

The following document contains information pertaining to whale entanglements along the U.S. West Coast. NOAA Fisheries Southwest Fisheries Science Center and NOAA Fisheries West Coast Region Protected Resources Division prepared the narrative and subsequent spreadsheet, respectively, at the request of Oceana and the Center for Biological Diversity. Additional background information is available at <https://swfsc.noaa.gov/publications/TM/SWFSC/NOAA-TM-NMFS-SWFSC-514.pdf> and <https://swfsc.noaa.gov/publications/TM/SWFSC/NOAA-TM-NMFS-SWFSC-533.pdf>.

This information is being shared with the California Dungeness Crab Task Force (DCTF) at the request of Oceana to inform the public comment period of the April 20, 2015 DCTF Executive Committee conference call. This document does not necessarily represent the views of the DCTF or Oceana, and has been circulated to the DCTF for discussion purposes only.

Marine Mammal Fisheries Interaction Data

Caveats regarding records of Large Whale Entanglement Reported on the U.S West Coast 2000-2014

The attached spreadsheet contains records of any large whale reported to the NMFS West Coast Regional Office as entangled in some type of gear, both fishing and non-fishing, from 2000-2014. Incidents of whale entanglements are reported opportunistically by a variety of sources, including State and Federal government representatives, mariners, and other private citizens. Whale entanglements are also documented by fishery observers. The entanglement records are reviewed and evaluated for accuracy, including additional follow-up with the reporting entities and/or originating source of gear by the NMFS Marine Mammal Stranding Program staff, as appropriate.

We are providing the records in our database for reported whale entanglements and the information reported to us on the fate of the animal, including whether gear was removed. NMFS Science Centers evaluate these reports to determine the level of human caused serious injury/mortality (SI/M) for marine mammals using the NMFS Protected Resources Management Process for Distinguishing Serious from Non-Serious Injury of Marine Mammals (Andersen 2012) and reports these determinations in the Marine Mammal Stock Assessment Reports (available at <http://www.nmfs.noaa.gov/pr/sars/>). Therefore, the NMFS WCR office is not providing an evaluation of SI/M for the records provided here.

It should be noted that because the method of reporting is opportunistic, it is always a challenge to obtain all the important information that would allow us to fully evaluate any reported entanglement. However, the level and quality of information in our records has increased significantly over time, which is likely a reflection of the increased awareness by the public to report the type of information needed to help NMFS evaluate these reports. Importantly, it should also be noted that the level of detail associated with the data recorded for each entanglement may not be comparable among all records.

The date and location fields describe the initial observation report. Gear type refers to the general type of gear associated with a reported entanglement, if known. The associated fishery or other activity associated with the origin of the gear is provided, if known. Reports listed as “Unk crab fishery” likely reflect a more general assessment of information that was provided at the time, and may not be as accurate as determinations being made in more recent years. It is important to keep in mind that some of these entanglement reports may actually represent a resighting of the same animal/entanglement at a later time that we were unable to identify as related to the original sighting, although efforts are made

to assess each large whale entanglement report for potential relationships with previous reports. When we have evidence confirming entanglements as a resight, those reports are treated as one entanglement record. With respect to observation condition or fate, we note animals that were last observed alive and not subsequently known to be found dead later. If an animal was originally reported as alive and subsequently observed/reported dead, it is recorded here as dead. Thus, an entry of “Alive; Not Found Dead” is a reflection of the report given at that time, not necessarily of the overall fate of the animal. We also note whether the animal was successfully disentangled, including instances of self-release, if known.

In the past, some reports were characterized in terms of confidence levels: C - high, medium, or minimum. Beginning in 2013, NMFS began more closely tracking large whale entanglement reports on west coast as confirmed/unconfirmed (Con/Unc) reports, based on the level of information provided (e.g., pictures) and professional judgment of the reporting details and/or party. This information is provided here for your general reference as to how we are assessing the reporting process and the level of information that comes to the Stranding Program. However, all reports continue to be evaluated for SI/M determinations through the same process described above.

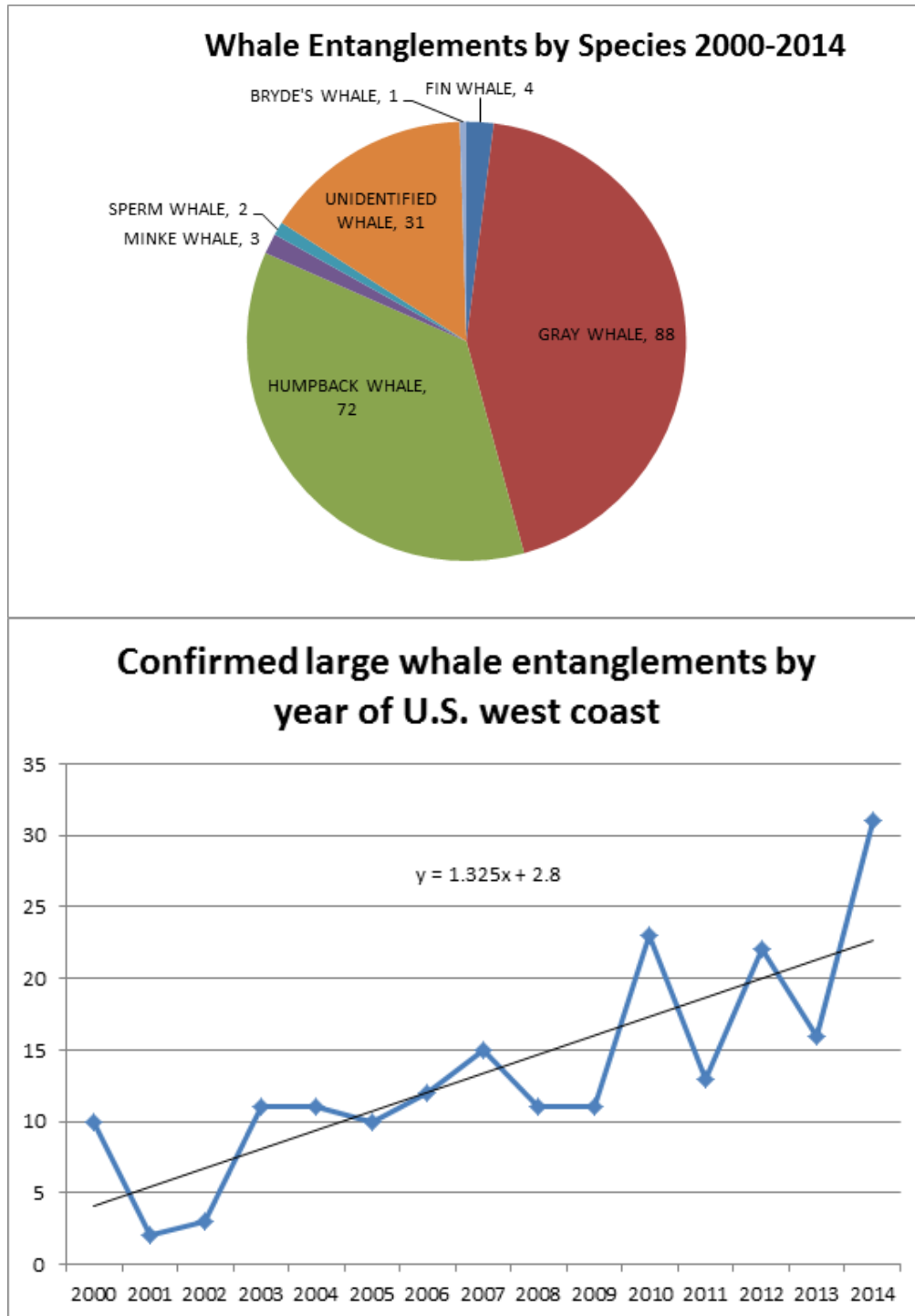
General Comments from NOAA on Whale Entanglement

In the last few years, NMFS has spent considerable effort trying to increase awareness about large whale entanglements reporting to improve the level of detail provided, especially for the purposes of helping to better identify and understand the origins of these entanglements. While reports of entanglements have been higher in some recent years, it is likely that outreach efforts to educate people on reporting are also contributing to the recent increase in reporting. The NMFS Stranding Program has also been working hard to increase the capacity along the U.S. west coast to coordinate disentanglement response efforts, where possible. These efforts, even when disentanglement response is not successful, have also contributed significantly towards recent improvements in obtaining more detailed information regarding the nature/origin of the entanglements.

We acknowledge that the number of reported entanglements is likely an underestimate of the actual number of entanglements that occur because many animals may not be observed or reported or may die at sea and never strand. However, NMFS does not have an estimate on the number of whale entanglements that occur beyond the number that have been recorded in our database that we have provided, nor does NMFS have an estimate for the percentage of entanglements that result in SI/M for any species. At this time, the NMFS Marine Mammal Stock Assessment Reports (and supporting documentation) provide the best information on SI/M determinations for large whales on the U.S. west coast. We acknowledge that there is published information suggesting that a relatively large percentage of certain whale species show evidence of entanglement, but it is not known what the long-term impacts may be from any entanglement. We caution against the use of the data we have provided to produce estimates of whale SI/M beyond what has been evaluated through the NMFS Protected Resources Management Process for Distinguishing Serious from Non-Serious Injury of Marine Mammals (Andersen 2012), or use of the data to attempt to estimate the total number of entanglements that may

occur each year in the absence of further information that could provide the basis for such an estimation.

Figures compiled by Oceana from the enclosed data:



Large Whale Entanglements Data Request (2000-2014), NOAA Fisheries

Made available to the California Dungeness Crab Task Force, April 2015. For an excel version of the table below, please contact info@dungenesscrabtaskforce.com.

Date first observed	Common Name	Genus	Species	State	Location	Gear Type ⁽¹⁾	Fishery ⁽¹⁾	Observation condition or fate ⁽²⁾	Disentangled?	Confidence/ Confirmed ⁽³⁾
4/12/08	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	12 MILES WEST OF EEL RIVER, EUREKA	POT	AK Red King Crab	Alive; not found dead		
8/17/10	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	1.5 MILES OFFSHORE NAVARRO RIVER	POT	Crab	Alive; not found dead	Disentangled	
8/16/10	HUMPBACK WHALE	Megaptera	novaeangliae	OR	Lincoln County; about 15 miles sw of Newport in the south end of the Stonewall Bank Yelloweye Rockfish Conservation Area (YRCA)	POT	Crab	Dead		C- Medium
6/27/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	OR	Langlois	POT	Crab	Dead		
9/4/13	GRAY WHALE	Eschrichtius	robustus	WA	1st Sighting - Cape Flattery, WA followed South to Wa'atch Point. 2nd Sighting - Seal Rock 48 21.7' N, 124 33.4' W	POT	Crab-tribal	Alive; not found dead	Disentangled	Con
2/21/05	GRAY WHALE	Eschrichtius	robustus	OR	Lincoln County; DEPOE BAY; between Depoe Bay and Yaquina Head (Newport)	POT	Crab-WA	Alive; not found dead	Disentangled	C - Medium
1/31/03	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE MORRO BAY	POT	Dungeness crab	Alive; not found dead		
8/31/03	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	4 MILES WEST OF FARALLON ISLANDS, IN SHIPPING LANE, SAN FRANCISCO	POT	Dungeness crab	Alive; not found dead		
12/11/05	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	GULF OF THE FARALLONES NATIONAL MARINE SANCTUARY, 18 MILES OFFSHORE SAN FRANCISCO	POT	Dungeness crab	Alive; not found dead		
5/10/08	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE MOSS LANDING	POT	Dungeness crab	Alive; not found dead		
9/1/08	UNIDENTIFIED WHALE			CA	300 YARDS OFFSHORE VENTURA	POT	Dungeness crab	Alive; not found dead		
4/17/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	4/17/2012 - LAGUNA BEACH; 4/25/2012 - NORTH OF GORDA, CA; 5/3/2012 - 3.5 MILES OFF COAST OF BODEGA BAY	POT	Dungeness crab	Alive; not found dead	Partial disentanglement; then resighted and disentangled	
5/8/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	HUMBOLDT BAY	POT	Dungeness crab	Alive; not found dead	Disentangled	
5/11/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Marin County	POT	Dungeness crab	Alive; not found dead	Disentangled	
4/18/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	SAN FRANCISCO, NEAR CLIFF HOUSE RESTAURANT	POT	Dungeness crab	Alive; not found dead	Rescue team found gear; presumed self-release	Con
7/16/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Marin County; SOUTH BEACH, POINT REYES; South Beach, 500 yards S of of main beach parking lot (Point Reyes National Seashore)	POT	Dungeness crab	Dead		C - High
4/27/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MONTEREY BAY	POT	Dungeness crab	Alive; not found dead	Disentangled	Con
5/22/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	Los Angeles County; SAN CLEMENTE ISLAND; approx. 1 mile off west side of island, just south of Flasher Rd. terminus	POT	Dungeness crab	Dead		C- Minimum
6/30/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	San Nicolas Island	POT	Dungeness crab	Dead		Con
8/28/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MOSS LANDING, CA	POT	Dungeness crab	Alive; not found dead	self release	Con
4/20/03	GRAY WHALE	Eschrichtius	robustus	OR	Tillamook County; CAPE LOOKOUT STATE BEACH; N of Cape Lookout campground	POT	Dungeness crab	Dead		C - High
5/14/06	GRAY WHALE	Eschrichtius	robustus	OR	Coos County; LAKESIDE; just north of 10 Mile Creek	POT	Dungeness crab	Dead		C - High
5/20/06	HUMPBACK WHALE	Megaptera	novaeangliae	OR	Coos County; CHARLESTON; initially sighted alive and entangled 3 miles south of Simpson Reef; found dead 5/28/06 on beach near Gardiner, 2.5 miles south of Sparrow Park Rd.	POT	Dungeness crab	Dead		C- Medium
4/20/07	GRAY WHALE	Eschrichtius	robustus	OR	Lincoln County; NEWPORT; about 4 miles NW of Yaquina Bay jetties	POT	Dungeness crab	Alive; not found dead	Disentangled	C- Medium
8/16/07	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	OR	DEPOE BAY	POT	Dungeness crab	Dead		
8/16/07	HUMPBACK WHALE	Megaptera	novaeangliae	OR	Lincoln County; 2 miles west of Depoe Bay	POT	Dungeness crab	Dead		C- Medium
8/31/10	HUMPBACK WHALE	Megaptera	novaeangliae	OR	.75 mi. S of Coos Bay, OR ~1 mi. W of Simpson's Reef Came ashore .5 mi S of Cut's Creek	POT	Dungeness crab	Dead		
5/19/12	GRAY WHALE	Eschrichtius	robustus	OR	GOLD BEACH, OR; NEAR SHORE IN APPROXIMATELY 50 FEET OF WATER NORTH AND WEST OF ROGUE RIVER MOUTH	POT	Dungeness crab	Alive; not found dead	Partial disentanglement; Almost all gear removed	
5/19/12	GRAY WHALE	Eschrichtius	robustus	OR	GOLD BEACH, OR; NEAR SHORE IN APPROXIMATELY 50 FEET OF WATER NORTH AND WEST OF ROGUE RIVER MOUTH	POT	Dungeness crab	Alive; not found dead		
5/6/14	HUMPBACK WHALE	Megaptera	novaeangliae	OR	Entrance to Grays Harbor, WA @ 46 56.6 N and -124 17.0 W	POT	Dungeness crab	Alive; not found dead	Disentangled	Con
5/27/06	GRAY WHALE	Eschrichtius	robustus	WA	Grays Harbor; Ocean City Beach entrance, Quinalt	POT	Dungeness crab	Dead		C - High
5/18/08	HUMPBACK WHALE	Megaptera	novaeangliae	WA	5/18/2008=Tofino, Vancouver Island, BC 6/16/2008=Victoria, Vancouver Island, BC 7/15/2008=Strait of Juan de Fuca	POT	Dungeness crab	Alive; not found dead		
5/31/08	HUMPBACK WHALE	Megaptera	novaeangliae	WA	TORFINO, BC	POT	Dungeness crab	Alive; not found dead	Partial disentanglement	

Date first observed	Common Name	Genus	Species	State	Location	Gear Type ⁽¹⁾	Fishery ⁽¹⁾	Observation condition or fate ⁽²⁾	Disentangled?	Confidence/Confirmed ⁽³⁾
5/13/10	HUMPBACK WHALE	Megaptera	novaeangliae	WA	DESTRUCTION ISLAND	POT	Dungeness crab	Alive; not found dead	Partial disentanglement; presumed self release	
6/19/10	HUMPBACK WHALE	Megaptera	novaeangliae	WA	~18 MILES WEST OF LA PUSH	POT	Dungeness crab	Alive; not found dead		
3/4/14	UNIDENTIFIED			OR	Tillamook County;Cape Lookout State Park	POT	King crab	Alive; not found dead		
2/1/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	SAN DIEGO BAY	POT	Lobster	Alive; not found dead		
4/4/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Santa Barbara; 300 METERS NORTH OF TRAIL ACCESS TO SURF BEACH FROM OCEAN ROAD, VANDENBERG AIRFORCE BASE	POT	Lobster	Dead		
1/17/04	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE PT. LA JOLLA	POT	Lobster	Alive; not found dead		
3/28/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	3 MILES SOUTH OF ANGEL'S GATE, PORT OF LOS ANGELES	POT	Lobster	Alive; not found dead		Con
8/25/11	HUMPBACK WHALE	Megaptera	novaeangliae	WA	SAN JUAN ISLAND, WA	POT	Rec Crab	Alive; not found dead		
3/27/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	POINT DUME, MALIBU	POT	Rock crab	Alive; not found dead		
10/11/14	HUMPBACK WHALE	Megaptera	novaeangliae	OR	NEWPORT, OR 45d 51.9" N x 124d 42.3" W	POT	Sablefish	Dead		Con
9/24/05	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	1 MILE WEST OF MOSS LANDING, 0.5 MILES OFFSHORE	POT	Spot Prawn	Alive; not found dead		
6/5/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	SANTA BARBARA CHANNEL	POT	Spot Prawn	Alive; not found dead	Disentangled	Con
9/13/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFF MOSS LANDING, MONTEREY BAY, CA	POT	Spot Prawn	Alive; not found dead	Partial disentanglement; then whale self-released	Con
9/20/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MONTEREY BAY, CA	POT	Spot Prawn	Alive; not found dead	Partial disentanglement; then whale self-released	Con
3/28/01	UNIDENTIFIED WHALE			CA	OUTSIDE FORT BRAGG HARBOR	POT	Unk Crab	Alive; not found dead		
9/23/01	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	9/23/2001 - 8 MILES OFFSHORE POINT BONITA; 9/30/2001 - 1.5 MILES OFFSHORE OCEAN BEACH; 10/7/2001 - 2.5 MILES OFFSHORE POINT BONITA, MARIN HEADLANDS	POT	Unk Crab	Alive; not found dead		
3/25/03	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	2.5 MILES OFF SAN MATEO POINT	POT	Unk Crab	Alive; not found dead		
3/29/03	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	4 MILES OFFSHORE MONTEREY	POT	Unk Crab	Alive; not found dead		
8/12/05	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFF FRASER PT., BETWEEN SANTA CRUZ ISLAND & SANTA ROSA ISLAND	POT	Unk Crab	Alive; not found dead		
7/3/07	UNIDENTIFIED WHALE			CA	1-2 MILES OFFSHORE, NORTH OF FORT BRAGG	POT	Unk Crab	Alive; not found dead		
7/16/11	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	APPROXIMATELY 11 NMI OFF HALF MOON BAY, CA	POT	Unk Crab	Alive; not found dead		
8/25/11	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	3 MILES S OF PILLAR POINT HARBOR MOUTH	POT	Unk Crab	Alive; not found dead		
10/1/11	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	HURST SHOAL, JUST SOUTH OF THE FARALLON ISLANDS	POT	Unk Crab	Alive; not found dead		
4/28/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	FORT BRAGG	POT	Unk Crab	Alive; not found dead		
5/13/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	DILLON BEACH NEAR BODEGA BAY; RESPONSE ON 5/14/2012	POT	Unk Crab	Alive; not found dead		
6/24/12	UNIDENTIFIED WHALE			CA	DILLON BEACH NEAR BODEGA BAY	POT	Unk Crab	Alive; not found dead		
10/17/12	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	RODEO BEACH	POT	Unk Crab	Alive; not found dead		
4/12/04	GRAY WHALE	Eschrichtius	robustus	OR	TILLAMOOK, OR; Off shore Tillamook	POT	Unk Crab	Alive; not found dead		C - Medium
4/16/10	GRAY WHALE	Eschrichtius	robustus	OR	SEASIDE, CLATSOP BEACH, NORTH OF GEARHART; 2.2 miles north of Sunset Beach access	POT	Unk Crab	Dead		C- High
5/7/10	GRAY WHALE	Eschrichtius	robustus	OR	Lincoln County; Newport; CAPE FOULWEATHER; 10 miles NW of Newport, about 3 miles offshore	POT	Unk Crab	Alive; not found dead		C- Medium
7/12/12	HUMPBACK WHALE	Megaptera		OR	Netarts, OR 45.434333, -124.140833	POT	Unk Crab	Alive; not found dead	Partial disentanglement	
5/13/13	GRAY WHALE	Eschrichtius	robustus	OR	BROOKINGS	POT	Unk Crab	Alive; not found dead		
5/18/03	Gray Whale	Eschrichtius	robustus	WA	Clinton, WA	POT	Unk Crab	Alive; not found dead		
5/29/04	Gray Whale	Eschrichtius	robustus	WA	Ocean City, WA	POT	Unk Crab	Alive; not found dead		
7/5/08	HUMPBACK WHALE	Megaptera	novaeangliae	WA	Clallam County; SEIKU; off Chito Beach	POT	Unk Crab	Alive; not found dead		C - High
8/14/11	HUMPBACK WHALE	Megaptera	novaeangliae	WA	~ 20 miles off Westport, WA	POT	Unk Crab	Alive; not found dead		
3/16/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	SAN CLEMENTE PIER AREA, SAN CLEMENTE	POT		Alive; not found dead		
5/27/03	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	SANTA BARBARA CHANNEL	POT		Alive; not found dead		
3/24/04	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	1 MILE OFFSHORE PILLAR POINT HARBOR, HALF MOON BAY	POT		Alive; not found dead		
6/29/06	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	100 YARDS OFFSHORE HALF MOON BAY	POT		Alive; not found dead		
8/31/06	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	8/31/2006 - 3 MILES OFFSHORE STILLWATER COVE, PEBBLE BEACH; 9/3/2006 - 5 MILES OFFSHORE CARMEL BAY, CARMEL	POT		Alive; not found dead		
4/7/07	UNIDENTIFIED WHALE			CA	OFF BODEGA HEAD, BODEGA BAY	POT		Alive; not found dead		
6/14/07	UNIDENTIFIED WHALE			CA	1 MILE OFFSHORE DAVENPORT	POT		Alive; not found dead		

Date first observed	Common Name	Genus	Species	State	Location	Gear Type ⁽¹⁾	Fishery ⁽¹⁾	Observation condition or fate ⁽²⁾	Disentangled?	Confidence/Confirmed ⁽³⁾
6/27/07	UNIDENTIFIED WHALE			CA	2 MILES OFFSHORE SALINAS RIVER MOUTH	POT		Alive; not found dead		
7/10/07	UNIDENTIFIED WHALE			CA	OFF SCOTCHMAN'S COVE, SOUTH OF NEWPORT HARBOR	POT		Alive; not found dead		
8/5/08	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	SANTA BARBARA CHANNEL	POT		Alive; not found dead		
8/26/08	UNIDENTIFIED WHALE			CA	250 YARDS OFFSHORE PACIFICA	POT		Alive; not found dead		
1/31/09	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	3 MILES OFF POINT LOMA	POT		Alive; not found dead		
6/25/13	GRAY WHALE	Eschrichtius	robustus	CA	Point Reyes	POT		Dead		
8/20/11	HUMPBACK WHALE	Megaptera	novaeangliae	WA	Possession Bar, Mukilteo, WA	POT		Alive; not found dead		
8/25/05	Gray Whale	Eschrichtius	robustus	WA	Cape Flattery, WA @48-08N,125-21W	HOOK/LINE	Salmon	Alive; not found dead		
11/15/04	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	13 MILES SOUTH OF SAN CLEMENTE ISLAND	NET	Drift gillnet	Alive; not found dead	Disentangled	
1/1/05	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	SOUTHWEST OF SAN CLEMENTE ISLAND	NET	Drift gillnet	Alive; not found dead		
1/18/09	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	48 MILES OFFSHORE POINT LOMA	NET	Drift gillnet	Alive; not found dead		
12/5/10	SPERM WHALE	PHYSETER	MACROCEPHALUS	CA	OFF MEXICO, WITHIN US EEZ	NET	Drift gillnet	Dead		
12/5/10	SPERM WHALE	PHYSETER	MACROCEPHALUS	CA	OFF MEXICO, WITHIN US EEZ	NET	Drift gillnet	Alive; not found dead	Partial disentanglement	
12/18/11	MINKE WHALE	Balaenoptera	ACUTOROSTRATA	CA	Offshore	NET	Drift gillnet	Alive; not found dead; Alive	Disentangled	
8/22/04	UNIDENTIFIED WHALE			CA	0.5 MILE OFFSHORE MORRO BAY	NET	Set gillnet	Alive; not found dead		
6/24/09	GRAY WHALE	Eschrichtius	robustus	WA	Clallam County; NEAH BAY; Off shore jetty/ mid jetty	NET	Set gillnet	Alive; not found dead	Suspected animal self released	C- Medium
8/13/04	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	8/13/2004 - OFFSHORE PT. LOMA; 8/19/2004 - OFFSHORE CARLSBAD, 3/4 MILE WEST OF BATAQUITOS LAGOON, CARLSBAD	NET	Unk Gillnet	Alive; not found dead		
4/2/07	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFF PALOS VERDES POINT, RANCHO PALOS VERDES	NET	Unk Gillnet	Alive; not found dead		
5/10/07	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE DANA POINT	NET	Unk Gillnet	Alive; not found dead		
3/25/09	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE SEAL BEACH	NET	Unk Gillnet	Alive; not found dead		
5/11/10	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Orange County; DANA POINT HARBOR	NET	Unk Gillnet	Alive; not found dead		
3/24/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	DANA HARBOR, CA	NET	Unk Gillnet	Alive; not found dead	Disentangled	
10/13/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	MACKERRICHER STATE PARK, JUST OUTSIDE THE SURF ZONE	NET	Unk Gillnet	Alive; not found dead		
6/25/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	HUMBOLDT; Fermdale; Centerville Beach; 1.5 miles south of Eel River mouth	NET	Unk Gillnet	Dead		C- Medium
9/2/14	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	LONG BEACH, CA	NET	Unk Gillnet	Alive; not found dead	partially disentangled	Con
3/30/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Orange County; Seal Beach; 0.5 MILES OFF LONG BEACH BREAKWATER; ANAHEIM BAY, SEAL BEACH NAVAL WEAPONS STATION	NET	White sea bass	Dead		
7/7/00	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	7 MILES NORTH OF POINT PINOS, MONTEREY	NET		Alive; not found dead		
7/16/00	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	FARALLON ISLANDS, SAN FRANCISCO	NET		Alive; not found dead		
8/30/00	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	5 MILES OFFSHORE GROVER BEACH, GROVER CITY	NET		Alive; not found dead		
2/26/05	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	4 MILES SOUTHEAST OF L.A. LIGHT, LONG BEACH	NET		Alive; not found dead		
4/22/06	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	SANTA BARBARA CHANNEL, 7-10 MILES OFF EAST END OF SANTA CRUZ ISLAND	NET		Alive; not found dead		
6/16/06	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	2.5 MILES OFFSHORE SOUTH LAGUNA BEACH	NET		Alive; not found dead		
8/6/06	UNIDENTIFIED WHALE			CA	MOUTH OF TOMALES BAY	NET		Alive; not found dead		
7/12/09	UNIDENTIFIED WHALE			CA	5 MILES NORTHEAST OF SANTA CATALINA ISLAND	NET		Alive; not found dead		
7/21/09	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFF TRINIDAD HEAD	NET		Alive; not found dead		
10/1/09	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE VANDENBERG AIR FORCE BASE	NET		Dead		
4/16/10	MINKE WHALE			CA	OFF POINT PINOS, PACIFIC GROVE	NET		Alive; not found dead		
7/7/10	UNIDENTIFIED WHALE			CA	OFF OIL PLATFORM C, SANTA BARBARA	NET		Alive; not found dead		
8/1/10	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	500 YARDS OFFSHORE CARMEL	NET		Alive; not found dead		
4/23/06	GRAY WHALE	Eschrichtius	robustus	OR	Tillamook County; CAPE LOOKOUT; Tip of Cape Lookout, was travelling East to West on south side of Cape Lookout, was seen diving; 2 larger whales and 6-8 "porpoises" also seen nearby	NET		Alive; not found dead		C- Minimum
8/3/02	GRAY WHALE	Eschrichtius	robustus	WA	Grays Harbor; OCEAN SHORES; near Chance de la Mer Approach; Ocean City State Park	NET		Dead		C - High
5/30/08	HUMPBACK WHALE	Megaptera	novaeangliae	WA	40 MILES WEST OF CAPE FLATTERY	NET		Alive; not found dead		
7/27/11	Whale, gray	Eschrichtius	robustus	WA	Bremerton	NET		Alive; not found dead		
10/24/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	28 NM WSW OF MOSS LANDING, CA	OTH	Buoy	Alive; not found dead	Disentangled	Con
6/5/14	UNIDENTIFIED			CA	1 MILE OFF SAN CLEMENTE ISLAND	UNK	Lobster	Dead		Con

Date first observed	Common Name	Genus	Species	State	Location	Gear Type ⁽¹⁾	Fishery ⁽¹⁾	Observation condition or fate ⁽²⁾	Disentangled?	Confidence/Confirmed ⁽³⁾
11/11/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MONTEREY, CA	UNK	Unk Crab	Alive; not found dead		Con
9/16/14	Humpback Whale	Megaptera	novaeangliae	BC	Tofino, Vancouver Island, BC	UNK		Alive; not found dead		Unc
6/10/00	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE APTOS, APTOS	UNK		Alive; not found dead		
11/18/00	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	Monterey County; MOSS LANDING; MOSS LANDING BEACH, 100 METERS SOUTH OF MOSS LANDING MARINE LABORATORIES, SHORE LAB	UNK		Dead		
4/24/02	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	WEST OF COAL POINT, ISLA VISTA, SANTA BARBARA	UNK		Alive; not found dead		
5/14/02	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE FROM POINT VICENTE, RANCHO PALOS VERDES	UNK		Alive; not found dead		
11/24/03	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	2 MILES OFFSHORE CENTERVILLE	UNK		Alive; not found dead		
11/28/03	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE CRESCENT CITY	UNK		Alive; not found dead		
5/23/04	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE CYPRESS PT., PEBBLE BEACH	UNK		Alive; not found dead		
6/20/04	UNIDENTIFIED WHALE			CA	OFFSHORE MORRO BAY	UNK		Alive; not found dead		
1/18/05	UNIDENTIFIED WHALE			CA	OFFSHORE SAN MIGUEL ISLAND, NEAR SOUTH SIDE OF ISLAND	UNK		Alive; not found dead		
4/2/06	UNIDENTIFIED WHALE			CA	1 MILE OFFSHORE PT. SUR	UNK		Alive; not found dead		
4/27/06	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Los Angeles County; San Pedro	UNK		Dead		
10/16/07	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	9 MILES NORTHWEST OF PILLAR POINT, HALF MOON BAY	UNK		Alive; not found dead		
10/29/07	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	FANNY SHOAL, OFF FARALLON ISLANDS	UNK		Alive; not found dead		
8/10/08	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFF POINT PINOS, PACIFIC GROVE	UNK		Alive; not found dead		
8/18/08	UNIDENTIFIED WHALE			CA	6-7 MILES WEST OF FARALLON ISLAND	UNK		Alive; not found dead		
1/13/09	FIN WHALE			CA	12 MILES SOUTH OF LONG BEACH HARBOR LIGHT STATION	UNK		Alive; not found dead		
3/19/09	UNIDENTIFIED WHALE			CA	NORTH OF CUFFEY'S COVE, 0.25 MILES OFFSHORE, ELK	UNK		Alive; not found dead		
6/8/09	FIN WHALE			CA	8 MILES EAST OF SAN CLEMENTE ISLAND	UNK		Alive; not found dead		
8/14/09	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	Humboldt County; SCOTTY POINT, NORTH OF TRINIDAD	UNK		Dead		
3/5/10	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OFFSHORE POINT LOMA	UNK		Alive; not found dead		
3/24/10	UNIDENTIFIED WHALE			CA	300 YARDS OFFSHORE SEA RANCH	UNK		Alive; not found dead		
4/7/10	UNIDENTIFIED WHALE			CA	SAN FRANCISCO BAY, BETWEEN SOUTH HAMPTON SHOAL & ANGEL ISLAND	UNK		Alive; not found dead		
5/2/10	UNIDENTIFIED WHALE			CA	OFF ANACAPA ISLANDA	UNK		Alive; not found dead		
8/17/10	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	1 MILE SOUTH OF ELK, OFFSHORE	UNK		Alive; not found dead		
8/23/10	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	7 MILES OFFSHORE EUREKA	UNK		Alive; not found dead		
8/24/10	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	OFFSHORE, 9 MILES WEST OF MOSS LANDING	UNK		Alive; not found dead		
10/9/10	UNIDENTIFIED WHALE			CA	1 MILE WEST OF MIRONUNGA BAY OFF SOUTH EAST FARALLON ISLAND	UNK		Alive; not found dead	Disentangled	
5/10/11	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	~5nmi NW of Point Pinos in Monterey Bay	UNK		Alive; not found dead		
7/13/11	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	PORT SAN LUIS BETWEEN 2 PIERS	UNK		Alive; not found dead		
7/16/11	UNIDENTIFIED WHALE			CA	OFF MOSS LANDING	UNK		Alive; not found dead		
7/31/11	FIN WHALE			CA	33 NM WEST OF BODEGA HEAD	UNK		Alive; not found dead		
1/28/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	0.75 MILES OFF DEL MAR	UNK		Alive; not found dead		
3/28/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	LAGUNA BEACH THEN POINT VICENTE, LOS ANGELES, CA	UNK		Alive; not found dead	Disentangled	
4/21/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Mendocino County; San Luis Obispo	UNK		Dead		
4/26/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	PACIFIC GROVE	UNK		Alive; not found dead		
5/5/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	MONTEREY BAY	UNK		Alive; not found dead		
5/13/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	LOVER'S POINT HEADING TOWARDS POINT PINOS	UNK		Alive; not found dead		
5/13/12	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	NEAR POINT PINOS, MONTEREY	UNK		Alive; not found dead		
6/8/12	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MONTEREY HARBOR	UNK		Alive; not found dead		
8/31/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	Los Angeles County; Manhattan Beach	UNK		Dead	Disentangled	C - High
2/3/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	5 NMI WEST OF POINT LOMA, NEAR US/MEXICO BORDER	UNK		Alive; not found dead		Unc
4/13/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	SANTA BARBARA POINT	UNK		Alive; not found dead		Con
7/13/13	UNIDENTIFIED			CA	7 NM NW OF POINT REYES	UNK		Alive; not found dead		Unc
1/5/14	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	CYPRESS POINT, MONTEREY	UNK		Alive; not found dead		Unc
4/15/14	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	OXNARD	UNK		Alive; not found dead		Unc

Date first observed	Common Name	Genus	Species	State	Location	Gear Type ⁽¹⁾	Fishery ⁽¹⁾	Observation condition or fate ⁽²⁾	Disentangled?	Confidence/Confirmed ⁽³⁾
5/1/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MONTEREY BAY	UNK		Alive; not found dead		Con
5/6/14	UNIDENTIFIED			CA	OFF PISMO BEACH	UNK		Alive; not found dead		Unc
6/6/14	MINKE WHALE	Balaenoptera	ACUTOROSTRATA	CA	Mendocino County; Jug Handle State Park	UNK		Dead		Con
6/27/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	San Luis Obispo County; NORTH OF HAZARDS CANYON, MONTANA DE ORO, CA; 400 yards North of Hazards Canyon in Montana de Oro	UNK		Dead		Con
7/19/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	3NM OFF OCEANSIDE, CA	UNK		Alive; not found dead		Con
7/24/14	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	NEWPORT BEACH, CA	UNK		Alive; not found dead		Con
9/11/14	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	CA	6 NM OFF OCEANSIDE, CA	UNK		Alive; not found dead		Con
9/12/14	HUMPBACK WHALE	MEGAPTERA	NOVAEANGLIAE	CA	MOSS LANDING, CA	UNK		Alive; not found dead		Con
1/18/04	GRAY WHALE	Eschrichtius	robustus	OR	Lincoln County; DRIFTWOOD BEACH STATE PARK; S of Seal Rock	UNK		Dead		C - High
7/6/05	GRAY WHALE	Eschrichtius	robustus	OR	Coos County; HORSFALL BEACH	UNK		Dead		C - Medium
1/14/07	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	OR	Lincoln County; offshore from Waldport in 25 fathoms	UNK		Alive; not found dead	Disentangled	
9/5/11	UNIDENTIFIED WHALE			OR	YAQUINA BAY, OR	UNK		Alive; not found dead		
3/22/13	GRAY WHALE	Eschrichtius	robustus	OR	2 miles west of Cape Arago, OR 43 19.6N, -124 26.6W	UNK		Alive; not found dead		Unc
4/16/14	UNIDENTIFIED			OR	BROOKINGS HARBOR	UNK		Alive; not found dead		Unc
5/27/14	GRAY WHALE	Eschrichtius	robustus	OR	Curry County; GOLDS BEACH, OR; Nesika Beach, 33622 Ofir Road	UNK		Alive; not found dead		C - High
5/28/14	GRAY WHALE	Eschrichtius	robustus	OR	Lincoln County; Otter Rock; NEAR DEPOE BAY; off Otter Crest and Cape Foulweather, later between south point and Boiler Bay, Depoe Bay; sighted next day off Cape Kiwanda (Pacific City)	UNK		Alive; not found dead		C - High
9/19/14	HUMPBACK WHALE	Megaptera	novaeangliae	OR	Seal Rock, OR 44 30.25 N, -124 32.68 W	UNK		Alive; not found dead		Con
7/10/03	GRAY WHALE	Eschrichtius	robustus	WA	OCEAN CITY	UNK		Dead		
5/14/04	GRAY WHALE	Eschrichtius	robustus	WA	CAPE ELIZABETH	UNK		Dead		
4/26/05	GRAY WHALE	Eschrichtius	robustus	WA	Grays Harbor; GRAYLAND	UNK		Dead		C - Medium
11/8/06	FIN WHALE	Balaenoptera	physalus	WA	Snohomish County; Everett; PORT OF EVERETT	UNK		Dead		C - High
1/16/10	Whale, Bryde's			WA	Vaughn, WA	UNK		Dead		
4/11/10	Whale, gray	Eschrichtius	robustus	WA	Dewey, WA	UNK		Dead		
1/22/12	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	WA	Pacific	UNK		Dead		
1/10/13	GRAY WHALE	Eschrichtius	robustus	WA	1.5 MILES OFFSHORE SALT CREEK RECREATIONAL AREA, NEAR PORT ANGELES, WA	UNK		Alive; not found dead		Unc
1/22/13	GRAY WHALE	ESCHRICHTIUS	ROBUSTUS	WA	Ocean Park	UNK		Dead		
3/8/13	GRAY WHALE	Eschrichtius	robustus	WA	First Sighting 48 17.43 N, -124 50.17 W Secondary Location 48 19.00N, -124 50.57W Final Location 48 20.53N, -124 51.50W	UNK		Alive; not found dead		Con
8/16/14	HUMPBACK WHALE	Megaptera	novaeangliae	WA	Pacific County; Grayland; 1/4 Mi S of Cranberry Beach Road	UNK		Dead		Con
9/20/14	HUMPBACK WHALE	Megaptera	novaeangliae	WA	La Push, WA 47 50.18 N, -125 01.27 W	UNK		Alive; not found dead		Con
7/26/07	Gray Whale	Eschrichtius	robustus	WA	Seattle, WA		Tribal	Alive; not found dead		
10/13/07	Unknown			WA	John's River in Grays Harbor, WA		Unk Crab	Alive; not found dead		
8/23/13	UNIDENTIFIED			OR	Port Orford			Alive; not found dead		
5/20/03	Gray Whale	Eschrichtius	robustus	WA	Mukilteo			Alive; not found dead		

(1) Gear type refers to the general type of gear associated with a reported entanglement, if known. The associated fishery or other activity associated with the origin of the gear is provided, if known. Reports listed as "Unk crab fishery" likely reflect a more general assessment of information that was provided at the time, and may not be as accurate as determinations being made in more recent years.

(2) With respect to observation condition or fate, we note animals that were last observed alive and not subsequently known to be found dead later. If an animal was originally reported as alive and subsequently observed/reported dead, it is recorded here as dead. Thus, an entry of "Alive; Not Found Dead" is a reflection of the report given at that time, not necessarily of the overall fate of the animal. We also note whether the animal was successfully disentangled, including instances of self-release, if known.

(3) In the past, some reports were characterized in terms of confidence levels: C - high, medium, or minimum. Beginning in 2013, NMFS began more closely tracking large whale entanglement reports on west coast as confirmed/unconfirmed (Con/Unc) reports, based on the level of information provided (e.g., pictures) and professional judgment of the reporting details and/or party. This information is provided here for your general reference as to how we are assessing the reporting process and the level of information that comes to the Stranding Program. However, all reports continue to be evaluated for SI/M determinations.