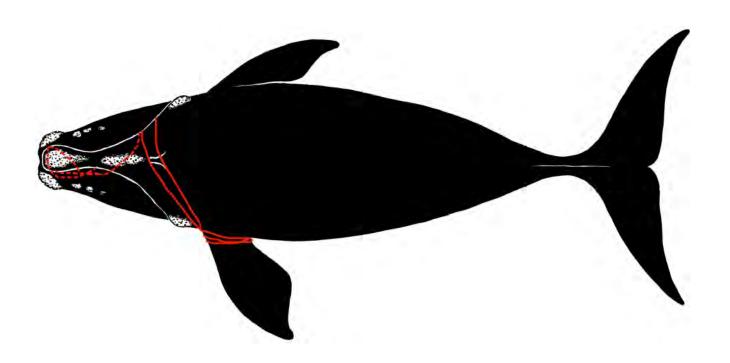
	Date first observed entangled		06 Sep 2004	
(date seen prior without gear)		(18 Sep 2003)		
	Sex Female	Birth year	1993	Age at entanglement 11

Whale ID Eg #2301

**Species Right Whale** 

Coop study ID	PCCS	NMFS	GEAR ID
Case study ID	WR-2001-21	E20-04	J090604 a-c
Gear sample collected?	Yes	Gear type Unknow	vn



Reproductive prior to/af	Yes/No				
Entanglement injury severity			Severe		
Entanglement configuration risk			High		
Wound coverity	Mouth	Head/ Rostrum	Flippers	Body	Flukes
Wound severity	None	High	High	Medium	Medium
Duration of time carrying gear		Minimum 178 days, maximum 531 days			
I	No				
	Dead 03 Mar 2005				
Number of prior entanglement interactions		3			

Entanglement configuration	Line wrapping over head from right mouthline to left flipper wraps; line essentially cleated from baleen on right to flipper on left.
Anchoring point(s)	Mouthline, flipper
Gear configuration confidence	Moderate
Remaining questions	The extent of wrapping at left flipper unknown; bitter ends cannot be accounted for and unclear if any line was trailing.
Comments	Extensive weaving of line through baleen was documented at necropsy.

Polymer type		PP	PP/PET	PP/PET
Gear component				
Rope diameter (inches)		3/8 (0.394)	1/2 (0.472)	7/16 (0.425)
Breaking	Tested	486	900	700
strength (lbs)	New	2 430	4 500	3 500



06 Sep 2004 NEA



06 Sep 2004 NEA



04 Mar 2005 WHOI



04 Mar 2005 WHOI



04 Mar 2005 WHOI



04 Mar 2005 WHOI

## **DATA SHEET**

## FORENSIC ANALYSIS OF ROPES WHALE ENTANGLEMENT PROJECT

SPECIMEN ID NO. NMFS NO.

J051099 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 unlaid 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  $^{5}/_{8}$  inch combo rope too short to analyze.



Gear set possibly associated with gill netting.

## Rope description:

J051099-b: Short segment of 5/8 inch combo rope

Tested (T) or adjusted (A)	Typical new strength	Rope condition
strength		
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



