

2015 Atlantic Large Whale Entanglement Report

Prepared by
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2015 Atlantic Large Whale Entanglement Report

This report summarizes all of the entanglement reports for the Atlantic coast that are known to the National Marine Fisheries Service (NOAA Fisheries) and only addresses animals with indications of involvement with fishing gear that occurred in the calendar year of 2015.

Table 1. 2015 Atlantic large whale entanglement reports.

Indication of Entanglement*			
	Live	Dead	Total
Right Whale	4	0	4
Humpback Whale	24	1	25
Finback Whale	1	0	1
Minke Whale	4	2	6
Sei Whale	0	0	0
Unknown	0	0	0
TOTAL	33	3	36

* "Indication of Entanglement" is marked 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.
- Gear was reported on a whale by an inexperienced observer who was interviewed by National Marine Fisheries Service (NMFS) or Center for Coastal Studies (CCS) staff and the account was descriptive enough to eliminate doubt about whether or not the whale was entangled.

Wounds, condition, and NOAA Fisheries serious injury and mortality determination

Descriptions of wounds and condition in this report were based on the preliminary information at the time of the event. Analysis of data and final classifications were undertaken separately as part of the serious injury and mortality determinations done by NMFS Northeast Fisheries Science Center (NEFSC). All entanglement cases may obtain new information outside of the production time frame of this report which may alter any determination, status or sighting information. Whales not deemed to have a serious injury or mortality by NEFSC are categorized in this report as having a human-induced injury. Deceased animals that have no gear documented or witnessed, with a Cause of Death determined to be entanglement will not be listed in this report but rather in the NEFSC Mortality and Serious Injury report. The NEFSC "Mortality and Serious Injury Determinations for Baleen Whale Stocks along the Gulf of

Mexico, United States East Coast and Atlantic Canadian Provinces, 2011-2015” report is available online. Stock assessment reports that summarize the full status of a species are also available on our website. <https://www.nefsc.noaa.gov/publications/crd/crd1719/>

Notes:

- Entanglement case information within this report has been compiled from numerous resources including U.S. and Canadian federal governments, U.S. state agencies, and U.S. and Canadian partners within the Atlantic Large Whale Disentanglement Network (ALWDN). The reports contain all known U.S. coast-wide large whale entanglement data, including animals that fall under U.S. protection but were outside U.S. borders (e.g. North Atlantic right whales, Gulf of Maine humpback whales). The reported cases within this report should be considered a minimum number and not comprehensive.
- The presence or absence of line is difficult to determine in monofilament cases. When applicable, the first gear-free sighting should not be taken as definitive assessment of lack of monofilament line due to environmental conditions, lighting, and animal behavior which can make detectability of line difficult. CCS compiles thousands of photographs from numerous whale watch companies and ALWDN partners for these determinations. We are grateful for their analysis and contribution to this report.
- Subsequent status definitions:
 - Entangled = animal was last seen with an entanglement that may or may not be life-threatening;
 - Gear shed = animal shed the entangling gear on its own without human intervention;
 - Disentangled – gear free = animal had all gear completely removed by disentanglement network responders;
 - Disentangled – gear shed = animal had all life-threatening gear removed by disentanglement network responders, but some non-life threatening gear remained and was later shed by the whale;
 - Disentangled – monitor = animal had all life-threatening gear removed with some non life-threatening gear remaining that is expected to be shed.
- Gear analysis was conducted by NOAA staff on recovered gear or through owner interviews when possible. All analysis is quantitative in nature and any qualitative information is outside the scope of this report.
- New England Aquarium and the Right Whale Consortium provided sighting and life history information for right whales.
- Life history and sighting information for humpback whales was provided by CCS, with contributions from Blue Ocean Society, and Brier Island Whale and Seabird Cruises. Please contact Jooke Robbins of CCS for more information.
- Scott Landry of CCS supplied the entanglement diagrams.
- Many thanks to numerous NOAA Fisheries staff and the GARFO policy series editors that offered helpful comments.

Table 2. Key for common acronyms

ALWDN	Atlantic Large Whale Disentanglement Network
BOS	Blue Ocean Society
AMAPPS	Atlantic Marine Assessment Program for Protected Species
CCS	Center for Coastal Studies, MA
COA	College of the Atlantic, ME
CWI	Canadian Whale Institute (Canada)
CWR	Campobello Whale Rescue (Canada)
DFO	Department of Fisheries and Oceans (Canada)
ECE	East Coast Ecosystems (Canada)
ECO	EcoHealth Alliance
EWS	Early Warning System
FWC	Florida Fish and Wildlife Conservation Commission
GA DNR	Georgia Department of Natural Resources
GMWSRS	Grand Manan Whale and Seabird Research Station (Canada)
IFAW	International Fund for Animal Welfare
MA DMF	Massachusetts Division of Marine Fisheries
MARS	Marine Animal Rescue Society (Canada)
MD DNR	Maryland Department of Natural Resources
ME DMR	Maine Department of Marine Resources
MEP	Massachusetts Environmental Police
MMP	Maine Marine Patrol
MERR	Marine Education Research and Rehabilitation Institute, DE
MMSC	Marine Mammal Stranding Center, NJ
NAB	National Aquarium in Baltimore, MD
NEAq	New England Aquarium Right Whale Research Team, MA
NEFSC	NMFS Protected Species Branch, Northeast Fisheries Science Center
NLWRS	Newfoundland and Labrador Whale Release and Strandings (Canada)
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
OLE	Office of Law Enforcement
RI DEM	Rhode Island Department of Environmental Management
RIEP	Rhode Island Environmental Police
SAG	Surface Active Group
SBNMS	Stellwagen Bank National Marine Sanctuary, MA
SC DNR	South Carolina Department of Natural Resources
SEFSC	NMFS Protected Species Branch, Southeast Fisheries Science Center
SSA	Sea to Shore Alliance
UNC-W	University of North Carolina, Wilmington
USCG	United States Coast Guard
VAq	Virginia Aquarium
VMRC	Virginia Marine Resources Commission
WHOI	Woods Hole Oceanographic Institution, MA
WW	Whale Watch

Table 3. Atlantic entanglement summary for 2015 confirmed cases. Continued on next page

Entanglement Report Number	Species	Date of First Observation	Dead/Alive	SI Determination	Gear Collected	Type of Gear	Gear part ID
E01-15	Humpback	2/01/15	Alive	SI	No	Unknown Gillnet	N
E02-15	Humpback	4/26/15	Alive	Non-SI	Yes	Unknown	U
E03-15	Minke	5/09/15	Dead	SI	Yes	Unknown gillnet	N
E04-15	Humpback	5/14/15	Dead	Non-SI	Yes	Lobster, unknown gillnet	G, N, T
E05-15	Finback	6/06/15	Alive	SI	No	Unknown	S, V
E06-15	Right	6/13/15	Alive	SI (PR)	No	Unknown	S, V
E07-15	Minke	6/14/15	Alive	SI (PR)	No	Unknown	U
E08-15	Humpback	6/20/15	Alive	Non-SI	Yes	Unknown	U
E09-15	Minke	7/03/15	Alive	Non-SI	Yes	Lobster	S, V
E10-15	Humpback	7/09/15	Alive	SI (PR)	No	Unknown	S, V
E11-15	Humpback	7/09/15	Alive	Non-SI	No	Unknown	U
E12-15	Humpback	7/11/15	Alive	Non-SI	Yes	Unknown Pot/trap	S, V
E13-15	Right	7/18/15	Alive	Non-SI	Yes	Snow crab	N/A
E14-15	Minke	7/20/15	Alive	Non-SI	No	Unknown	U
E15-15	Humpback	7/25/15	Alive	Non-SI	No	Unknown	M
E16-15	Humpback	8/02/15	Alive	SI	Yes	Lobster, unknown gillnet	B, N, V
E17-15	Humpback	8/02/15	Alive	Non-SI	No	Unknown	M
E18-15	Humpback	8/02/15	Alive	SI (PR)	No	Unknown	S, V
E19-15	Humpback	8/14/15	Alive	Non-SI	Yes	Lobster	V
E20-15	Humpback	8/16/15	Alive	Non-SI	No	Unknown	M

Table 3 notes – Dead/Alive column represents the latest known status as of the writing of this report. SI determination: SI = Serious injury or mortality was determined to be the primary cause from entanglement; Non-SI = No serious injury or mortality caused by the entanglement; SI (PR) = insufficient information available to make an informed determination, prorated value of 0.75. Abbreviations within the Gear part ID: V = Vertical/End Line; B= Single Buoy; S = Surface System (multiple buoys); G = Ground Line; N = Gillnet/Mesh; T = Trap/Pot; M = Monofilament Line; U = Unknown, gear type or gear part could not be determined; N/A = Not applicable, no gear was analyzed. Any combination of codes is possible although each code will only be listed once, regardless if different types of gear were involved. This column may not represent all portions of the true initial entanglement as gear could have been shed before the first observation. Gear portions identified may not represent the section that initially caused the entanglement.

Table 3 continued. Atlantic entanglement summary for 2015 confirmed cases.

Entanglement Report Number	Species	Date of First Observation	Dead/ Alive	SI Determ- ination	Gear Collected	Type of Gear	Gear part ID
E21-15	Humpback	8/29/15	Alive	Non-SI	Yes	Lobster	V
E22-15	Humpback	9/01/15	Alive	Non-SI	No	Unknown	M
E23-15	Humpback	9/07/15	Alive	SI (PR)	No	Unknown	M
E24-15	Right	9/13/15	Alive	Non-SI	No	Unknown	U
E25-15	Humpback	9/18/15	Alive	Non-SI	No	Unknown	M
E26-15	Humpback	9/18/15	Alive	Non-SI	No	Unknown	M
E27-15	Humpback	9/19/15	Alive	Non-SI	No	Unknown	M
E28-15	Humpback	9/24/15	Alive	SI (PR)	No	Anchor system	N/A
E29-15	Humpback	9/25/15	Alive	SI	No	Unknown	U
E30-15	Right	9/28/15	Alive	SI (PR)	No	Unknown	U
E31-15	Minke	10/31/15	Alive	Non-SI	No	Lobster	V
E32-15	Humpback	11/18/15	Alive	Non-SI	No	Unknown	M
E33-15	Humpback	12/04/15	Alive	Non-SI	No	Unknown	S, V
E34-15	Humpback	12/04/15	Alive	SI (PR)	No	Lobster	S, V
E35-15	Minke	12/06/15	Dead	SI	No	Lobster	N/A
E36-15	Humpback	12/15/15	Alive	SI (PR)	Yes	Lobster	S, V

Table 3 notes – Dead/Alive column represents the latest known status as of the writing of this report. SI determination: SI = Serious injury or mortality was determined to be the primary cause from entanglement; Non-SI = No serious injury or mortality caused by the entanglement; SI (PR) = insufficient information available to make an informed determination, prorated value of 0.75. Abbreviations within the Gear part ID: V = Vertical/End Line; B= Single Buoy; S = Surface System (multiple buoys); G = Ground Line; N = Gillnet/Mesh; T = Trap/Pot; M = Monofilament Line; U = Unknown, gear type or gear part could not be determined; N/A = Not applicable, no gear was analyzed. Any combination of codes is possible although each code will only be listed once, regardless if different types of gear were involved. This column may not represent all portions of the true initial entanglement as gear could have been shed before the first observation. Gear portions identified may not represent the section that initially caused the entanglement.

2015 Entanglements

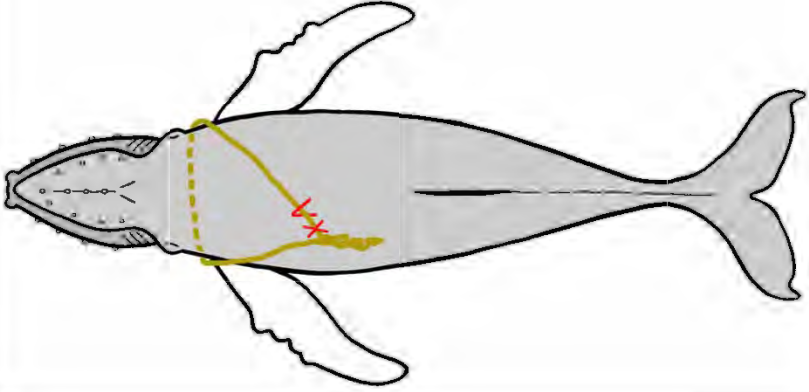
NMFS No.	E01-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	2/01/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	9.3 NM southwest of Cape Lookout, NC
Latitude/Longitude First Observed Entangled	34° 31.0'N 76° 42.2'W
Event Description	USCG received a call from a sport fisherman who sighted the free-swimming animal. While awaiting a response from the NC Division of Marine Fisheries the fisherman took it upon themselves to remove some of the gear. They believed about 40 feet of mesh and line still remained. The whale was not relocated and poor weather prevented searching for the animal the next day.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line was partially embedded at the tailstock near the insertion area of the fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Embedded entanglement trauma on tailstock near the insertion area of the fluke.
B. Subsequent Descriptions	None
Sighting Prior to Entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E01-15		
Field No.	PR 20115 Mn	Date First Observed	2/01/2015
Location First Observed	9.3 NM southwest of Cape Lookout, NC 34° 31.0' N, 76° 42.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A	
Date Gear Received	N/A	Received From	N/A	
Sources:	USCG	Date Set	Unknown	
	CCS	Date Lost	Unknown	
	Fisherman	Photos	Location	Unknown
	Other		Depth	Unknown
		Bottom Type	Unknown	
Gear Type:	Gillnet gear	Target Species:	Unknown	
<u>Gear Description:</u> Photographs show gillnet floatline and monofilament mesh.				
<u>Comments:</u> Gear was not retrieved.				
<u>Conclusions:</u> Gillnet gear of unknown fishery and origin.				
Report By:	Glenn Salvador	Date:	2/14/2017	
		Current Location of Gear	N/A	

NMFS No.	E02-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	4/26/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	1.1 NM north of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 04.9'N 70° 14.4'W
Event Description	A commercial fisherman reported the whale to CCS who responded. The fisherman was unable to standby but with assistance from the NEFSC aerial team they managed to relocate the free-swimming whale. The whale was evasive and, with help from the NEFSC team, CCS managed to attach a control line and buoys in an attempt to slow the whale down. Eventually the CCS team managed to cut and recover all the gear.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Very thick line forming a collar just forward of the pectoral flippers; no trailing gear was present.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	Entanglement trauma on body. None visible on the tailstock or fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown

Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E02-15		
Field No.	J 042615 HW	Date First Observed	4/26/2015
Location First Observed	1.1 NM north of Race Point, Provincetown, MA 42° 04.9' N, 70° 14.4' 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	4/26/2015	Gear Retrieved By	CCS
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Other	Photo documentation NOAA AMAPPS aerial survey crew	Location
		Depth	Unknown
		Bottom Type	Unknown
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Photographs indicate line of undetermined origin.			
<u>Comments:</u>			
<u>Conclusions:</u> Line of undetermined origin.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	N/A

NMFS No.	E03-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date First Observed Entangled	5/09/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	Duck, NC
Latitude/Longitude First Observed Entangled	36° 12.7'N 75° 45.9'W
Event Description	Animal stranded alive and was euthanized by local group. The whale had embedded net in and around the mouth.
Description of Gear on Whale as Reported	
A. During Initial Sighting	4-inch stretch mesh in and around the mouth. The tip of the rostrum was nearly severed from the embedded entanglement.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Severe entanglement trauma in and around the mouth. Tip of the rostrum was nearly severed from the entanglements; portions of the gear were embedded so badly within the mouth that some gear portions were embedded into bone. Animal emaciated.
B. Subsequent Descriptions	
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Juvenile female
NMFS Serious Injury/Mortality Determination	Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E03-15		
Field No.	PR 50915 Ba	Date First Observed	5/09/2015
Location First Observed	Duck, NC 36° 12.7' N, 75° 45.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Stranding
Species	Minke	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	5/09/2015	Gear Retrieved By	NCDMF
Date Gear Received	6/25/2015	Received From	NCDMF
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
Bottom Type		Unknown	
Gear Type:	Unknown fishery	Target Species:	Unknown
<u>Gear Description:</u> 4-inch stretch mesh of unknown fishery and origin.			
<u>Comments:</u> Gear was sent to NOAA Pascagoula Lab.			
<u>Conclusions:</u> Recovered mesh was of an unknown fishery and origin.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	NOAA Pascagoula Lab

NMFS No.	E04-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date First Observed Entangled	5/14/2015
Species	Humpback
Individual ID	Spinnaker
Location First Observed Entangled	77.2 NM east of Portsmouth, NH
Latitude/Longitude First Observed Entangled	43° 01.50'N 68° 57.60'W
Event Description	<p>5/14/2015</p> <ul style="list-style-type: none"> NEFSC aerial survey located the animal and stood by until the CCS team could arrive. The whale was essentially immobile and had a very complex entanglement with a heavy amount of gear suspended below. The CCS team managed to remove most of the gear but some gear remained in the mouth. <p>6/11/2015</p> <ul style="list-style-type: none"> Whale found deceased. Gear, from the 2014 case, was severely embedded in the mouth. No gear from the 2015 case was found on the animal.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Three lines exiting the mouth leading to the tail with then led at least 3 suspended pots below.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Entanglement trauma visible on head, tailstock, and fluke. Necropsy showed fresh healing trauma on ventral side of body.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	None
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury (2015 case)

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E04-15		
Field No.	PR 51415 Mn	Date First Observed	5/14/2015
Location First Observed	77.2 NM east of Portsmouth, NH 43° 01.5' N, 68° 57.6' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Spinnaker	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	5/14/2015	Gear Retrieved By	CCS		
Date Gear Received	May 2015	Received From	CCS		
Sources:	USCG		Date Set	Unknown	
	CCS	Photographs and recovered gear	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Lobster gear, gillnet gear and unknown line	Target Species:	Lobster		
<p><u>Gear Description:</u> 3 lobster traps recovered from a 10 pot trawl. Gillnet gear of unknown fishery and origin.</p>					
<p><u>Comments:</u> After viewing photographs of recovered gear, owner stated he had not fished the recovered traps in well over a year. Multiple lines of unknown fisheries and origin were also present. Recovered approximately 280' of 3/8" line and 20' of 1/2" line.</p>					
<p><u>Conclusions:</u> Whale was entangled in 3 traps of what was originally set as a 10 pot trawl. Animal had 3/8" sinking ground line in the mouth. A small portion of gillnet from the 2014 case was also documented in the mouth. Associated unknown lines were also involved in various portions of the entanglement.</p>					
Report By:	Glenn Salvador	Date:	2/14/2017	Current Location of Gear	NOAA Narragansett, RI

NMFS No.	E05-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	6/06/2015
Species	Finback
Individual ID	Unknown
Location First Observed Entangled	41.8 NM south southeast of Bar Harbor, ME
Latitude/Longitude First Observed Entangled	43° 43.398'N 67° 54.702'W
Event Description	Local whale watch documented the entangled whale slowly swimming. Due to the time of day and distance from shore no response was mounted.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Heavily fouled line embedded on the right fluke blade with one fouled buoy trailing about 50 feet behind the fluke. Possible heavy suspended gear trailing below. Clean line and buoy trailing from the fouled buoy. The clean buoy was about 80 feet behind the animal.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Embedded entanglement trauma on right fluke blade. Animal emaciated.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E05-15		
Field No.	PR 60615 Bp	Date First Observed	6/06/2015
Location First Observed	41.8 NM south southeast of Portsmouth, NH 43° 43.4' N, 67° 54.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Finback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Photos from whale watch	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown gear		Target Species:	Unknown	
<p><u>Gear Description:</u> Photographs show one line and buoy heavily fouled. Other line and surface system was relatively clear of fouling.</p>					
<p><u>Comments:</u> No gear was recovered.</p>					
<p><u>Conclusions:</u> Two surface systems and endlines of unknown fishery and origin.</p>					
Report By:	Glenn Salvador	Date:	2/14/2017	Current Location of Gear	N/A

NMFS No.	E06-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	6/13/2015
Species	Right
Individual ID	Unknown
Location First Observed Entangled	8.8 NM northwest of Westport, NS, Canada
Latitude/Longitude First Observed Entangled	44° 22.608'N 66° 28.620'W
Event Description	A small scout vessel for a local whale watch spotted and reported the animal which was described as struggling and traveling at a high rate of speed. The vessel had limited fuel and could only stand by for a few hours before returning to port. A subsequent search for the animal was unsuccessful.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line exiting the mouth leading to two polyballs trailing approximately 1000 feet behind the whale.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted.
B. Subsequent Descriptions	None noted.
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E06-15		
Field No.	PR 61315 Eg	Date First Observed	6/13/2015
Location First Observed	8.8 NM northwest of Westport, NS, Canada 44° 22.6' N, 66° 28.6' 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	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Photo documentation	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown		Target Species:	Unknown	
<p><u>Gear Description:</u> Photographs indicate approximately 1000 feet of line trailing off the whale with two polyballs visible.</p>					
<p><u>Comments:</u> Unable to determine if entangling gear is from one or multiple sources.</p>					
<p><u>Conclusions:</u> Line and surface system is of unknown origin.</p>					
Report By:	Glenn Salvador	Date:	2/14/2017	Current Location of Gear	N/A

NMFS No.	E07-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	6/14/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	21.8 NM southeast of Chatham, MA
Latitude/Longitude First Observed Entangled	41° 31.47'N 69° 29.73'W
Event Description	Recreational boater sighted a small entangled whale towing a line and small buoy. The boater was unable to stand by or document. The CCS team was nearby and was within the area in about 30 minutes, but was unable to relocate the animal.
Description of Gear on Whale as Reported	
A. During Initial Sighting	A trailing buoy was seen behind the animal with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E07-15		
Field No.	PR 61415 Ba	Date First Observed	6/14/2015
Location First Observed	21.8 NM southeast of Chatham, MA 41° 31.5' N, 69° 29.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
Bottom Type		Unknown	
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> No gear was documented or recovered.			
<u>Comments:</u> Entanglement reported by a recreational boater, no documentation is known to exist. Reporter described trailing line and a buoy.			
<u>Conclusions:</u> No gear was documented or recovered.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	N/A

NMFS No.	E08-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled – gear shed
Date First Observed Entangled	6/20/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	27.6 NM southeast of Chatham, MA
Latitude/Longitude First Observed Entangled	41° 30.0'N 69° 22.2'W
Event Description	<p>6/20/2015</p> <ul style="list-style-type: none"> The CCS response team was in the area and noticed a pair of whales resting on the surface and that one of the animals had an embedded entanglement on the blade of the fluke. The animal was curious of the vessel and allowed the team to make two cuts which released the majority of the gear. A small piece of line remained and the team determined that trying to remove this piece of gear would exacerbate the wound. <p>6/20/2016</p> <ul style="list-style-type: none"> A whale watch company out of Provincetown, MA documented the animal gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Two embedded lines in the leading edge of the right fluke blade. The line was of thin diameter and a small plastic bottle was tied in.
B. Subsequent Descriptions	No gear present.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Embedded entanglement trauma on the right fluke blade.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E08-15		
Field No.	J 062015 HW	Date First Observed	6/20/2015
Location First Observed	27.6 NM southeast of Chatham, MA 41° 30.0' N, 69° 22.2' 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	6/20/2015	Gear Retrieved By	CCS	
Date Gear Received	10/28/2015	Received From	CCS	
Sources:	USCG		Date Set	Unknown
	CCS	Photos and recovered gear	Date Lost	Unknown
	Fisherman		Location	Unknown
	Other		Depth	Unknown
Bottom Type			Unknown	
Gear Type:	Unknown	Target Species:	Unknown	
<u>Gear Description:</u> Small diameter line with small plastic bottle tied in.				
<u>Comments:</u> Recovered approximately 35' of ¼" line with two plastic bottles tied in. Language on the bottle cap indicates the gear may have originated from the Caribbean.				
<u>Conclusions:</u> Line is of unknown origin.				
Report By:	Glenn Salvador	Date:	2/14/2017	
		Current Location of Gear	Narragansett, RI, NOAA	

NMFS No.	E09-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	7/03/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	32.6 NM southeast of Point Judith, RI
Latitude/Longitude First Observed Entangled	40° 50'N 71° 14'W
Event Description	<p>7/03/2015</p> <ul style="list-style-type: none"> A sport fisherman reported the entangled whale and a local disentanglement network basic responder confirmed an anchored minke whale. Due to the time of day and distance from shore a full disentanglement response was not possible. <p>7/04/2015</p> <ul style="list-style-type: none"> The CCS team responded, with support from the local USCG and network basic responder, and found the whale in the same location. The animal had a bridle of gear leading from the mouth which the CCS team managed to cut and then remove the remaining gear from the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line exited both sides of the mouth and twisted underneath the head which then led down to the anchoring gear.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Numerous entanglement abrasion sites all over the body but the overall body condition was good.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E09-15		
Field No.	PR 70315 Ba	Date First Observed	7/03/2015
Location First Observed	32.6 NM southeast of Point Judith, RI 40° 50' N, 71° 14' 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)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/04/2015	Gear Retrieved By	CCS		
Date Gear Received	10/28/2015	Received From	CCS		
Sources:	USCG		Date Set	Approx. 7/01/2015	
	CCS	Photos and recovered gear	Date Lost	Unknown	
	Fisherman		Location	40° 50'N and 71° 14'W	
	Other		Depth	30 fathom	
		Bottom Type	Unknown		
Gear Type:	Lobster gear	Target Species:	Lobster		
<p><u>Gear Description:</u> 34 pot lobster trawl. Fisherman rigs his gear with 7/16" sink ground line, 3/8" floating and 5/16" sinking buoy lines. Surface system uses polyball and highflyer with radar reflector.</p>					
<p><u>Comments:</u> Recovered gear was an orange/blue polyform polyball with 1,500 weak link, a high flyer and approximately 35' of 1/2" line.</p>					
<p><u>Conclusions:</u> Whale was entangled in the mouth on the endline near the surface system.</p>					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	Narragansett, RI, NOAA

NMFS No.	E10-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	7/09/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	3.4 NM southeast of Sandy Hook, NJ
Latitude/Longitude First Observed Entangled	40° 27.6'N 73° 56.7'W
Event Description	<p>7/09/2015</p> <ul style="list-style-type: none"> Local WW documented the whale towing a buoy. No response was possible due to distance of closest responder. <p>7/12/2015</p> <ul style="list-style-type: none"> Numerous recreational boaters off Sandy Hook, NJ reported an entangled whale that matched the description of this case. Although no documentation exists, the location and description led us to believe it is the same case.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Buoy seen trailing about 30 feet behind the animal. Unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown sex and age
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E10-15		
Field No.	PR 70915 Mn	Date First Observed	7/09/2015
Location First Observed	3.4 NM southeast of Sandy Hook, NJ 40° 27.6' N, 73° 56.7' 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	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Photo documentation from whale watch	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown fixed gear		Target Species:	Unknown	
<u>Gear Description:</u> Photographs show endline and surface system of unknown fishery and origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Endline and surface system of unknown fishery and origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E11-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	7/09/2015
Species	Humpback
Individual ID	Lacuna
Location First Observed Entangled	4.4 NM north of Brier Island, NS, Canada
Latitude/Longitude First Observed Entangled	44° 21.6'N 66° 21.5'W
Event Description	<p>7/09/15</p> <ul style="list-style-type: none"> Local whale watch reported and stood by the animal while the DFO and CWR responded. Despite working until dark, the evasive whale foiled a number of attempts by the CWR to attach a control line and disentangle the animal. <p>7/15/15, 7/16/15, 7/19/15, 7/23/15, 7/25/15, 8/04/15, 8/06/15</p> <ul style="list-style-type: none"> The whale was sighted a number of times by local WW and CWR and DFO responded on a number of occasions when possible. All efforts failed due to a very evasive whale or the time of day prevented a response. The entanglement during all these sightings appeared to be the same. <p>8/23/15</p> <ul style="list-style-type: none"> CCS came across the animal in the Bay of Fundy and it appeared the entanglement had shifted slightly. While preparing for a response, the whale was lost in the fog and not re-sighted. <p>10/12/15</p> <ul style="list-style-type: none"> Whale was sighted gear free by a local WW.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Enormous bundle of line behind the dorsal fin with one line on each side of the body leading to the head. It is presumed the line led to the mouth.
B. Subsequent Descriptions	<p>7/15/15, 7/16/15, 7/19/15, 7/23/15, 7/25/15, 8/04/15, 8/06/15</p> <ul style="list-style-type: none"> Same entanglement configuration as initial sighting. <p>8/23/15</p> <ul style="list-style-type: none"> The coil of line behind the dorsal fin was not as extensive but the same general configuration was still present.

C. Diagram of Entangling Gear on Whale	10/12/15 <ul style="list-style-type: none"> Whale confirmed to be gear free. None
Description of Wounds/Condition	
A. During Initial Sighting	Entanglement abrasive trauma on the dorsal ridge of the tailstock behind the dorsal fin.
B. Subsequent Descriptions	10/12/15 <ul style="list-style-type: none"> Healing entanglement trauma behind the dorsal fin.
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	10/12/15
Life History Information	Adult male
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E11-15		
Field No.	PR 70915 Mn A	Date First Observed	7/09/2015
Location First Observed	4.4 NM north of Brier Island, NS, Canada 44° 21.6' N, 66° 21.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Lacuna	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	N/A
	CCS	Date Lost	N/A
	Fisherman	Location	N/A
	Other	Photo documentation by WW and CWR	Depth
Bottom Type			N/A
Gear Type:	Unknown line	Target Species:	N/A
<u>Gear Description:</u> Photographs show a line of unknown fishery and origin.			
<u>Comments:</u> No gear was recovered and gear was shed.			
<u>Conclusions:</u> Line of unknown fishery and origin.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	N/A

NMFS No.	E12-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	7/11/2015
Species	Humpback
Individual ID	Unnamed animal first seen in 2013,
Location First Observed Entangled	7.2 NM north of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 10.9'N 70° 13.3'W
Event Description	CCS found the anchored whale with fresh entanglement trauma and a large white shark circling the animal. There was already a large bite wound on the left flank of the body, which was bleeding. Eventually the shark moved off and the team managed to remove the gear from the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line exiting the left side of the mouth leading to multiple wraps around the tailstock and fluke, which then led down to the anchoring gear.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	Presumed white shark bite on the left flank of the body. Fresh entanglement trauma on the tailstock and fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E12-15		
Field No.	PR 71115 Mn	Date First Observed	7/11/2015
Location First Observed	7.2 NM north of Race Point, Provincetown, MA 42° 10.9'N 70° 13.3'W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentangled
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unnamed animal seen since 2013	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/11/2015		Gear Retrieved By	CCS	
Date Gear Received	10/28/2015		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS	Photo and recovered gear	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Unknown pot/trap gear		Target Species:	Unknown	
<u>Gear Description:</u> Endline and surface system of unknown pot/trap gear.					
<u>Comments:</u> Red ALWTRP gear marking color scheme noted on line. Recovered gear is approximately 105' of ½" line and a buoy spindle. One recovered segment has a parted 600 lbs. weak link.					
<u>Conclusions:</u> Whale was entangled in endline and surface system.					
Report By:	Glenn Salvador	Date:	2/14/2017	Current Location of Gear	NOAA, Narragansett, RI

NMFS No.	E13-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	7/18/2015
Species	Right
Individual ID	#3160, White Cloud
Location First Observed Entangled	2.3 NM east of Ingonish Ferry, Cape Breton, NS, Canada
Latitude/Longitude First Observed Entangled	46° 37'N 60° 20'W
Event Description	While members of DFO, MARS and NLWRS were responding to a satellite tagged entangled humpback whale, they came across a free-swimming right whale. The crews changed their plans and attempted to disentangle this whale. The animal had multiple wraps becoming embedded around the tail and heavy gear below. The line was quickly cut and the animal swam off.
Description of Gear on Whale as Reported	
A. During Initial Sighting	
B. Subsequent Descriptions	Multiple wraps around the tailstock leading down to trap below.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Necrotic tissue was described around the partially embedded line around the tailstock.
B. Subsequent Descriptions	None
Sighting prior to entanglement	5/08/2015
Re-sightings Post-entanglement	None
Life History Information	Adult male
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E13-15		
Field No.	PR 71815 Eg	Date First Observed	7/18/2015
Location First Observed	2.3 NM east of Ingonish Ferry, Cape Breton, NS, Canada 46° 37' N, 60° 20' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentangled
Species	Right	Gear Recovered (y/n)	Yes
Individual ID	#3160, White Cloud	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	7/18/15	Gear Retrieved By	DFO
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	MARS – photographs; DFO – recovery of gear	Depth
Bottom Type			Unknown
Gear Type:	Trap/Pot	Target Species:	Snow crab
<u>Gear Description:</u> DFO reported that snow crab gear was involved.			
<u>Comments:</u> Information on gear was supplied by DFO.			
<u>Conclusions:</u> Line from Canadian snow crab gear was wrapped around the tailstock of the animal.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	Canada

NMFS No.	E14-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	7/20/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	0.5 NM southeast of Bliss Island, NB, Canada
Latitude/Longitude First Observed Entangled	45° 00.778'N 66° 49.817'W
Event Description	Local WW noticed the whale behaving strangely and noticed the animal had line exiting the mouth making a bridle, which was attached to anchoring gear. CWR responded and made a cut near the mouth, which caused the weighted gear to pull the remaining line from the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line exiting both sides of the mouth effectively forming a bridle, which led to the anchoring gear below.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	
Description of Wounds/Condition	
A. During Initial Sighting	Entanglement trauma visible near the insertion area of the tailstock/fluke.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E14-15		
Field No.	PR 72015 Ba	Date First Observed	7/20/2015
Location First Observed	0.5 NM southeast of Bliss Island, NB, Canada 45° 0.78' N, 69° 49.82' 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	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	CWRT - photos	Depth
Bottom Type			Unknown
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Line of unknown origin.			
<u>Comments:</u> Line sank upon whale's release and no gear was recovered.			
<u>Conclusions:</u> Line of unknown origin.			
Report By:	Glenn Salvador	Date:	2/14/2017
		Current Location of Gear	N/A

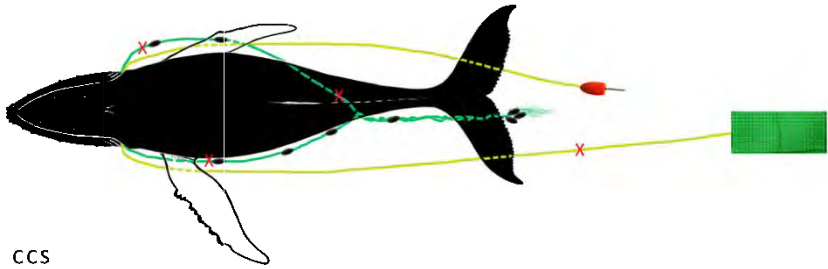
NMFS No.	E15-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	7/25/2015
Species	Humpback
Individual ID	Putter
Location First Observed Entangled	2.7 NM northeast of Truro, MA
Latitude/Longitude First Observed Entangled	42° 05'N 70° 02'W
Event Description	<p>7/25/2015</p> <ul style="list-style-type: none"> • WW vessel noticed monofilament line over the flukes with an unknown attachment point. <p>7/26/2015</p> <ul style="list-style-type: none"> • Animal was documented gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line seen trailing over the flukes with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	7/26/2015
Life History Information	Adult male
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E15-15		
Field No.	PR 72515 Mn	Date First Observed	7/25/2015
Location First Observed	2.7 NM northeast of Truro, MA 42° 05' N, 70° 02' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Putter	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	WW - photos	Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Unknown		Target Species:	Unknown	
<u>Gear Description:</u> Monofilament line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E16-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	8/02/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	3.5 NM southeast of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 01.1'N 70° 11.8'W
Event Description	CCS humpback program came across the entangled whale and stood by until the CCS rescue team arrived. The small free-swimming whale eventually had polyballs and sea anchor added to the entanglement by the CCS team to slow the whale and provide an opportunity for disentanglement. The trap and associated line was removed and recovered, and the gillnet was cut as short as possible near the mouth as it could not be removed. It was thought the animal might be able to shed the remaining gillnet at a later date.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line and gillnet entering both sides of the mouth and trailing behind. Gillnet entangles with itself under the body. A pot trails off the left side and a buoy trails off the right side of the animal.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	 <p>CCS</p>
Description of Wounds/Condition	
A. During Initial Sighting	Overall poor condition with numerous sites of entanglement trauma.
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None

Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E16-15		
Field No.	PR 80215 Mn	Date First Observed	8/2/2015
Location First Observed	3.5 NM southeast of Race Point, Provincetown, MA 42° 01.1' N, 70° 11.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/02/2015	Gear Retrieved By	CCS		
Date Gear Received	10/28/2015	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation and gear recovery	Date Lost	Unknown	
	Fisherman	Owner interview	Location	Exempt MA state waters in LMA1	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Lobster (single) and unknown gillnet	Target Species:	Lobster and unknown		
<p><u>Gear Description:</u> Lobster gear – fisherman exclusively fishes singles in exempt MA state waters in LMA1. Red and white ALWTRP markings on line. Lines are a mix of 5/16” and 3/8” with the bottom third of the endline being float rope. Weak links are either off the shelf plastic 600 lbs links or hog rings. Unknown gillnet – 5 ½” mesh, and 7 fathoms of float line with attached hard floats was recovered.</p>					
<p><u>Comments:</u> Gillnet is of unknown fishery and origin. Recovered gear is approximately 110’ of 3/8” line with 11-inch bullet buoy and 5 hog rings for a weak link. Line was marked with colored zip ties.</p>					
<p><u>Conclusions:</u> The whale was entangled on the endline of the lobster trap and head rope of a gillnet in the mouth. Gillnet entangled upon itself underneath the body of the animal stretching just beyond the flukes. A small portion of gillnet remained in the mouth. All lobster gear was removed.</p>					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	Narragansett, RI, NOAA

NMFS No.	E17-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	8/02/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	4.8 NM northeast of Chatham, MA
Latitude/Longitude First Observed Entangled	41° 44'N 69° 53'W
Event Description	A tuna fisherman reported the animal with monofilament line around the flipper to the USCG. CCS conducted a follow up interview and the reporter stated the whale shed the gear during the encounter. No documentation was taken.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line described as being wrapped around the flipper.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	None
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E17-15		
Field No.	PR 80215 Mn A	Date First Observed	8/02/2015
Location First Observed	4.8 NM northeast of Chatham, MA 41° 44' N, 69° 53' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
Bottom Type		Unknown	
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Monofilament line of unknown origin.			
<u>Comments:</u>			
<u>Conclusions:</u> Monofilament line of unknown origin. Reporter witnessed shed the gear.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E18-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	8/02/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	14.8 NM north northeast of Chatham, MA
Latitude/Longitude First Observed Entangled	41° 44.43'N 69° 37.68'W
Event Description	<p>8/02/2015</p> <ul style="list-style-type: none"> A tuna fisherman reported a mother and calf pair traveling with the calf entangled with line around the tail and trailing a buoy. No response was mounted due to the time of day and distance from shore. No documentation was taken. <p>8/22/2015</p> <ul style="list-style-type: none"> A tuna fisherman reported a pair of whales again that matched the previous description. CCS responded but was unable to relocate the whales. No documentation was taken.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Described as line wrapped around the tail with a buoy trailing a short distance behind.
B. Subsequent Descriptions	<p>8/22/2015</p> <ul style="list-style-type: none"> Same as previous description except the buoy had some fouling.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Calf of unknown sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E18-15		
Field No.	PR 80215 Mn B	Date First Observed	8/02/2015
Location First Observed	14.8 NM northeast of Chatham, MA 41° 44.43' N, 69° 37.68' 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	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
Bottom Type		Unknown	
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Surface system and endline of unknown origin.			
<u>Comments:</u> No documentation is known to exist and no gear was recovered.			
<u>Conclusions:</u> Surface system and endline of unknown origin. Described as wrapping the tail but full entanglement configuration is unknown.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E19-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	8/14/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	1.7 NM north of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 05.6'N 70° 15.0'W
Event Description	Local whale watch reported the entangled whale and stood by until the CCS team arrived. The whale, which was accompanied by another whale, was traveling quickly but the team managed to attach a control line and a polyball in an attempt to slow down the animal. Eventually the line started slipping from the mouth and it was confirmed all the gear was removed.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line exiting out of both sides of the mouth with one buoy trailing.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E19-15		
Field No.	PR 81415 Mn	Date First Observed	8/14/2015
Location First Observed	1.7 NM north of Race Point, Provincetown, MA 42° 05.6' N, 70° 15.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	8/14/2015	Gear Retrieved By	CCS		
Date Gear Received	10/28/2015	Received From	CCS		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman	Owner Interview	Location	MA exempt outer Cape Cod	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Trap/Pot	Target Species:	Lobster		
<p><u>Gear Description:</u> Fisherman's description of how he fishes: endline is 3/8" and 5/16" with bottom 1/3 to 1/2 being float rope. Weak links are either off the shelf 600 lbs links or hog rings.</p>					
<p><u>Comments:</u> Recovered approximately 30 fathoms of endline with red and yellow ALWTRP markings.</p>					
<p><u>Conclusions:</u> The whale was entangled in the mouth on the endline of a single lobster trap.</p>					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	Narragansett, RI, NOAA

NMFS No.	E20-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	8/16/2015
Species	Humpback
Individual ID	Cardhu
Location First Observed Entangled	6.7 NM northeast of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 10.16'N 70° 11.89'W
Event Description	<p>8/16/2015</p> <ul style="list-style-type: none"> Local whale watch documented the animal with monofilament over the tail with an unknown attachment point. <p>8/19//2015, 8/21/2015, 8/24/2015</p> <ul style="list-style-type: none"> Local whale watch companies documented the monofilament still on the whale. <p>8/26/2015</p> <ul style="list-style-type: none"> CCS documented the animal gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line seen trailing over the tail with an unknown attachment point.
B. Subsequent Descriptions	A hook and line seen over the tailstock. It appeared the attachment point may have shifted.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	8/26/2015
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

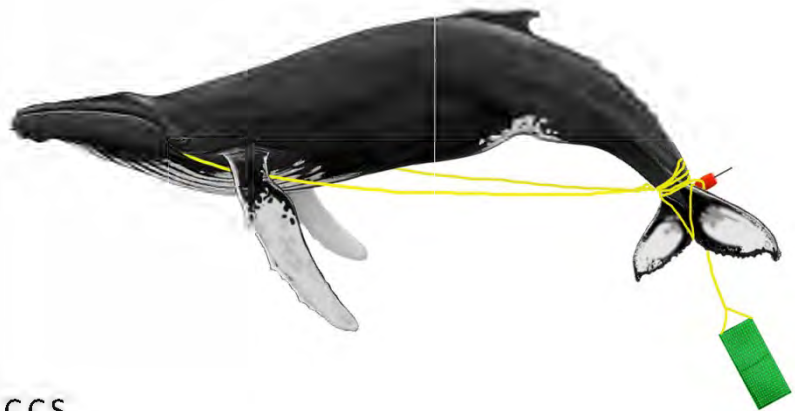
NMFS No.	E20-15		
Field No.	PR 81615 Mn	Date First Observed	8/16/2015
Location First Observed	6.7 NM northeast of Race Point, Provincetown, MA 42° 10.2' N, 70° 11.9' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Cardhu	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A		
Date Gear Received	N/A	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Photo documentation by whale watch	Depth	Unknown	
		Bottom Type	Unknown		
Gear Type:	Unknown	Target Species:	Unknown		
<u>Gear Description:</u> Photographs show hook and monofilament gear of unknown fishery and origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Hook and monofilament gear of unknown fishery and origin. Whale was later seen gear free.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E21-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	8/29/2015
Species	Humpback
Individual ID	Crinkle
Location First Observed Entangled	8.5 NM east of Chatham, MA
Latitude/Longitude First Observed Entangled	41° 44.64'N 69° 45.08'W
Event Description	<p>8/29/2015</p> <ul style="list-style-type: none"> A recreational fisherman reported the entangled whale and stood by the animal until the CCS team arrived. The whale had a complex entanglement including a pot in the water column holding down the fluke. Sea conditions were declining and the team only could manage to attach a telemetry buoy for another attempt at a later date. <p>9/01/2015</p> <ul style="list-style-type: none"> The whale was tracked with telemetry for 100 miles and allowed the CCS team to attempt another disentanglement when better environmental conditions existed. The whale had a complex entanglement that involved the mouth and tail. After cutting free the gear from the tail, the team managed to remove all the gear from the mouth as well.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Multiple wraps around the tailstock and fluke with a pot hanging from the tail. Lines also led up to both sides of the mouth effectively hog-tying the animal.
B. Subsequent Descriptions	Same as previous sighting.

C. Diagram of Entangling Gear on Whale



CCS

Description of Wounds/Condition

A. During Initial Sighting

Entanglement trauma visible on the tailstock and fluke.

B. Subsequent Descriptions

Same as previous sighting.

Sighting prior to entanglement

Unknown

Re-sightings Post-entanglement

9/01/2015

Life History Information

Juvenile of unknown sex

NMFS Serious Injury/Mortality Determination

Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E21-15		
Field No.	PR 82915 Mn	Date First Observed	8/29/2015
Location First Observed	8.5 NM east of Chatham, MA 41° 44.6' N, 69° 45.1' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Disentanglement
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Crinkle	Gear Analysis Conducted (y/n)	Yes

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	9/01/2015	Gear Retrieved By	CCS	
Date Gear Received	10/28/2015	Received From	CCS	
Sources:	USCG		Date Set	Unknown
	CCS	Photos and recovered gear	Date Lost	Unknown
	Fisherman	Gear owner interview	Location	MA
	Other		Depth	Unknown
Bottom Type			Unknown	
Gear Type:	Recreational Trap/Pot	Target Species:	Lobster	
<p><u>Gear Description:</u> Gear was recreational single pot. Pot was 4th pot out of his 10 pot license. Line had red mark representing ALWTRP LMA 1 region (although not required) and blue mark alerting the fisherman that the trap was close to the surface.</p>				
<p><u>Comments:</u> Recovered approximately 78 feet of 3/8" white line with purple tracers.</p>				
<p><u>Conclusions:</u> The whale had the endline exiting both sides of the mouth, twisting together near the flukes and then wrapping the tailstock and fluke multiple times, effectively hogtying the animal. Both the buoy and trap were close to the fluke.</p>				
Report By:	Glenn Salvador	Date:	2/15/2017	
		Current Location of Gear	Narragansett, RI, NOAA	

NMFS No.	E22-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	9/01/2015
Species	Humpback
Individual ID	2015 calf of Owl
Location First Observed Entangled	6.0 NM northeast of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 09.2'N 70° 11.4'W
Event Description	<p>9/01/2015</p> <ul style="list-style-type: none"> Local whale watch saw with monofilament line over the tail with an unknown attachment point. <p>Sept. 3, 8, 9, 12, 16, 19, 20, 27 in 2015</p> <ul style="list-style-type: none"> Local whale watch companies continue to document monofilament line on the animal. <p>9/28/2015</p> <ul style="list-style-type: none"> BOS documented the whale gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line seen over the tail with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	9/28/2015
Life History Information	Calf of unknown sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E22-15		
Field No.	PR 90115 Mn	Date First Observed	9/01/2015
Location First Observed	6.0 NM northeast of Race Point, Provincetown, MA 42° 09.2' N, 70° 11.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	2015 calf of Owl	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	WW – photo documentation	Depth
Bottom Type			Unknown
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Photographs shows monofilament line of unknown origin.			
<u>Comments:</u>			
<u>Conclusions:</u> Monofilament line of unknown origin.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E23-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	9/07/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	12.2 NM northwest of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 13.24'N 70° 25.21'W
Event Description	While reviewing images back on-shore, a local WW noticed a whale had monofilament line draped over the fluke with an unknown attachment point.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line draped over the fluke with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E23-15		
Field No.	PR 90715 Mn	Date First Observed	9/07/2015
Location First Observed	12.2 NM northwest of Race Point, Provincetown, MA 42° 13.2' N, 70° 25.2' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	WW – photo documentation	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown		Target Species:	Unknown	
<u>Gear Description:</u> Photographs shows monofilament line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E24-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	9/13/2015
Species	Right
Individual ID	#1306, Velcro
Location First Observed Entangled	33.4 NM southeast of Cape Sable Island, NS, Canada
Latitude/Longitude First Observed Entangled	42° 55.4'N 65° 15.0'W
Event Description	<p>9/13/2015</p> <ul style="list-style-type: none"> CWI documented the whale with line coming out of the mouth but it was unknown as to the level of severity and complexity of the entanglement. Due to the time of day, distance from shore and limited resources, no response was undertaken. <p>3/27/2016</p> <ul style="list-style-type: none"> CCS aerial team documented the whale in Cape Cod Bay. The entanglement configuration was unclear due to poor lighting conditions. <p>5/23/2016</p> <ul style="list-style-type: none"> NEFSC aerial team documented the whale east of Cape Cod. Line was visible, emanating from the right side of the mouth near the tip of the rostrum. It was believed the entanglement was non-life threatening. <p>5/26/2016</p> <ul style="list-style-type: none"> NEFSC aerial team documented the whale again east of Cape Cod. This additional documentation confirmed the line was woven among various baleen plates in the mouth. <p>8/16/2016</p> <ul style="list-style-type: none"> NEAq documented the whale again and it appeared the entanglement configuration remained the same. The one notable difference was the overall health of the animal appeared to have declined, although it was unclear if it was due to the entanglement.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line seen coming from the left side of the mouth.
B. Subsequent Descriptions	Line seen emanating from the right side of the mouth near the tip of the rostrum.

C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	8/16/2016 <ul style="list-style-type: none"> Overall body condition was poor.
Sighting prior to entanglement	5/08/2015
Re-sightings Post-entanglement	None
Life History Information	Adult male
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E24-15		
Field No.	PR 91315 Eg	Date First Observed	9/13/2015
Location First Observed	33.4 NM southeast of Cape Sable Island, NS, Canada 42° 55.4' N, 65° 15.0' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Right	Gear Recovered (y/n)	No
Individual ID	#1306, Velcro	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS	Photographs	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Photographs from numerous groups	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown		Target Species:	Unknown	
<u>Gear Description:</u> Line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E25-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	9/18/2015
Species	Humpback
Individual ID	Azrael
Location First Observed Entangled	9.4 NM northeast of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 10.4'N 70° 05.7'W
Event Description	<p>9/18/2015</p> <ul style="list-style-type: none"> • CCS documented monofilament line trailing off both side the tail with an unknown attachment point. <p>9/19/2015</p> <ul style="list-style-type: none"> • WW documents the animal gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line draped over both sides of the fluke with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	9/19/2015
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E25-15		
Field No.	PR 91815 Mn	Date First Observed	9/18/2015
Location First Observed	9.4 NM northeast of Race Point, Provincetown, MA 42° 10.4' N, 70° 05.7' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Azrael	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A		
Date Gear Received	N/A	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Unknown	Target Species:	Unknown		
<u>Gear Description:</u> Photographs shows monofilament line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E26-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	9/18/2015
Species	Humpback
Individual ID	Diablo
Location First Observed Entangled	6.5 NM northeast of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 08.56'N 70° 08.75'W
Event Description	While reviewing images back on-shore CCS found monofilament line trailing off the fluke. Found later that day gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line trailing from the left side of the fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	9/18/2015
Life History Information	Adult female
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E26-15		
Field No.	PR 91815 Mn A	Date First Observed	9/18/2015
Location First Observed	6.5 NM northeast of Race Point, Provincetown, MA 42° 08.6' N, 70° 08.8' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Diablo	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A		
Date Gear Received	N/A	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Unknown	Target Species:	Unknown		
<u>Gear Description:</u> Photographs shows monofilament line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E27-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	9/19/2015
Species	Humpback
Individual ID	Mogul
Location First Observed Entangled	13.0 NM east southeast of Hampton, NH on 9/20/2015
Latitude/Longitude First Observed Entangled	42° 52.96'N 70° 30.54'W
Event Description	<p>9/19/2015</p> <ul style="list-style-type: none"> Post-trip analysis from local WW showed the animal had the same gear configuration. <p>9/20/2015</p> <ul style="list-style-type: none"> While reviewing images back on-shore, BOS found a hook embedded in the left fluke blade and with monofilament line trailing. <p>9/23/2015</p> <ul style="list-style-type: none"> WW documented the animal gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Hook embedded in the left fluke blade with monofilament line trailing.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	9/23/2015
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E27-15		
Field No.	PR 92015 Mn	Date First Observed	9/20/2015
Location First Observed	13.0 NM east southeast of Hampton, NH 42° 53.0' N, 70° 30.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Mogul	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	BOS – photo documentation	Depth
Bottom Type			Unknown
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Photographs show hook and monofilament line of unknown origin.			
<u>Comments:</u>			
<u>Conclusions:</u> Hook and monofilament line of unknown origin.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E28-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	9/24/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	13.5 NM east southeast of Hampton, NH
Latitude/Longitude First Observed Entangled	42° 52.21'N 70° 30.08'W
Event Description	In the early morning hours, a tuna fisherman aboard his anchored vessel was awoken by his vessel moving. The fisherman stood by for hours while CCS was mounting a response but eventually the whale was lost. The whale was seen towing the entire anchoring system including a Danforth anchor, chain, and line. Poor conditions prevented CCS from mounting a full response.
Description of Gear on Whale as Reported	
A. During Initial Sighting	The full anchoring system was seen being towed by the whale with an unknown attachment point.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E28-15		
Field No.	PR 92415 Mn	Date First Observed	9/24/2015
Location First Observed	13.5 NM east southeast of Hampton, NH 42° 52.2' N, 70° 30.1' 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	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	9/23/2015	
	CCS		Date Lost	N/A	
	Fisherman	Photo documentation	Location	42° 52' N and 70° 30' W	
	Other		Depth	Unknown	
Bottom Type			Unknown		
Gear Type:	Vessel anchoring system		Target Species:	N/A	
<p><u>Gear Description:</u> Anchoring system consisted of 45 lbs. Danforth anchor connected to approximately 20' of 3/8" chain, which connected to 350' of 1/2" line which connected to a 2' diameter line polyball. 150' of 3/8" floating line was clipped to the polyball with an acorn buoy 30' near the bitter end.</p>					
<p><u>Comments:</u></p>					
<p><u>Conclusions:</u> It is unclear what portion of the anchoring system the whale initially interacted with. The animal was last seen towing line, chain, and the Danforth anchor.</p>					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E29-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	9/25/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	0.6 NM north of Menemsha Harbor, MA
Latitude/Longitude First Observed Entangled	41° 21.9'N 70° 45.8'W
Event Description	Recreational boater reported the animal and the local harbormaster and USCG went out to document the animal. They found an emaciated whale with overall poor body condition with line around the body near the shoulders of the animal and a small piece of line trailing. No response was possible due to the time of day.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line potentially embedded around the body with a 10 foot section of line trailing beyond the flukes.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	Emaciated and overall poor body condition including cyamids covering parts of the body.
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced serious injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E29-15		
Field No.	PR 92515 Mn	Date First Observed	9/25/2015
Location First Observed	0.6 NM north of Menemsha Harbor, MA 41° 21.9' N, 70° 45.8' 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	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Photo documentation	Depth
Bottom Type			Unknown
Gear Type:	Unknown	Target Species:	Unknown
<u>Gear Description:</u> Photographs show line of unknown origin.			
<u>Comments:</u>			
<u>Conclusions:</u> Line is of unknown origin.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E30-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Entangled
Date First Observed Entangled	9/28/2015
Species	Right
Individual ID	Unknown
Location First Observed Entangled	22.2 NM east of Cape Elizabeth, ME
Latitude/Longitude First Observed Entangled	43° 33.5'N 69° 41.4'W
Event Description	WW documented line over the flukes. MMP was initiating a response but due to increasing poor weather conditions and the reporter losing the whale, no response was undertaken.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line seen trailing over the flukes with an unknown attachment point. Reporter believed there may have been some heavy weight associated with the entanglement.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E30-15		
Field No.	PR 92815 Eg	Date First Observed	9/28/2015
Location First Observed	22.2 NM east of Cape Elizabeth, ME 43° 33.5' N, 69° 41.4' 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	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	WW - video	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown		Target Species:	Unknown	
<u>Gear Description:</u> Video shows line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Line is of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E31-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	10/31/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	2.1 NM south of Boothbay Harbor, ME
Latitude/Longitude First Observed Entangled	43° 48.9'N 69° 38.5'W
Event Description	Recreational fisherman reported the animal to USCG and agreed to stand by. While MMP was mounting a response, the reporter documented a fisherman begin to haul the associated endline which pulled the whale close to the vessel. The whale opened its mouth which appeared to allow the line to slide out and also unwrap a loop around the body.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line in the mouth and a simple wrap around the body.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E31-15		
Field No.	PR 103115 Ba	Date First Observed	10/31/2015
Location First Observed	2.1 NM south of Boothbay Harbor, ME 43° 48.9' N, 69° 38.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A		Gear Retrieved By	N/A	
Date Gear Received	N/A		Received From	N/A	
Sources:	USCG		Date Set	Unknown	
	CCS		Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other	Recreational boater - photos	Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Lobster		Target Species:	Lobster	
<p><u>Gear Description:</u> Photographs and description from recreational fisherman show an endline and buoy involved with the entanglement.</p>					
<p><u>Comments:</u></p>					
<p><u>Conclusions:</u> Gear is consistent with near shore lobster gear because of the buoy style, area fished, surrounding lobster fishing activity, and report from local fisherman who disentangled the animal.</p>					
Report By:	Glenn Salvador	Date:	3/22/2017	Current Location of Gear	N/A

NMFS No.	E32-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Gear shed
Date First Observed Entangled	11/18/2015
Species	Humpback
Individual ID	Lunar
Location First Observed Entangled	7.7 NM north of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	42° 11.14'N 70° 17.41'W
Event Description	<p>11/18/2015</p> <ul style="list-style-type: none"> CCS documented monofilament line trailing from the left side of the body and over the flukes. Attachment point was unknown. <p>11/25/2015</p> <ul style="list-style-type: none"> CCS documented the whale gear free.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Monofilament line trailing from the left side of the body and over the flukes. Attachment point was unknown.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Yes, consult CCS
Re-sightings Post-entanglement	11/25/2015
Life History Information	Adult of unknown sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E32-15		
Field No.	PR 111815 Mn	Date First Observed	11/18/2015
Location First Observed	7.7 NM north of Race Point, Provincetown, MA 42° 11.1' N, 70° 17.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	No
Individual ID	Lunar	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A		
Date Gear Received	N/A	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown	Target Species:	Unknown		
<u>Gear Description:</u> Photographs show monofilament line of unknown origin.					
<u>Comments:</u>					
<u>Conclusions:</u> Monofilament line of unknown origin.					
Report By:	Glenn Salvador	Date:	2/17/2017	Current Location of Gear	N/A

NMFS No.	E33-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Disentangled
Date First Observed Entangled	12/04/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	8.8 NM southwest of Race Point, Provincetown, MA
Latitude/Longitude First Observed Entangled	41° 56.3'N 70° 21.1'W
Event Description	A tug and tow reported the anchored whale and agreed to stand by while CCS mounted a response. The whale appeared to be anchored and had multiple wraps around the insertion area of the fluke and fluke blades. The team managed to add a control line and eventually managed to make one cut which caused the animal to dive and submerge the surface system. Moments later, the surface system, control line, and gear rose to the surface. The CCS team tried to haul the gear but was unable to do so.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Line around the fluke insertion area and fluke blades. A polyball was also near the tail.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E33-15		
Field No.	PR 120415 Mn	Date First Observed	12/04/2015
Location First Observed	8.8 NM southwest of Race Point, Provincetown, MA 41° 56.3' N, 70° 21.1' 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	N/A	Gear Retrieved By	N/A		
Date Gear Received	N/A	Received From	N/A		
Sources:	USCG		Date Set	Unknown	
	CCS	Photo documentation	Date Lost	Unknown	
	Fisherman		Location	Unknown	
	Other		Depth	Unknown	
			Bottom Type	Unknown	
Gear Type:	Unknown	Target Species:	Unknown		
<u>Gear Description:</u> Photographs show endline and surface system.					
<u>Comments:</u>					
<u>Conclusions:</u> Endline and surface system of unknown origin.					
Report By:	Glenn Salvador	Date:	2/15/2017	Current Location of Gear	N/A

NMFS No.	E34-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Partial disentanglement – entangled
Date First Observed Entangled	12/04/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	16.5 NM northwest of Brier Island, NS, Canada
Latitude/Longitude First Observed Entangled	44° 24.5'N 66° 42.3'W
Event Description	Commercial fisherman reported the anchored whale and removed most of the gear. The whale was seen swimming away with two polyballs close to the body and one line over the body.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Unknown original configuration, but whale was last seen with line over the body and two polyballs close to the body.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E34-15		
Field No.	PR 120415 Mn A	Date First Observed	12/04/2015
Location First Observed	16.5 NM northwest of Brier Island, NS, Canada 44° 24.5' N, 66° 42.3' 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	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
Bottom Type		Unknown	
Gear Type:	Lobster	Target Species:	Lobster
<u>Gear Description:</u> Surface system and endline described by fisherman. Unknown original gear configuration.			
<u>Comments:</u>			
<u>Conclusions:</u> Fisherman described the whale entangled in at least the surface system and endline of Canadian lobster gear. The full entanglement configuration was unknown.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E35-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Deceased
Date First Observed Entangled	12/06/2015
Species	Minke
Individual ID	Unknown
Location First Observed Entangled	13 NM south of Port Joli, NS, Canada
Latitude/Longitude First Observed Entangled	43° 39.5'N 64° 52.4'W
Event Description	<p>12/06/2015</p> <ul style="list-style-type: none"> Fisherman found a live entangled whale while hauling his gear. He contacted the local authorities. <p>12/07/2015</p> <ul style="list-style-type: none"> DFO and MARS were notified in the morning and were preparing for a response. The fisherman was contacted and he indicated the whale and gear was gone. <p>12/10/2015</p> <ul style="list-style-type: none"> Fisherman was in the same area again and found the deceased whale and gear had floated to the surface.
Description of Gear on Whale as Reported	
A. During Initial Sighting	No entanglement description. The fisherman described the whale had hauled one trawl into his trawl.
B. Subsequent Descriptions	<p>12/10/2015</p> <ul style="list-style-type: none"> It was described as having numerous wraps around the body and tail.
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex

**NMFS Serious Injury/Mortality
Determination**

Human-induced mortality

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E35-15		
Field No.	PR 120615 Ba	Date First Observed	12/06/2015
Location First Observed	13 NM south of Port Joli, NS, Canada 43° 39.5' N, 64° 52.4' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Minke	Gear Recovered (y/n)	No
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Depth	Unknown
		Bottom Type	Unknown
Gear Type:	Lobster	Target Species:	Lobster
<u>Gear Description:</u> Fisherman described the whale was entangled in two lobster trawls.			
<u>Comments:</u>			
<u>Conclusions:</u> Whale was entangled in two Canadian lobster trawls. The full entanglement configuration was unknown.			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A

NMFS No.	E36-15
Initial Status	Alive
Subsequent Status (as of the date the NMFS report was completed)	Partial disentanglement – status unknown
Date First Observed Entangled	12/15/2015
Species	Humpback
Individual ID	Unknown
Location First Observed Entangled	3.5 NM southeast of Ingomar, NS, Canada
Latitude/Longitude First Observed Entangled	43° 30.6'N 65° 19.5'W
Event Description	A fisherman reported the anchored whale and while DFO, MARS and CWR were responding, they cut their traps free of the entanglement. The whale was now free-swimming and a Canadian Coast Guard vessel that happened to be in the area followed the animal for some time and documented the case until they lost the animal. MARS/DFO searched the area and could not relocate the whale.
Description of Gear on Whale as Reported	
A. During Initial Sighting	Unknown original configuration but photos from when the animal was free-swimming showed lines and part of the surface system around the tailstock and fluke.
B. Subsequent Descriptions	None
C. Diagram of Entangling Gear on Whale	None
Description of Wounds/Condition	
A. During Initial Sighting	None noted
B. Subsequent Descriptions	None
Sighting prior to entanglement	Unknown
Re-sightings Post-entanglement	None
Life History Information	Unknown age and sex
NMFS Serious Injury/Mortality Determination	Human-induced prorated injury

FISHERY INTERACTION GEAR ANALYSIS

NMFS No.	E36-15		
Field No.	PR 121515 Mn	Date First Observed	12/15/2015
Location First Observed	3.5 NM southeast of Ingomar, NS, Canada 43° 30.6' N, 65° 19.5' W	Type of Event - Observation, Disentanglement, Stranding. Other (describe)	Observation
Species	Humpback	Gear Recovered (y/n)	Yes
Individual ID	Unknown	Gear Analysis Conducted (y/n)	No

GEAR DESCRIPTION / ANALYSIS

Date Gear Retrieved	N/A	Gear Retrieved By	N/A
Date Gear Received	N/A	Received From	N/A
Sources:	USCG	Date Set	Unknown
	CCS	Date Lost	Unknown
	Fisherman	Location	Unknown
	Other	Canadian Coast Guard - photos	Depth
Bottom Type			Unknown
Gear Type:	Lobster	Target Species:	Lobster
<p><u>Gear Description:</u> Photographs show endline and surface system. Fisherman stated he removed his trap/pots. Unknown original gear configuration.</p>			
<p><u>Comments:</u></p>			
<p><u>Conclusions:</u> Photographs and description indicate the whale was entangled in the endline, surface system, and some traps. Unknown original entanglement configuration.</p>			
Report By:	Glenn Salvador	Date:	2/15/2017
		Current Location of Gear	N/A