

Large Whale Entanglement Report 2003

Updated June 2005

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2003 Large Whale Entanglement Report

Table 1: Summary of 2003 large whale entanglement reports for live entangled whales.

Indication of Entanglement* - Live Whales

	Yes	No	TOTAL
Right Whale	4	1	5
Humpback Whale	20	1	21
Fin Whale	1		1
Minke Whale	3		3
Unknown	0	1	1
TOTAL	28	3	31

Table 2: Summary of 2003 large whale entanglement reports for dead stranded or floating dead whales.

Indication of Entanglement* - Dead Whales

	Yes	No	TOTAL
Right Whale			0
Humpback Whale	2		2
Fin Whale	1		1
Minke Whale	8		8
Bryde's spp.	1		1
Unknown	1		1
TOTAL	13	0	13

* "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 NOAA Fisheries or CCS staff and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

NOTE:

- Some of the reports that follow are still under analysis. Data are represented as accurately as possible with information received as of March 2005.
- New England Aquarium provided sighting and life history information for right whales.
- Center for Coastal Studies and The Whale Center of New England provided sighting and life history information for humpback whales.
- Detailed records of the entanglement events are provided by the CCS website.

Table 3: Key for acronyms used in this report

CCS	Center for Coastal Studies
CCS/MA DMF	Center for Coastal Studies and Massachusetts Division of Marine
CCSN	Cape Cod Stranding Network
COA	College of the Atlantic
CWR	Campobello Whale Rescue Team
DFO	Department of Fisheries and Oceans (Canada)
ECE	East Coast Ecosystems (Canada)
EWS	Early Warning System
FMRI	Florida Marine Research Institute
FRC	Fast response craft
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
NMFS SAS	NMFS Sightings Advisory System, Protected Resources Div., Northeast Regional Office
NOAA	National Oceanic and Atmospheric Administration
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

NMFS No.	E01-03
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	1/14/03
Species	Right
Individual ID	2240
Location 1st OBSERVED ENTANGLED	12.5 NM ESE of Jacksonville Beach, FL
Latitude/Longitude 1st OBSERVED ENTANGLED	30°13.6'N 81°09.5W
Initial Event Description	<p>01/14/03</p> <ul style="list-style-type: none"> ▪ An aerial survey team reported and documented an entangled right whale. ▪ The first report indicated this entanglement was not considered life threatening, and the whale was not a candidate for disentanglement. <p>1/15/03</p> <ul style="list-style-type: none"> ▪ The whale was identified through photographs to be #2240. ▪ An action plan for #2240 was developed. Initial plans involved attempting to relocate #2240 during aerial surveys, with emphasis on gaining further documentation of the right mouth line and right pectoral flipper.
Description of Gear on Whale AS REPORTED	Gear was described as a single line through mouth, with one end trailing approximately 50 ft behind the flukes. No wraps were visible.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>05/15/03</p> <ul style="list-style-type: none"> ▪ #2240 was sighted by NOAA Aerial Survey, apparently gear free, but in poor condition.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted: no injuries seen, apparently healthy
A. DURING INITIAL SIGHTING	

B. SUBSEQUENT DESCRIPTIONS	05/20/03 Animal had orange cyamid coverage on head and fluke. 02/12/04 Animal had severe white scarring on leading edge of flukes.
NMFS GEAR ANALYSIS A. Gear Type B. GEAR PART/LINE TYPE C. LOCATION OF SET D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	Unknown – no gear recovered
Sighting prior to entanglement	05/05/02 in Great South Channel
Re-sightings POST-ENTANGLEMENT	02/12/04 41° 55.6'N 70° 13.4'W <ul style="list-style-type: none"> ▪ Cape Cod Bay. Sighting by CCS/Mass DMF aerial survey. Right Whale #2240 has severe white scarring on the leading edge of flukes. Photos were analyzed by NEAQ: staff states that #2240 looks in better health than in May 2003. The orange cyamid coverage that was present in May 2003 is almost completely gone. All observation suggests this whale is in better condition than it was in May 2003. 05/31/04 Great South Channel 11/18/04 42.855 N/ 70.253 W Jeffrey's Ledge 11/19/04 42.862 N/ 70.233 W Jeffrey's Ledge 11/23/04 42.846 N/ 70.343 W Jeffrey's Ledge 11/27/04 42.643 N/ 70.431 W Jeffrey's Ledge
Life History Information	Adult female, first identified in 1992
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 01 - 03		
Field No.	J011403	Date 1st Observed Entangled	1-14-03
Location 1st Observed	12.5 NM ESE Jacksonville Beach, FL 30°13.6' N, 81°09.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right whale	Gear Recovered (y/n)	No
Individual ID	2240	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>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	2/3/05	Current Location of Gear	N.A.

NMFS No.	E02-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	03/13/03
Species	Bryde's spp.
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	N. end of Carolina Beach, New Hanover, NC
Latitude/Longitude 1st OBSERVED ENTANGLED	35° 54.768'N 78° 13.116'W
Event Description	<p>03/13/03</p> <ul style="list-style-type: none"> ▪ A fresh dead (code 2) whale carcass was reported on the beach. ▪ The carcass was extremely emaciated, with line deeply cutting into the angle of its mouth and across the ventral rostrum mid-line ridge. ▪ A necropsy was performed. Line and histology samples were collected.
Description of Gear on Whale AS REPORTED	1/2" braided polypro, wrapped through mouth and cutting into the angle of the mouth and rostrum/vomer. Additionally there was a ball of line 20-50 m long wrapped together with barnacles growing on it.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	Deep cuts to angle of mouth and across ventral rostrum mid-line ridge.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Pot related fishery
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, 1105 cm total length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 02 - 03		
Field No.	J031303	Date 1st Observed Entangled	3-13-03
Location 1st Observed	North end Carolina Beach, New Hanover, NC 33° 54.8' N, 78° 13.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Bryde's spp.	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes (SEFSC)

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	3/13/03	Gear Retrieved By	Stranding Network
Date Gear Received	4/22/03	Received From	Stranding Network
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	NMFS, Pascagoula, MS	Depth
			Bottom Type
Gear Type:	Pot related fishery	Target Species:	
<u>Gear Description:</u>			
Black poly float line 3/8 " (88') 5/16(34'), Bridle with 2 equal 16" equal arms.			

Comments:

The line was tightly tangled and was covered with marine growth both algal and 1 inch gooseneck barnacles. When completely undone the bundle consisted of 2 pieces of poly float line (3/8"-88')(5/16"-34') No buoy present and 3 lashed cut ends.

Conclusions:

The gear was capable of fishing in at least 20 fathoms. A piece of the original configuration is missing so positive determination of its use is not possible. The bridle indicates a single trap or storage crate (lobster car) from which the rest could be buoy line. The frayed ends as well as the twist and tangled mass indicate possibly a propeller interaction. No signs of a trap or buoy.

Report By:	John F. Kenney (from W.Hoggard)	Date:	2-3-05	Current Location of Gear	NMFS, Pascagoula
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NMFS No.	E03-03
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown – not resighted
Date 1st Observed Entangled	03/28/03
Species	Right
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Near Highland Light
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 55.06'N 69° 44.09'W
Event Description	<p>03/28/03</p> <ul style="list-style-type: none"> ▪ Whale seen by observer aboard CCS aerial survey, who reported they might have seen a single white or light colored line on the whale. ▪ The potentially entangled whale was only sighted once when the whale surfaced. ▪ No photographs were taken. ▪ Bad weather made re-sighting difficult. The qualified observer was not certain of the entanglement, due to the inability to re-sight and confirm that the whale was entangled.
Description of Gear on Whale AS REPORTED	Single white or light colored line going from the right pectoral over and across the back, with no trailing line visible.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 03 - 03		
Field No.	J032803	Date 1st Observed Entangled	3-28-03
Location 1st Observed	Near Highland Light, Cape Cod, MA 41° 55.1' N, 69° 44.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No Indication of Entanglement

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E04-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/13/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Back Shore, Gloucester, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 35.8'N 70° 38.3'W
Event Description	<p>05/13/03</p> <ul style="list-style-type: none"> ▪ A whale carcass came ashore in a precarious spot on the rocks, hindering further investigation. ▪ The carcass was relocated to Good Harbor Beach, Gloucester for a necropsy on 5/15/03. <p>05/15/03</p> <ul style="list-style-type: none"> ▪ A necropsy was performed. ▪ The carcass was in a moderate state of decomposition, and wounds and marks consistent with entanglement in fishing gear were noted. The stomach contained fish.
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	Fresh looking wounds on mouth and in area of the tail flukes. Some bruising noted.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS A. Gear Type	Unknown – no gear recovered

B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Adult female, 7.4m in total length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 04 - 03		
Field No.	J051303	Date 1st Observed Entangled	5-13-03
Location 1st Observed	Back Shore, Cape Ann, Gloucester, MA 42° 35.8' N, 70° 38.3' 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>			

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E05-03
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	05/20/03
Species	Right
Individual ID	1430
Location 1st OBSERVED ENTANGLED	45 NM E of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 26.94'N 69° 23.68'W
Event Description	<p>05/20/03</p> <ul style="list-style-type: none"> ▪ The NOAA Aerial survey reported and photo documented an entangled right whale. ▪ The R/V Shearwater made its way to the scene, and a second plane tracked the whale until it was lost at ~14:45 as growing seas and glare made tracking difficult. <p>05/21/03</p> <ul style="list-style-type: none"> ▪ The aerial survey plane searched for the whale but whale was not re-sighted.
Description of Gear on Whale AS REPORTED	No body wraps were noted. Reported as a mouth entanglement with two green lines exiting the left side of the mouth and crossing over the back. One line passes under the right flipper, and then trails as a frayed end approximately 20 feet aft of the flukes. The end of the second line is unseen, but may be weighted.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>06/07/03</p> <ul style="list-style-type: none"> ▪ The NOAA Aerial survey sighted #1430 in US waters on the Northern Edge of Georges Bank (42° 09.10' N 67° 35.70' W) ▪ The whale was feeding. 1430's skin color looked relatively pale. ▪ The line through the mouth was apparent however; trailing line is no longer visible in photos.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
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	08/01/02 in the Gulf of St. Lawrence
Re-sightings IF GEAR-FREE	Unknown – animal not resighted
Life History Information	<ul style="list-style-type: none"> ▪ The whale was identified as #1430; a reproductively active female who last calved in 2002 and was first sighted in 1984 at an unknown age.
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 05 - 03		
Field No.	J052003	Date 1st Observed Entangled	5-20-03
Location 1st Observed	45nm East of Race Point, Cape Cod, MA 42° 26.9' N, 69° 23.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right	Gear Recovered (y/n)	No
Individual ID	1430	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>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.

NMFS No.	E06-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/22/03
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	¾ mile outside Menemsha Harbor, Martha's Vineyard, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 21.5'N 70° 48.5'W
Event Description	<p>05/22/03</p> <ul style="list-style-type: none"> ▪ A fishing vessel reported an entangled whale carcass to USCG. Officials were unable to later contact the F/V, which originally sighted the carcass. <p>05/25/03</p> <ul style="list-style-type: none"> ▪ USCG reported carcass to NMFS and took digital photos on this date. ▪ From photos, the carcass appeared to be relatively small and in an advanced state of decomposition. The carcass was entirely white in coloration and skin was missing. ▪ The species of the whale was not able to be determined from photos, due to state of decomposition and the fact that the majority of the carcass was submerged. ▪ A high flyer and line was visible in the photos, closely associated with the carcass. The photos show it was likely the carcass was entangled in the gear. ▪ The USCG issued a broadcast to mariners to get an updated position on the whale. ▪ Whale was not sighted again.
Description of Gear on Whale AS REPORTED	High flyer and line closely associated with carcass.
A. DURING INITIAL SIGHTING	
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>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>NMFS Serious Injury/Mortality Determination</p>	<p>None noted</p>
<p>Unknown - no gear recovered</p>	<p>Unknown</p> <p>Unknown – mortality</p> <p>Unknown</p> <p>Pending</p>

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 06 - 03		
Field No.	J052203	Date 1 st Observed Entangled	5-22-03
Location 1 st Observed	3/4 NM off Menemsha H, Martha's Vineyard, MA 41° 21.5' N, 70° 48.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.

NMFS No.	E07-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/24/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Lanes Cove, Gloucester, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 40.76'N 70°39.60'W
Event Description	<p>05/24/03</p> <ul style="list-style-type: none"> A moderately decomposed carcass was seen in the surf. <p>05/25/03</p> <ul style="list-style-type: none"> The carcass washed ashore. <p>05/27/03</p> <ul style="list-style-type: none"> The carcass was towed and secured to an accessible beach. <p>05/28/03</p> <ul style="list-style-type: none"> A necropsy was performed by the stranding network. Necropsy team documented a cut across the back anterior to the dorsal fin and histology samples were taken.
Description of Gear on Whale AS REPORTED	None noted
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Cut across the back, anterior to the dorsal fin, ¾ inch in width.
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Adult male, 759 cm in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 07 - 03		
Field No.	J052403	Date 1st Observed Entangled	5-24-03
Location 1st Observed	Lane's Cove, Gloucester, MA 42° 40.8' N, 70° 39.6' 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:	

Gear Description:

No gear present.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E08-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	05/31/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Lobsterville Beach, Aquinnah, Martha's Vineyard, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 21.0'N 70° 47.52'W
Event Description	<p>05/31/03</p> <ul style="list-style-type: none"> ▪ A live Minke whale stranded, entangled in netting. ▪ The netting was removed by well-intentioned onlookers, who then pushed the whale into deeper water. ▪ Stranding network participants and local officials arrived on the scene to find the whale in very poor condition. ▪ The bleeding rostrum injury was documented. The netting had reportedly caused a laceration cutting down to the bone. ▪ The emaciated and injured whale was euthanized.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Approximately 15 feet of 2-3 inch mesh netting.
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Bleeding rostrum injury where tissue was cut down to the bone
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Probable otter trawl gear

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 calf, 153 inches in total length.
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 08 - 03		
Field No.	J053103	Date 1st Observed Entangled	5 / 31 / 03
Location 1st Observed	Lobsterville Beach, Aquinnah, Martha's Vineyard, MA 41° 21.0'N, 70°47.52'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding Euthanized
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	5/31/03	Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	probable otter trawl gear	Target Species:	
<u>Gear Description:</u> Poly netting - approximately 5 ½" stretch mesh. Green braided twine.			

Comments:

Conclusions: Probable otter trawl gear.

Report By:

John Kenney

Date:

12/12/03

**Current
Location of Gear**

**NMFS, Allen
Harbor**

NMFS No.	E09-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	06/06/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	1 mile E. of Thimble Shoal Light in Chesapeake Bay mouth, VA
Latitude/Longitude 1st OBSERVED ENTANGLED	36° 59.79'N 76° 04.66'W
Event Description	<p>06/06/03</p> <ul style="list-style-type: none"> ▪ A moderately decomposed dead floating whale with marks around fluke and caudal peduncle was reported to the Stranding Network. ▪ USCG towed carcass to shore and a necropsy was planned for the next day. <p>06/07/03</p> <ul style="list-style-type: none"> ▪ At the necropsy, marks on the ventral fluke and peduncle were documented. ▪ A severe trauma injury to the right side of the head was also documented. Hemorrhaging was associated with the area, consistent with pre-mortem injury.
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	Multiple healed scars as well as fresh wounds to the ventral fluke and peduncle, some cutting through the blubber layer to the underlying muscle.
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None- mortality
Life History Information	Juvenile Female, 825 cm in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 09 - 03		
Field No.	J060603	Date 1st Observed Entangled	6-6-03
Location 1st Observed	One NM E. Thimble Shoal Light, Chesapeake Bay, VA 36° 59.8' N, 76° 4.7' W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Carcass
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

No gear present.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E10-03
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	06/23/03
Species	Humpback
Individual ID	Tanith
Location 1st OBSERVED ENTANGLED	Stellwagen Bank, ~ 10mi E. of Gloucester, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 49.04' N 70° 19.14' W
Event Description	<p>06/23/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled and emaciated humpback whale with her calf. ▪ An aerial search to relocate the whale was planned for following day . <p>06/24/03</p> <ul style="list-style-type: none"> ▪ A fishing vessel in the area reported a sighting of Tanith. ▪ The Disentanglement Team arrived on the scene and found the entanglement to be more complex than initially believed. ▪ The disentanglement effort was considered complete approximately 4 hours later after a large amount of line, buoys and some unknown weighted submerged gear had been removed. ▪ The team was not able to remove a single piece of line running through the mouth. This was not believed to be life threatening.
Description of Gear on Whale AS REPORTED	Rope exiting both sides of mouth and trailing aft. Some line trails over right fluke blade, with a potential wrap around tailstock. More than 100 feet of line trailing. Two buoys are attached to a separate short length of trailing line, one orange with words, one white with a blue flag.
A. DURING INITIAL SIGHTING	
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	Gillnet & unknown (2 Gear Types)
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	10/10/2002
Re-sightings POST-ENTANGLEMENT	8/28/03
Life History Information	Adult female born in 1980. Her last documented calf, prior to this one, was in 1998.
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 10-03		
Field No.	J062303	Date 1st Observed Entangled	6/23/03
Location 1st Observed	15nm NE of Gloucester, MA 42°49.0' N - 70° 19.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Tanith	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	6/24/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	early June

	Fisherman	Owner interview	Location	Platts Bank
	Other		Depth	
			Bottom Type	
Gear Type:	Gillnet & unknown (2 Gear Types)		Target Species:	monkfish & Unknown
<p><u>Gear Description:</u></p> <p>Recovered gear consisted of a pvc buoy stick ~ 9'long with a 9" x 15" float and sash weight. One fm 7/16" poly-dac at the buoy attached to a 3fm length of 5/16" poly. Approximately 4 fm of sinking rope leads form a 9" x 15" toggle to 16 fm of poly. A green 'buoyline mark' was present about 4 fm below the toggle buoy. An additional 9 fm of rope appears to be unrelated to this gear.</p>				
<p><u>Comments:</u></p> <p>The owner of some of the gear was identified and interviewed (6/26/03,J.Higgins). Target species was monkfish and the gear was fished in 15 net strings. The owner believed the gear to have been set in early June on Platts Bank, GOM. The 9 fm or unrelated rope may have been associated with a buoy sighted the day before the disentanglement but not present at the time of the disentanglement.</p>				
<p><u>Conclusions:</u></p> <p>The gear recovered and identified was sink gillnet gear set on Platts Bank targeting monkfish. Other unidentified rope was also recovered.</p>				
Report By:	John Kenney	Date:	12/12/03	Current Location of Gear
				NMFS, Allen Harbor

NMFS No.	E11-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	06/28/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Outside harbor entrance, Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 39.63' N 69° 55.00' W
Event Description	<p>06/28/03</p> <ul style="list-style-type: none"> ▪ An entangled and floating dead whale was reported to the USCG by a recreational boater. ▪ The boater did not stand by. ▪ The harbormaster ran a grid search by boat and relocated the carcass. ▪ With USCG and the harbormaster on site, the gear and carcass were documented. ▪ The carcass was disentangled and set adrift. ▪ Descriptions from the scene report that the carcass was fairly fresh and had appeared anchored by the entangling gear. <p>07/01/03</p> <ul style="list-style-type: none"> ▪ A carcass, believed to be the same whale, washed ashore at the southernmost end of South Monomoy Island. ▪ Due to the remote location of the carcass, the exam was delayed until following day. <p>07/02/03</p> <ul style="list-style-type: none"> ▪ Carcass was examined and photo documented by the stranding network.
Description of Gear on Whale AS REPORTED	The carcass was reportedly wrapped in black nylon line (reported to be lobster trawl warp) through mouth, around belly, flippers and hanging off flukes.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	

C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	Possible large-scale laceration at the right gape of the jaw.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Lobster
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, 512cm total length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

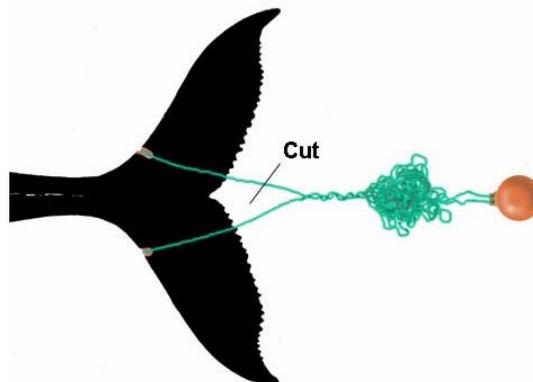
NMFS No.	E 11 - 03		
Field No.	J062803	Date 1st Observed Entangled	6-28-03
Location 1st Observed	Outside Chatham Hbr, Cape Cod, MA 41° 39.6' N, 69° 55.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear 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	Chatham Hbr. Master	Depth

		Bottom Type	
Gear Type:	Lobster	Target Species:	Lobster
<u>Gear Description:</u>			
<u>Comments:</u>			
<p>Based on information from the Chatham Harbor Master describing the gear as “lobster pots/lobster trawl” and the statement that they “hailed up two pots during the event” it seems safe to conclude that it is lobster gear.</p>			
<u>Conclusions:</u>			
<p>Based on information from the Chatham Harbor Masters office it is concluded this was lobster gear.</p>			
Report By:	John F. Kenney	Date:	2-10-05
		Current Location of Gear	N.A.

NMFS No.	E12-03
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	07/01/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	4.5 NM E. of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 40.8' N 69° 51.107' W
Event Description	<p>07/01/03</p> <ul style="list-style-type: none"> ▪ A commercial fishing vessel reports an entangled humpback whale. ▪ The Disentanglement Team arrived at the scene and were able to grapple the trailing line forward of the tangle. ▪ As the whale was held near surface, the single tail wrap was cut and remaining line slipped free.
Description of Gear on Whale AS REPORTED	Single wrap of line running back to a tangle of line, followed by a small buoy approximately 25 feet aft of the flukes.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



Description of Wounds/CONDITION	Tailstock and flukes heavily scarred with loop of rope cutting in on the leading edge of each fluke.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Unknown
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	Approximately 40 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 12 - 03		
Field No.	J070103HB	Date 1st Observed Entangled	7/1/03
Location 1st Observed	4 ½ NM East of Chatham, Cape Cod, MA 41°40.8' N - 69° 51.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/1/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	

		Bottom Type	
Gear Type:	Unknown	Target Species:	
<u>Gear Description:</u>			
<p>8" plastic trawl can. Into one eye was fastened a 4 ft piece of ½" poly line. Into the other eye was tied approximately 40 fm of 5/16" poly line. The trawl can appears to be painted off white.</p>			
<u>Comments:</u>			
<p>This does not appear to be fixed commercial fishing gear.</p>			
<u>Conclusions:</u>			
<p>This does not appear to be fixed commercial fishing gear.</p>			
Report By:	John Kenney	Date:	01/30/04
		Current Location of Gear	NMFS, Allen Harbor

NMFS No.	E13-03
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/02/03
Species	Humpback (probable)
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	52 NM SE of Portland, ME; ~10 NM SE of Platt's Bank
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 02.5' N 69° 21.7' W
Event Description	<p>07/02/03</p> <ul style="list-style-type: none"> ▪ A report of a humpback whale with rope and net on its head was reported to NOAA from a fishing vessel via a third party. ▪ Whale reported to be free swimming and with approximately 50 other whales. ▪ No response launched due to travel distance to site, the whale's ability to swim free and the low likelihood of relocating the entangled individual in such a large group. ▪ This entanglement is considered unverifiable due to the third party nature of the report and the inability to interview the original reporters for further details.
Description of Gear on Whale AS REPORTED	Rope and net on head
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 13 - 03		
Field No.	J070203	Date 1st Observed Entangled	7-2-03
Location 1st Observed	52 NM SE of Portland, ME ~10 NM SE of Platt's Bank 43° 2.5' N, 69° 21.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E14-03
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	07/03/03
Species	Humpback
Individual ID	Hat Trick
Location 1st OBSERVED ENTANGLED	Georges Bank, 135 NM ESE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 29.8' N 67° 22.8' W
Event Description	<p>07/03/03</p> <ul style="list-style-type: none"> ▪ A NOAA aerial survey plane reported an entangled humpback whale. ▪ The whale was reportedly hanging vertically in the water and breathing little. ▪ The location of the entangled whale was outside the normal First Response operational range for humpbacks, so no on-scene response was mounted. <p>07/09/03</p> <ul style="list-style-type: none"> ▪ A private boater reported an entangled humpback off Chatham, MA. ▪ No injuries were apparent but whale was reportedly towing two buoys from its tail, one red and one orange. ▪ CCS team, with assistance from the private vessel and the Chatham harbormaster were able to successfully attach a satellite/VHF-transmitting buoy to the trailing gear. <p>07/10/03</p> <ul style="list-style-type: none"> ▪ CCS team re-located the whale and the team removed and recovered all entangling lines.
Description of Gear on Whale AS REPORTED	Two buoys being towed from the tail, one red and the other orange.
A. DURING INITIAL SIGHTING	
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	Pot related gear
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	7/30/03 9/24/04
Life History Information	Approximately 30-35 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 14 - 03		
Field No.	J070303	Date 1st Observed Entangled	7-3-03
Location 1st Observed	135 NM ESE of Race Pt., Cape Cod, Georges Bank 41° 29.8' N, 67° 22.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Obs. 7/3/03 Tagged 7/9/03 Disent. 7/10/03
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/10/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	

	Other		Depth	
			Bottom Type	
Gear Type:	Pot related		Target Species:	Unknown
<u>Gear Description:</u>				
<p>Two low drag type scan floats with a total of approximately 166 fathoms of 7/16" & 1/2" line. A "G Hook" is located 70 fm below the surface system on an 18" gangion and several remnants of what look like gangions are present further below.</p>				
<u>Comments:</u>				
<p>The scan floats have markings on them but we have not been able to identify or interview the owner.</p>				
<u>Conclusions:</u>				
<p>Based on what appear to be the remains of gangions it is concluded that this is from pot related gear.</p>				
Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear
				NNFS, Allen Harbor

NMFS No.	E15-03
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	07/09/03
Species	Right
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	2 NM E. of Head Harbor Lighthouse, Campobello, New Brunswick, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 58.04' N 66° 50.71' W
Event Description	<p>07/09/03</p> <ul style="list-style-type: none"> ▪ An entangled right whale was reported. ▪ The Head Harbor Lighthouse team assessed and satellite/VHF tagged the whale. ▪ The whale was heavily entangled, with lines cutting in, and the overall condition of the whale was considered poor. ▪ After consultations, the team responded and removed all the entangling gear.
Description of Gear on Whale AS REPORTED A. DURING INITIAL SIGHTING	<p>Lines possibly from two separate entanglements. This included a heavy monofilament line wrapped tightly around and cutting into the tailstock and, a lobster-type buoy (blue in the middle and red on each end). Rope wound around tail multiple times and trap dragging.</p>
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION A. DURING INITIAL SIGHTING B. SUBSEQUENT DESCRIPTIONS	<p>Lines cutting in</p>

NMFS GEAR ANALYSIS	
A. Gear Type	2 gear types present: lobster gear and unknown 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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 15 - 03		
Field No.	J070903rw	Date 1st Observed Entangled	07/09/03
Location 1st Observed	2 NM E. Head Harbor, Campobello I. B.O.F. 44 ° 58 ' N 66 ° 50 ' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	disentanglement
Species	Right Whale	Gear Recovered (y/n)	Yes
Individual ID	unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		07/09/03	Gear Retrieved By	CWR Team
Date Gear Received			Received From	CWR Team
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman	owner interviewed	Location	
	Other	CWR Team	Depth	
			Bottom Type	
Gear Type:	Lobster & Other unknown		Target Species:	Lobster & Unknown

Gear Description:

Gear removed included a buoy, buoyline and lobster trap as well as some very heavy gage monofilament (~ 5/16" dia.). Gear recovered included surface buoy equipped with 600-pound weak link approximately 7 fathoms of 7/16' sink rope. The trap was not recovered, nor was any of the monofilament recovered. Markings on the buoy led to the identification of its owner.

Comments:

It is the opinion of the primary disentangler that the lobster gear was of a secondary nature with the monofilament being the primary entanglement. The monofilament was embedded in the flesh and difficult to release while the lobster buoy line was easily cut and dropped off the animal. Based on an interview of the owner of the lobster gear (7/16/03, NMFS) it was learned that the gear had been originally set at a location approximately 100 NM west of the disentanglement site.

Conclusions: Two types of gear were involved with this entanglement: heavy monofilament of unknown origin and lobster gear. The monofilament is suspected as the initial/primary entanglement gear while the lobster gear was probably picked up later.

Report By:	J. F. Kenney	Date:	12-17-03	Current Location of Gear	Allen Harbor Field Station
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NMFS No.	E16-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/09/03
Species	Humpback
Individual ID	Calf of Shockwave
Location 1st OBSERVED ENTANGLED	6.7 NM W. of Brier Island, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 17.3' N 66° 26.2' W
Event Description	<p>07/09/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback calf. ▪ The calf was swimming with its mother and gave no indication of being in distress. ▪ The calf was entangled with line around the peduncle and trailing with a high flyer. <p>07/10/03</p> <ul style="list-style-type: none"> ▪ The mother and calf were resighted by researcher. ▪ The calf was still entangled and reported to have at least two wraps of rope around the tailstock. ▪ Photographs documented the entanglement.
Description of Gear on Whale AS REPORTED	Single wrap of line around the peduncle. Approximately 100 fathoms of tangled trailing line and a high flyer.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>7/10/03</p> <p>Reported as two wraps of rope around the tailstock.</p>
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	None
Re-sightings POST-ENTANGLEMENT	Unknown – animal not resighted
Life History Information	Calf of Shockwave
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 16 - 03		
Field No.	J070903hw	Date 1st Observed Entangled	7-9-03
Location 1st Observed	7 NM West of Brier Island, BOF, Nova Scotia 44° 17.3' N, 66° 26.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown (calf of Shockwave)	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E17-03
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	07/11/03
Species	Humpback
Individual ID	Barb
Location 1st OBSERVED ENTANGLED	SW Stellwagen Bank: 9 NM NW of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 11.6'N 70° 22.2' W
Event Description	07/11/03 <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback whale. ▪ Shortly after initial sighting, the whale was lost in the fog. 07/13/03 <ul style="list-style-type: none"> ▪ The whale is identified as Barb from photos taken on 07/11/03.
Description of Gear on Whale AS REPORTED	Red rope crossing whale's back, aft of the flippers. No trailing line, nor point of attachment reported.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	07/30/03 <ul style="list-style-type: none"> ▪ In the previous days, the whale had been sighted and photo documented several times. ▪ Photographs document that whale is gear free.
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	5/20/03:Jeffreys Ledge 6/28/03
Re-sightings POST-ENTANGLEMENT	7/27/03 8/29/04
Life History Information	Adult Male
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 17 - 03		
Field No.	J071103	Date 1st Observed Entangled	7-11-03
Location 1st Observed	9 NM NW Race Pt., S.W. Stellwagen Bank, Mass Bay 42° 11.6' N, 70° 22.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Barb	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-3-05	Current Location of Gear	N.A.
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NMFS No.	E18-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/12/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	½ mile off the beach, Oregon Inlet, NC
Latitude/Longitude 1st OBSERVED ENTANGLED	35° 46.8' N 75° 31.8' W
Event Description	<p>07/12/03</p> <ul style="list-style-type: none"> ▪ NMFS reported an entangled humpback, swimming slowly at 1400 hrs. ▪ The whale was tracked from shore using a spotting scope, and was seen to swim slowly. ▪ The whale was swimming low in the water and did not show much of its body above the surface. ▪ USCG arrived on scene in 47' vessel but were unable to get near the whale due to shallow water and breakers. ▪ A kayaker was able to paddle near the whale and describe the gear on the animal. ▪ Weather was deteriorating and seas were building. ▪ Spotter on shore was able to track the animal until 15:45 when whale was lost.
Description of Gear on Whale AS REPORTED	A buoy near the whale's head and trailing gear including a wooden log.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 18 - 03		
Field No.	J071203	Date 1st Observed Entangled	7-12-03
Location 1st Observed	½ NM off the beach, Oregon Inlet, NC 35° 46.8' N, 75° 31.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-4-05	Current Location of Gear	N.A.
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NMFS No.	E19-03
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	07/14/03
Species	Humpback
Individual ID	Ravine
Location 1st OBSERVED ENTANGLED	SE Stellwagen Bank; 8NM NNE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 10.8' N 70° 08.6' W
Event Description	<p>07/14/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback whale. ▪ The Disentanglement Team arrived at the scene and attached a control line with a small buoy to the trailing gear. ▪ The disentanglement was difficult, due to the whale's continued attempts to dive, and resulting in two cuts to the inflatable which decreased its maneuverability. ▪ Despite the difficult circumstances, the team was able to remove all gear.
Description of Gear on Whale AS REPORTED	Buoy trailing eight feet behind flukes, line wrapped tightly around the tailstock and imbedded.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	Line cutting into the tail stock
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Lobster Gear
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	5/10/03 off Race Point, Cape Cod
Re-sightings POST-ENTANGLEMENT	7/18/03: Seen East of Stellwagen Bank, Feeding with other humpbacks. 7/9/04
Life History Information	Female first seen in 2000.
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 19 - 03		
Field No.	J071403hw	Date 1st Observed Entangled	7/14/03
Location 1st Observed	8 NM NNE Race Point, Cape Cod, MA, 42° 10.8' N, 70° 8.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Ravine	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/14/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG		Date Set
	CCS		Date Lost
	Fisherman	Owner interview	Location
	Other		Depth
		Bottom Type	
Gear Type:	Lobster gear	Target Species:	Lobster

Gear Description: Green & white buoy on a 3" plastic stick with 40 ft 5/16" sink rope attached to 20 ft 5/16" floating rope that terminates at a bridle.

Comments:

The owner of the gear is not able to determine where or when it was lost. He fishes singles, doubles and 15 trap trawls.

Conclusions: Lobster gear.

Report By:	John Kenney	Date:	1/30/04	Current Location of Gear	NMFS, Allen Harbor
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NMFS No.	E20-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	07/24/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	1 mile off beach at Fenwick Island, DE/MD border
Latitude/Longitude 1st OBSERVED ENTANGLED	38° 27.4'N 75° 02.5'W
Event Description	<p>07/24/03</p> <ul style="list-style-type: none"> ▪ An entangled whale sighted from the beach at Fenwick Island State Park. ▪ The whale was tracked south by USCG. ▪ The Stranding Network and NMFS responded aboard a USCG vessel. The team successfully attached a telemetry buoy and removed an acorn buoy and scan float that were trailing behind the whale. ▪ Approximately 1 1/2 hrs after the telemetry buoy had been attached, a citizen found it washed ashore. The line appeared to have been cleanly cut, approximately 3 ft from the buoy.
Description of Gear on Whale AS REPORTED	Heavy yellow poly line trailing approximately 100 ft behind the flukes. Attached to line was an A3 scan float and from that a smaller diameter piece of nylon with an acorn buoy.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Unknown
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	Apparent juvenile, approximately 35 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 20 - 03		
Field No.	J072403HB	Date 1st Observed Entangled	7/24/03
Location 1st Observed	1 NM off beach, Fenwick I. DE / MD border 38° 27.4' N, 75° 2.5' W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Partial disentanglement, tagged
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/24/03	Gear Retrieved By	NMFS
Date Gear Received		Received From	NMFS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	
		Bottom Type	
Gear Type:	Unknown	Target Species:	

Gear Description:

A-3 poly ball rigged to 5/8" poly. Also attached to the poly ball with an 8 ft length of sinking rope is a small acorn float. No markings present on the buoys.

Comments:

Conclusions:

Origin unknown.

Report By:	John Kenney	Date:	8/10/03	Current Location of Gear	NMFS, Allen Harbor
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NMFS No.	E21-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/06/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	1.5 NM E of East Bunker Ledge, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 16.88' N 68° 10.81' W
Event Description	<p>08/06/03</p> <ul style="list-style-type: none"> ▪ Recreational boaters reported an entangled Minke whale and stood by. ▪ USCG notified CCS and a disentanglement team was underway. ▪ While traveling to the scene, USCG contacted CCS team with information that a lobster boat had arrived on scene and proceeded to cut the whale free. The whale then swam away. ▪ After the event, State of Maine officials were able to gain more information, under the condition of anonymity. ▪ The lobsterman reported that he saw a rope through the whale's mouth, and there was no rope on the tail or any other part of the whale. ▪ He was able to put one buoy line attached to the whale in his hauler and haul back on it, the whale was evasive and swam under the boat to the stern where it's head was very close to the boat ▪ While using a gaff to hold the rope, his sternman cut the line. ▪ The lobsterman then hauled all the gear in, as it was all balled up. There were 6 traps (3 pairs) involved.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Entangled in pots with a line through the mouth.
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	Lobster- near shore
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 21 - 03		
Field No.	J080603	Date 1st Observed Entangled	8-6-03
Location 1st Observed	2 NM N of Baker Island, Mt Desert Island, ME 44° 16.9' N, 68° 10.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	

	Other		Depth		
			Bottom Type		
Gear Type:	Inshore lobster gear	Target Species:	lobster		
<u>Gear Description:</u>					
Six traps (3 pairs) involved.					
<u>Comments:</u>					
Whale was disentangled by a local lobsterman. Gear presumably returned to water.					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	2-4-05	Current Location of Gear	N.A.

NMFS No.	E22-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/08/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	~10 NM E of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 39.5' N 69° 43.0' W
Event Description	<p>08/08/03</p> <ul style="list-style-type: none"> ▪ A fishing vessel reported an entangled humpback whale and stood by. ▪ The whale was reportedly free-swimming. ▪ USCG was unable to relieve the fishing vessel which, after 1.5 hours of standing by, was forced to leave the scene due to a family emergency at home. ▪ After consultation with harbormaster and USCG, the decision was made to cancel the operation due to increasing fog and the unknown location of the whale. ▪ The fisherman was interviewed by CCS staff during and after the event and was able to provide a detailed description of the entanglement. ▪ Since no images were taken and no individual ID was made on either this whale or the humpback reported 08/14/03, it remains possible that this is the same whale.
Description of Gear on Whale AS REPORTED	Single line through the mouth leading back to a buoy trailing 30 ft behind the flukes.
A. DURING INITIAL SIGHTING	
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 22 - 03		
Field No.	J080803	Date 1st Observed Entangled	8-8-03
Location 1st Observed	~ 100 NM E of Chatham, Cape Cod, MA 41° 39.5' N, 69° 43.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		Gear Retrieved By	
Date Gear Received		Received From	
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	

		Bottom Type	
Gear Type:	Unknown - no gear recovered	Target Species:	
<u>Gear Description:</u>			
<u>Comments:</u>			
<u>Conclusions:</u>			
No gear recovered.			
Report By:	John F. Kenney	Date:	2-5-05
		Current Location of Gear	N.A.

NMFS No.	E23-03
Indication of Entanglement	No
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown – not resighted
Date 1st Observed Entangled	08/09/03
Species	Unknown
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	N. of Vineyard Haven, Martha's Vineyard, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 29.8' N 70° 37.6' W
Event Description	08/09/03 <ul style="list-style-type: none"> ▪ A Steamship Authority ferry reported sighting a swimming whale, possibly a humpback, which may have been trailing line. ▪ No photographs were taken, and the reporter was not qualified to determine entanglement or species. ▪ This report is unconfirmed
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	Possible trailing line
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
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 23 - 03		
Field No.	J080903	Date 1st Observed Entangled	8-9-03
Location 1st Observed	North of Vineyard Haven, Martha's Vineyard, MA 41° 29.8' N, 70° 37.6' 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:	

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-5-05	Current Location of Gear	N.A.
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NMFS No.	E24-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	None-mortality
Date 1st Observed Entangled	08/09/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Mouth of Stage Harbor, Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 39.05' N 69° 59.00' W
Event Description	08/09/03 <ul style="list-style-type: none"> ▪ The whale stranded on the sand bar off the mouth of Stage Harbor during the night of 8/9/03. ▪ Stranding Network responded on 8/10/03.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Bruising present on tip of rostrum with twisted line imprints (4mm wide) indicating pre-mortem entanglement in net. Net marks and knot imprints present on lower jaw and ventral surface of mouth.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown
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	Subadult, Female
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 24 - 03		
Field No.	J080903	Date 1st Observed Entangled	8/9/03
Location 1st Observed	Mouth of Stage Harbor, Chatham, MA 41° 39.0' N, 69° 59.0' 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 present.			

Comments:

Conclusions:

No gear recovered.

Report By:	John Kenney	Date:	6 - 6 - 05	Current Location of Gear	N.A.
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NMFS No.	E25-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/14/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	~7NM E. of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 38.93' N 69° 47.82' W
Event Description	<p>08/14/2003</p> <ul style="list-style-type: none"> ▪ A tuna-spotting plane reported an entangled whale. ▪ At the request of the Disentanglement Network, the pilot returned to the area to search for the whale. ▪ The account from the pilot was descriptive enough to verify the entanglement. ▪ Meanwhile, the Chatham Harbormaster's Office searched for the whale by boat. ▪ After 1 hour of coordinated searching, the entangled whale was not relocated. ▪ Numerous humpbacks were in the area and, working from two vessels, the CCS team closely checked heads and mouths of 78 individual humpback whales for entanglement. No entangled whales were found. ▪ Since no images were taken and no individual ID was made on either this whale or the humpback reported 08/08/03, it remains possible that this is the same whale
Description of Gear on Whale AS REPORTED	Line through the mouth with no buoy(s) trailing. Further information from the spotter plane indicated that the line is white in color and trails to a weight, believed to be a pot.
A. DURING INITIAL SIGHTING	
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 25 - 03		
Field No.	J081403	Date 1st Observed Entangled	8-14-03
Location 1st Observed	approx. 7nm east of Chatham, MA 41° 38.9' N, 69° 47.8' 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>					
<u>Comments:</u>					
<u>Conclusions:</u>					
No gear recovered.					
Report By:	John F. Kenney	Date:	2-5-05	Current Location of Gear	N.A.

NMFS No.	E26-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	08/15/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	~16 NM east of Bakers Island, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 12.0' N 67° 50.5' W
Event Description	<p>08/15/03</p> <ul style="list-style-type: none"> ▪ WW vessel sighted a small whale carcass floating belly-up in the water. ▪ The carcass was reported to be entangled in gear, and drifting slowly SW. <p>08/17/03</p> <ul style="list-style-type: none"> ▪ A fishing vessel reported the carcass location. ▪ NMFS, COA and CCS consulted and a team member went to scene to document. ▪ Whale carcass was found, still entangled. ▪ The carcass and indications of entanglement were photo-documented. Only the ventral side of whale was visible so any additional injuries that may have been present on the dorsal side were not documented. ▪ Gear was collected and transferred to NMFS for analysis.
Description of Gear on Whale AS REPORTED A. DURING INITIAL SIGHTING	<p>Approximately 10 feet of float line with "football" buoys and small remnants of net trailed down the left side of the carcass, and entered the mouth on the left side. This line then passed directly through the mouth in a single pass and exited the right side and ran aft to a single, knotted wrap around the right pectoral flipper. Total length of line recovered from the carcass was 35 feet with seven "football" buoys.</p>
B. SUBSEQUENT	

DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	Recent injuries were evident on the tailstock and side of the carcass.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Gillnet
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 calf, 28.6 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 26 - 03		
Field No.	J081503	Date 1st Observed Entangled	
Location 1st Observed	16 NM E of Bakers Island, Mt Desert, ME ~ 44° 12.0' N, 67° 50.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/17/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	

	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	Gillnet		Target Species:	Unknown	
<u>Gear Description:</u>					
<p>Approximately 6 fm of 5/16" green poly floatline and 7 floats with a small amount of 5 1/4" green mono webbing attached. Twine diameter is 0.025".</p>					
<u>Comments:</u>					
<p><u>Conclusions:</u> Gillnet - type & target species unknown.</p>					
Report By:	John Kenney	Date:	12/12/03	Current Location of Gear	NMFS, Allen Harbor

NMFS No.	E27-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/16/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	5 NM NNE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 08.84' N 70° 10.78' W
Event Description	<p>08/16/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback whale and stood by. ▪ The Disentanglement Team arrived at the scene. ▪ The whale was thin, had a heavy cyamid load and was entangled by the flukes and tailstock. ▪ The team attached several buoys to slow the whale's travel. ▪ The team was able to remove ~ 300 feet of gear including line, net and buoys. ▪ The team was not able to remove the most deeply imbedded line in the tailstock and therefore attached a satellite/VHF telemetry buoy to the remaining gear at the end of the day. <p>08/19/03</p> <ul style="list-style-type: none"> ▪ Satellite fixes were not being generated by the attached tag, likely due to the buoy being held underwater by heavy trailing gear.

Description of Gear on Whale **AS REPORTED**

A. DURING INITIAL SIGHTING

A collar around and imbedded in the peduncle/stock. One line each running across and imbedded within the dorsal surface of each fluke blade from the insertion corner to the median notch. 3 or 4 lines running from the ventral peduncle down into the water column on the left side and 2 to 3 on the right.

B. SUBSEQUENT DESCRIPTIONS

09/11/03

- The first high quality fix was received from the satellite tag attached on 08/16/03.
- Transmissions were patchy, making it difficult to determine the whale's travel speed and direction.

09/28/03

- After 13 days of no fixes transmitted, a signal was finally received.
- Sea conditions in the area of the fixes were very rough.

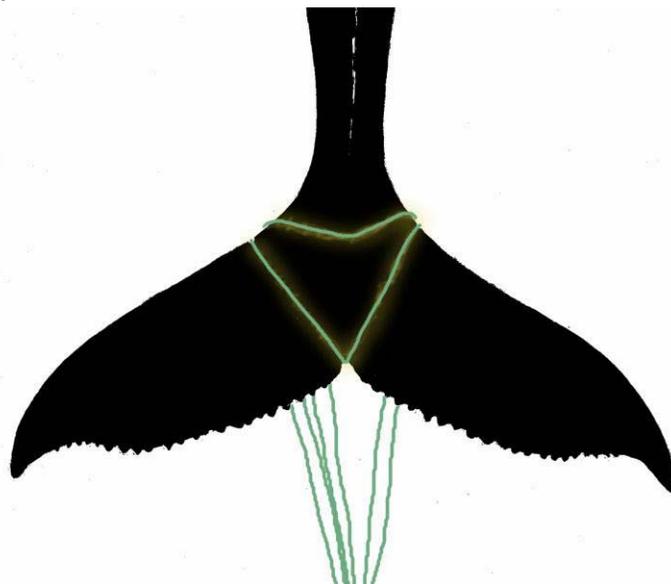
10/01/03

- It was determined that the buoy was adrift at this point.
- It was unknown whether any trailing gear might have still been attached to the buoy.

10/02/03

- NOAA surveyed the area of the buoy's most recent location fixes and did not see the small buoy or a carcass from air.

C. DIAGRAM OF ENTANGLING GEAR ON WHALE



Description of Wounds/ CONDITION	The whale is described as thin with numerous cyamids on the body. The entanglement is limited to the flukes and tailstock with multiple wraps of two different types of line imbedded in the flesh of the tailstock and two lines trailing back over the flukes.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	sink gillnet, vessel anchoring system, surface system w/endline
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 27 - 03		
Field No.	J081603	Date 1st Observed Entangled	8/16/03
Location 1st Observed	5 NM NNE Race Point, Cape Cod, MA, 42° 8.8' N, 70° 10.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Partial disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/16/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	

	Other		Depth		
			Bottom Type		
Gear Type:	sink gillnet, vessel anchoring system, surface system w/endpoint		Target Species:	Unknown	
<p><u>Gear Description:</u> Surface system consisting of a high flyer with radar reflector and red flag and a toggle buoy consisting of a double bullet buoy. Both incorporated 600 pound weak links. The endpoint from the surface system was 15 fm of 5/16" sinking line tied into 15 fm of 7/16" sinking line which was attached to 33 fm of 3/8" & 7/16" poly.</p> <p>Approximately 125 feet of 3/4" nylon rope, parted at the bottom and rigged at the top as a tuna "quick switch" set-up with a 3' eye splice, an open 6" S.S. ring and a carabineer clip on a 2' pennant with shackle for a poly ball (no poly ball was present).</p> <p>Also recovered was a short length of gillnet including 4 fm of floatline and 8 fm of leadline with 12" mesh. Twine size was 0.029".</p>					
<p><u>Comments:</u> No markings of any type were found on the buoys.</p> <p>Part of a vessel anchoring system was recovered. It is a type designed to cast off from quickly or to lift off bottom to relocate the vessel without having to haul the anchor or anchor line aboard.</p> <p>No identifying marks were found on the on the section of gillnet recovered.</p>					
<p><u>Conclusions:</u> The anchoring system is unrelated to the gillnet, and the buoy system may or may not be part of the gillnet gear.</p>					
Report By:	John Kenney	Date:	1/30/04	Current Location of Gear	NMFS, Allen Harbor

NMFS No.	E28-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled
Date 1st Observed Entangled	08/18/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	17 mi E. of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 42.796' N 69° 33.963' W
Event Description	08/18/03 <ul style="list-style-type: none"> ▪ An entangled humpback whale sighted from blimp and photo documented. ▪ The entanglement was reported the following day, and therefore no response was mounted.
Description of Gear on Whale AS REPORTED	Line wrapping around pectoral flipper and trailing 50 ft. A few buoys floating several feet behind.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 28 - 03		
Field No.	J081803	Date 1st Observed Entangled	8-18-03
Location 1st Observed	17 NM east of Chatham, Cape Cod, MA 41° 42.8' N, 69° 34.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.
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NMFS No.	E29-03
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	08/19/03
Species	Humpback
Individual ID	Trident
Location 1st OBSERVED ENTANGLED	8.5 NM NNE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 11.58' N 70° 08.58' W
Event Description	<p>08/19/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback whale but was unable to stand by. ▪ The Disentanglement Team arrived in the area and relocated the whale. ▪ WHOI and SBNMS scientists aboard a blimp offered tracking and assessment assistance from the air. ▪ The team was able to attach working lines and removed significant amounts of netting and rope. ▪ There was little trailing gear left on the whale, and subsequent attempts to remove the remaining gear or attach a telemetry buoy were unsuccessful. ▪ Whale was later identified as Trident.
Description of Gear on Whale AS REPORTED	Flippers were entangled and pinned to the whale by both netting and rope. Netting and rope were also visible across the back.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>9/01/03</p> <ul style="list-style-type: none"> ▪ Trident was sighted by several WW vessels and no remaining gear was evident . ▪ CCS team arrived on the scene and confirmed that whale was now gear free.
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	Gillnet
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	8/18/03
Re-sightings POST-ENTANGLEMENT	9/1/03 11/16/04
Life History Information	Adult female, ~45 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 29 - 03		
Field No.	J081903	Date 1st Observed Entangled	8/19/03
Location 1st Observed	8.5 NM NNE Race Point, Cape Cod, MA, 42° 11.6'N, 70° 8.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	partial disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Trident	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/19/03	Gear Retrieved By	CCS
Date Gear Received		Received From	CCS
Sources:	USCG	Date Set	
	CCS	Date Lost	
	Fisherman	Location	
	Other	Depth	

		Bottom Type	
Gear Type:	gillnet	Target Species:	Unknown
<u>Gear Description:</u>			
Recovered gear consisted of a section of gillnet: 20 fm of leadline, bottom bridle , 7.5 ft. of 'up & down' line and some 12" blue mono webbing with 0.039" diameter twine. Attached to the bottom bridle appears to be a bottom bridle and part of an 'up & down' line from a second net.			
<u>Comments:</u> No identifying marks were found on the gear.			
<u>Conclusions:</u> Gillnet gear.			
Report By:	John Kenney	Date:	1/30/04
		Current Location of Gear	NMFS, Allen Harbor

NMFS No.	E30-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown – not resighted
Date 1st Observed Entangled	08/25/03
Species	Right
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Southwest of Fippennies Ledge, 51 NM NE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 42N 69° 27' W
Event Description	08/25/03 <ul style="list-style-type: none"> ▪ A tuna spotter plane sighted an entangled right whale. ▪ No photographs were taken, but the spotter was interviewed by CCS staff and offered a detailed description of the whale and the entanglement. ▪ No response was mounted due to time of day, distance and no stand by on the scene.
Description of Gear on Whale AS REPORTED	Swimming with line and two buoys trailing. A submerged white object attached to the trailing line was also visible.
A. DURING INITIAL SIGHTING	
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	~30-40 feet in length.
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 30 - 03		
Field No.	J082503	Date 1st Observed Entangled	8-25-03
Location 1st Observed	51 NM NE of Race Pt. Cape Cod, MA ~ 42° 42' N, 69° 27' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	right	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>			

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.
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NMFS No.	E31-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Unknown – animal not resighted
Date 1st Observed Entangled	08/26/03
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	W of Cashes Ledge; 70 NM NE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 56' N 69°13' W
Event Description	08/26/03 <ul style="list-style-type: none"> ▪ Tuna spotter plane sighted an entangled whale. ▪ No photographs were taken. ▪ No response was mounted due to time of day, distance offshore and the lack of standby vessels. ▪ CCS staff interviewed pilot and he was able to provide a descriptive account of the entanglement.
Description of Gear on Whale AS REPORTED	Reported to have a single line trailing a buoy, possibly originating on the flukes.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 31 - 03		
Field No.	J082603	Date 1st Observed Entangled	8-26-03
Location 1st Observed	70 NM NE of Race Pt. Cape Cod, MA ~ 42° 56' N, 69° 13' 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>				

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.
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NMFS No.	E32-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Remains entangled (believed to be gear free, but not confirmed)
Date 1st Observed Entangled	08/27/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Off Long Island, Nova Scotia
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 21.5' N 66° 19.6' W
Event Description	08/27/03 <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback to the Canadian Coast Guard and the report was relayed to US Network. ▪ The whale was a thin and apparently weak juvenile, with a single deeply imbedded line around tailstock near flukes. ▪ The whale was reported to be making long dives. ▪ No photographs were taken.
Description of Gear on Whale AS REPORTED	Single knotted line, very deeply imbedded in tailstock.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	09/04/04 <ul style="list-style-type: none"> ▪ DFO reports that this whale was seen a few days after the initial report and was believed to be free of gear. (Due to the nature of the original report, photo documentation would be valuable.)
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	Imbedded line in tailstock. Possible that the young whale had grown into the line over many months.
A. DURING INITIAL SIGHTING	
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 – no gear recovered
Life History Information	Juvenile, ~ 30ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 32 - 03		
Field No.	J082703	Date 1st Observed Entangled	8-27-03
Location 1st Observed	5nm NW of Long Island, Nova Scotia, BOF 44° 21.5' N, 66° 19.6 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.
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NMFS No.	E33-03
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	08/29/03
Species	Humpback
Individual ID	Verga
Location 1st OBSERVED ENTANGLED	SE Stellwagen Bank: 10 NM NNE of Race Point, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 12.22' N 70° 07.05' W
Event Description	<p>08/29/03</p> <ul style="list-style-type: none"> ▪ A tuna spotter plane sighted an entangled whale and reported it to the Disentanglement Network, via a fishing vessel. ▪ The plane stood by until the Disentanglement Team was at the scene. ▪ The team successfully attached a telemetry buoy before they were forced to head to shore due to sea conditions. ▪ The whale was identified as Verga. <p>08/30/03</p> <ul style="list-style-type: none"> ▪ The telemetry buoy began transmitting high quality fixes of the whale's location, though poor weather conditions in the area precluded a disentanglement attempt.
Description of Gear on Whale AS REPORTED	30 meters of line trailing from a flipper or mouth and ending at a buoy.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>09/08/03</p> <ul style="list-style-type: none"> ▪ In the days since 08/30/03 unfavorable weather conditions persisted and no disentanglement efforts were mounted. ▪ NOAA research vessel reported that the telemetry buoy and attachment gear from Verga had been adrift and recovered by a fishing vessel. ▪ These observations, together with the amount of recovered gear support the presumption that

<p>C. DIAGRAM OF ENTANGLING GEAR ON WHALE</p>	<p>Verga is now gear free. 09/24/03</p> <ul style="list-style-type: none"> ▪ A tuna spotter equipped with a CCS digital camera sighted and photographed Verga in the Great South Channel, ~ 30 NM E of Nantucket. ▪ The images suggested that Verga was now gear free. <p>10/08/03</p> <ul style="list-style-type: none"> ▪ A CCS research cruise sighted Verga and reported that no remaining gear was apparent.
<p>Description of Wounds/CONDITION</p> <p>A. DURING INITIAL SIGHTING</p>	<p>Line scars on the head and tail.</p>
<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>Unknown & vessel anchoring system</p>
<p>Sighting prior to entanglement</p>	<p>6/3/02</p>
<p>Re-sightings POST-ENTANGLEMENT</p>	<p>10/7/03</p>
<p>Life History Information</p>	<p>Adult female</p>
<p>NMFS Serious Injury/Mortality Determination</p>	<p>Pending</p>

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 33 - 03		
Field No.	J082903	Date 1st Observed Entangled	8/29/03
Location 1st Observed	10 NM NNE Race Point, Cape Cod, MA, 42° 12.2' N, 70° 7.0 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	tagged & partial disentangle 8/29 gear recovered 9/8
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Verga	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		8/29/03 & 9/8/03		Gear Retrieved By		CCS , F/V	
Date Gear Received				Received From		CCS	
Sources:	USCG			Date Set			
	CCS			Date Lost			
	Fisherman			Location			
	Other			Depth			
				Bottom Type			
Gear Type:		Unknown & vessel anchoring system		Target Species:		Unknown	
<p><u>Gear Description:</u></p> <p>A Danforth style anchor labeled "22 HOOKER" shackled to 12 ft of 1/4" chain and shackled to 5/8" line terminated with a thimble. A 9/16" nylon line with an eye splice in one end and a back splice in the other - 14.5ft LOA. Two 5" x 11" bullet buoys on 4 fm of 7/16" sinking rope. A total of 47 fm of floating poly in three pieces.</p>							
<p><u>Comments:</u></p> <p>The anchor, chain, 5 ft of anchor line, 14.5 ft dock line and the 2 bullet buoys with the sinking line were recovered during the 8/29 disentanglement effort. An additional 150 ft of anchor line and the 47 fm of poly were recovered drifting with the telemetry buoy 9/8/03.</p>							
<p><u>Conclusions:</u></p> <p>Danforth anchor chain & anchor line is consistent with a vessel anchoring system. The 14.5 ft line also seems to belong to a vessel.</p>							
Report By:		John Kenney		Date:		1/30/04	
				Current Location of Gear		NMFS, Allen Harbor	

NMFS No.	E34-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/03/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	7 NM W of Brier Island, Nova Scotia, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 15.4' N 66° 33.7' W
Event Description	<p>09/03/03</p> <ul style="list-style-type: none"> ▪ An entangled humpback whale was reported to have a single wrap of line around the peduncle and a trailing high flyer and balloon. ▪ The Canadian Coast Guard arrived at the scene with disentanglement gear and boarded the reporting ship, as the whale remained calm near that ship. ▪ From the side of the boat, the line was cut, whale was disentangled and all gear was brought aboard.
Description of Gear on Whale AS REPORTED	Single wrap of line around the peduncle and trailing gear. Gill net, high flyer, anchor and bladder balloon.
A. DURING INITIAL SIGHTING	
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	Sink Gillnet

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
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 34 - 03		
Field No.	J090303	Date 1st Observed Entangled	9-3-03
Location 1st Observed	7nm W of Brier Island, Nova Scotia, BOF 44° 15.4' N, 66° 33.7 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	unknown	Gear Analysis Conducted (y/n)	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:	sink gillnet	Target Species:	Unknown
<u>Gear Description:</u>			
Gear consisted of 200 fm of rope, 100 fathoms of gill net, anchor, high flyer and a low drag scan float.			

Comments:

Conclusions:

Sink gillnet gear.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	Canada
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NMFS No.	E35-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/07/03
Species	Humpback
Individual ID	Bally
Location 1st OBSERVED ENTANGLED	2.5 NM NNE of Swallowtail Light, Grand Manan, New Brunswick, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 48' N 66° 42' W
Event Description	<p>09/07/03</p> <ul style="list-style-type: none"> ▪ A boater reported entangled whale and stood by. ▪ CWR and CCS teams met at the location of the entangled whale. ▪ Disentanglement teams approached the whale and they noted line on the head and assumed the line was also in the mouth. ▪ The whale was swimming slowly and did not raise the peduncle, suggesting it may have been weighted. ▪ The team was able to disentangle the whale, and reported that the flippers and mouth were completely freed of gear. ▪ Recovered gear was collected for further analysis by Canada DFO.
Description of Gear on Whale AS REPORTED	Monofilament webbing and floatline with "football" buoys in mouth and exiting both sides. Some line trailing and a weighted object was believed to be submerged below the whale but it was not recovered.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	<p>09/08/03</p> <ul style="list-style-type: none"> ▪ Whale was sighted and documented during a research cruise, gear free.
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	

Description of Wounds/CONDITION	Fresh cuts and abrasions from entanglement. Appeared to be lacerations on the tail stock, although no gear was observed in this area.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	Gillnet – per CWR
A. Gear Type	
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	8/23/2003
Re-sightings POST-ENTANGLEMENT	10/07/03
Life History Information	Juvenile, ~ 30ft in total length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 35 - 03		
Field No.	J090703	Date 1st Observed Entangled	9-7-03
Location 1st Observed	2.5 NM NNE of Swallowtail Light, Grand Manan, NB. BOF ~ 44° 48' N, 66° 42' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	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:	gillnet	Target Species:	Unknown
<u>Gear Description:</u>			
Gillnet per CWR			
<u>Comments:</u>			
<u>Conclusions:</u>			
Sink gillnet gear.			
Report By:	John F. Kenney	Date:	2-9-05
		Current Location of Gear	DFO, Canada

NMFS No.	E36-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/11/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Off Baileys Island, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 43' N 69° 58' W
Event Description	<p>09/11/03</p> <ul style="list-style-type: none"> ▪ A commercial fishing vessel reported an entangled whale and stood by. ▪ The CCS-Maine disentanglement team, ME DMR and NMFS were notified. ▪ ME DMR disentanglement personnel arrived at the scene and identified the whale as a Minke. ▪ The ME DMR personnel got a disentanglement effort underway. ▪ The whale was disentangled and all gear was recovered.
Description of Gear on Whale AS REPORTED	A black line ran tightly across the whales back, forward of the dorsal. Three buoys were associated with the entanglement. No line apparent on the flippers, tail or mouth. Retrieved gear described as three separate strings of traps, two strings of five and one pair. The single line on the whale was float rope.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Lobster gear – state waters
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	~20 ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 36 - 03		
Field No.	J091103	Date 1st Observed Entangled	9-11-03
Location 1st Observed	1.5 NM east of Bailey Island, ME ~ 43° 43' N, 69° 58 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By	
Date Gear Received			Received From	
Sources:	USCG		Date Set	
	CCS		Date Lost	
	Fisherman	local fisherman	Location	
	Other	Maine DMR	Depth	
			Bottom Type	
Gear Type:	lobster pots		Target Species:	lobster

Gear Description:

From Maine DMR: All gear was recovered, and it was found that three separate strings of traps were involved – two strings of five and one pair. The single line on the whale was the only piece of float rope (poly) in all the gear -- a groundline between two traps in one of the 5-trap trawls.

Comments:

Conclusions:

Lobster gear.

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	Maine DMR
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NMFS No.	E37-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/13/03
Species	Humpback
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	The Wolves, New Brunswick, Canada
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 54.5' N 66° 45.4' W
Event Description	<p>09/13/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported an entangled humpback, wrapped in gear and struggling at the surface. ▪ The reporting individual believed he may have seen the whale become entangled, having seen a small humpback in the area a few minutes before he sighted the distressed whale. ▪ Disentanglement teams were notified and arrived on scene to find the whale trumpeting and struggling at the surface while apparently anchored with a flooding tide. ▪ The team was able to remove all gear from the whales head down to the peduncle, which was anchored and pulled down ~10 ft below the surface. ▪ The team notified the fisherman in whose gear the whale was entangled and he came quickly to the scene to haul his gear. ▪ The fisherman and the disentanglement team worked cooperatively to haul the gear. ▪ As a result of the end of the gear being hauled in, the whale's flukes were raised to the stern of the boat. From this position the whale was cut free of the gear within seconds. ▪ The whale, now gear free, lay motionless at the surface, continuing to hang its fluke vertically in the water. ▪ The team used a hook to prod the whale's flukes toward the surface, at which time the whale arched strongly and swam away. ▪ The whale was observed raising its flukes as it continued swimming away.

Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	~ 10 wraps of gillnet, including float and lead lines, wrapping the body from front of head to dorsal fin.
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	Gillnet
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	Estimated to measure <28ft in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 37 - 03		
Field No.	J091303hw	Date 1st Observed Entangled	9-13-03
Location 1st Observed	7 NM N of Grand Manan New Brunswick, BOF 44° 54.5' N, 66° 45.4 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved			Gear Retrieved By		
Date Gear Received			Received From		
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other		Depth		
			Bottom Type		
Gear Type:	gillnet		Target Species:	Unknown	
<u>Gear Description:</u>					
<u>Comments:</u>					
<u>Conclusions:</u>					
Gillnet gear fished out of Campobello Island. (Per CWR)					
Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.

NMFS No.	E38-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	09/13/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	~3 mi offshore Saddleback Ledge, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	~43° 42' N ~68° 58' W
Event Description	<p>09/13/03</p> <ul style="list-style-type: none"> ▪ A dead floating whale was reported and the carcass was towed to Halfway Rock. ▪ The whale was fresh dead, and appeared to have some red marks behind dorsal and fluke and a distinctive square-shaped cut in abdomen. ▪ The location of carcass at Halfway rock was in a relatively inaccessible crevasse. <p>9/14/03</p> <ul style="list-style-type: none"> ▪ A skin sample was taken but heavy surge prevented further samples. <p>09/15/03</p> <ul style="list-style-type: none"> ▪ The carcass washed up on Pebble Beach and was examined and sampled by the stranding network.
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	Red marks behind dorsal fin and on flukes
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	Juvenile female, 610cm in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 38 - 03		
Field No.	J091303mw	Date 1st Observed Entangled	9-13-03
Location 1st Observed	7 NM SW of Matinicus Rock, ME ~43° 42' N, 68° 58' 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:	

Gear Description:

No gear present.

Comments:

Conclusions:

No gear recovered

Report By:	John F. Kenney	Date:	2-9-05	Current Location of Gear	N.A.
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NMFS No.	E39-03
Indication of Entanglement	Yes
INITIAL STATUS	Live
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Gear free
Date 1st Observed Entangled	09/14/03
Species	Humpback
Individual ID	Reflection
Location 1st OBSERVED ENTANGLED	5 NM E of Chatham, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	41° 41.388' N 69° 49.304' W
Event Description	<p>09/14/03</p> <ul style="list-style-type: none"> ▪ A private vessel reported an entangled whale. ▪ The whale was reportedly anchored and breathing, spending much time rolled to one side. ▪ The reporting vessel stayed in the same general area and repeatedly relocated whale in the same spot, suggesting whale was securely anchored. ▪ CCS disentanglement team arrived at the location and documented, assessed and disentangled the whale.
Description of Gear on Whale AS REPORTED	Line wrapped around the blades of the flukes 3 times, with high flyer floating alongside the whale and buoy line going cleanly down to the pots.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	



<p>Description of Wounds/CONDITION</p> <p>A. DURING INITIAL SIGHTING</p> <p>B. SUBSEQUENT DESCRIPTIONS</p>	<p>The lines were cutting into the leading edge of the flukes by about 1cm but no other wounds were observed.</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>NMFS Serious Injury/Mortality Determination</p>	<p>Lobster gear</p> <p>08/28/03 on Stellwagen Bank</p> <p>09/15/03- feeding in a big aggregation near the GSC.</p> <p>09/30/03</p> <p>8/17/04</p> <p>Adult female, first seen in 1192. ~45 ft in length</p> <p>Pending</p>

FISHERY INTERACTION GEAR ANALYSIS

<p>NMFS No.</p>	<p>E 39 - 03</p>		
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Field No.	J091403	Date 1 st Observed Entangled	9/14/03
Location 1 st Observed	5 NM E Chatham, Cape Cod, MA 41° 41.4' N, 69° 49.3 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	humpback	Gear Recovered (y/n)	Yes
Individual ID	Reflection	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved		9/14/03	Gear Retrieved By		CCS
Date Gear Received			Received From		CCS
Sources:	USCG		Date Set		
	CCS		Date Lost		
	Fisherman		Location		
	Other	CCS	Depth		
			Bottom Type		
Gear Type:	Lobster gear		Target Species:	lobster	
<u>Gear Description:</u>					
Surface system consisting of a high flyer and poly ball.					
<u>Comments:</u>					
<u>Conclusions:</u> Lobster gear					
Report By:	John Kenney	Date:	1/30/04	Current Location of Gear	NMFS, Allen Harbor

NMFS No.	E40-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	09/17/03
Species	Minke
Individual ID	Unkown
Location 1st OBSERVED ENTANGLED	Off Sheep Island, near North Haven, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	44° 09.39' N 68° 46.68' W
Event Description	<p>09/17/03</p> <ul style="list-style-type: none"> ▪ A fresh dead whale was reported and photo-documented by MMP. ▪ The carcass was floating belly up with significant wounds on the tail stock. ▪ No gear was present on the carcass.
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	Two cuts out of tail stock, entanglement scars
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	

C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Juvenile female, 168 inches in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 40 - 03		
Field No.	J091703	Date 1st Observed Entangled	9/17/03
Location 1st Observed	Off Sheep I., near North Haven, ME 44° 9.4' N, 68° 46.7 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 present			

Comments:

Conclusions:

No gear recovered.

Report By:	John Kenney	Date:	1/30/04	Current Location of Gear	N.A.
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NMFS No.	E41-03
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	10/03/03
Species	Humpback
Individual ID	Eruption
Location 1st OBSERVED ENTANGLED	5 NM N of Truro, Peaked Hill, Cape Cod, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	~42° 09.13' N ~70° 07.99' W
Event Description	<p>10/03/03</p> <ul style="list-style-type: none"> ▪ WW vessel reported and photo-documented an entangled whale. ▪ The CCS Disentanglement Team arrived at the reported location, but no vessels were standing by and whale was not relocated. ▪ Increasing sea state and impending darkness precluded further search efforts. ▪ The whale was later identified as Eruption, a whale who had been seen by WW vessel in the few days prior to the report of entanglement. It is unknown whether the whale was gear-free at this time or the entanglement was unnoticed.
Description of Gear on Whale AS REPORTED	Line through the mouth and a trailing line down the right side of the body, possibly involving the right flipper. Also, two buoys trailed approximately 50 ft and 100 ft behind the whale.
A. DURING INITIAL SIGHTING	
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	09/15/03: Great South Channel 09/30/03
Re-sightings POST-ENTANGLEMENT	06/4/04 07/09/04 in the GSC, and several sightings in October and November of 2004
Life History Information	Female, born in 1999
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 41 - 03		
Field No.	J100303	Date 1st Observed Entangled	10/3/03
Location 1st Observed	7 NM NE of Race Point, Cape Cod, MA 42° 9.1' N, 70° 8.0 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	humpback	Gear Recovered (y/n)	No
Individual ID	Eruption	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

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

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:

John Kenney

Date:

2/10/03

**Current
Location of Gear**

N.A.

NMFS No.	E42-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	10/20/03
Species	Fin
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	14 mi SE of York, ME
Latitude/Longitude 1st OBSERVED ENTANGLED	43° 05.96' N 70° 22.91' W
Event Description	<p>10/20/03</p> <ul style="list-style-type: none"> ▪ A dead floating whale was reported by private vessel. ▪ Few details were given and the species was unknown so a NOAA aerial survey team went to the scene to document. ▪ The carcass was in moderate decomposition and organs were protruding. ▪ A line was visible on the carcass, running across the body.
Description of Gear on Whale AS REPORTED	A single light green line was visible, running from the left side near the base of the jawbone across the ventral surface and disappearing under the right pectoral.
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	None noted
A. DURING INITIAL SIGHTING	
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Unknown
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 42 - 03		
Field No.	J102003	Date 1st Observed Entangled	10/20/03
Location 1st Observed	14 NM SE of York Maine 43° 6.0' N, 70°22.9 W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Carcass
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:	

Gear Description:

Comments:

Conclusions:

No gear recovered.

Report By:	John Kenney	Date:	2/10/03	Current Location of Gear	N.A.
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NMFS No.	E43-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	10/29/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	Singing Beach, Manchester by the Sea, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 34.188' N 70° 45.591' W
Event Description	<p>10/29/03</p> <ul style="list-style-type: none"> ▪ A whale carcass came ashore in a moderate state of decomposition with notable wounds on the tail stock. ▪ Stranding Network teams responded, photo-documented and sampled tissue from the carcass. <p>10/30/03</p> <ul style="list-style-type: none"> ▪ A town official relocated the carcass to the landfill, where a full necropsy was performed by Stranding Network personnel.
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	Linear wounds penetrated into dorsal caudal peduncle and into fluke.
B. SUBSEQUENT DESCRIPTIONS	
NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	

C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Juvenile male, 255 inches in length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E 43 - 03		
Field No.	J102903	Date 1st Observed Entangled	10/29/03
Location 1st Observed	Singing Beach, Manchester by the Sea, MA 42° 34.2' N, 70° 45.6 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>			

Comments:

Conclusions:

No gear recovered.

Report By:	John Kenney	Date:	2/10/03	Current Location of Gear	N.A.
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NMFS No.	E44-03
Indication of Entanglement	Yes
INITIAL STATUS	Dead
SUBSEQUENT STATUS (AS OF THE DATE THE NMFS ENTANGLEMENT REPORT IS COMPLETED)	Dead
Date 1st Observed Entangled	11/06/03
Species	Minke
Individual ID	Unknown
Location 1st OBSERVED ENTANGLED	1/3 mile SE of Cat Island, 1.5 miles off Marblehead Neck, Marblehead, MA
Latitude/Longitude 1st OBSERVED ENTANGLED	42° 29.84' N 70° 50.00' W
Event Description	<p>11/6/03</p> <ul style="list-style-type: none"> ▪ The whale was reported late in the afternoon by a vessel and no pictures or position were taken. <p>11/7/03</p> <ul style="list-style-type: none"> ▪ The carcass stranded some time in the morning at Ocean Avenue, Marblehead Neck. Stranding Network responded and found an advanced decomposed carcass, with line marks and cut wounds on the leading edge of the fluke at insertion.
Description of Gear on Whale AS REPORTED	
A. DURING INITIAL SIGHTING	None present
B. SUBSEQUENT DESCRIPTIONS	
C. DIAGRAM OF ENTANGLING GEAR ON WHALE	
Description of Wounds/ CONDITION	
A. DURING INITIAL SIGHTING	Line marks on fluke at insertion creating a semi circle shape around the base of the fluke where it meets the peduncle
B. SUBSEQUENT DESCRIPTIONS	

NMFS GEAR ANALYSIS	
A. Gear Type	Unknown – no gear recovered
B. GEAR PART/LINE TYPE	
C. LOCATION OF SET	
D. POTENTIAL POINT OF ENCOUNTER WITH GEAR	
Sighting prior to entanglement	Unknown
Re-sightings POST-ENTANGLEMENT	None – mortality
Life History Information	Juvenile, 455.9 cm in total length
NMFS Serious Injury/Mortality Determination	Pending

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E44-03		
Field No.	J110603	Date 1st Observed Entangled	11/6/03
Location 1st Observed	1/3 NM SE of Cat Island, Marblehead, MA 42° 29.8' N, 70° 50.0 W	Type of Event - Observation, Disentanglement, Stranding, Other (describe)	Stranding, 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:		Target Species:	

Gear Description:

No gear present.

Comments:

Conclusions:

No gear recovered.

Report By:	John F. Kenney	Date:	3/30/05	Current Location of Gear	N.A.
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