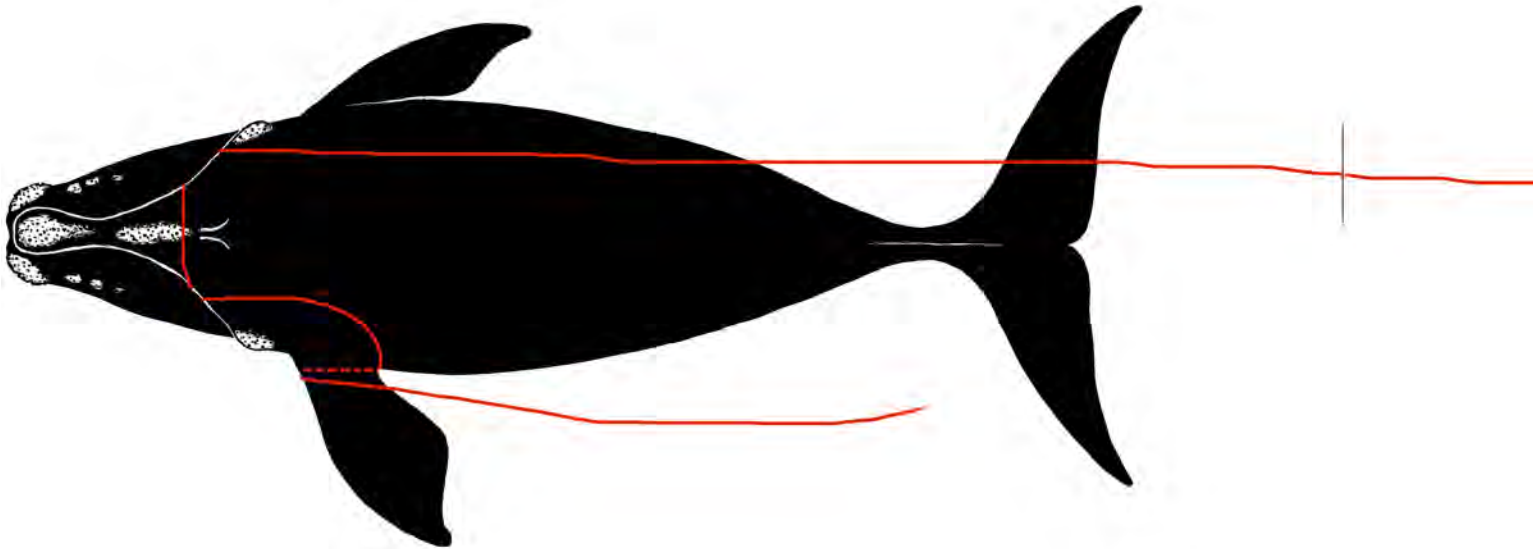


<b>Species</b>	<b>Right Whale</b>	<b>Whale ID</b>	<b>Eg #3714</b>
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Date first observed entangled (date seen prior without gear)		07 Feb 2009 (05 Jan 2009)	
Sex	Male	Birth year	2007
		Age at entanglement	2

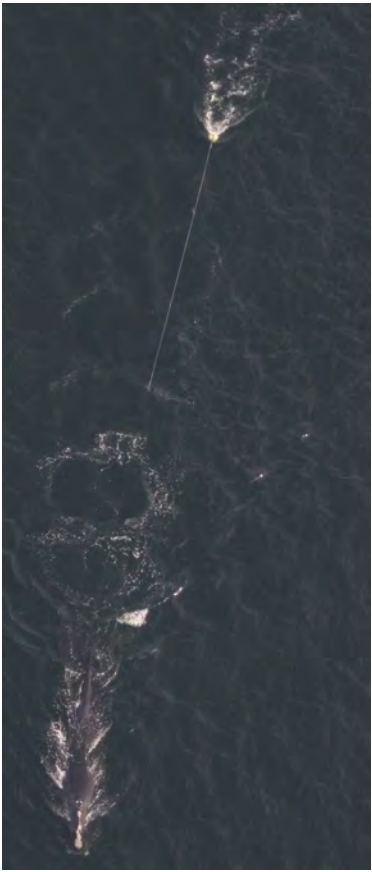
Case study ID	PCCS	NMFS	GEAR ID
	WR-2009-03	E03-09	J020709-1
Gear sample collected?	Yes	Gear type	



Reproductive prior to/after entanglement detection?					
Entanglement injury severity			Minor		
Entanglement configuration risk			High		
Wound severity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
	Low	Low	Low	None	None
Duration of time carrying gear		Minimum 5 days, maximum 62 days			
Disentangled?		Yes, 12 Feb 2009			
Status		Alive - Last sighted in 2014			
Number of prior entanglement interactions		1			

Entanglement configuration	Thin line over rostrum and into mouth; on the right, this line exited low through the mouthline trailing aft of the flukes by ~30feet; on the left, line exited the mouth line and lead to a wrap(s) of the left flipper and trailed to tailstock.
Anchoring point(s)	Mouthline, flipper
Gear configuration confidence	High
Remaining questions	Due to the dark color of the line the nature of the flipper wrap(s) could not be determined.
Comments	The thin, dark nature of the line made detection and assessment difficult.

Polymer type	PP	
Gear component		
Rope diameter (inches)	7/16 (0.437)	
Breaking strength (lbs)	Tested	2 560
	New	3 150



09 Feb 2009 WT/GA



09 Feb 2009 GDNR



09 Feb 2009 GDNR



09 Feb 2009 GDNR



09 Feb 2009 GDNR

## DATA SHEET

### FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

**SPECIMEN ID NO.**

**J020709rw**

**NMFS NO.**

**E03-09**

**Gear Description:**

The recovered gear consisted of one long and one short section of line as seen below. The application could not be determined.



**Rope description:**

J020709-1 The line was  $\frac{7}{16}$  inch black polypropylene with one white yarn in one strand. The line was reported to be  $\frac{3}{8}$  inch but is closer to  $\frac{7}{16}$  inch. There are 9 yarns/strand with a single white yarn in one strand. This is a soft rope. The condition showed moderate wear. The frayed end may indicate a tensile break. See photo below.

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
2,560 lbs (T)	3,150 lbs	Good



Frayed end may indicate tensile break