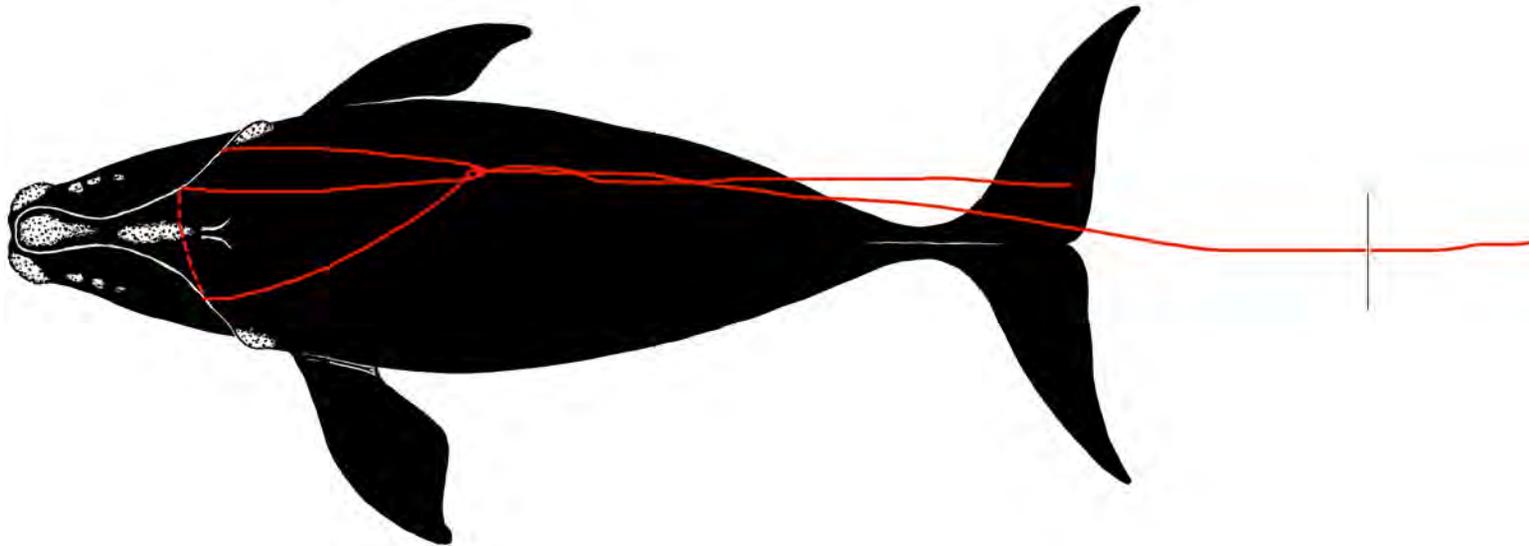


Species	Right Whale	Whale ID	Eg #3610
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Date first observed entangled (date seen prior without gear)		27 Sep 2006 (15 Feb 2006)			
Sex	Male	Birth year	Unknown	Age at entanglement	1+

Case study ID	PCCS	NMFS	GEAR ID
	WR-2006-28	E32-06	J092706
Gear sample collected?	Yes	Gear type	Longline



Reproductive prior to/after entanglement detection?					
Entanglement injury severity		Moderate			
Entanglement configuration risk		High			
Wound severity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
	Low	Low	Medium	Medium	Low
Duration of time carrying gear		Minimum 119 days, maximum 433 days			
Disentangled?		Yes - 24 Jan 2007			
Status		Alive - Last sighted in 2012			
Number of prior entanglement interactions		1			

Entanglement configuration	Thin line with hooks through mouth and loosely twisted into loop over right shoulder; line trailing ~100 feet aft of flukes
Anchoring point(s)	Mouthline
Gear configuration confidence	High
Remaining questions	None
Comments	Gear was later shed

Polymer type	PP	
Gear component	Vertical	
Rope diameter (inches)	5/16 (0.327)	
Breaking strength (lbs)	Tested	1 292
	New	1 700

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



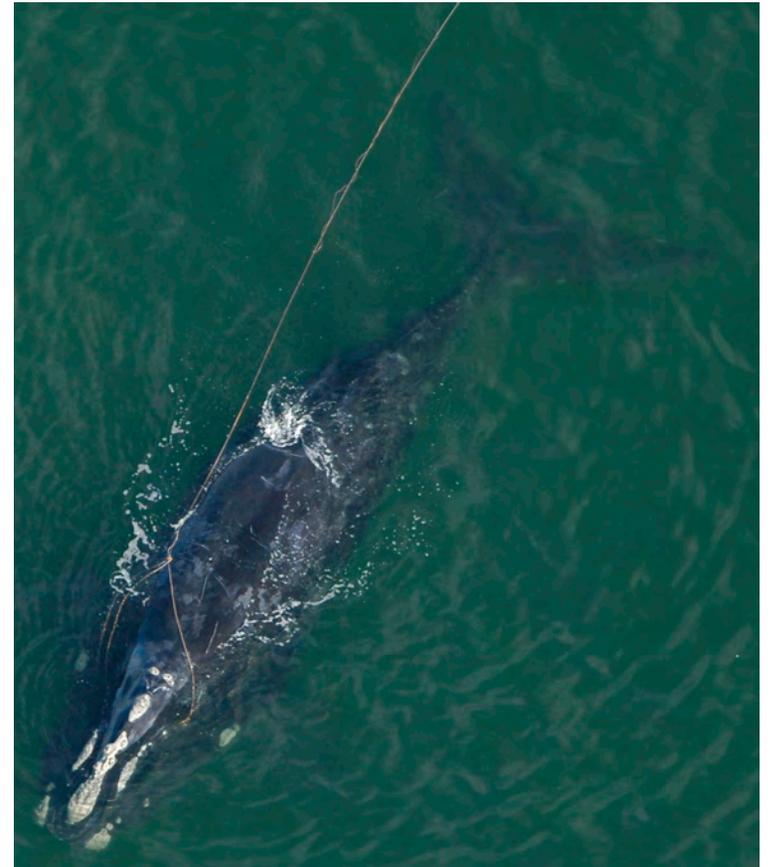
27 Sep 2006 NEA



28 Sep 2006 NEA



28 Sep 2006 NEA



15 Jan 2007 NEA

DATA SHEET

FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO.

J092706

NMFS NO.

E32-06

Gear Description:

Appears to have been used as longline, branch lines confirm this. See second photo.

The two floating lines were spliced together.

No specimen taken of the blue-green line.

Rope description:

$\frac{5}{16}$ inch 3-Strand PP for both, one red, one green. There are 11 rope yarns per strand. Line is very hard and shows considerable surface wear; all crowns are rubbed away.

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
1,292 lbs (T)	1,700 lbs	Good

