Species Right Whale		ale WI	nale ID Eg #1102					
C	ate first observe	d entangled	08 Jun 2001		Cooo atudu ID	PCCS	NMFS	GEAR ID
(date seen prior without gear) (06 Aug 1998)			Case study ID	E06-01	J060801			
Sex	Male	Birth year	Unknown	Age at entanglement 22+	Gear sample collected?	Yes	Gear type Unknow	n



Reproductive prior to/after entanglement detection?			Yes/No		
Entanglement injury severity			Severe		
Entanglement config		figuration risk	High		
Mound coverity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
vound seventy	Low	High	Unknown	Low	Medium
Duration of time	Minimum 100 days, maximum 1 136 days				
	No				
	Dead 16 Sep 2001				
Number of prior entangleme	1				

Entanglement configuration	Single rostrum wrap with lines exiting right and left mouthline to 35 feet aft of the flukes and mid-back.
Anchoring point(s)	Mouthline
Gear configuration confidence	High
Remaining questions	None
Comments	Addition of drag from a telemetry buoy to the left line shortened the right line but this was hindered by knots near the bitter end.

	Polymer type	PP/Lead
G	ear component	
Rope di	ameter (inches)	3/4 (0.7848)
Breaking	Tested	7 639
strength (lbs)	New	7 650



09 Jun 2001 PCCS



09 Jun 2001 PCCS



10 Jul 2001 PCCS



30 Aug 2001 PCCS This case study was developed under NOAA Award # NA09NMF4520413 to the Consortium for Wildlife Bycatch Reduction, administered at the New England Aquarium, Boston, MA, USA (available at www.bycatch.org). See: Knowlton, A.R., J. Robbins, S. Landry, H.A. McKenna, S.D. Kraus, T. B. Werner. 2015. Effects of fishing rope strength on the severity of large whale entanglements. Conservation Biology DOI: 10.1111/cobi.12590



06 Aug 2001 NMFS



DATA SHEET

FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO.

NMFS NO.

J060801

E6-01

Gear Description:

Polypro line with lead making it sinking, 36 ft long as seen in photo.



Rope description:

 $^{3}/_{4}$ inch blue-green PP with tiny orange marker and 1.8mm dia. lead wire core. Specific gravity of 1.15 makes this a rope that sinks readily even though the fiber is buoyant. The lead core has broken into small segments, probably due to rope usage over haulers and/or sheaves.

Tested (T) or adjusted (A)	Typical new strength	Rope condition
strength		
7,639 lbs (T)	7,500 lbs	Moderate



3-strand rope with 19 yarn ends per strand and lead core in center of each strand. Broken core segments seen in photo.