Species	Right Whale	Whale ID	3180
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	Date first observed entangled 24 Feb 2020				Case study ID	CCS	NMF	S	GEAR ID	
(date	(date seen prior without gear) (11 Apr 2019)		· · · ·	WR-2020-01	E04-20					
Sex	Female	Birth year	2001	Age at entanglement	19	Gear sample collected?	No	Gear type	Unknowr	1

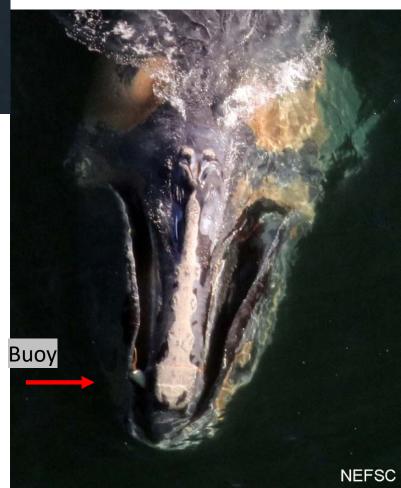
Reproduct	Reproductive prior to/after entanglement detection Entanglement injury severity								
	Severe								
	Entangle	ment config	uration risk	High					
Mound coverity	Mouth	Head/ rostrum	Flippers	Body	Flukes				
Wound severity	Low	High	Unknown	Unknown	Low				
Duration of	time carrying gear	Minimum 1 day, maximum 318 +days							
	Disentangled?	No							
	Status			Likely dead, no additional sightings					
Number of pri	or entanglements	3							

Entanglement configuration	Single tight wrap over rostrum, white bullet buoy lodged in mouth, no trailing gear evident
Anchoring points	Mouth
Gear configuration confidence	Low
Remaining questions	
Comments	Mouth wedged open, whale in very poor condition

Polyn	ner type	
Gear component		Buoy and portion of endline
Rope diameter (inches)		
Breaking strength (lbs)	Tested	
	New	



## 24 Feb 2020 NEFSC



Species	Right Whale	Whale ID	4680
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	Date first observed entangled 11 Oct 2020				[	Case study ID	CCS	NMF	S	GEAR ID	
(date :	(date seen prior without gear) (7 Jul 2020)				í í	WR-2020-17	E21-20	-20			
Sex	Male	Birth year	2016	Age at entanglement	4		Gear sample collected?	No	Gear type	Unknown	

Reproduct	tive prior to/after e	ntanglemen	t detection				
	Severe						
	Entangle	ment config	uration risk	High			
Mound coverity	Mouth	Head/ rostrum	Flippers	Body	Flukes		
Wound severity	Unknown	High	Unknown	High	High		
Duration of	time carrying gear	Minimum 1 day, maximum 95+ days					
	Disentangled?	No					
	Status			Likely dead - no subsequent sighings			
Number of pri-	or entanglements	1					

Entanglement configuration	Two tight wraps of rope around rostrum
Anchoring points	Mouth
Gear configuration confidence	Low
Remaining questions	Not sure if flippers involved or if trailing gear present
Comments	Gaping wound in left shoulder, whale in poor condition

Polyn	ner type	
Gear component		Unknown
Rope diameter (inches)		
Breaking strength (lbs)	Tested	
	New	

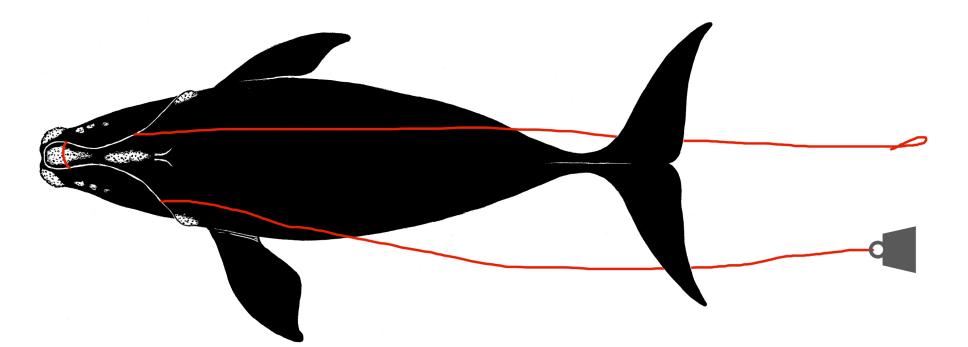


11 Oct 2020



Species	Right Whale	Whale ID	3920
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	Date first observed entangled 19 Oct 2020				Case study ID	CCS	NMFS		GEAR ID	
(date s	(date seen prior without gear) (16 Mar 2020)		· · · · ·	WR-2020-18	E22-20					
Sex	Male	Birth year	2009	Age at entanglement	11	Gear sample collected?	Yes	Gear type	Canadian	snow crab



Reproduct	t detection				
	Entan	glement inju	ury severity	Severe	
	Entangle	ment config	uration risk	High	
Mouth		Head/ rostrum	Flippers	Body	Flukes
Wound severity	Low	High	Unknown	None	High
Duration of	time carrying gear	Minimum 122 days, maximum 338 days			
	Disentangled?				
Status		Dead, 27 Feb 2021			
Number of pri	or entanglements	2			

Entanglement configuration	Embedded rope in upper jaw, trailing 4-5 body lengths
Anchoring points	Mouth
Gear configuration confidence	High
Remaining questions	Unknown if rope had weight attached
Comments	Found dead off South Carolina

Polyn	ner type	Poly float and poly leaded (assumed copolymer)
Gear con	nponent	Endline
Rope diameter (inches)		5/8
Breaking strength (lbs) Tested		
	New	9 000

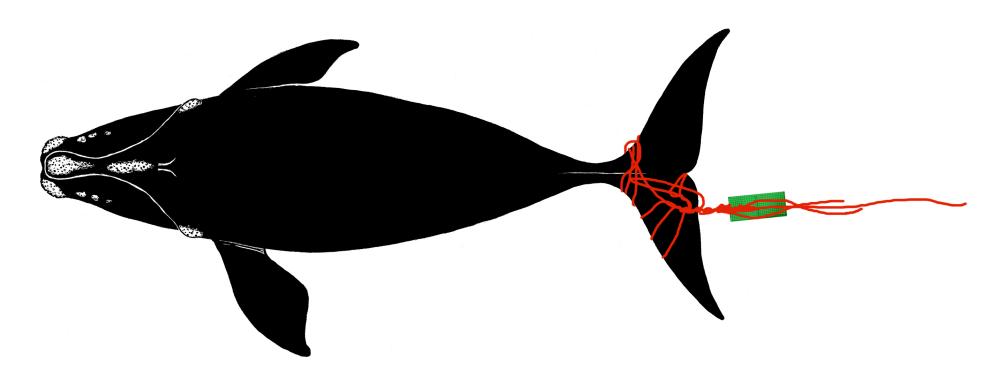


## 19 Oct 2022 CCS



Species	Right Whale	Whale ID	1803	
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		ved entangled	11 Jan 2021			Case study ID	CCS	NMFS		GEAR ID
(date :	seen prio	r without gear)	(7 Apr 2019)			WR-2021-02	E02-21			
Sex	Male	Birth year	1988	Age at entanglement	33	Gear sample collected?	No	Gear type	Trap/pot	, unknown



Reproduct	tive prior to/after e	t detection				
	Entan	nglement injury severity		Severe		
	Entangle	ment configu	uration risk	High		
Mouth		Head/ rostrum	Flippers	Body	Flukes	
Wound severity	Low	None	Low	None	High	
Duration of	time carrying gear	Minimum 1+ day, maximum 644 days				
	Disentangled?			No		
Status		Likely dead, no additional sightings				
Number of pri	or entanglements	3				

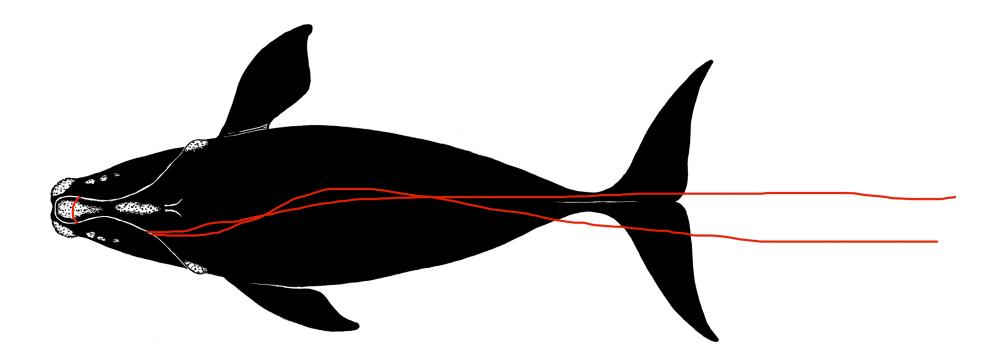
Entanglement configuration	Tight wraps around peduncle and left fluke blade, single trap aft of flukes, and line trailing ~60 ft
Anchoring points	Tail
Gear configuration confidence	High
Remaining questions	
Comments	Whale in poor condition

Polyn	ner type	
Gear component		Line and trap
Rope diameter (inches)		
Breaking strength (lbs) Tested		
	New	



Species	Right Whale	Whale ID	3560	
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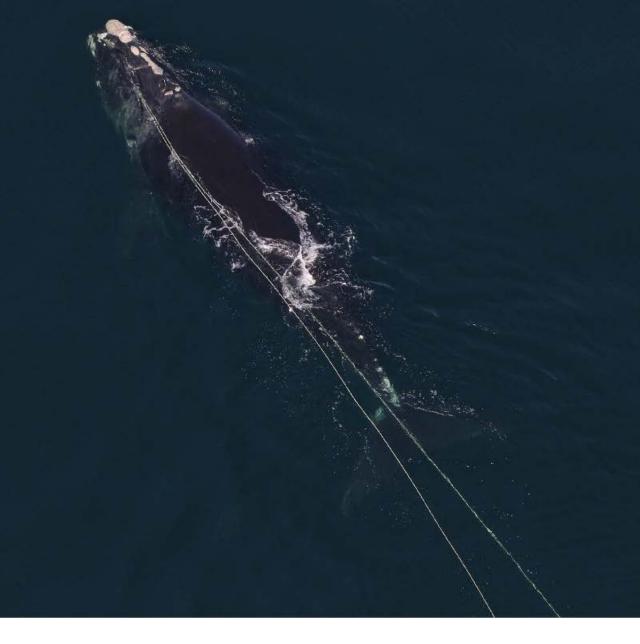
	Date first observed entangled		10 Mar 2021						1	Case study ID	CCS	NMF	S	GEAR ID
(date	seen prio	r without gear)	(24 Jul 20	)20)		1		WR-2021-04	E04-21					
Sex	Female	Birth year	2005	Age at entanglement	16		Gear sample collected?	Yes	Gear type	Unknown				



Reproduct	tive prior to/after e	ntanglemen	t detection	Yes/ No	
	Entan	glement inju	ury severity	Severe	
	Entangle	ment config	uration risk	High	
Mouth		Head/ rostrum	Flippers	Body	Flukes
Wound severity	Low	High	Unknown	Unknown	Low
Duration of	time carrying gear	Minimum 560 days, maximum 787 days			
	Yes, partial in Mar and May 2021				
	Likely dead, new entanglement on 21 Sep 2022				
Number of pri-	or entanglements	4			

Entanglement configuration	Single tight wrap embedded in forward rostrum, two lines trailing, one at least 300 feet
Anchoring points	Mouth
Gear configuration confidence	High
Remaining questions	Seen with calf in Dec 2021; calf disappeared by Jul 2022
Comments	3560 in very poor condition in Sep 2022

Polyn	ner type	Copolymer
Gear component		Likely endline
Rope diameter (inches)		5/8
Breaking strength (lbs) Tested		
	New	9 000



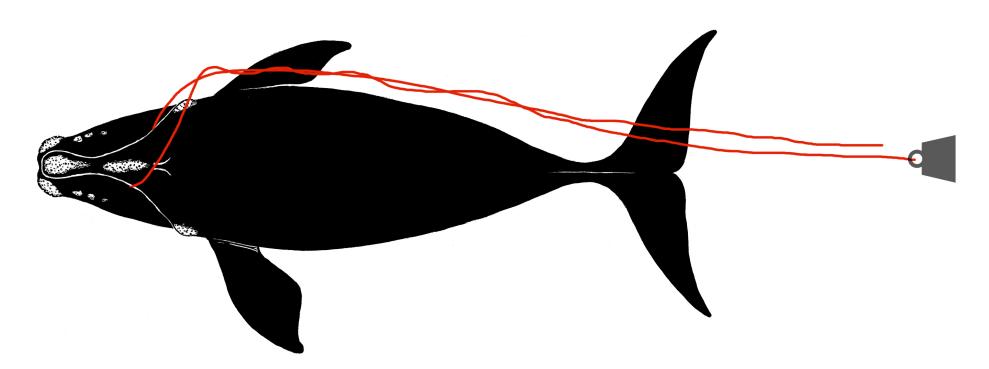
5 Aug 2021 NEA/CWL

10 Mar 2021 CCS



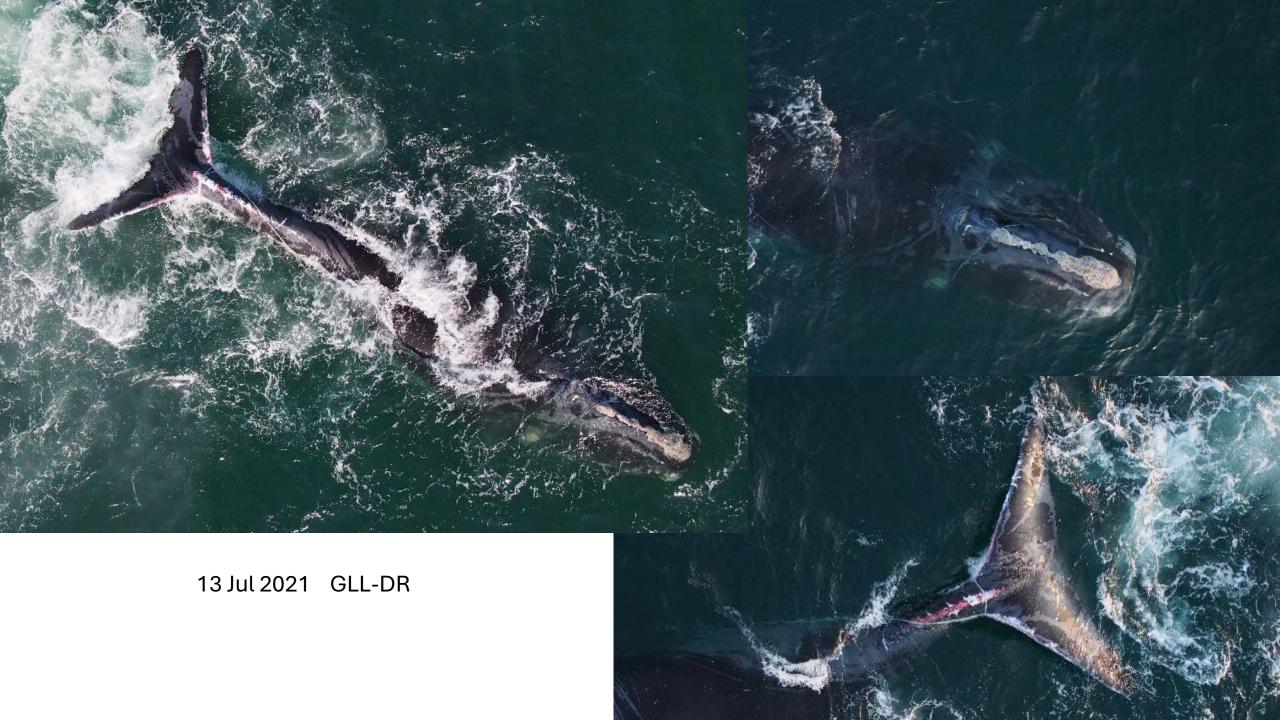
Species	Right Whale	Whale ID	4615
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	Date first observed entangled 13 Jul 2021			[	Case study ID	CCS	NMFS		GEAR ID		
(date :	date seen prior without gear) (13 Jul 2021)				WR-2021-13	E13-21					
Sex	Male	Birth year	2016	Age at entanglement	5		Gear sample collected?	No	Gear type	Canadiar	n, unknown



Reproduct	tive prior to/after e	ntanglemen	t detection			
	Entan	glement inju	ury severity	Severe		
	Entangle	ment config	uration risk	High		
	Mouth	Head/ rostrum	Flippers	Body	Flukes	
would seventy	Low	High	Unknown	Low	High	
Duration of	time carrying gear	Minimum 2 days, maximum unknown				
	Disentangled?	No				
	Likely dead, no additional sightings					
Number of pri	or entanglements	4				
	time carrying gear Disentangled? Status	Minimum No Likely dead	2 days, maxi	mum unknov	5	

Entanglement config	guration	Single tight wrap over aft rostrum with rope trailing. Initially wraps at peduncle but gone by day 2
Anchorin	g points	Mouth, tail (initially)
Gear configuration cor	nfidence	High
Remaining q	uestions	Likely weighted gear attached
Со	mments	Same day entanglement; active thrashing, rolling,
		head raises, blood at tail stock; still thrashing next day
Polyn	ner type	
Gear con	nponent	Large diameter rope
Rope diameter	(inches)	
Breaking strength (lbs)	Tested	
	New	



Species	Right Whale	Whale ID	3823	
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Date first observed entangled date seen prior without gear)	19 May 2022 (11 Mar 2022)		Case study ID	CCS WR-2022-02	NM E02-22	FS	G
Sex Female Birth year	2008 Age at entanglement	14	Gear sample collected?		Gear type	Unknowr	ו

Reproduct	tive prior to/after e	ntanglemen	t detection	No/No		
	Entan	ıglement inju	ury severity	Severe		
	Entangle	ment config	uration risk	High		
Mound soussity	Mouth	Head/ rostrum	Flippers	Body	Flukes	
Wound severity	Low	High	Unknown	Low	High	
Duration of	time carrying gear	Minimum 1 day, maximum 68 days				
	Disentangled?	No				
	Likely dead, no additional sightings					
Number of prie	or entanglements	5				

Entanglement configuration	Line thru mouth to poss bridle under chin; trailing gear ~6 body lengths with bullet buoy and poly ball; other end may be weighted
Anchoring points	Mouth
Gear configuration confidence	High
Remaining questions	
Comments	Rope burn on body indicating likely recent

Polyn	ner type	
Gear component		Buoy and portion of endline
Rope diameter (inches)		
Breaking strength (lbs)	Tested	
	New	



Species	Right Whale	Whale ID	1403	
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		rst observed entangled 25 Jun 2022		Case study ID	CCS	NMF	S	GEAR ID		
(date :	date seen prior without gear) (07 Mar 2022)			WR-2022-10	E09-22					
Sex	Male	Birth year	1984	Age at entanglement	38	Gear sample collected?	No	Gear type	Unknown	

Reproduct	t detection				
	Entan	ıglement inju	ury severity	Severe	
	Entangle	ment config	uration risk	High	
Mound soussity	Head/ rostrum	Flippers	Body	Flukes	
Wound severity	Unknown	None	Unknown	Low	High
Duration of	time carrying gear	Minimum 12 days, maximum 121 days			
	No				
	Likely dead, no additional sightings				
Number of prie	or entanglements	4			

	Single line across aft part of body; angled forward, attached to flippers or mouth; trailing gear of unk length noted
Anchoring points	Mouth or flippers
Gear configuration confidence	Low
Remaining questions	
Comments	Old notable entanglement scar across rostrum

Polyn	ner type	
Gear con	nponent	
Rope diameter	(inches)	
Breaking strength (lbs) Tested		
	New	





7 Jul 2022 NEA/CWI

30 Jun 2022 DFO

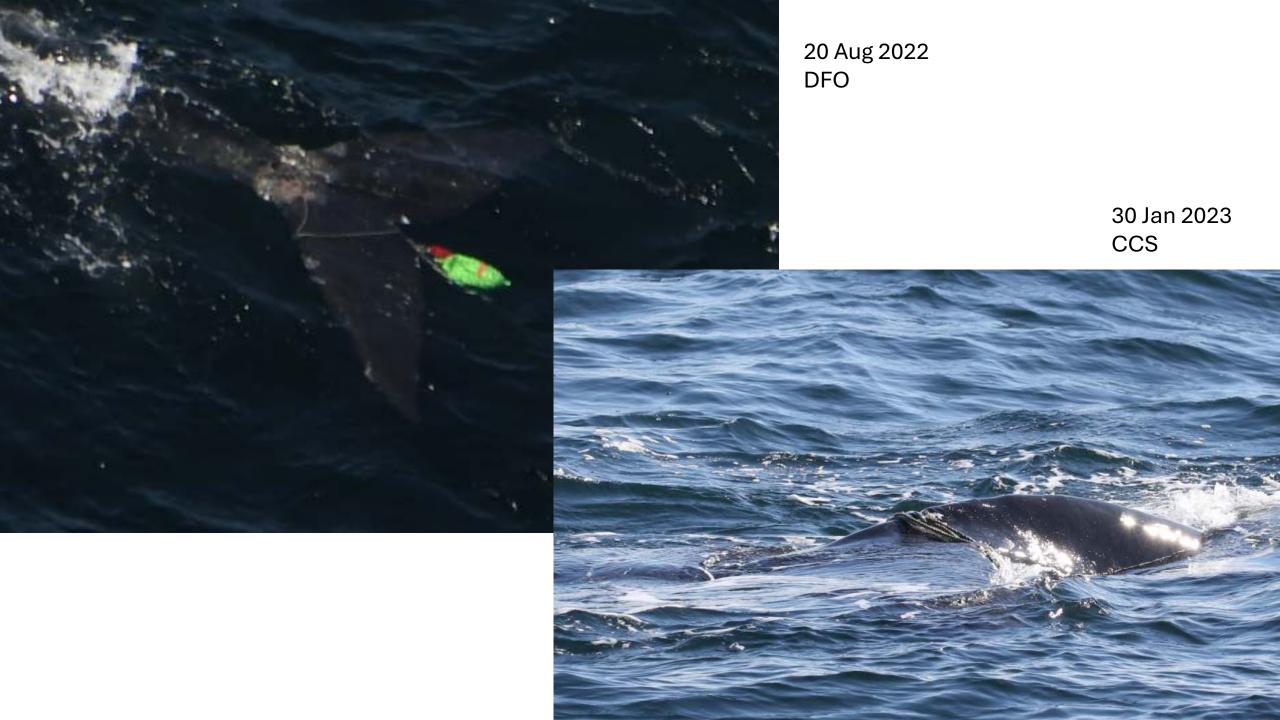
Species	Right Whale	Whale ID	5120	
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Date first obser (date seen prior		20 Aug 20 (01 May 2			Case study ID	CCS WR-2022-17	NMI E16-22	FS	GEAR ID
Sex Female	Birth year	2021	Age at entanglement	1	Gear sample collected?	Yes	Gear type	US lobste	er (Maine)

Reproduct	t detection	No/No			
	Entan	ıglement inju	ury severity	Severe	
	Entangle	ment configu	uration risk	High	
	Head/ rostrum	Flippers	Body	Flukes	
Wound severity	Unknown	None	None	None	High
Duration of	time carrying gear	Minimum 526 days, maximum 636 days			
	No				
	Dead, 28 Jan 2024				
Number of prie	or entanglements	0			

Entanglement configuration	Four wraps of rope around peduncle, two small buoys near flukes, ~200 feet of trailing line
Anchoring points	Tail
Gear configuration confidence	High
Remaining questions	
Comments	Ropes deeply embedded in peduncle at death

Polymer type		Unknown, likely copolymer
Gear component		Buoys and portion of endline
Rope diameter (inches)		3/8; 1/2
Breaking strength (lbs)	Tested	
	New	3 280; 5 100



Species	Right Whale	Whale ID	4501	
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		t observed entangled 24 Aug 2022 en prior without gear) (24 Aug 2022)						Case study ID	CCS	NMF	S	GEAR ID
(date :	seen prio							WR-2022-18	E17-22			
Sex	Male	Birth year	2015	Age at entanglement	7		Gear sample collected?	No	Gear type	Unknowr	1	

Reproduct					
	Entan	ıglement inju	ury severity	Minor	
	Entangle	ment config	uration risk	Low	
Mouth		Head/ rostrum	Flippers	Body	Flukes
Wound severity	Unknown	Unknown	Unknown	Low	Medium
Duration of	time carrying gear	Minimum 1 day, maximum 1 day			
	No				
	Alive				
Number of pri-	or entanglements	2			

Entanglement configuration	One rope across mid body and another at peduncle
Anchoring points	Unknown
Gear configuration confidence	Low
Remaining questions	
Comments	Gear apparently shed on same day; whale agitated

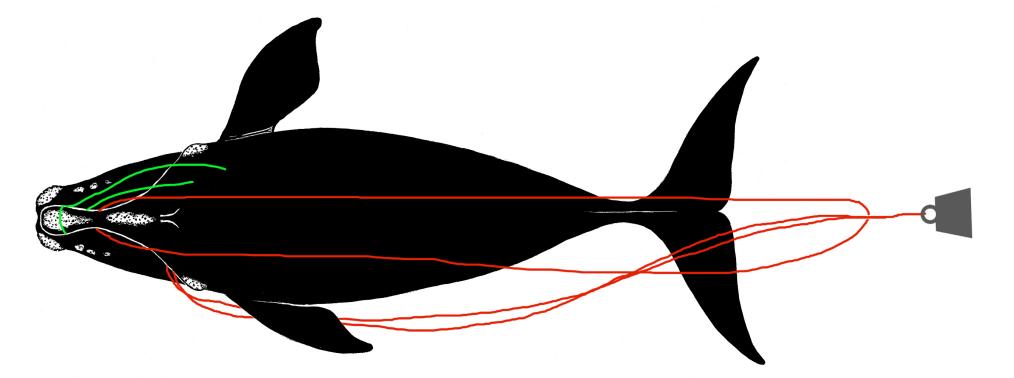
Polyn	ner type	
Gear component		
Rope diameter (inches)		
Breaking strength (lbs) Tested		
	New	



24 Aug 2022 DFO

Species	Right Whale	Whale ID	3560	
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Date first observed entangled 21 Sep 2022   (22 + 1 2022)			Case study ID	CCS	NMFS		GEAR ID			
(date seen prior without gear) (23 Jul 2022)			WR-2021-04	E22-22						
Sex	Female	Birth year	2005	Age at entanglement	17	Gear sample collected?	No	Gear type	Unknown	



Reproduct	ive prior to/after e	ntanglemen	t detection	Yes/no	
	Entan	glement inju	ury severity	Severe	
	Entangle	ment config	uration risk	High	
Mound soussity	Mouth	Head/ rostrum	Flippers	Body	Flukes
Wound severity	Unknown	Low	Unknown	Unknown	High
Duration of	Minimum 1 day, maximum 59 days				
Disentangled?		No			
	Likely dead, no additional sightings				
Number of prie	5				

Entanglement configuration	Multiple lines exiting mouth, likely involving left flipper; gear trailing and appears weighted	
Anchoring points	Mouth, flipper	
Gear configuration confidence	Low	
Remaining questions		
Comments	Previous entanglement still present (green); whale in poor condition	

Polyn	ner type	
Gear component		
Rope diameter (inches)		
Breaking strength (lbs)	Tested	
	New	

