (41 feet was 5/16" dia). The float was attached to an 8 foot gangion. The gangion opposite the float was spliced into the remaining line approximately 360 feet from one end of the line and 41 feet to the other where it ended with 5/16" diameter.</p>			
<p><u>Comments:</u></p> <p>An additional 62 foot length of poly with a 6" spherical float at one end and a piece of wood 1" x 1-1/2" - 15" ties off to the other was removed from the whale several days after the entanglement was discovered, however, this gear is not thought to be part of the original entanglement.</p>			
<p><u>Conclusions:</u></p> <p>This gear is thought to be an endline from a fixed gear fishery. The float would likely be used as a toggle and with the 3-can construction indicating it's designed to withstand pressure due to being pulled underwater by strong currents. No identifiable marks of other information was found on the recovered gear.</p>			
Report By:	John F. Kenney	Date:	10/20/06
		Current Location of Gear	NMFS, N. Kingstown, RI

2005 Ship Strikes

NMFS No.	SS01-05
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Alive
Date of Strike	Unknown
Date 1st Observed	2/16/05
Species	Right
Individual ID	2753
Location 1st OBSERVED	Just north of St. Augustine, FL
Latitude/Longitude 1st OBSERVED	Unknown
Location of strike	Unknown
Event Summary	A Florida Wildlife Commission research vessel observed and photographed a right whale with previously unobserved propeller cuts.
Event Description	Prior sightings of 2753 in April 2004 2/16/05 – Whale observed with prop cuts with evidence of healing (not fresh). Subsequent sightings of 2753 in Bay of Fundy in summer 2005 in apparent good health. Wounds had healed into white scars.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Orange cyamids present, suggesting injury may have occurred within a few weeks prior to sighting, although this is speculative.
B. SUBSEQUENT DESCRIPTIONS	Prop cuts healed into white scars
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	April 2004
Re-sightings POST- STRIKE	Summer 2005 in Bay of Fundy, in good health

Life History Information	Female, 8 yrs. old
Reports Available	photographs
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury

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NMFS No.	SS02-05
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown
Date of Strike	2/24/05, 1129 hours local
Date 1st Observed	2/24/05
Species	Right
Individual ID	Unknown
Location 1st OBSERVED	Just south of Brunswick Channel
Latitude/Longitude 1st OBSERVED	31 03.3N, 081 16.6W
Location of strike	Same as above
Event Summary	Dredge observers reported a bump as if the vessel had struck something, then saw what was believed to be a right whale pectoral flipper above the water. Another dredge vessel reported seeing a blow later, but no species ID could be made.
Event Description	2/24/05– Dredge observers reported feeling a bump, then saw a right whale pec flipper about 300-400 feet astern. Pec flipper was raised for 4-5 seconds before whale rolled and submerged. No more signs of whale seen 2/24/05 – Another dredge vessel in Brunswick Channel reported seeing a blow at 31 02.3N, 081 16.1W at 1215 hrs. Search party dispatched, but no resightings made.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Only pec flipper visible. No blood seen in water.
B. SUBSEQUENT DESCRIPTIONS	None

Vessel Description	Dredge
A. Vessel Type	
B. Speed	11-12 knots max
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	None
Life History Information	Unknown
Reports Available	
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury

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NMFS No.	SS03-05
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown—last seen on 9/3/05 in poor health.
Date of Strike	3/10/05
Date 1st Observed	3/10/05
Species	Right
Individual ID	2425
Location 1st OBSERVED	Cumberland Island, GA
Latitude/Longitude 1st OBSERVED	30 57.6N, 81 14.9W
Location of strike	Same as above
Event Summary	Recreational vessel reported striking a whale. Injuries were observed—left fluke severed and dangling. Whale was tracked for several hours and photographed. Animal was last seen on 9/3/05 in very poor condition.
Event Description	<p>3/10/05 – Recreational vessel reported striking a whale. Captain remained on scene until NOAA aircraft arrived. Whale was tracked for several hours and photographed. Whale was traveling with #1158.</p> <p>3/13/05 – EWS survey team sighted whale again off Amelia Island, FL (30 33.6N, 81 08.4W). Fluke still attached. Still traveling with 1158.</p> <p>3/21/05 – Both whales sighted again heading north off the SC coast. Fluke still attached.</p> <p>9/3/05 – Tuna spotter sighted a RW in very poor condition near Stellwagen Bank. Whale was identified as 2425.</p>
Description of wounds/condition AS REPORTED	<p>Large gash halfway from peduncle insertion point to the left tip of fluke. Wound extended from left leading edge of the tail to three quarters of the way to the left trailing edge of the fluke. Left tip of the tail hung perpendicular when fluke raised out of water. Prop marks extending from notch of tail to wound and on right side of insertion point of peduncle to tail. Blood seen in water coming from the wound on left side of tail. Animal appeared agitated—fluke slapping and irregular surfacing. No true direction of movement.</p>
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>3/18/05 – Traveling at moderate speed with normal behavior. No blood in water.</p> <p>9/3/05 – tired, battered, thin, in poor health. Large chunk from left tail fluke missing. Prop cuts at base of missing chunk. Covered with yellow-orange blotches, very grey skin. Not moving much, lots of time at surface with shallow dives. Lots of lobtailing</p>

Vessel Description	Recreational yacht, twin screw
A. Vessel Type	
B. Speed	19-20 knots
C. Size	43 ft.
Sighting prior to strike	None
Re-sightings POST- STRIKE	3/10/05 – tracked for several hours 3/13/05 – 15 miles off Amelia Island, FL 3/18/05 – 15 miles off coast of Jekyll Island 3/20/05 – 32 22.2N, 79 51.6W 3/21/05 – 17 miles off South Carolina coast 9/3/05 – Stellwagen Bank, 42 15.7N, 70 10.6W
Life History Information	Female, 11 yrs. old
Reports Available	Photographs, vet assessments
Necropsy findings	N/A; however, expert/vet assessments characterized health from 9/3/05 sighting as very poor, with death likely within a matter of weeks. Fluke amputation site characterized as “healed.” Abscess providing a continuing source of infection, widespread secondary bacterial infection (septicemia), and necrotic lacerations/fractures to vertebral column from peduncle strike were cited as possible sources of animal’s decline, compounded by ineffective locomotion and hence ineffective feeding.
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused serious injury

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NMFS No.	SS04-05
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	3/26/05
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	Approx. 7 mi. east of Rudee Inlet, Virginia Beach, VA
Latitude/Longitude 1st OBSERVED	36 52.3N, 75 51.2W
Location of strike	Unknown
Event Summary	Inbound vessel reported sighting a floating dead whale. Whale was later reported stranded on Sandbridge Beach. Whale was identified as a fin whale, and a necropsy was conducted.
Event Description	3/26/05– Inbound warship reported sighting a dead right whale to the USCG. USCG relayed info to Virginia Aquarium Stranding staff. Captain of vessel could not confirm species ID. Whale later stranded on the beach, and was identified by stranding staff as a fin or sei whale. 3/27/05 – Samples collected from carcass and identified as fin whale 3/28/05 – Necropsy conducted
Description of wounds/condition AS REPORTED	Lateral abrasions noted to left abdominal region during initial examination by VAQS staff.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	Evidence of past line entanglement noted around mouth (multiple line abrasions). Healed abrasions dorsal to left flipper and along left lateral body wall. Multiple deep, fresh abrasions along left lateral body wall, with massive hemorrhage indicating blunt trauma. Multiple fractures of mid-lumbar vertebrae, two pulverized vertebral centrum. Spinal cord bisected at site of pulverized vertebrae.
Vessel Description	Unknown
A. Vessel Type	
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	Unknown
Re-sightings POST- STRIKE	Stranded on 3/26/05

Life History Information	Female, 16.25 m
Reports Available	Necropsy report, photographs
Necropsy findings	Cause of death due to left lateral vessel strike, causing fracture of the vertebral column and associated spinal cord and circulation. Large blood clots at the wound site, indicating heart was still pumping for some period after strike.
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike

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NMFS No.	SS05-05
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	4/3/05
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	Beached, Southampton, NY
Latitude/Longitude 1st OBSERVED	40.8564N -72.4297 W
Location of strike	Unknown
Event Summary	Dead whale found beached. Necropsy revealed evidence of blunt trauma.
Event Description	
Description of wounds/condition AS REPORTED	Code 3 carcass. No external evidence of wounds noted.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	Hemorrhaging evident on right lateral side posterior to maxillary region.
Vessel Description	Unknown
A. Vessel Type	
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	Stranded on 4/3/05
Life History Information	Female, 18.8 m
Reports Available	HI form, photographs
Necropsy findings	Cause of death likely blunt force trauma, as evidenced by hemorrhaging and full stomach (death likely acute rather than chronic)
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike

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NMFS No.	SS06-05
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	4/28/05
Species	Right
Individual ID	#2617
Location 1st OBSERVED	Stranded on east side of South Monomoy Island, Chatham, MA
Latitude/Longitude 1st OBSERVED	41.34.6 N, 69.59.6W
Location of strike	Unknown
Event Summary	Carcass found stranded, necropsy revealed blunt trauma.
Event Description	4/28/05– USFWS staff reported probable right whale carcass on Monomoy Island. 4/29/05 – NEFSC aerial survey confirmed right whale carcass. Necropsy team dispatched to carcass. Tow not possible. Necropsy conducted on site.
Description of wounds/condition AS REPORTED	Carcass deflated, nearly flat, pounded by surf. Late stage 3, early 4. No gear or gear marks.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	Right lateral mid thorax to mid abdomen showed blubber bruising, overlying an area of multiple vertebral fractures. Major spinal dislocation at thoraco lumbar junction. Most lumbar vertebrae had right transverse processes fractured at base. Fracture sites coated with red putty-like substance, which has in the past been identified as cooked blood clots.
Vessel Description	Unknown
A. Vessel Type	
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	Last seen 9/3/2003 in Bay of Fundy
Re-sightings POST- STRIKE	Stranded on 4/28/05; seen floating again post-necropsy by aerial survey team on 5/13/05, then beached again on Martha's Vineyard, 5/20/05.
Life History Information	9-yr old female, 14.7 m

Reports Available	Necropsy report, photographs
Necropsy findings	Likely pre-mortem, lumbar blunt trauma.
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike

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NMFS No.	SS07-05
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown
Date of Strike	5/15/05
Date 1st Observed	5/15/05
Species	Unknown
Individual ID	unknown
Location 1st OBSERVED	80 nm ESE of Chesapeake light, Chesapeake Bay
Latitude/Longitude 1st OBSERVED	36-20.4N 074-25.2W
Location of strike	Same as above
Event Summary	USS TRENTON reported striking a whale during underway replenishment. Whale seen by USS GRUMMAN 300 yds off TRENTON's bow, but was not seen by USS TRENTON. Both vessels reported a pool of blood astern of TRENTON.
Event Description	
Description of wounds/condition AS REPORTED	Pool of blood seen astern of TRENTON.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	None
Vessel Description	Navy amphibious assault ship
A. Vessel Type	
B. Speed	13 knots
C. Size	173.4 m
Sighting prior to strike	Seen 300 yards off bow
Re-sightings POST- STRIKE	none
Life History Information	Unknown
Reports Available	None
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury

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NMFS No.	SS08-05
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	5/23/05
Species	Minke
Individual ID	unknown
Location 1st OBSERVED	Berth 66, off Port Elizabeth, NJ
Latitude/Longitude 1st OBSERVED	40 40.755N, 74 08.746 W
Location of strike	Unknown
Event Summary	Floating carcass reported. Necropsy revealed evidence of blunt trauma.
Event Description	5/23/05 – Floating carcass reported 5/26/05 – Necropsy conducted.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Carcass in advanced decomposition with much of head missing, all skin and most blubber gone.
B. SUBSEQUENT DESCRIPTIONS	Evidence of strike on the upper left, posterior to the eye region. Almost all left-side ribs were fractured, many into several small pieces. It appears that the liver may have ruptured on impact, as there were parts of it found throughout the abdominal cavity. The backbone was broken in the lumbar region.
Vessel Description A. Vessel Type	Unknown
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	None
Re-sightings POST- STRIKE	Floating dead, 5/23/05
Life History Information	Sub-adult male; 19.5 ft.
Reports Available	Necropsy, photographs
Necropsy findings	Evidence of blunt trauma—fractured ribs. Food in stomach. Likely died on impact.

NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike
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NMFS No.	SS09-05
Indication of Strike	confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown – presumed alive
Date of Strike	6/30/05
Date 1st Observed	6/30/05
Species	Fin
Individual ID	“Loon”
Location 1st OBSERVED	Off Provincetown, MA, approx 2 nm south of Race Point Buoy
Latitude/Longitude 1st OBSERVED	42 01.9N, 070 14.8W (witness vessel location)
Location of strike	Same as above
Event Summary	Naturalist on board whale watch vessel witnessed a ferry strike a whale. Whale was seen prior to strike with no apparent wounds, and surfaced after the encounter with what appeared to be a fresh, white wound. Upon later interview, captain of ferry reported hearing a noise like a door slamming at the time of strike. He did not see any whales before or after strike, and did not feel anything consistent with a strike. He thought it might have been a piece of lumber, so he checked fore and aft but did not see anything.
Event Description	6/30/05 – Naturalist on board whale watch boat witnessed ferry pass between whale watch vessel and whale. Whale surfaced in wake of ferry with wounds noted (whale was seen ten minutes prior with no apparent wounds). 7/2/05 – Dolphin Fleet whale watch company contacted ferry company to report the incident. 7/4/05 – Ferry company reported incident to USCG. USCG reported incident to the stranding pager.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	Whale emerged in wake of ferry with a fresh, white wound (approx. one square foot) on the right side anterior to the dorsal fin. Another fresh wound noted on left side of dorsal fin.
B. SUBSEQUENT DESCRIPTIONS	7/4/05 – Loon sighted again by whale watch company. Abrasions noted, but this individual is known to have scars from previous wounds. Appeared healthy and otherwise normal.
Vessel Description A. Vessel Type	High speed ferry/catamaran
B. Speed	27-28 knots
C. Size	98 ft (29.87 m)

Sighting prior to strike	Not seen by captain of ferry. Whale seen ten minutes prior to strike by another whale watch vessel in the area.
Re-sightings POST- STRIKE	6/30/05 - Seen emerging in wake of ferry about 200 yards behind. 7/4/05 – Sighted by whale watch vessel, appeared healthy.
Life History Information	Unknown
Reports Available	Photographs, SS investigation form
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury

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NMFS No.	SS10-05
Indication of Strike	confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown – presumed alive
Date of Strike	7/14/05
Date 1st Observed	7/14/05
Species	right
Individual ID	
Location 1st OBSERVED	Great South Channel
Latitude/Longitude 1st OBSERVED	41 21.2N, 068 44.8W
Location of strike	Same as above
Event Summary	Educational sailing schooner struck an unidentified object. Crew was awakened by two distinct strikes that were felt and heard. No whales seen before strike, but some crew report hearing blows. Next morning, several right whales seen near vessel. Whale tissue found on bobstay chains.
Event Description	7/14/05 – 12AM: Watch officer heard whale blows 12:50 am: Two distinct strikes felt, three seconds apart. Strikes redirected vessel off course, ten degrees right after first strike and seven degrees right the second. 7/14/05 – 6:20 am: Diver inspected vessel and found whale tissue on front bobstay chains. Samples collected and retained for analysis. Right whales were seen near vessel at dawn.
Description of wounds/condition AS REPORTED A. DURING INITIAL SIGHTING	No whale seen at time of strike
B. SUBSEQUENT DESCRIPTIONS	None – whale not seen
Vessel Description A. Vessel Type	Schooner
B. Speed	3.5 knots – under wind power, no motor engaged at time of strike
C. Size	125 ft (38.1 m)
Sighting prior to strike	None; blows heard 1-2 hours prior
Re-sightings POST- STRIKE	None; blows heard 90 seconds after strike; right whales seen around vessel in the morning following strike.

Life History Information	From genetic analysis of skin sample: Male
Reports Available	SSIF
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury

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NMFS No.	SS11-05
Indication of Strike	confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown
Date of Strike	7/27/05
Date 1st Observed	7/27/05
Species	Unknown (possibly pilot whale)
Individual ID	unknown
Location 1st OBSERVED	Approx. 65 nm ENE of Kill Devil Hills, NC
Latitude/Longitude 1st OBSERVED	36 10N, 74 30W
Location of strike	Same as above
Event Summary	Navy vessel reported striking an unknown whale.
Event Description	7/27/05 – Enroute to Norfolk, VA, a lookout sighted one whale surface directly ahead of ship. Contact with whale was immediate and unavoidable. Whale passed down ship’s starboard side. Ship turned back to original location of strike and reduced speed to bare steerageway to determine extent of injury and species. Ship stopped approximately 0.5 nm from a stationary pod of 6-10 whales at the surface. Whales described as 20-25 feet in length, showing no flukes or paddle fins. Injured whale not sighted. Single blowhole. Vessel crew identified them as either humpback or pilot whales.
Description of wounds/condition AS REPORTED	Whale not seen
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	Whale not seen
Vessel Description	USNS Patuxent – underway replenishment oiler
A. Vessel Type	
B. Speed	14 knots
C. Size	677 ft (203 m)
Sighting prior to strike	Surfaced directly ahead of ship immediately before impact
Re-sightings POST- STRIKE	None
Life History Information	Unknown
Reports Available	
Necropsy findings	N/A

NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury
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NMFS No.	SS12-05
Indication of Strike	confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	8/23/05
Species	Fin
Individual ID	unknown
Location 1st OBSERVED	Berth 80, Port Elizabeth, NJ
Latitude/Longitude 1st OBSERVED	40 40.12N, 74 08.29W
Location of strike	Unknown
Event Summary	Whale came in on the bow of a foreign container vessel. The whale fell off bow and sank when ship was ready to dock. Carcass later washed up nearby and was necropsied.
Event Description	8/23/05 – Vessel came into Berth 80 with whale on bow. Whale fell off bow and sank when vessel tied up at port. 8/24/05 – Whale resurfaced near Berth 82. ACOE tied whale up to a barge overnight. 8/25/05 – Carcass brought to ACOE docks where necropsy was conducted.
Description of wounds/condition AS REPORTED	Whale draped across bow of container vessel.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	8/25/05 – From necropsy: Skin was peeling back. Lower jaws exposed, and an opening near the abdomen exposed portions of visceral organs. There was external and internal evidence of boat strike. Severe hemorrhaging along right side of body. Parasites were found in kidney and intestine.
Vessel Description	Container vessel
A. Vessel Type	
B. Speed	Unknown
C. Size	294 m
Sighting prior to strike	none
Re-sightings POST- STRIKE	On bow of ship at docking
Life History Information	Sub-adult male 13.7 m

Reports Available	Photographs, necropsy
Necropsy findings	External and internal evidence of ship strike; severe hemorrhaging along right side of body.
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike

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NMFS No.	SS13-05
Indication of Strike	confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Unknown
Date of Strike	8/25/05
Date 1st Observed	8/25/05
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED	Approx. 385 miles east of Jacksonville, FL
Latitude/Longitude 1st OBSERVED	30 25.8N, 073 59.8W
Location of strike	Same as above
Event Summary	USCG cutter felt the ship hit something underneath the hull, then saw red, discolored water 200 yards past the stern. Spout seen, but no whale could be ID'd.
Event Description	8/25/05 – Lookout felt ship hit something underneath the hull. Lookout noticed red, discolored water 200 yards past the stern and reported this to the bridge. Crew member on fantail reported seeing a fin attached to a creature float to the top of the water off the stern. Species could not be identified, but described as brown or gray. Officer on Duty ordered the ship to a full stop. Once stopped, a straight spout of sea spray was seen in the vicinity of the collision. Deck watch officer reported seeing several spouts in the water off the stern in the vicinity of the discolored water. USCG attempted to coordinate a local aerial survey to locate animal and assess injury; however, no assets were available due to offshore location. Propulsion and steering systems were tested for safety, then vessel continued on mission. Voice safety broadcast was issued to inform mariners in the area of the possibility of an injured animal.
Description of wounds/condition AS REPORTED	Whale not seen. Red, discolored water seen after collision.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	None
Vessel Description	USCGC Cutter Vigorous
A. Vessel Type	
B. Speed	13 knots
C. Size	210 ft
Sighting prior to strike	None

Re-sightings POST- STRIKE	None. Red, discolored water seen off stern, several blows seen near discolored water.
Life History Information	Unknown
Reports Available	None
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused Injury

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NMFS No.	SS14-05
Indication of Strike	Confirmed
INITIAL STATUS	Dead
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	N/A
Date of Strike	Unknown
Date 1st Observed	9/11/05
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED	Between Belles Amour and Middle Bay, Bonne Esperence, Quebec
Latitude/Longitude 1st OBSERVED	Unknown
Location of strike	Unknown
Event Summary	Fisherman reported stranded whale
Event Description	
Description of wounds/condition AS REPORTED	Skin stripped by gulls. Bottom jaw completely severed/broken.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	N/A
Vessel Description	Unknown
A. Vessel Type	
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	Unknown
Re-sightings POST- STRIKE	9/11/05 - stranded
Life History Information	Young male, 11 m
Reports Available	Photographs
Necropsy findings	N/A
NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused mortality - primary cause of death = ship strike

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NMFS No.	SS15-05
Indication of Strike	Confirmed
INITIAL STATUS	Alive
SUBSEQUENT STATUS (As of the date the NMFS Strike Report is completed)	Alive
Date of Strike	Unknown – Based on previous sightings, suspected between 7/30/05 and 11/28/05
Date 1st Observed	11/28/05
Species	Humpback
Individual ID	Regulus
Location 1st OBSERVED	North of Cape Cod, MA
Latitude/Longitude 1st OBSERVED	2 11.71N, 70 06.8W
Location of strike	Unknown
Event Summary	PCCS research vessel conducting a humpback survey sighted Regulus on 11/28/05 with previously undocumented propeller marks. Regulus was observed entangled in July 2005, and noted gear free on this 11/28 sighting.
Event Description	11/28/05 – Previously undocumented propeller marks noted on Regulus and photographed.
Description of wounds/condition AS REPORTED	Previously undocumented propeller marks on the right side of the dorsal fin. Marks appeared to be from a small boat. Regulus described as not in great shape—somewhat skinny, random cyanid coverage, patchy skin. However, Regulus was also reported entangled in July 05.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	None
Vessel Description	Unknown – suspected to be a small vessel
A. Vessel Type	
B. Speed	Unknown
C. Size	Unknown
Sighting prior to strike	Unknown
Re-sightings POST- STRIKE	11/28/05 – Wounds noted, but could not be determined when strike occurred. 4/21/06 – Regulus seen 14 nm southeast of Gloucester, MA. Active at the surface, lob tailing and flipper slapping.
Life History Information	Mature male
Reports Available	None
Necropsy findings	N/A

NMFS Serious Injury/Mortality Determination (Human-caused injury, serious injury, or mortality)	Human-caused injury
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