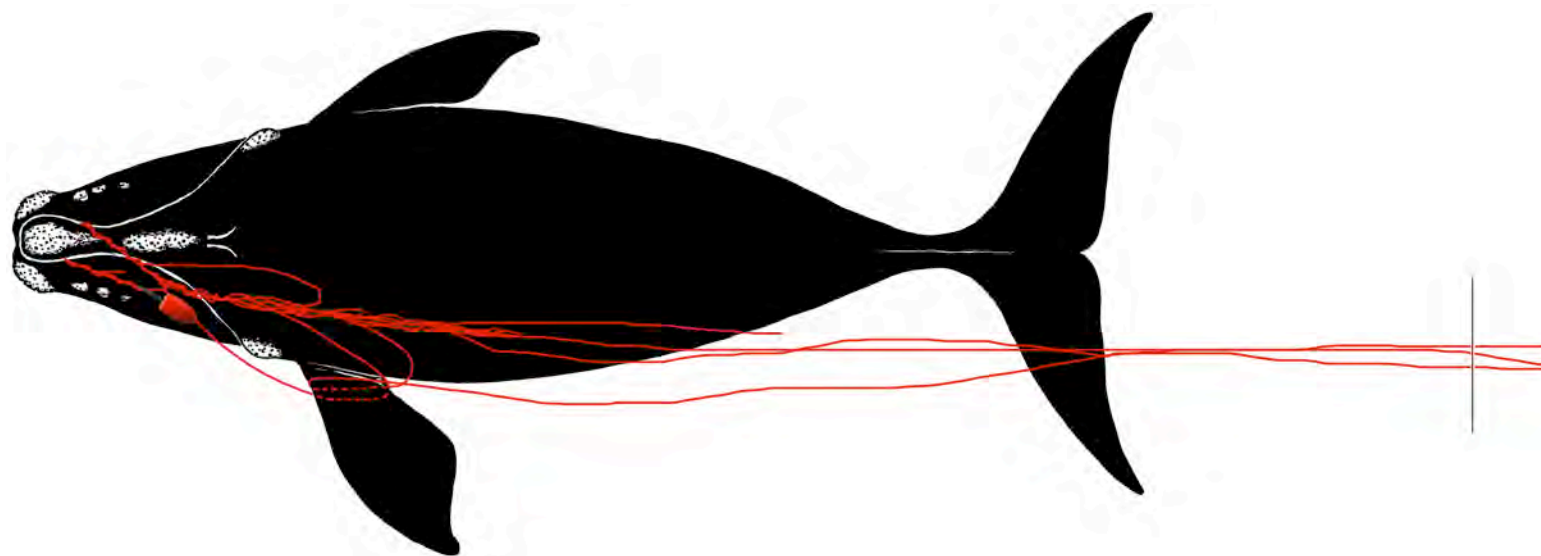


Species	Right Whale	Whale ID	Eg #3311
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Date first observed entangled (date seen prior without gear)		14 Jan 2009 (21 Apr 2008)	
Sex	Male	Birth year	2003
		Age at entanglement	6

Case study ID	PCCS	NMFS	GEAR ID
	WR-2009-01	E01-09	J011409
Gear sample collected?	Yes	Gear type	Trap/pot gear



Reproductive prior to/after entanglement detection?					
Entanglement injury severity		Severe			
Entanglement configuration risk		High			
Wound severity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
	High	High	Medium	None	Medium
Duration of time carrying gear		Minimum 51 days, maximum 318			
Disentangled?		Yes - Partial 06 Mar 2009			
Status		Presumed dead, last sighted in 2009 in poor condition			
Number of prior entanglement interactions		2			

Entanglement configuration	Loop of twisted lines caught around upper jaw and leading to heavy tangle of lines and bullet buoy along left flank; some of the tangle also wrapped the left flipper; lines trailing to ~300feet aft of the flukes.	
Anchoring point(s)	Mouthline, flipper	
Gear configuration confidence	Reasonable	
Remaining questions	Unclear if any line wrapped under the body and unclear if any other lines entered the mouth.	
Comments	Large tangle of line made exact assessment difficult.	

Polymer type	Polysteel	Polysteel
Gear component	Groundline	
Rope diameter (inches)	9/16 (0.562)	9/16 (0.562)
Breaking strength (lbs)	Tested	6 280
	New	7 000
		6 810
		7 000



18 Jan 2009 FWRI



06 Mar 2009 FWRI



06 Mar 2009 FWRI



23 Jan 2009 FWRI



06 Mar 2009 FWRI

DATA SHEET

FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO.

NMFS NO.

J011409rw

E01-09

Gear Description:

The attached "Fishery Interaction Gear Analysis and sketch provide the best description of the gear.

Two specimens were taken from different parts of the gear.

This appeared to be fixed trap gear.



Gear laid out showing scale of the lines.



Gear as stored

Rope description:

J011409-1 Polysteel, $\frac{9}{16}$ pale green float line. Apparently a ground line as gangion attached. Very good condition. There are 6 yarns per strand with a center yarn.

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
6,280 lbs (T)	7,000 lbs	Very good

J011409-2 Polysteel, $\frac{9}{16}$ pale green float line. Uncertain as to use in the gear. Very good condition. There are 6 yarns per strand with a center yarn.

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
6,810 lbs (T)	7,000	Very good



J011409-1 and J011409-2 are identical

J011409-3 Polysteel, $7/16$ orange float line. Used as gangion to a trap.



Connection of gangion. No specimen taken for gangion as it was so short.