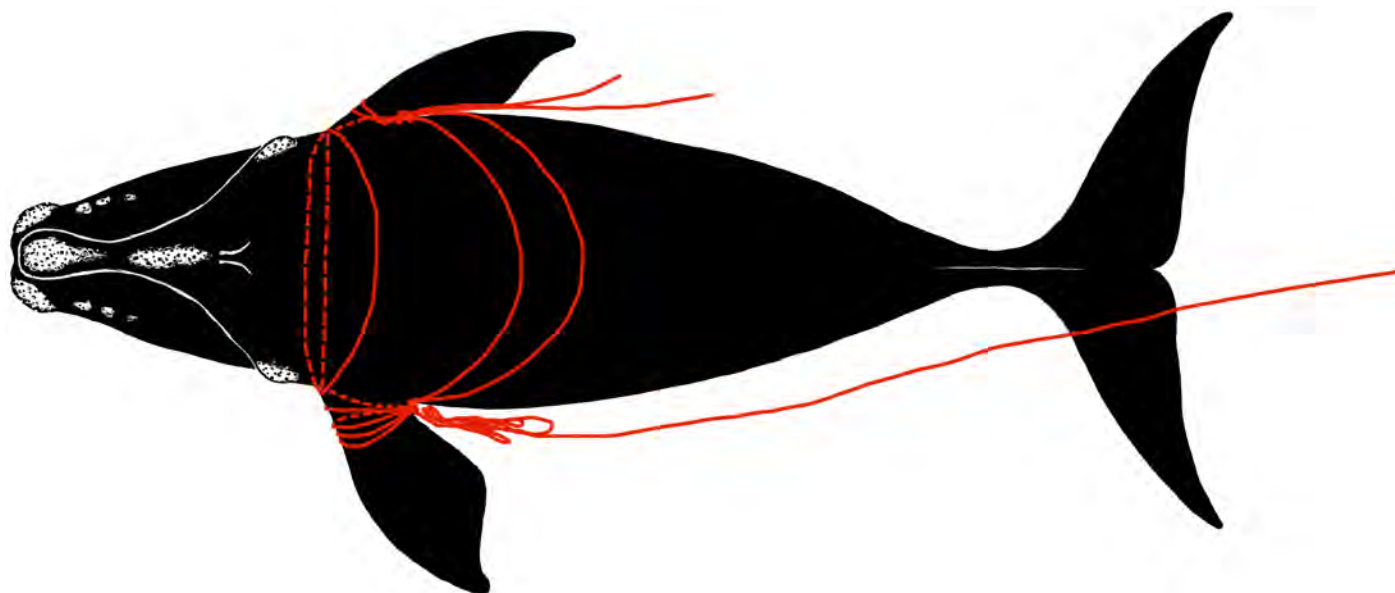


Species	Right Whale	Whale ID	Eg #2030
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Date first observed entangled (date seen prior without gear)		10 May 1999 (11 Sep 1997)			
Sex	Female	Birth year	Unknown	Age at entanglement	9+

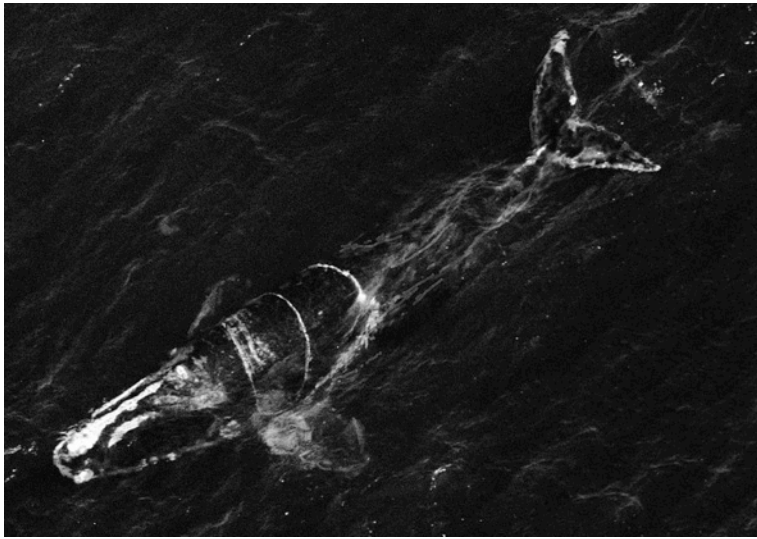
Case study ID	PCCS	NMFS	GEAR ID
		E4-99	J051099 a-b
Gear sample collected?	Yes	Gear type	Sink gillnet



Reproductive prior to/after entanglement detection?		No/No			
Entanglement injury severity		Severe			
Entanglement configuration risk		High			
Wound severity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
	None	None	High	High	Medium
Duration of time carrying gear		Minimum 163 days, maximum 768 days			
Disentangled?		No			
Status		Dead - 20 Oct 1999			
Number of prior entanglement interactions		4			

Entanglement configuration	Whale free-swimming; chest and back wraps stretched between flippers, each with multiple wraps; very little trailing line.
Anchoring point(s)	Flippers, body
Gear configuration confidence	High
Remaining questions	None
Comments	Multiple disentanglement attempts were unsuccessful; tail harness was tried but failed.

Polymer type		PP	PP/PET
Gear component		Gillnet anchor system	Gillnet anchor system
Rope diameter (inches)		1/2 (0.469)	9/16 (0.571)
Breaking strength (lbs)	Tested	2 757	5 440
	New	3 780	6 800



10 May 1994 NMFS



4 Sep 1999 NEA



4 Sep 1999 NEA



21 Oct 1999 NEA



21 Oct 1999 NEA

DATA SHEET

FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO.

J051099

NMFS NO.

E4-99

Gear Description:

Note on gear indicated use with gill net operation. As seen in photo, the separate segment on the left has been unlaidd and one end indicates a tensile break.

The gear consisted of a large length of the 3-strand polypropylene rope described below and a segment of $\frac{5}{8}$ inch combo rope too short to analyze.



Gear set possibly associated with gill netting.

Rope description:

J051099-b: Short segment of $\frac{5}{8}$ inch combo rope

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
5,440 lbs (A)	6,800 lbs	Good

Rope description:

J051099-a: 1/2 inch 3-Strand, yellow PP monofilament with one blue rope yarn in one strand.

There are 7 rope yarns per strand including marker. Little wear, some broken filaments along length. Some of the line was in better condition as seen in the lower photo.

Tested (T) or adjusted (A) strength	Typical new strength	Rope condition
2,757 lbs (T)	3,780 lbs	Fair

