

## Annex H

### Fishery Bycatch and Vessel Strikes of Large and Small Whales Entered into the Progress Report Database in 2021

(F = female, M = male, US = unknown sex, D = dead, SI = seriously injured, I = injured, FU = Fate Unknown)

#### (i) Fishery Bycatch of Large Whales

ID	Data Year	Year Submitted	Large Area	Species	Local Area	F:	D:	F: SI	F: I	F: FU	M:	D:	M: SI	M: I	M: FU	US:	D:	US: SI	US: I	US: FU	Individual data are available from the contact below	Targeted fishery species	Fishing gear	How observed	Contacts	Explanation	
<b>Argentina</b>																											
PR/R/24242	2021	2021	Atlantic Ocean - South	Humpback whale	Beagle Chanel, Tierra del Fuego, Argentina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	Yes	King crab fishery	[FIX]	Scientist, observer or inspector, public	PR/C/1508   A. San Martin (analiasmn@gmail.com)	The whale was entangled in the rope between crab traps
PR/R/24326	2021	2021	Atlantic Ocean - South	Humpback whale	Beagle Channel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	Yes	King crab fishery	[FIX]	Scientist, public	PR/C/1508   A. San Martin (analiasmn@gmail.com)	The whale was entangled in the rope between crab traps

ID	Data Year	Large Area	Species	Local Area	Local taxonomy	Local area (Long/Lat)	F:	D:	F: SI	F: I	F: FU	M:	D:	M: SI	M: I	M: FU	US:	D:	US: SI	US: I	US: FU	Individual data are available from the contact below	Targeted fishery species	Fishing gear	Other fishing gear	How observed	
<b>Australia</b>																											
PR/R/20039	2020	Pacific Ocean - South	Humpback whale	North Stradbroke Island	-	-27.54407, 153.54999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	Yes	-	[FPO]	-	Scientist, fisherman
PR/R/20042	2020	Pacific Ocean - South	Humpback whale	-	-	Moreton Bay to the Gold Coast	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5	Yes	White, tiger, bull sharks	[NSC]	Drumline	Fisherman, public
PR/R/20231	2020	Southern Ocean	Humpback whale	Portland	<i>Megaptera novaeangliae</i>	-38.410608, 141.671485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Fisherman	
PR/R/20234	2020	Southern Ocean	Humpback whale	Killarney	<i>Megaptera novaeangliae</i>	-38.367333, 142.3305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Fisherman	
PR/R/20345	2020	Southern Ocean	Humpback whale	Schouten Island	-	148.2478/-42.2606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Public	
PR/R/20348	2020	Southern Ocean	Humpback whale	The Friars	-	148.2711/-43.6433	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Fisherman	
PR/R/23648	2020	Pacific Ocean - South	Humpback whale	McMasters Beach	-	-33.54025, 151.38474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Unknown	[NK]	Unknown netting	Public	
PR/R/23651	2020	Pacific Ocean - South	Humpback whale	Trag Rock, 4 n.miles east of Point Plomer	-	-31.31845, 153.00385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Fish and/or lobster	[FIX]	Poss. NSW fish trap gear based on experienced observer	Public	
PR/R/23654	2020	Pacific Ocean - South	Humpback whale	Tamarama, Sydney (Bronte Beach)	-	-33.90234, 151.27899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Shark	[NSC]	No markings on recovered floats (but good photo of the gear)	Public	
PR/R/23657	2020	Pacific Ocean - South	Humpback whale	Forster	-	-32.16631, 152.57813	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Fish and/or lobster	[FIX]	-	Public	
PR/R/23660	2020	Pacific Ocean - South	Humpback whale	Blue Fish Hd, Manly	-	-33.83392, 151.39160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	Dark (black and burgundy) rope and small float	Public	
PR/R/23663	2020	Pacific Ocean - South	Humpback whale	Cape Solander/ Kurnell	-	-34.01852, 151.22955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	-	Public	
PR/R/23666	2020	Pacific Ocean - South	Humpback whale	Copacabanna Beach, Bateau Bay	-	-33.35806, 151.46851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FPO]	Float number 339F; on 2 floats	Public	
PR/R/23669	2020	Pacific Ocean - South	Humpback whale	Crackneck Lookout	-	-33.39476, 151.51794	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	New Zealand lobster trap fishery	[FPO]	-	Public	

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<b>Australia</b>																							
PR/R/23672	2020	Pacific Ocean - South	Humpback whale	Between Cape 3 Points and Avalon		-33.55055, 151.44104	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	-	Public
PR/R/23675	2020	Pacific Ocean - South	Humpback whale	Catherine Hill Bay		-33.18354, 151.73218	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	-	Public
PR/R/23678	2020	Pacific Ocean - South	Humpback whale	Stanwell Tops		-34.22543, 151.09497	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	-	Public
PR/R/23681	2020	Pacific Ocean - South	Humpback whale	Jibbon Head, Port Hacking		-34.05266, 151.24878	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	8-12mm ropes (reported as yellow in colour)	Public
PR/R/23684	2020	Pacific Ocean - South	Humpback whale	Crowdy Head		-31.79822, 152.83081	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	Ropes trailing a string of 3 white 300mm styrene floats	Public
PR/R/23687	2021	Pacific Ocean - South	Humpback whale	Bird Rock, Port Macquarie		-31.45913, 152.95990	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	8-12mm green and faded or white ropes, no floats observed	Public
PR/R/23690	2020	Pacific Ocean - South	Humpback whale	Bowen Island, Jervis Bay		-35.14237, 150.79559	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	8-12mm green ropes, no floats observed	Public
PR/R/23693	2020	Pacific Ocean - South	Southern right whale	Tuross Head		-36.06020, 150.17349	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	Rope and orange float	Public
PR/R/23696	2020	Pacific Ocean - South	Humpback whale	Maroubra		-33.95020, 151.26869	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[NK]	Unknown netting - reported as red coloured netting (over head)	-
PR/R/23699	2020	Pacific Ocean - South	Humpback whale	Wattamolla Beach Royal National Park		-34.10754, 151.15608	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Sharks	[NSC]	-	Observer or inspector
PR/R/23702	2020	Pacific Ocean - South	Humpback whale	Merewether Beach		-32.94761, 151.77269	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	[FIX]	Rope and multiple white floats	Public

ID	Contacts	References	Explanation
<b>Australia notes</b>			
PR/R/20039	PR/C/1364   Department of Environment and Science ( <a href="mailto:strand.data@des.qld.gov.au">strand.data@des.qld.gov.au</a> )		
PR/R/20042	PR/C/1364   Department of Environment and Science ( <a href="mailto:strand.data@des.qld.gov.au">strand.data@des.qld.gov.au</a> )		
PR/R/20231	PR/C/465   M. Watson ( <a href="mailto:mandy.watson@delwp.vic.gov.au">mandy.watson@delwp.vic.gov.au</a> )	PR/B/929   Victorian Biodiversity Atlas   DELPW   Unpublished	Juvenile humpback whale entangled in RL fishing gear. Entanglement was reported as being around head and tail. Entanglement confirmed via video footage provided by charter operator. Fixed wing aircraft searched the coastline from Port Phillip Heads to SA border. Whale not found. FV <i>Doris</i> launched from Portland to search for whale around Lawrence Rocks area. Ground crews deployed to high points around Portland. Notice to fisherman put out via Coast Guard and Port of Portland. Vessels, rescue gear and crew on standby at Warrnambool. NSW, Tas and SA alerted.
PR/R/20234	PR/C/80   M. Watson, DSE ( <a href="mailto:mandy.watson@dse.vic.gov.au">mandy.watson@dse.vic.gov.au</a> )	PR/B/929 as above	Air obs/search for entangled whale along coastal waters from Port Phillip Heads to east coast of Wilsons Promontory. Search conducted over 2 days. Whale could not be located.
PR/R/20345	PR/C/1382   K. Carlyon ( <a href="mailto:kris.carlyon@dpipwe.tas.gov.au">kris.carlyon@dpipwe.tas.gov.au</a> )		Calf photographed entangled in southern rock lobster fishing gear, in close proximity to adult. No disentanglement attempt possible, no further reports.
PR/R/20348	PR/C/1382   K. Carlyon ( <a href="mailto:kris.carlyon@dpipwe.tas.gov.au">kris.carlyon@dpipwe.tas.gov.au</a> )		Juvenile animal entangled in rock lobster gear in November 2020, initially anchored and then moved. Animal lost before disentanglement attempt could be made. Sighted again in Coles Bay (-43.1432, 148.2812) in March 2021 (confirmed by marked buoys), public cut most material away before disentanglement team could be deployed.
PR/R/23648	PR/C/1011   S. Crocetti ( <a href="mailto:susan.crocetti@environment.nsw.gov.au">susan.crocetti@environment.nsw.gov.au</a> )		NSW20-001 - reported via ORRCA Hotline.
PR/R/23651	PR/C/1011   S. Crocetti (as above)		NSW20-002 - reported via Zac Danby (local fisher), relayed via MR PMQ.

ID	Contacts	References	Explanation
<b>Australia notes</b>			
PR/R/23654	PR/C/1011   S. Crocetti (as above)		NSW20-003 - reported via MoP on the beach near Cronulla SLSC, reported incident to local clubbies, who saved a photo off the view screen of the observer's camera, and relayed to ORRCA, then to NPWS.
PR/R/23657	PR/C/1011   S. Crocetti (as above)		NSW20/01 - unconfirmed report – Peter.
PR/R/23660	PR/C/1011   S. Crocetti (as above)		NSW20-004 - reported via Blake - Ocean Extreme WW operator and also info via ORRCA, Chad Weston and Luke McSweeney.
PR/R/23663	PR/C/1011   S. Crocetti (as above)		NSW20-005 - reported via Wayne Reynolds, ORRCA.
PR/R/23666	PR/C/1011   S. Crocetti (as above)		SW20-006 - reported via drone pilot Michael O'Leary, and vessel <i>Joanne Webber</i> .
PR/R/23669	PR/C/1011   S. Crocetti (as above)		'Poseidon' and 'Rachel Anne' marked on series of floats (traced to Kaikoura NZ) NSW20-007 - reported via land-based public to ORRCA, then rescued by public off Redhead Bluff 2nd July.
PR/R/23672	PR/C/1011   S. Crocetti (as above)		two white 300mm styrene floats - FLO30028F. NSW20/02 - reported via Living Ocean to Peter Bergman (NPWS).
PR/R/23675	PR/C/1011   S. Crocetti (as above)		NSW20/03 - unconfirmed report - reported via MoP to NPWS Hunter Coast Area.
PR/R/23678	PR/C/1011   S. Crocetti (as above)		NSW20-009 - reported via MoP Ken Bennett, then to OORCA and NPWS (David Croft).
PR/R/23681	PR/C/1011   S. Crocetti (as above)		NSW20-008 - reported via Mike Abbott from Cronulla Whale Watching (then to NPWS (Chad Weston).
PR/R/23684	PR/C/1011   S. Crocetti (as above)		NSW20-010 - reported via Adam and then via ORRCA.
PR/R/23687	PR/C/1011   S. Crocetti (as above)		NSW20-011 - reported via PMCA skipper to ORRCA, relayed to NPWS PMQ (Andy Marshall).
PR/R/23690	PR/C/1011   S. Crocetti (as above)		NSW20-011 - reported via Chris Senior via Scott Sheehan from MMR, Jervis Bay.
PR/R/23693	PR/C/1011   S. Crocetti (as above)		NSW20-012 - reported via MOP to Leesa Pratt, ORRCA.
PR/R/23696	PR/C/1011   S. Crocetti (as above)		NSW20-013 - reported via MOP to ORRCA.
PR/R/23699	PR/C/1011   S. Crocetti (as above)		NSW20-014 - reported via MOP to NPWS local staff - Rescued by NPWS disentanglement crew.
PR/R/23702	PR/C/1011   S. Crocetti (as above)		NSW20-016 - reported via public to Leigh Mansfield, ORRCA.

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<b>Iceland</b>																						
PR/R/24449	2020	2021	Atlantic Ocean - North	Humpback whale	Icelandic waters	-	-	-	-	-	-	-	-	3	-	-	-	Yes	Cod and mixed groundfish	[GNS]	Observer or inspector	PR/C/630   G.A Vikingsson (gisli@hafro.is)

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<b>New Zealand</b>																									
PR/R/23099	2020	2021	Pacific Ocean - South	Southern right whale	Sub-Antarctic	-	-	-	-	-	-	-	-	1	-	-	-	Yes	-	-	-	Fisherman	PR/C/1188   Fisheries New Zealand	1 dead animal reported by a fisher in the sub-Ants.	
PR/R/23102	2020	2021	Pacific Ocean - South	Southern right whale	-	-37.4028, 177.679	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Southern bluefin tuna	[LLD]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported entangled but released alive uninjured.
PR/R/23114	2020	2021	Pacific Ocean - South	Humpback whale	SE coast	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	-	-	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal released alive uninjured.
PR/R/23771	2020	2021	Pacific Ocean - South	Humpback whale	-	-42.4253, 173.6818	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Fisherman	PR/C/537   H. Hendriks (hhendriks@doc.govt.nz)	One animal seen entangled in craypot lines, but unable to be released.
PR/R/23852	2020	2021	Pacific Ocean - South	Humpback whale	Kaikoura	-	-	-	-	-	-	-	-	-	-	-	-	1	Yes	Rock lobster	[FPO]	-	Public	PR/C/537   H. Hendriks (hhendriks@doc.govt.nz)	Humpback whale released alive from craypot line.
PR/R/23855	2020	2021	Pacific Ocean - South	Common minke whale	Marlborough Sounds	-	-	-	-	-	-	-	-	1	-	-	-	Yes	Mussel farm	-	Mussel farm	Public	PR/C/537   H. Hendriks (hhendriks@doc.govt.nz)	Minke whale reported dead in mussel farm; presumed entanglement.	

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<b>UK</b>																					
PR/R/24485	2020	2021	Atlantic Ocean - North	Common minke whale	2	-	-	-	-	-	-	-	2	-	-	-	Yes	[NK]; [FPO]	PR/C/247   R. Deaville ( <a href="mailto:rob.deaville@ioz.ac.uk">rob.deaville@ioz.ac.uk</a> ) PR/C/248   A. Brownlow ( <a href="mailto:andrew.brownlow@sac.co.uk">andrew.brownlow@sac.co.uk</a> )	PR/B/962   CSIP Annual Report to UK Government for 2020   Deaville, R. (compiler)   Unpub.	Diagnosed from necropsy within UK stranding programme. Report of entanglements at sea and observations on stranded carcass.

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<b>USA 2019</b>																					
PR/R/20627	2019	2021	Pacific Ocean - North	Gray whale	Lincoln County, Oregon	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20630	2019	2021	Pacific Ocean - North	Humpback whale	Ventura County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20633	2019	2021	Pacific Ocean - North	Gray whale	Orange County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Gillnet fishery	[GN]	-
PR/R/20636	2019	2021	Pacific Ocean - North	Humpback whale	Mexico	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery (Oregon)	[FPO]	-
PR/R/20639	2019	2021	Pacific Ocean - North	Gray whale	Orange County, California	-	-	-	-	1	-	-	-	-	-	-	-	Yes	CA halibut and white seabass set gillnet fishery	[GNS]	-
PR/R/20642	2019	2021	Pacific Ocean - North	Gray whale	Los Angeles County, California	-	-	-	-	1	-	-	-	-	-	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20645	2019	2021	Pacific Ocean - North	Gray whale	San Luis Obispo County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Marine debris	[MIS]	-
PR/R/20648	2019	2021	Pacific Ocean - North	Humpback whale	Santa Barbara County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20651	2019	2021	Pacific Ocean - North	Gray whale	Curry County, Oregon	-	-	-	-	-	-	-	-	1	-	-	-	Yes	Dungeness crab pot fishery (commercial)	[FPO]	-
PR/R/20654	2019	2021	Pacific Ocean - North	Humpback whale	Clallam County, Washington	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery (Washington)	[FPO]	-
PR/R/20657	2019	2021	Pacific Ocean - North	Gray whale	Snohomish County, Washington	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Marine debris	[MIS]	-
PR/R/20660	2019	2021	Pacific Ocean - North	Humpback whale	San Juan County, Washington	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20663	2019	2021	Pacific Ocean - North	Humpback whale	Marin County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery (Washington)	[FPO]	Mooring line
PR/R/20666	2019	2021	Pacific Ocean - North	Humpback whale	Monterey County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery (California)	[FPO]	-
PR/R/20669	2019	2021	Pacific Ocean - North	Common minke whale	San Mateo County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20672	2019	2021	Pacific Ocean - North	Humpback whale	Monterey County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20675	2019	2021	Pacific Ocean - North	Humpback whale	Ventura County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery (California)	[FPO]	-
PR/R/20678	2019	2021	Pacific Ocean - North	Humpback whale	Clallam County, Washington	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20681	2019	2021	Pacific Ocean - North	Humpback whale	Monterey County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Hook and line fishery	[LX]	-
PR/R/20684	2019	2021	Pacific Ocean - North	Humpback whale	Monterey County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20687	2019	2021	Pacific Ocean - North	Gray whale	Lincoln County, Oregon	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20690	2019	2021	Pacific Ocean - North	Humpback whale	Los Angeles County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-

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<b>USA 2019</b>																					
PR/R/20693	2019	2021	Pacific Ocean - North	Humpback whale	Humboldt County, California	1	-	-	-	-	-	-	-	-	-	-	-	Yes	Dungeness crab pot fishery (California)	[FPO]	-
PR/R/20696	2019	2021	Pacific Ocean - North	Humpback whale	San Diego County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Dungeness crab pot fishery	[FPO]	-
PR/R/20699	2019	2021	Pacific Ocean - North	Humpback whale	Santa Cruz County, California	-	-	-	-	-	-	-	-	-	1	-	-	Yes	Unidentified fishery interaction	[MIS]	-
PR/R/20702	2019	2021	Pacific Ocean - North	Humpback whale	Santa Cruz County, California	-	-	-	-	-	-	-	-	-	-	1	-	Yes	Dungeness crab pot fishery (recreational)	[FPO]	-

ID	How observed	Contacts	Explanation
<b>USA 2019 notes</b>			
PR/R/20627	Scientist	PR/C/1385   J. Greenman ( <a href="mailto:justin.greenman@noaa.gov">justin.greenman@noaa.gov</a> )	03/24/2019: entangled whale seen with green line through mouth. Gear amount and configuration unknown.
PR/R/20630	Scientist	PR/C/1385   J. Greenman (as above)	03/24/2019: single orange polyball trailing from swimming whale. Ball submerges when whale dives. Photos show whale lifting flukes out of water. Amount and configuration of gear unknown.
PR/R/20633	Scientist	PR/C/1385   J. Greenman (as above)	04/14/2019: whale entangled in pink gillnet with green lines around flukes, trailing 20 feet behind whale. Mass of netting is tight around flukes and is constricting and cutting into trailing edge of flukes based on photos reviewed by J. Carretta.
PR/R/20636	Scientist	PR/C/1385   J. Greenman (as above)	04/14/2019: whale reported in Loreto Mexico trailing one yellow bullet buoy with ODFW tag and two yellow trailer buoys 10 to 20 feet behind whale. Gear had been set near Coos Bay, Oregon, date not given. Entanglement was on tailstock with scarring on caudal peduncle. Whale disentangled in Mexico. Photos of recovered gear reviewed by J. Carretta. Full gear amount and configuration unknown. Unconfirmed if all gear removed.
PR/R/20639	Scientist	PR/C/1385   J. Greenman (as above)	04/20/2019: pink monofilament gillnet 8 inch mesh size consistent with local set gillnet fishery. Black float line (black floats), and black lead line wrapped around fluke and peduncle. Multiple wraps, four to five. Entanglement described as digging into tail, so a constricting entanglement. Line trailed deep. Article states that end of trailing gear was 40 ft behind whale. Whale partially disentangled and found dead on 05/03/2020.
PR/R/20642	Scientist	PR/C/1385   J. Greenman (as above)	04/03/2019: large softball sized abscess on ventral side of right fluke blade posterior to peduncle on moderately decomposed whale. Abscess was very hard and difficult to cut through. Abscess was covered in whale lice, started to bleed when cut. Upon review of underwater video, twisted rope is seen embedded in flukes right next to abscess. Skin and blubber collected. Entire abscess collected and sub sampled for histology.
PR/R/20645	Scientist	PR/C/1385   J. Greenman (as above)	05/04/2019: whale dragging a 2 ft x 2 ft styrofoam cube or buoy behind blowhole. Unknown amount of line and gear configuration. No photos.
PR/R/20648	Scientist	PR/C/1385   J. Greenman (as above)	05/05/2019: white floating line trailing 40 feet behind whale. Gear amount and configuration unknown.
PR/R/20651	Scientist	PR/C/1385   J. Greenman (as above)	06/12/2019: during a seabird survey, helicopter team detected dead entangled whale with multiple sets of Dungeness gear. State fishery not confirmed.
PR/R/20654	Scientist	PR/C/1385   J. Greenman (as above)	06/29/2019: WDFW wardens described a whale entangled with two WA state Dungeness crab buoys around tail. Photos show one or more buoys at surface approximately 20-30 feet behind dorsal hump. Gear amount and configuration unknown. Photos reviewed by J. Carretta.
PR/R/20657	Scientist	PR/C/1385   J. Greenman (as above)	06/03/2019: gray whale briefly entangled in mooring buoy before self-releasing. Whale seen gear-free after event.
PR/R/20660	Scientist	PR/C/1385   J. Greenman (as above)	07/23/2019: line running full length of body, draped over flukes, caught on barnacles. The anchor point of the line may involve the mouth. Whale initially seen in Canadian waters where disentanglement team responded. Whale was resighted in US waters without line on right side of animal, implying that gear shifted or was shed, but unknown. Gear configuration and amount unknown.
PR/R/20663	Scientist	PR/C/1385   J. Greenman (as above)	07/09/2019: photos show entanglement with tight wrap around tailstock with line that is deeply cutting into the whale. Whale appears anchored in place. Constricting entanglement. Photos also show recovered trap tags. Entanglement appears to be caught up in the mooring line of the UCSD CDIP buoy that is in the area. 3 buoys and blue poly line + CDIP buoy see attached photo of mooring; 3 buoys would indicate an offshore set. Whale partially disentangled by Cascadia Research with small amount of remaining gear responders believe may fall out on its own.
PR/R/20666	Scientist	PR/C/1385   J. Greenman (as above)	08/01/2019: whale watch vessel reported entangled humpback in large feeding aggregation with 2 orange/red bullet buoys with blue/green line and olive coloured CDFW commercial Dungeness crab tag. Described as likely mouth or pectoral entanglement with buoys trailing behind right side of whale. Buoys don't always pop up when whale surfaces. Photos show that buoys are quite weathered. Gear configuration and amount unknown.
PR/R/20669	Scientist	PR/C/1385   J. Greenman (as above)	08/03/2019: single buoy and rope around base of flukes, 'ropes going down' (presumably to depth). Whale watch captain was with whale for 20 minutes, said entanglement looked recent. Gear configuration and amount unknown. No photos.
PR/R/20672	Scientist	PR/C/1385   J. Greenman (as above)	08/06/2019: whale watch naturalist reported entanglement of free-swimming animal in a feeding group with thin-gauge line or monofilament over fluke. Photos inconclusive, show a whale fluking up at a distance with gear not visible. Amount and configuration of gear unknown.
PR/R/20675	Scientist	PR/C/1385   J. Greenman (as above)	08/07/2019: whale struggling to swim near Santa Cruz island. Multiple constricting wraps around body with a deep, wide scar covered in cyamids. Gear was old and faded. Whale found dead one week later, gear confirmation determined via collection. Gear was thought to be set between point conception and Piedras Blancas and may have been from 2017/2018 season. Photos reviewed by J. Carretta.
PR/R/20678	Scientist	PR/C/1385   J. Greenman (as above)	08/08/2019: line through mouth - out of right mouth and under right flipper to peduncle, out of left mouth and under left flipper to peduncle, with multiple wraps of the peduncle and flukes and a mess of loose line around the peduncle. Photos show constricting wraps of line around peduncle, cutting into the animal with multiple peduncle lacerations. Multiple scars in addition to these lacerations. Free-swimming whale reacted little to disentanglement team and was easily approached. Successfully disentangled, with only a small piece of gear remaining that may fall out on its own.
PR/R/20681	Scientist	PR/C/1385   J. Greenman (as above)	08/12/2019: loop of monofilament line around tail stock, connected under fluke, dark 3 inch object that looks like a fishing sinker near connection point. Superficial scars on flukes and peduncle. Amount and configuration of gear unknown.

ID	How observed	Contacts	Explanation
<b>USA 2019 notes</b>			
PR/R/20684	Scientist	PR/C/1385   J. Greenman (as above)	08/15/2019: blue-green twisted line trailing 60 feet behind whale. Line caught on some tubercles on the tip of the rostrum but may have moved aft and appears at the water line on the left side around the mouth-line and goes over the body forward of the dorsal fin. The other end of line is under the animal, and there is at least one tight wrap around the peduncle. Constricting entanglement. Unauthorized attempt to disentangle whale resulted in trailing 50 feet of line cut off, leaving tight wrap around peduncle.
PR/R/20687	Scientist	PR/C/1385   J. Greenman (as above)	09/13/2019: multiple wraps on flukes, trailing line 40 feet behind animal, where it sank below surface. Amount and configuration of gear unknown.
PR/R/20690	Scientist	PR/C/1385   J. Greenman (as above)	10/02/2019: photos from aerial fish spotter plane show humpback whale trailing line from flukes. Whale has many light patches of skin dorsally and a heavy cyamid load on the rostrum and blowhole area. Poor body condition. Multiple photos appear to show damaged or missing right fluke blade and whale is swimming only with pectoral flippers. Heavy marine growth on trailing line, implying entanglement is not new. Amount and configuration of gear unknown. Assigned serious injury with proration factor equal to 1 due to health decline. Photos reviewed by J. Carretta.
PR/R/20693	Scientist	PR/C/1385   J. Greenman (as above)	10/23/2019: whale with good body condition stranded alive entangled in gear and was euthanized. Gear description: two cylindrical bullet buoys and a mass of orange line on its left side and possibly around the left pectoral with line going through the mouth and coming out the right side and ending at the crab pot just in front of the right pectoral flipper. Approximately 235 feet of rope recovered. Wounds noted on tail that imply whale may have been 'hog-tied' prior to stranding. Gear recovered and positively-identified to fishery. Gear sets sometime after January 2019 in 23 fathoms of water. Photos reviewed by J. Carretta.
PR/R/20696	Scientist	PR/C/1385   J. Greenman (as above)	11/21/2019: stationary whale, likely anchored in place, with no movement for 2 to 3 hours. Two cylindrical bullet buoys and a mass of line on its left side and possibly around the left pectoral with line going through the mouth and coming out the right side and ending at the crab pot just in front of the right pectoral flipper. Severe damage to caudal peduncle and flukes, deep wounds, progressing towards severing / amputation of tail. Constricting entanglement. Animal in poor health with many cyamids on dorsal surface. Sea world intervened and disentangled whale. Unknown if all gear was removed. No state pot/trap tag associated with recovered line and trap. Photos reviewed by J. Carretta.
PR/R/20699	Scientist	PR/C/1385   J. Greenman (as above)	12/04/2019: whale is trailing two buoys green/yellow and pink/orange with a 15 foot yellow line attached. The buoys are going up and down with each dive and sink after the whale has gone down and surface prior to the whale. Entanglement reported as coming from the front of the animal either near the mouth or the pectoral flippers. Gear configuration and amount unknown.
PR/R/20702	Scientist	PR/C/1385   J. Greenman (as above)	12/09/2019: photos show free-swimming healthy whale trailing 2 orange buoys approximately 30 feet behind. Whale is swimming and raising flukes out of the water. Some scarring noted on tailstock. Entanglement diagram shows line wrapped around body (single wrap) behind blowhole and at base of pectoral fins. Diagram of gear configuration plus photos implies loosely wrapped gear in a bridle around whale. Recreational gear set outside Moss Landing Harbor. Fisherman has lost 3 pots since the beginning of the season with one of them reported lost early last week, around the time of the first entanglement report. He fishes both round and square pots weighted, likely square Danielson trap using leaded line and trailer buoys. The fished depths range from 130-200 feet with 300 feet of line. He uses rebar and bar bells as weight (typically 20 lbs). The fisherman believes he had 300 feet of line on the trap in total. He believes the lost trap went missing around the same time the entanglement was reported based on the last time they were serviced. Whale was disentangled on 12/13/2019, approximately 140 feet of line recovered. Photos of entangled whale and recovered gear reviewed by J. Carretta.

ID	Data Year	Year Submitted	Large Area	Species	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Individual data are available from the contact below	Fishing gear	How observed	Contacts	References
<b>USA 2018</b>																					
PR/R/23711	2018	2021	Atlantic Ocean - North	North Atlantic right whale	-	-	-	-	-	-	-	-	3	5	6	-	Yes	[MIS]	Scientist, fisherman, public	PR/C/836   A. Henry (allison.henry@noaa.gov)	PR/B/935   <i>Serious Injury and Mortality Determinations for Baleen Whale Stocks along the Gulf of Mexico, United States East Coast, and Atlantic Canadian Provinces, 2014-2018</i> . A.G Henry, M. Garron, D. Morin, A. Smith, A. Reid, W. Ledwell, and T.V.N. Cole. Publ.
PR/R/23714	2018	2021	Atlantic Ocean - North	Humpback whale	-	-	-	-	-	-	-	-	3	11	24	-	Yes	[MIS]	Scientist, fisherman, public	PR/C/836   A. Henry (as above)	PR/B/935 as above
PR/R/23717	2018	2021	Atlantic Ocean - North	Fin whale	-	-	-	-	-	-	-	-	1	-	-	-	Yes	[NK]	Scientist, fisherman, public	PR/C/836   A. Henry (as above)	PR/B/935 as above
PR/R/23720	2018	2021	Atlantic Ocean - North	Sei whale	-	-	-	-	-	-	-	-	1	-	-	-	Yes	[NK]	Scientist, fisherman, public	PR/C/836   A. Henry (as above)	PR/B/935 as above
PR/R/23870	2018	2021	Atlantic Ocean - North	Common minke whale	-	-	-	-	-	-	-	-	12	3	4	-	Yes	[MIS]	Scientist, fisherman, observer or inspector, public	PR/C/836   A. Henry (as above)	PR/B/935 as above

**FAO Gear Codes used in the tables above**

[FIX] TRAPS - Traps (not specified)
[FPO] TRAPS - Pots
[GN] GILLNETS AND ENTANGLING GEAR - Gillnets (not specified)
[LLD] HOOKS AND LINES - Drifting longlines
[LX] HOOKS AND LINES - Hooks and lines (not specified)
[MIS] MISCELLANEOUS GEAR
[NK] GEAR NOT KNOWN OR NOT SPECIFIED
[NSC] SHARK CONTROL NETS

**(ii) Vessel Strikes of Large Whales**

ID	Data Year	Year Submitted	Large Area	Species	Local Area	Local taxonomy	Local Area (Long/Lat)	Total Individuals: Dead	Total Individuals: Seriously Injured	Total Individuals: Injured	Total Individuals: Unknown	Individuals data are available	Submitted to National Ship Strike Database	Submitted to IWC	Contacts	Explanation
<b>Australia</b>																
PR/R/19976	2020	2021	Pacific Ocean - South	Humpback whale	Moreton Bay	-	-27.5325; 153.3471	-	-	-	2	No	No	No	PR/C/1364   Department of Environment and Science ( <a href="mailto:strand.data@des.qld.gov.au">strand.data@des.qld.gov.au</a> )	Mother-calf pair. Minor injuries reported to adult female.
PR/R/20354	2020	2021	Southern Ocean	Sperm whale	Seven Mile Beach, Coffin Bay	<i>Physeter macrocephalus</i>	34 30 15 S; 135 17 30 E	1	-	-	-	Yes	Yes	Yes	PR/C/573   C. Kemper (South Australian Museum) ( <a href="mailto:Catherine.Kemper@samuseum.sa.gov.au">Catherine.Kemper@samuseum.sa.gov.au</a> )	SAM observed at least 2 large hematomas on L side of head and body with copious amount of blood from mouth.

ID	Data Year	Year Submitted	Large Area	Species	Local Area (Long/Lat)	Total Individ.: Dead	Total Individ.: Seriously Injured	Total Individ.: Injured	Total Individ.: Unknown	Individuals data are available	Submitted to National Ship Strike Database	Submitted to IWC	Contacts	Explanation
<b>Italy</b>														
PR/R/23072	2020	2021	Atlantic Ocean - North	Common minke whale	12:11.216; 41:51.566	1	-	-	-	Yes	Unknown	Unknown	PR/C/1406   C. Grattarola ( <a href="mailto:credima@izsto.it">credima@izsto.it</a> ); PR/C/1412   C. Cocumelli ( <a href="mailto:cristiano.cocumelli@izslt.it">cristiano.cocumelli@izslt.it</a> )	Newborn. Total length: 290cm. DCC:4. NCC: poor. SEX: ND. The animal showed signs of post-mortem predation; lacerations of the back muscles and haemorrhages, consistent with an intra-vitam propeller injury; diaphragm rupture; sand in traces at gastric level. Degree of certainty: ship strike suspected, based on DCC 4 and limited investigations.

ID	Data Year	Year Submitted	Large Area	Species	Local Area	Total Individ.: Dead	Total Individ.: Seriously Injured	Total Individ.: Injured	Total Individ.: Unknown	Individuals data are available	Submitted to National Ship Strike Database	Submitted to IWC	Contacts	Explanation
<b>USA 2018/2019</b>														
PR/R/22820	2019	2021	Pacific Ocean - North	Blue whale	Los Angeles County, California	1	-	-	-	Yes	Yes	Unknown	PR/C/1385   J. Greenman ( <a href="mailto:justin.greenman@noaa.gov">justin.greenman@noaa.gov</a> )	06/02/2019: whale came in on the bow of a carnival cruise ship entering port of long beach. Vessel had left Mexico the previous night. Large area of trauma surrounding a crease on the whales back just in front of dorsal fin. Crease was also surrounded by blue paint. Crease and blue paint are likely from animal being pinned to the bow of the ship. There is hemorrhaging observed on the opposite side of the body from where the crease was, it is believed that the vessel collision was ante-mortem. Right pec flipper broken at insertion and jaws were separated, both of these are believed to be post-mortem.
PR/R/22823	2019	2021	Pacific Ocean - North	Gray whale	Los Angeles County, California	1	-	-	-	Yes	Yes	Unknown	PR/C/1385   J. Greenman (as above)	03/19/2019: self-reported vessel collision with Jet Catalina express which has a 35kts cruise speed and length of 144 feet. Whale moving south to north and was seen just ahead of the port bow as vessel traveled west. Whale hit on right side based on vessel direction and whale direction narrative. Vessel immediately slowed and Captain felt a bump towards the back of the vessel. Captain did see whale diving and turning down just before collision. Collision occurred at 33.687 and -118.18. Fresh dead carcass found on 03/21/2019 (wcrib-20190321er) at 33.73 and -118.20 (3 miles from reported vessel strike) determined to be same whale as it has evidence of being hit on the right dorsal surface, with the force causing significant hemorrhaging around pectoral flippers. Large wound across the animals back consistent with vessel collision. Video reviewed by J. Greenman and J. Viezbecke.
PR/R/22826	2019	2021	Pacific Ocean - North	Gray whale	Contra Costa County, California	1	-	-	-	Yes	Yes	Unknown	PR/C/1385   J. Greenman (as above)	04/13/2019: fresh dead carcass was amputated posterior to the genital slit and was missing the entire peduncle and flukes. Based on the measurement of the remaining carcass (910cm.) And similar size female gray whales, we estimated that the intact carcass would have been approximately 12m in length.
PR/R/22829	2019	2021	Pacific Ocean - North	Gray whale	Lincoln County, Oregon		1	-	-	Yes	Yes	Unknown	PR/C/1385   J. Greenman (as above)	09/06/2019: whale towing line from damaged left fluke blade that had deep propeller injury, as evidenced by regular spacing and character of wounds. Line was caught in the scar of the propeller wound. Cyamids noted in wound. Amount and configuration of gear unknown. Observer was an OSU whale researcher.

ID	Data Year	Year Submitted	Large Area	Species	Local Area	Total Indiv.: Dead	Total Indiv.: Seriously Injured	Total Indiv.: Injured	Total Indiv.: Unknown	Individuals data are available	Submitted to National Ship Strike Database	Submitted to IWC	Contacts	Explanation
<b>USA 2018/2019</b>														
PR/R/22832	2019	2021	Pacific Ocean - North	Humpback whale	King County, Washington		1	-	-	Yes	Yes	Unknown	PR/C/1385   J. Greenman (as above)	5/28/2019: vessel strike at 20:18 local time. A juvenile humpback whale surfaced approx. 5 ft in front of bow of 460 foot long car and passenger ferry that was accelerating. Speed assumed to be 5 kts or more, based on time and location of transit. Multiple passengers felt a thump and reported large amounts of blood and observed whale for several minutes of struggling at the surface. Then the animal disappeared at approx 20:30pm. The WSF captain confirmed the strike of the whale. USCG conducted searches but were unable to relocate carcass. Photo provided by the WSF cameras confirm species and age class estimate. Based on accounts of 'fountains of blood', the size (460 ft) and speed (5 kts or greater) and the size of the whale, this was likely a fatal strike. National database reference nw-2019-1211867.
PR/R/23705	2018	2021	Atlantic Ocean - North	Humpback whale	-	7	2	2	-	Yes	Unknown	Unknown	PR/C/836   A. Henry (allison.henry@noaa.gov)	PR/B/935. <i>Serious Injury and Mortality Determinations for Baleen Whale Stocks along the Gulf of Mexico, United States East Coast, and Atlantic Canadian Provinces, 2014-2018.</i> A.G Henry, M. Garron, D. Morin, A. Smith, A. Reid, W. Ledwell and T.V.N. Cole.
PR/R/23708	2018	2021	Atlantic Ocean - North	Fin whale	-	1	-	-	-	Yes	Unknown	Unknown	PR/C/836   A. Henry (as above)	PR/B/935 as above.

### (iii) Fishery Bycatch of Small Whales

ID	Data year	Year submitted	Large Area	Species	Local Area	Local Area (Long/Lat)	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Targeted fishery species	Fishing gear	How observed	Explanation	Contacts
<b>Australia</b>																							
PR/R/20030	2020	2021	Pacific Ocean - South	Unid. dolphin	Sunshine Coast to Gold Coast	-	1	-	-	3	-	-	-	-	-	-	-	-	White, tiger and bull sharks	[NSC]	Fisherman	-	PR/C/1364   Dept. Environment and Science (strand.data@des.qld.gov.au)
PR/R/20033	2020	2021	Pacific Ocean - South	Common dolphin	Gold Coast to Sunshine Coast	-	3	-	-	2	-	-	-	-	-	-	-	-	Recreational line fisheries; crab pots	[RG]; [FPO]	Fisherman	-	PR/C/1364   (as above)
PR/R/20036	2020	2021	Pacific Ocean - South	Indo-Pacific hump back dolphin	Moreton Bay	-	-	-	-	-	-	-	-	-	1	-	3	-	-	[TBB]	Scientist, public	-	PR/C/1364   (as above)
PR/R/20237	2020	2021	Pacific Ocean - South	Common dolphin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	[TBB]	Fisherman	-	PR/C/1370   N. Couchman (natalie.couchman@afma.gov.au)
PR/R/20240	2020	2021	Pacific Ocean - South	Unid. dolphin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	[LLD]	Fisherman	-	PR/C/1370   N. Couchman (as above)
PR/R/20243	2020	2021	Pacific Ocean - South	Common bottle-nose dolphin	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[GNS]	Fisherman	Fate - alive and vigorous	PR/C/1370   N. Couchman (as above)
PR/R/20246	2020	2021	Pacific Ocean - South	Common bottle-nose dolphin	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	[LLD]	Fisherman	-	PR/C/1370   N. Couchman (as above)
PR/R/20249	2020	2021	Pacific Ocean - South	Common dolphin	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	[GNS]	Fisherman	Fate - 2 alive, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20252	2020	2021	Pacific Ocean - South	Common dolphin	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	[OT]	Fisherman	-	PR/C/1370   N. Couchman (as above)
PR/R/20255	2020	2021	Pacific Ocean - South	Common dolphin	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	[LLD]	Fisherman	-	PR/C/1370   N. Couchman (as above)
PR/R/20258	2020	2021	Pacific Ocean - South	Unid. dolphin	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	[GNS]	Fisherman	Fate - 1 alive, 3 alive and vigorous, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20261	2020	2021	Pacific Ocean - South	Unid. dolphin	-	-	-	-	-	-	-	-	-	-	25	-	3	-	-	[LLD]	Fisherman	Fate - 3 alive, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20264	2020	2021	Pacific Ocean - South	False killer whale	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	[LLS]	Fisherman	Fate - 3 alive, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20267	2020	2021	Pacific Ocean - South	Killer whale	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[LLD]	Fisherman	Fate - alive and vigorous, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20270	2020	2021	Pacific Ocean - South	Melon-headed whale	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	[LLD]	Fisherman	Fate - 2 alive and vigorous, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20273	2020	2021	Pacific Ocean - South	Short-finned pilot whale	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	[LLD]	Fisherman	Fate - 1 alive, not unknown	PR/C/1370   N. Couchman (as above)



ID	Data year	Year submitted	Large Area	Species	Local Area	Local Area (Long/Lat)	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Targeted fishery species	Fishing gear	How observed	Explanation	Contacts
<b>Australia</b>																							
PR/R/20276	2020	2021	Pacific Ocean - South	Unid. small whale	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	[RG]; [GNS]	Fisherman	Fate - 1 alive, 2 alive and vigorous, not unknown	PR/C/1370   N. Couchman (as above)
PR/R/20351	2020	2021	Southern Ocean	Common bottle-nose dolphin	Fortescue Bay	147.9577/-43.1265	1	-	-	-	-	-	-	-	1	-	-	-	Sardine	[PS1]; [PS2]	Public	Note 1	PR/C/1382   K. Carlyon (kris.carlyon@dppw.tas.gov.au)
PR/R/20363	2020	2021	Southern Ocean	Common dolphin	South Australia	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	Fisherman	Note 2	PR/C/573   C. Kemper (South Australian Museum) (Catherine.Kemper@samuseum.sa.gov.au)
Note 1: Cow and calf caught in recreational graball net and found by members of the public. Unable to be saved, both drowned. Note 2: Known entanglement reported by PIRSA (the Department of Primary Industry and Regions). 3 events with 1 individual animal each (2 April 2020 - Sanders Bank, 15 May 2020 - Buffalo Reef, Spencer Gulf and 16 May 2020 - off Thistle Island, Spencer Gulf).																							

ID	Data year	Year submitted	Large Area	Species	Local Area	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Fishing gear	Contacts	Explanation
<b>Germany 2019/20</b>																				
PR/R/23228	2020	2021	Atlantic Ocean - North	Harbour porpoise	Baltic Sea, Coast of Federal State of Schleswig Holstein	4	0	0	0	5	0	0	0	0	0	0	0	[NK]	PR/C/623   U. Siebert (Ursula.Siebert@tiho-hannover.de)	Animals stranded, but based on pathological investigations, 9 suspected bycatches
PR/R/23864	2020	2021	Atlantic Ocean - North	Harbour porpoise	Baltic Sea, Coast of Mecklenburg Western Pomerania	5	0	0	0	2	0	0	0	0	0	0	0	[NK]	PR/C/1481   M. Dähne (michael.daehne@meeresmuseum.de)	Animals stranded, but based on pathological investigations, 7 suspected bycatches
PR/R/24074	2019	2021	Atlantic Ocean - North	Harbour porpoise	Baltic Sea, Coast of Mecklenburg Western Pomerania	2	0	0	0	1	0	0	0	0	0	0	0	[NK]	PR/C/1481   M. Dähne (as above)	Animals stranded, 3 suspected by-catches based on pathological investigations

ID	Data year	Year submitted	Large Area	Species	Local Area	Local Area (Long/Lat)	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Fishing gear	How observed	Contacts	
<b>Italy</b>																						
PR/R/23075	2020	2021	Atlantic Ocean - North	Common bottle-nose dolphin	Mediterranean Sea-Strait of Sicily, Campobello di Mazara (TP)	Long: 12:41.34 Lat: 37:33.72	-	-	-	-	1	-	-	-	-	-	-	-	-	Unknown	Scientist	PR/C/1047   C. Grattarola (credima@izsto.it) PR/C/1418   R. Puleio (roberto.puleio@izssicilia.it)
PR/R/23078	2020	2021	Atlantic Ocean - North	Common bottle-nose dolphin	Mediterranean Sea-North Tyrrhenian Sea, Marina di Grosseto (GR)	Long: 10:55.74 Lat: 42:44.82	1	-	-	-	-	-	-	-	-	-	-	-	-	Unknown	Scientist	PR/C/1047   C. Grattarola (credima@izsto.it) PR/C/1424   G. Terracciano (giuliana.terracciano@izslt.it)
PR/R/23081	2020	2021	Atlantic Ocean - North	Common bottle-nose dolphin	Mediterranean Sea- Ligurian Sea, San Fruttuoso di Camogli, GE	Long: 9:10.342 Lat: 44:18.731	-	-	-	-	1	-	-	-	-	-	-	-	-	[MIS]	Scientist	PR/C/1047   C. Grattarola (credima@izsto.it)
PR/R/23084	2020	2021	Atlantic Ocean - North	Striped dolphin	Mediterranean Sea- Ligurian Sea, Spotorno (SV)	Long: 8:26.279 Lat: 44:12.455	-	-	-	-	1	-	-	-	-	-	-	-	-	Unknown	Scientist	PR/C/1047   C. Grattarola (credima@izsto.it)
PR/R/23087	2020	2021	Atlantic Ocean - North	Striped dolphin	Mediterranean Sea- North Tyrrhenian Sea, Lacona, Capoliveri (LI)	Long: 10:18.66 Lat: 42:45.54	-	-	-	-	1	-	-	-	-	-	-	-	-	Unknown	Scientist	PR/C/1047   C. Grattarola (credima@izsto.it) PR/C/1424   G. Terracciano (giuliana.terracciano@izslt.it)

ID	Explanation
<b>Italy - notes</b>	
PR/R/23075	Adult. Male. Total length: 217cm. DCC: 2. NCC: good. The animal showed circular signs, attributable to nets/lines (acute), on rostrum and peduncle; gas-bubbles (mesenteric vessels); presence of fresh gastric content; Pholeter at gastric level; mild hyperplasia of mesenteric lymph nodes; congestion and mild pulmonary edema. Relevant diagnostic findings: lymphocytic/lymphoplasmacytic inflammation (lung and liver). Degree of certainty: certain.
PR/R/23078	Adult. Female. Total length 242cm. DCC:3. NCC: ND. The animal showed fishing gear/rope around head, neck, pectoral fins, net/line markings on head and neck, acute and chronic (one mark recent and one keloid scar, consistent with a chronic entanglement); blood in oral cavity and genital slit; presence of fresh gastric content; mild hyperplasia of pulmonary lymph nodes; meningeal hyperemia. Relevant diagnostic findings: Herpesvirus PCR detection (lung/spleen). Degree of certainty: By-catch suspected, based on DCC 3, in individual with previous fishing interaction (chronic entanglement).
PR/R/23081	Adult. Male. Total length: 310cm. DCC: 2. NCC: good. The animal showed nets and ropes twisted around the peduncle, net marks (acute) on the peduncle, bulging/red eyes (eye bleeding), worn teeth; pulmonary congestion/edema; abundant fresh gastric content; severe hyperplasia in mesenteric and pulmonary lymph nodes; gas bubbles (mesenteric vessels) and renal subcapsular gas; froth in trachea and bronchi; pulmonary edema. Relevant diagnostic findings: multifocal alveolar edema, interstitial pneumonia: liver lipidosis; pulmonary and mesenteric lymph nodes: eosinophilic lymphadenitis; non suppurative meningo-encephalitis; multifocal muscle degeneration attributable to capture myopathy; Toxoplasma gondii PCR detection (systemic infection); Alpha Herpesvirus PCR detection (mesenteric lymph node); diatoms evidence (bone marrow). Degree of certainty: By-catch as a consequence of underlying pathologies.
PR/R/23084	Adult. Male. Total length: 200cm. DCC: 2. NCC: good. The animal showed abrasions and net marks /linear signs (acute) around dorsal fin and right thoracic side of the body; gas-bubbles (mesenteric, coronary and meningeal vessels); abundant fresh gastric content; hyperplasia of mesenteric and pulmonary lymph nodes; polyparasitism (subcutaneous and peritoneal parasitic cysts (Phyllobothrium; Monorygma); Pholeter and Anisakis at gastric level; Campula (liver and pancreas); Pseudaliidae (bronchi, lung)). Relevant diagnostic findings: granulomatous bronchopneumonia, associated to multifocal hemorrhagic foci; liver congestion, associated to hemorrhagic foci; chronic interstitial nephritis; lymphoid depletion (spleen and lymph nodes). Degree of certainty: By-catch as a consequence of underlying pathologies.
PR/R/23087	Adult. Male. Total length: 200cm. DCC: 3. NCC: good. The animal showed net and rope twisted around the peduncle; fresh gastric content; froth in trachea; subcutaneous and muscular parasitic cysts (Phyllobothrium; Monorygma); liver congestion and hyperthrophy; pulmonary emphysema; Pseudaliidae (lung). Relevant diagnostic findings: mild pyogranulomatous nephritis. Degree of certainty: By-catch suspected, based on DCC 3 and limited investigations.

ID	Data year	Year submitted	Large Area	Species	Local Area (Long/Lat)	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Targeted fishery species	Fishing gear	Other fishing gear	How observed	Contacts	Explanation
<b>New Zealand</b>																							
PR/R/23117	2020	2021	Pacific Ocean - South	Dusky dolphin	-44.167, 173.4768	-	-	-	-	-	-	-	-	1	-	-	-	Barracouta	[TM]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 01/01/20
PR/R/23120	2020	2021	Pacific Ocean - South	Common bottlenose dolphin	-35.8333, 174.7162	-	-	-	-	-	-	-	-	-	-	-	1	John Dory	[TBB]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported released alive uninjured by fisherman on 16/01/20
PR/R/23123	2020	2021	Pacific Ocean - South	Hector's dolphin	-44.0491, 172.2208	-	-	-	-	-	-	-	-	-	-	-	-	Rig	[GNS]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 03/03/20
PR/R/23126	2020	2021	Pacific Ocean - South	Long- or short-finned pilot whale	-42.2091, 170.2527	-	-	-	-	-	-	-	-	1	-	-	-	Hake	[TBB]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 02/07/20
PR/R/23129	2020	2021	Pacific Ocean - South	Common dolphin	-41.9533, 169.695	-	-	-	-	-	-	-	-	-	-	-	1	Southern bluefin tuna	[LLD]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported released alive uninjured by fisherman on 19/07/20
PR/R/23132	2020	2021	Pacific Ocean - South	Common dolphin	-39.5889, 173.7848	-	-	-	-	-	-	-	-	1	-	-	-	Warehou	[GNS]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 03/08/20
PR/R/23135	2020	2021	Pacific Ocean - South	Common dolphin	-41.5414, 174.5813	-	-	-	-	-	-	-	-	2	-	-	-	Hoki	[TM]	-	Fisherman	PR/C/895   Fisheries New Zealand	2 animals reported dead by fisherman on 01/09/20
PR/R/23138	2020	2021	Pacific Ocean - South	Dusky dolphin	-43.3294, 173.5737	-	-	-	-	-	-	-	-	1	-	-	-	Hoki	[TM]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 18/09/20
PR/R/23141	2020	2021	Pacific Ocean - South	Common dolphin	-37.9421, 174.3556	-	-	-	-	-	-	-	-	1	-	-	-	School shark	[GNS]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 03/10/20
PR/R/23144	2020	2021	Pacific Ocean - South	Common dolphin	-35.8986, 174.5575	-	-	-	-	-	-	-	-	-	-	-	1	Snapper	[LL]	Bottom long line	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported released alive uninjured by fisherman on 21/10/20
PR/R/23147	2020	2021	Pacific Ocean - South	Common dolphin	-37.8359, 174.0762	-	-	-	-	-	-	-	-	1	-	-	-	Jack mackerel	[TM]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 14/11/20
PR/R/23150	2020	2021	Pacific Ocean - South	Common dolphin	-37.6736, 174.1471	-	-	-	-	-	-	-	-	-	-	-	1	Jack mackerel	[TM]	-	Fisherman	PR/C/895   Fisheries New Zealand	5 animals reported released alive uninjured by fisherman on 15/11/20
PR/R/23153	2020	2021	Pacific Ocean - South	Spectacled porpoise	-37.8554, 178.5039	-	-	-	-	-	-	-	-	1	-	-	-	Tarakihi	[TBB]	-	Fisherman	PR/C/895   Fisheries New Zealand	1 animal reported dead by fisherman on 12/12/20

ID	Data year	Year submitted	Large Area	Species	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Fishing gear	How observed	Contacts	References	Explanation
<b>UK</b>																					
PR/R/24488	2020	2021	Atlantic Ocean - North	Harbour porpoise	1	0	0	0	1	0	0	0	0	0	0	0	[NK]	Scientist	PR/C/247   R. Deaville ( <a href="mailto:rob.deaville@ioz.ac.uk">rob.deaville@ioz.ac.uk</a> ); PR/C/248   A. Brownlow ( <a href="mailto:andrew.brownlow@sac.co.uk">andrew.brownlow@sac.co.uk</a> )	PR/B/962   CSIP Annual Report to UK Government for 2020   Deaville, R. (compiler)   Unpublished	Diagnosed as bycatch from necropsies within UK strandings programme.
PR/R/24491	2020	2021	Atlantic Ocean - North	Common dolphin	7	0	0	0	7	0	0	0	0	0	0	0	[NK]	Scientist	PR/C/247   R. Deaville ( <a href="mailto:rob.deaville@ioz.ac.uk">rob.deaville@ioz.ac.uk</a> ) PR/C/1547   J. Barnett ( <a href="mailto:jamesbarnettvet@gmail.com">jamesbarnettvet@gmail.com</a> )	PR/B/962   CSIP Annual Report to UK Government for 2020   Deaville, R. (compiler)   Unpublished	Diagnosed as bycatch from necropsies within UK strandings programme.

ID	Data year	Year submitted	Large Area	Species	Local Area	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Targeted fishery species	Fishing gear	How observed	Contacts	References
<b>USA 2018/19</b>																						
PR/R/20720	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman ( <a href="mailto:justin.greenman@noaa.gov">justin.greenman@noaa.gov</a> )	
PR/R/20723	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20726	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	Ca halibut and white seabass set gillnet fishery	[GNS]	Observer or inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20729	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman (as above)	

ID	Data year	Year submitted	Large Area	Species	Local Area	F: D	F: SI	F: I	F: FU	M: D	M: SI	M: I	M: FU	US: D	US: SI	US: I	US: FU	Targeted fishery species	Fishing gear	How observed	Contacts	References
<b>USA 2018/19</b>																						
PR/R/20732	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or Inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20735	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or Inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20738	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or Inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20741	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20744	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman (as above)	
PR/R/20747	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20750	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20753	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20756	2019	2021	Pacific Ocean - North	Harbour porpoise	Pacific County, Washington	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20759	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	Santa Barbara County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20762	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	Ventura County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20765	2019	2021	Pacific Ocean - North	Common dolphin	Santa Barbara County, California	-	-	-	-	-	-	-	-	1	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20768	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	Santa Barbara County, California	-	-	-	-	-	-	-	-	1	-	-	-	Gillnet fishery	[GN]	Public	PR/C/1385   J. Greenman (as above)	
PR/R/20771	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	1	-	-	-	-	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20774	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20777	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	1	-	-	-	-	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20780	2019	2021	Pacific Ocean - North	Harbour porpoise	Pacific County, Washington	-	-	-	-	1	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20783	2019	2021	Pacific Ocean - North	Harbour porpoise	Pacific County, Washington	1	-	-	-	-	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20786	2019	2021	Pacific Ocean - North	Long-beaked common dolphin	San Diego County, California	1	-	-	-	-	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20789	2019	2021	Pacific Ocean - North	Harbour porpoise	Pierce County, Washington	1	-	-	-	-	-	-	-	-	-	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20792	2019	2021	Pacific Ocean - North	Common dolphin	Santa Barbara County, California	-	-	-	-	-	-	-	-	-	1	-	-	Gillnet fishery	[GN]	Scientist	PR/C/1385   J. Greenman (as above)	
PR/R/20795	2019	2021	Pacific Ocean - North	Common dolphin	EEZ, California	-	-	-	-	-	-	-	-	1	-	-	-	CA swordfish drift gillnet fishery	[GND]	Observer or inspector	PR/C/1385   J. Greenman (as above)	
PR/R/23726	2018	2021	Atlantic Ocean - North	Common dolphin		-	-	-	-	-	-	-	-	101	-	-	-	-	[GN]	Observer or inspector	PR/C/1472   C. Orphanides ( <a href="mailto:chris.orphanides@noaa.gov">chris.orphanides@noaa.gov</a> )	PR/B/950 Note 1
PR/R/23729	2018	2021	Atlantic Ocean - North	Common dolphin		-	-	-	-	-	-	-	-	228	5	-	-	-	[TBB]	Observer or inspector	PR/C/1469   M. Lysikatos ( <a href="mailto:marjorie.lysikatos@noaa.gov">marjorie.lysikatos@noaa.gov</a> )	As above
PR/R/23735	2018	2021	Atlantic Ocean - North	Harbour porpoise		-	-	-	-	-	-	-	-	92	-	-	-	-	[GN]	Observer or inspector	PR/C/1472   C. Orphanides ( <a href="mailto:chris.orphanides@noaa.gov">chris.orphanides@noaa.gov</a> )	As above

Note 1. Estimates of cetacean and pinniped bycatch in the 2018 New England sink gillnet fishery and mid-Atlantic gillnet fisheries. Orphanides, C.D. Published.

ID	Explanation
<b>USA 2018/19 - notes</b>	
PR/R/20720	01/11/2019: observer program.
PR/R/20723	01/11/2019: observer program.
PR/R/20726	01/13/2019: observer program.
PR/R/20729	01/13/2019: observer program.
PR/R/20732	01/13/2019: observer program.
PR/R/20735	01/21/2019: observer program.
PR/R/20738	01/21/2019: observer program.
PR/R/20741	01/27/2019: observer program.
PR/R/20744	01/27/2019: observer program.
PR/R/20747	02/01/2019: one of two dolphins stranding dead on consecutive days in same area with entanglement evidence.
PR/R/20750	02/15/2019: two 0.5 wide impressions crossing over rostrum. Consistent with gillnet entanglement.
PR/R/20753	02/02/2019: one of two dolphins stranding dead on consecutive days in same area with entanglement evidence.
PR/R/20756	03/22/2019: lower teeth loose and missing; bloody foam in trachea; hemorrhage below tongue on lower jaw; line marks along dorsal peduncle; some skin scavenging on head and body. Excellent body condition otherwise. Injuries consistent with drowning in gillnet.
PR/R/20759	04/29/2019: incisions from axillary to anus exposing abdominal cavity. Consistent with injuries resulting from cutting animal out of net.
PR/R/20762	05/04/2019: missing fluke, cut off.
PR/R/20765	06/16/2019: fluke blades cleanly cut off, as if with a knife. Also several mono-filament net wounds and some mono-filament still visible on the animal. No stranding response initiated.
PR/R/20768	06/16/2019: flukes cut off and linear impressions around mandible. Level A data collated through phone conversation and photos sent by reporting mariner.
PR/R/20771	06/22/2019: two linear impressions across right tail stock, full stomach, and robust body condition indicate this to be a fishery interaction. Lactating.
PR/R/20774	07/17/2019: linear impressions across rostrum, head, dorsal fin, amputated flukes.
PR/R/20777	08/16/2019: linear impressions along ventral rostrum, pectoral and dorsal fins, across flank, and both fluke lobes amputated.
PR/R/20780	08/19/2019: animal had good body condition; there were signs of trauma which included net marks, blood in the thoracic cavity, and rib marks on the lungs.
PR/R/20783	08/05/2019: good body condition; tremendous amount of white foam coming from blowhole when first stranded; tremendous amount of foam in bronchi and lungs at time of necropsy; there was a deep gaff cut on head; eyes were bloody and areas of trauma on body, including rib marks on lungs; mild amount of blood in thoracic cavity; broken ribs; severe neutrophilic pneumonia on histopathology; gastric nematodiasis and ulceration were also noted, with associated proliferative cutaneous lesions.
PR/R/20786	08/09/2019: amputation of left fluke lobe, linear impressions across mandible, rostrum, pectoral and dorsal fin.
PR/R/20789	10/20/2019: linear impressions/ lacerations appear to have started to healed area of abrasions/ linear impression around rostrum and lower lip, dorsal fin and flukes. See drawings for specific locations. Justification: based on the linear impression around rostrum, lower jaw dorsal and fluke. It confirms porpoise was recently entangled but suspect the likely release alive. Suspect died to injuries and suspect capture myopathy 1-3 days later.
PR/R/20792	11/07/2019: lethargic dolphin entangled in yellow 3/8 in polypro line, entangled around its mouth, back and pectoral flippers. It was dragging a mass of line behind it. After a few head thrashes by the dolphin, and some cutting of the line by the crew, the dolphin was eventually freed from the rope entanglement. The crew (Austin and Devin) were able to cut the animal free and release it unharmed with direction and boat handling skills by Captain Dave.
PR/R/20795	11/07/2019: observer program.
PR/R/23726	10 observed dead in NE sink gillnet extrapolated to 93, 1 observed dead in mid-Atlantic gillnet extrapolated to 8.
PR/R/23729	4 observed dead in NE bottom trawl extrapolated to 28; 34 observed dead in mid-Atlantic bottom trawl extrapolated to 200; 1 observed serious injury in mid-Atlantic bottom trawl extrapolated to 5 animals.
PR/R/23735	9 observed dead extrapolated to 92.

### FAO Gear Codes used in the tables above

[FPO] TRAPS - Pots
[GN] GILLNETS AND ENTANGLING GEAR - Gillnets (not specified)
[GND] GILLNETS AND ENTANGLING GEAR - Driftnets
[GNS] GILLNETS AND ENTANGLING GEAR - Set gillnets (anchored)
[LL] HOOKS AND LINES - Longlines (not specified)
[LLD] HOOKS AND LINES - Drifting longlines
[LLS] HOOKS AND LINES - Set longlines
[NK] GEAR NOT KNOWN OR NOT SPECIFIED
[NSC] SHARK CONTROL NETS
[OT] MIDWATER TRAWLS - Otter trawls (not specified)
[PS1] SURROUNDING NETS - One-boat operated purse seines,
[PS2] SURROUNDING NETS - Two-boat operated purse seines
[RG] RECREATIONAL FISHING GEAR,
[TBB] TRAWLS - Bottom trawls
[TM] MIDWATER TRAWLS - Midwater trawls (not specified)

**(iv) Vessel Strikes of Small Whales**

ID	Data year	Year submitted	Large Area	Species	Local Area	Local Taxonomy	Local Area (Long/Lat)	Total Indiv.: Dead	Total Indiv.: Seriously Injured	Total Indiv.: Injured	Total Indiv.: Unknown	National Ship Strike Database	Submitted to IWC	Contacts	Explanation
<b>Australia</b>															
PR/R/20357	2020	2021	Southern Ocean	Indo-Pacific bottlenose dolphin	West Beach, Gulf St Vincent, SA	<i>Tursiops aduncus</i>	34 56 38 S 138 30 02 E	1	-	-	-	No	Yes	PR/C/573   C. Kemper (South Australian Museum) ( <a href="mailto:Catherine.Kemper@samuseum.sa.gov.au">Catherine.Kemper@samuseum.sa.gov.au</a> )	Washed up dead with at least 5 clear propeller cuts on body. Intestines protruding. Buried at site.
PR/R/20360	2020	2021	Southern Ocean	Indo-Pacific bottlenose dolphin	Port River, Gulf St Vincent, SA	<i>Tursiops aduncus</i>	34 49 28 S 138 30 42 E	1	-	-	-	No	Yes	PR/C/573   C. Kemper (as above)	Found floating dead with deep laceration on body (SAM post-mortem).
PR/R/20432	2020	2021	Southern Ocean	Common dolphin	Freycinet Peninsula		148.3003/- 42.1312	1	-	-	-	No	No	PR/C/1382   K. Carlyon ( <a href="mailto:kris.carlyon@dipwve.tas.gov.au">kris.carlyon@dipwve.tas.gov.au</a> )	Note 1.
Note 1: Common dolphin found floating adjacent to Hazards Beach. Assessment is that this is likely a calf that has suffered a boat strike during a busy period of recreational boat traffic in the area. Physical inspection showed juvenile (1,120mm) DDEL with severe impact injuries to upper and lower jaw. Multiple fractures and lower jaw extremely flexible with fractures palpable.															

ID	Data year	Year submitted	Large Area	Species	Local Area	Local taxonomy	Local Area (Long/Lat)	Total Individuals: Dead	Total Individuals: Seriously Injured	Total Individuals: Injured	Total Individuals: Unknown	National Ship Strike Database	Submitted to IWC	Contacts
<b>Netherlands</b>														
PR/R/23057	2020	2021	Atlantic Ocean - North	Northern bottlenose whale	Dutch North Sea	Noordelijke Butskop	51.81405, 2.51367	2	-	-	-	No	No	PR/C/1352   L. IJsseldijk ( <a href="mailto:L.L.IJsseldijk@uu.nl">L.L.IJsseldijk@uu.nl</a> ) PR/C/1355   G. Kuijl ( <a href="mailto:guido.keijl@ncbnaturalis.nl">guido.keijl@ncbnaturalis.nl</a> )
PR/R/23060	2020	2021	Atlantic Ocean - North	Common bottlenose dolphin	Dutch North Sea	Tuimelaar	52.43458, 3.96387	1	-	-	-	No	No	PR/C/1352   L. IJsseldijk ( <a href="mailto:L.L.IJsseldijk@uu.nl">L.L.IJsseldijk@uu.nl</a> ) PR/C/1355   G. Kuijl ( <a href="mailto:guido.keijl@ncbnaturalis.nl">guido.keijl@ncbnaturalis.nl</a> )
PR/R/23063	2020	2021	Atlantic Ocean - North	Harbour porpoise	Dutch North Sea	Bruinvis	52.26950, 3.78149	2	-	-	-	No	No	PR/C/1352   L. IJsseldijk ( <a href="mailto:L.L.IJsseldijk@uu.nl">L.L.IJsseldijk@uu.nl</a> )

ID	References	Explanation
<b>Netherlands - notes</b>		
PR/R/23057	PR/B/926   Jaaroverzicht walvisstrandingen 2020. G. Keijl   Published.	Information on ship-strikes were derived from post-mortem examinations. Both animals stranded (dead) after a sequence of sightings, and showed clear signs of collision with propellers.
PR/R/23060	PR/B/926   Jaaroverzicht walvisstrandingen 2020. G. Keijl   Published.	Information on ship-strikes were derived from post-mortem examinations. Animal stranded dead after a series of sightings, even in the harbour of Amsterdam, after which it was 'tricked' out to open sea again. Animal was known as Zafar since 2017, living off the coast of France. It stranded dead, with clear signs of collision with a propeller.
PR/R/23063	PR/B/932   IJsseldijk, L.L., M.J.L. Kik, van Schalkwijk, L. & A. Gröne. 2021. Post-mortem research on porpoises ( <i>Phocoena phocaena</i> ) from Dutch waters, 2020. Biological data, health status and causes of death. Statutory Research Tasks Unit for Nature; the Environment (WOT Natuur and Milieu).   IJsseldijk, L.L., van Schalkwijk, L., M.J.L. Kik and A. Gröne. 2021. Unpublished.	Information on ship-strikes were derived from post-mortem examinations. In 2020, 49 dead harbour porpoises were examined: 27 males and 22 females, 28 adults, 9 juveniles and 12 neonates. Most of the examined harbour porpoises died as a result of infectious diseases (18.4%) and grey seal attacks (20.4%), followed by trauma (12.2%). Two adult harbour porpoises died of famine (4%). Bycatch was the assumed cause of death for one male animal (2%). One animal presumably stranded after a grey seal attack, but died due to stab trauma (after having been found on the beach alive but wounded, an unknown bypasser had wanted to end its suffering), and another died during birth (both under 'other causes', 4%). The cause of death for one harbour porpoise remained unknown. Of the 6 animals that died of trauma, for two the trauma could be traced back to a likely ship strike. One of them was a calf, with the fluke amputated. At two other sites on its flank there were deep cuts in the same direction as the amputation. The other animal was a juvenile female. This porpoise had an amputated lower jaw, broken palate, broken ribs, a laceration on the throat side and a dislocated shoulder. Although, based on a sharp trauma, presumably a collision with a ship's propeller was the cause of death, very serious internal inflammations were found: an abscess of approximately 10x10x10cm involving both the lungs and ribs. The cause was a fungal infection. We estimate the chance that this animal would have survived this infection if it had not collided with a ship as very small. There is no specific ship-strike database, this information is stored in the post-mortem database at the University of Utrecht.

ID	Data year	Year submitted	Large Area	Species	Total Individuals: Dead	Total Individuals: Seriously Injured	Total Individuals: Injured	Total Individuals: Unknown	National Ship Strike Database	Submitted to IWC	Contacts	References	Explanation
<b>UK</b>													
PR/R/24494	2020	2021	Atlantic Ocean - North	Common bottlenose dolphin	1	0	0	0	Unknown	Unknown	PR/C/247   R. Deaville ( <a href="mailto:rob.deaville@ioz.ac.uk">rob.deaville@ioz.ac.uk</a> )	PR/B/962   CSIP Annual Report to UK Government for 2020   Deaville, R. (compiler)   Unpublished	Diagnosed from necropsy within UK strandings programme.

ID	Data year	Year submitted	Large Area	Species	Local Area	Total Individuals: Dead	Total Individuals: Seriously Injured	Total Individuals: Injured	Total Individuals: Unknown	National Ship Strike Database	Submitted to IWC	Contacts
<b>USA 2019</b>												
PR/R/22835	2019	2021	Pacific Ocean - North	Harbour porpoise	San Juan County, Washington	1	-	-	-	Yes	Unknown	PR/C/1385   J. Greenman ( <a href="mailto:justin.greenman@noaa.gov">justin.greenman@noaa.gov</a> )
PR/R/23723	2019	2021	Atlantic Ocean - North	Common bottlenose dolphin		12	-	1	-	Unknown	Unknown	PR/C/34   M. Garron ( <a href="mailto:mendy.garron@noaa.gov">mendy.garron@noaa.gov</a> )
<p>Note for PR/R/22835: 06/26/2019: dead fresh harbor porpoise with evidence of extensive injury from prop wound. Most skin and blubber missing from back of skull to dorsal fin. Linear cuts present under left pectoral fin ~13.5cm, dorso-caudal to mid thorax 33cm, then cranial ?19.5cm, then caudal of right dorsal 19cm, then cranial to right pectoral fin ~21cm. Scavenging along flukes and face, likely post mortem. Eyes significant clean-cut wound wrapping around upper body with most of skin and blubber missing from behind the head to the dorsal fin. Multiple lesions on lower half of body, though minor in comparison. Suspected propeller strike. Dead fresh harbor porpoise with evidence of extensive injury from prop wound. Most skin and blubber missing from back of skull to dorsal fin. Linear cuts present under left pectoral fin ~13.5cm, dorso-caudal to mid thorax 33cm, then cranial ?19.5cm, then caudal of right dorsal 19cm, then cranial to right pectoral fin ~21cm.</p>												