STRANDINGS AND FISHING GEAR ENTANGLEMENTS OF CETACEANS OFF THE WEST COAST OF CANADA IN 1995

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ABSTRACT

Forty-two records of cetaceans which stranded or collided with fishing gear in 1995 in British Columbia (BC), Canada, are presented. The number of records likely represents a small proportion of the total number of cetacean strandings and incidental catches which occurred during the year. Eight species are represented out of the 35 records for which positive identification was obtained, the most commonly recorded species being harbour porpoise (Phocoena phocoena) and Dall's porpoise (Phocoenoides dalli). A record of a dead stranded striped dolphin (Stenella coeruleoalba) is the 13th recorded occurrence of the species in BC waters. Other species recorded stranding during 1995 include gray whale (Eschrichtius robustus), killer whale (Orcinus orca), humpback whale (Megaptera novaeangliae), and Pacific white-sided dolphin (Lagenorhynchus obliquidens). The only record identified as an incidental catch was of a Dall's porpoise entangled in fishing gear near Prince Rupert.

INTRODUCTION

Analysis of stranded or incidentally caught animals can provide information on a variety of parameters not easily or impossible to obtain from their living counterparts. The Stranded Whale and Dolphin Program of BC (SWDP), established in 1987, monitors and responds to whale, dolphin and porpoise strandings and fishing gear entanglements throughout the province. The number of records, the species involved, and the geographic and seasonal distribution of records is monitored by the volunteer program. The program attempts to maximize the research use of each animal through detailed necropsies and tissue collection, from which a variety of information may be obtained, including: causes of mortality, feeding habits, reproductive parameters, parasite loads, contaminant levels, and variability in the above by sex, season, and location.

This ninth annual report summarizes records collected through the SWDP of cetacean strandings and incidental catches on the Canadian west coast during 1995. The objectives of this report are to: (i) summarize records obtained during 1995; (ii) encourage further research use of this information; (iii) encourage reporting of future records; and (iv) briefly discuss records of particular interest and information on incidental mortality of cetaceans in BC derived through the SWDP.

METHODS

The SWDP relies on reports from researchers and the general public of cetaceans which are found dead, live-stranded, or caught incidentally during fishing operations. Non-fishery related events are hereafter referred to as stranding records. To encourage the public to report both current and historical events, a province-wide toll-free number (1-800-665-5939) was set up for this purpose, as well as to collect information on cetacean sightings.

Information initially recorded from stranded and incidentally caught animals include the date and location of the event, the type of event, and description and condition of the animal(s), as well as sex, standard length (American Society of Mammalogists, 1961), and weight where possible. If the carcass is not recovered, efforts are made to have it marked for future identification, reducing the possibility of duplicate records. Photographs are also requested, supplementing verbal descriptions of the animal(s) as well as allowing for future matching of records.

Whenever feasible, complete necropsies are performed with a veterinarian in attendance. External morphometrics and blubber thicknesses are recorded, and all animals are examined for signs of potential entanglement in fishing gear, as described by Hare and Mead (1987). Teeth are collected to estimate age, ovaries and the uterus are examined for signs of past or current pregnancies, mammary glands are examined for the presence of milk, and testes are examined histologically for the presence of sperm. Stomach contents and parasites are also collected and identified. Tissue samples from most animals are collected for histological and toxicological analysis by the BC Provincial Ministry of Agriculture, Fisheries and Food and Zenon Environmental Laboratories. Samples are also collected for a tissue archive and for various other studies. In addition, skulls, teeth, and axial skeletons are collected for various educational or research collections.

RESULTS AND DISCUSSION

Forty-two incidents of stranded or incidentally entangled cetaceans were recorded in 1995 (Table 1). Locations of events are provided in Figure 1. From the program's inception in 1987 to 1993, the number of records reported each year increased; however, in both 1994 and 1995, the numbers were lower than reported in the previous year. This drop likely reflects a decrease in sightings and/or reportings to the SWDP, rather than an actual decrease in the number of strandings and incidental catches. It is likely that many records are not reported, as most records are reported by only one source and many are received days to months after the event. Awareness of the program's activity presumably has yet to reach full potential among those liable to encounter stranded or incidentally caught animals. In addition, much of B.C.'s coastline is rocky, far from populated areas, and relatively inaccessible. This decreases the likelihood that dead animals will be cast and remain ashore, and be subsequently encountered within the short period of time that most such animals remain recognizable, being exposed to scavengers and the elements. These limitations likely result in only a small proportion of stranded animals being reported to the program.

Eight different species were positively identified out of the 42 records. These include 15 harbour porpoises (<u>Phocoena phocoena</u>), 6 Dall's porpoises (<u>Phocoenoides dalli</u>), 4 gray whales (<u>Eschrichtius robustus</u>), 3 killer whales (<u>Orcinus orca</u>), 3 humpback whales (<u>Megaptera novaeangliae</u>), 3 Pacific white-sided dolphins (<u>Lagenorhynchus obliquidens</u>), and

1 striped dolphin (<u>Stenella coeruleoalba</u>). The remaining 7 records were not positively identified to species; 4 of which being large whales, 2 being unidentified porpoises, and 1 being an unidentified small cetacean.

All species recorded in 1995 have been recorded previously in B.C. waters; however, striped dolphins are uncommon visitors, having been recorded only 12 times previously (Baird et al. 1993). In December, a dead female striped dolphin was found dead on Wickaninnish Beach, Vancouver Island. Prior to this event, the most recent striped dolphin record consisted of a stranded male from Graham Island in 1990 (Baird et al. 1993).

The only record identified as an incidental catch in 1995 consisted of a female Dall's porpoise entangled off Prince Leboos Island, near Prince Rupert. Since the program's inception, at least a few incidental catches have been reported each year, even in years in which fewer records were obtained than in 1995 (c.f. Baird et al. 1994, Guenther et al. 1995.). As evidence of entanglement is usually apparent only in fresh animals, it is unlikely that all incidentally caught animals are identified as such.

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Table 1. Cetacean "strandings" and incidental catches from 1995. (VI = Vancouver Island).

NUMBER DATE: SPECIES? LOCATION COMMENTS: SWOPS-50.2 20 February 1985 unidentified large whate bit special services C1.45.7.10.13.17.m.117.3em.RBCM SWOPS-50.2 21 April 1985 built spropries built spropries c2 April 1985 built spropries SWOPS-50.2 3 April 1985 built spropries built spropries built spropries built spropries SWOPS-50.2 3 April 1985 built spropries built					
14 February 1995 Instruction of the control of the	NUMBER	DATE ²	SPECIES³	LOCATION	COMMENTS
20 February 1995 unidentified large whale bin Cape Naden and Shag Rock 7 April 1995 Dall's porpoise Rece Rocks 8 April 1995 Dall's porpoise Rece Rocks 8 April 1995 Dall's porpoise Clover Point, VI 14 April 1995 Dall's porpoise Clover Point, VI 14 April 1995 Dall's porpoise Clover Point, VI 15 May 1995 Dall's porpoise Clover Point, VI 16 May 1995 Dall's porpoise Clover Point, VI 17 Dall's Porpoise Dall's porpoise Clover Point, VI 17 Dall's Porpoise Dall's porpoise Clover Point, VI 17 Dall's Porpoise Dall's porpoise Clover Point, VI 17 December 1995 Dall's porpoise Clover Point, VI 18 May 1995 Marbour porpoise Fleming Basech, VI 1995 Dall's porpoise Clover Point, VI 1995 Dall's porpoise Clover Point, VI 1995 Dall's porpoise Fleming Basech, VI 1995 Dall's porpoise Clover Point, VI 1995 Dall's while Point, VI 1995 Dall's while Point Point, VI 1995 Dall's while Point Point, VI 1995 Dall's while Point Point, VI 1995 Dall's while	SWDP95-01	14 February 1995	harbour porpoise	Esquimalt Lagoon, VI	C,1,4,5,7-10,13-17,m,117.9cm,RBCM
9 April 1995 Dall's porpoise Island View Beach, VI 24 April 1995 Dall's porpoise Race Rocks 8 April 1995 Dall's porpoise Clover Point, VI 14 April 1995 Gray whale Dall's porpoise Clover Point, VI 15 May 1995 Dall's porpoise Town Mile Point, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Sound Niever, VI 16 May 1995 Dall's porpoise Towns Niever, VI 1995 Dall's porpoise Towns Niever, VI 1995 Dall's porpoise Towns Niever, VI 1995 Dall's Marbour porpoise Towns Niever, VI 1995 Dall's Marbour porpoise Towns Niever, VI 1995 Dall's Whale Sall Own Niever, VI	SWDP95-02	20 February 1995	unidentified large whale	b/n Cape Naden and Shag Rock	C,D,u
9 April 1995 Dall's porpoise Race Rocks 8 April 1995 gray whele Winter Harbour, VI 21 April 1995 gray whele Winter Harbour, VI 21 April 1995 parbour porpoise Howe Sound 15 May 1995 harbour porpoise Ton Mile Point, VI 22 April 1995 harbour porpoise Ton Mile Point, VI 23 April 1995 harbour porpoise Ton Mile Point, VI 24 July 1995 harbour porpoise Fleming Beach, VI 25 July 1995 harbour porpoise Fleming Beach, VI 30 May 1995 harbour porpoise Fleming Beach, VI 4 July 1995 harbour porpoise Friel Island 4 July 1995 harbour porpoise Stries Beach, VI 2 July 1995 harbour porpoise Stries Island 30 July 1995 harbour porpoise Stries Beach, VI 31 July 1995 harbour porpoise Stries Beach, VI 32 July 1995 harbour porpoise Stries Beach, VI 34 July 1995 harbour porpoise Stries Beach, VI 35 July 1995 harbour porpoise	SWDP95-03	7 April 1995	Dall's porpoise	Island View Beach, VI	C,1,4,5,7-10,13-17,m,188.4cm,UVIC
8 April 1995 gray whele (lover Point, VI 21 April 1995 parbour porpoise (lover Point, VI 21 April 1995 parbour porpoise (lover Point, VI 21 April 1995 parbour porpoise (lover Point, VI 22 April 1995 parbour porpoise (lover Point, VI 23 April 1995 parbour porpoise (lover Point, VI 23 April 1995 parbour porpoise (lover Point, VI 24 July 1995 parbour porpoise (lover Point, VI 33 July 1995 parbour porpoise (lover Point, VI 33 July 1995 parbour porpoise (lover Point, VI 34 July 1995 parbour porpoise (lover Point, VI 35 July 1995 parbour porpoise (lover 1995 parbour porpoise (lover Point, VI 35 July 1995 parbour porpoise (lover	SWDP95-04	9 April 1995	Dall's porpoise	Race Rocks	C,1,2,4,5,7-10,13-17,f,141,4cm
12 April 1995 harbour porpoise Gover Point, VI 21 April 1995 harbour porpoise Gover Point, VI 21 April 1995 harbour porpoise Gover Point, VI 21 April 1995 Dall's porpoise Gover Point, VI 395 Dall's porpoise Gover Market Barbour, VI 395 Dall's porpoise Gover Market Barbour, VI 395 Dall's porpoise Gover Market Barbour porpoise Gover Barbour Porpoise Brooks Penninsula, VI Marbour 1995 Unidentified large Whale Brooks Penninsula, VI Marbour 1995 Unidentified large Whale Brooks Penninsula, VI Barbour Porpoise Gover Barbour Porpoise Gover Barbour Porpoise Brooks Penninsula, VI Barbour Porpoise Gover Barbour Porpoise Brooks Penninsula, VI Barbour Porpoise Gover Barbour Porpoise Gover Barbour Barbour Porpoise Gover Barbour Barbour Porpoise Gover Barbour Barbour Porpoise Brooks Penninsula, VI Barbour Porpoise Gover Barbour Barbour Barbour Po	SWDP95-05	8 April 1995	gray whale	Winter Harbour, VI	C,10,17,u
14 April 1995 paray whale Jordan River, VI Harbour porpoise Ten Mille Point, VI Clover Point, VI Dall's porpoise off Quartino Sound, VI Oli July 1995 gray whale? Trial Island A Periode Lebbos Island A Harbour porpoise off Quartino Stories Beach, VI Clover Point, VI Dall's porpoise off Quartino Stories Beach, VI Dall's porpoise off Quartino Stories Beach, VI Dall's Point Point Point Dall's Porpoise off Quartino Stories Beach, VI Dall's Point Dall's Porpoise off Quartino Stories Beach, VI Dall's Point Dall's Point Dall's Point Point Dall's Point Point Dall's Point Point Point Dall's Point Point Point Point Point Point Dall's Point Point Point Point Point Point Point Dall's Point	SWDP95-06	21 April 1995	harbour porpoise	Clover Point, VI	C,1,2,4,5,7-10,13-17,m,117.8cm,RBCM
15 April 1995 18 May 1995 19 Marbour porpoise 18 May 1995 19 Marbour porpoise 19 April 1995 2 April 1995 2 April 1995 30 May 1995 4 Luly 1995 4 Luly 1995 4 Luly 1995 4 Luly 1995 5 April 1995 4 Luly 1995 5 April 1995 5 April 1995 6 August 1995 8 August 19	SWDP95-07	14 April 1995	gray whale	Jordan River, VI	C,D,u
15 May 1995	SWDP95-08	21 April 1995	harbour porpoise	Howe Sound	C,1,4,5,7-10,13-17,u
18 May 1995	SWDP95-09	15 May 1995	Dall's porpoise	Ten Mile Point, VI	C,1,2,4,5,7-10,13-17.m.136.0cm.RBCM
April/May 1995 ball's porpoise Constance Bank April/May 1995 killer whale Langara Island April/May 1995 harbour porpoise off Quataino Sound, VI 0 July 1995 aray whale? Trial Island Prince Leboos Island Arbour porpoise off Winter Harbour, VI 10 July 1995 ball's porpoise Trial Island Prince Leboos Island 13 July 1995 harbour porpoise Trial Island Prince Leboos Island Arbour porpoise Trial Island Arbour porpoise Trial Island Trial Island Arbour porpoise Trial Island Arbour porpoise Trial Island Harbour porpoise Trial Island Trial Island Arbour porpoise Trial Island Trial Island Trial Island Arbour porpoise Trial Island Trial Island Arbour porpoise Trial Island	SWDP95-10	18 May 1995	harbour porpoise	Clover Point, VI	C,1,2,4,5,7-10,13-17,f,125,3cm,RBCM
April/May 1995 killer whale leming Baach, VI 26 June 1995 harbour porpoise Fleming Baach, VI 26 June 1995 harbour porpoise Trial Island of Dall's porpoise of floutation Sound, VI of Murtan Harbour, VI 12 July 1995 ball's porpoise Prince Leboos Island harbour porpoise Trial Island Parbour porpoise Grescent Bach, White Rock 13 July 1995 harbour porpoise Grescent Bach, White Rock 14 June 1995 gray whale Ritasu Bay (Crescent Bach, White Rock 14 June 1995 gray whale Ritasu Bay (Crescent Bach, White Rock 14 June 1995 gray whale Ritasu Bay (Crescent Bach, White Rock 17 August 1995 harbour porpoise Green Point, VI Secowis Creek, VI June 1995 harbour porpoise Green Point, VI Marbour porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Barbour Porpoise Barbour Porpoise Barbour Porpoise Barbour Porpoise Green Point, VI Marbour Porpoise Barbour Barbour Porpoise Barbour Porpoise Barbour Barbour Porpoise Barbour Barbour Porpoise Ba	SWDP95-11	29 April 1995	Dall's porpoise	Constance Bank	C,D,u
26 June 1995 harbour porpoise Trial Island 04 July 1995 harbour porpoise of Quatsino Sound, VI 10 July 1995 gray whale off Winter Harbour, VI 12 July 1995 harbour porpoise Trial Island 13 July 1995 harbour porpoise Trial Island 24 July 1995 harbour porpoise Trial Island 25 July 1995 harbour porpoise Trial Island 30 July 1995 harbour porpoise Trial Island 31 July 1995 gray whale Boat Bay, W Cracroft I 31 July 1995 gray whale Boat Bay, W Cracroft I 32 July 1995 gray whale Boat Bay, W Cracroft I 34 July 1995 gray whale Boat Bay, W Cracroft I 35 July 1995 gray whale Boat Bay, W Cracroft I 36 July 1995 gray whale Boat Bay, W Cracroft I 37 July 1995 gray whale Boat Bay, W Cracroft I 38 June 1995 gray whale Boat Bay, W Cracroft I 39 July 1995 gray whale Boat Bay, W Cracroft I 30 July 1995 gray whale Boat Bay, W Illier whale Barbour porpoise Boat Bay, W Illier whale Barbour porpoise Boat Bay Barbour Boat Bay Brooks Penninsula, VI 30 July 1995 harbour porpoise Boat Bay, W Barbour Boat Bay, W Barbour Bay Barbour Bay Barbour Bay Barbour Bay Barbour Bay Barbour Barbour Bay Barbour Bay Barbour Barb	SWDP95-12	April/May 1995	killer whale	Langara Island	C,2
26 June 1995 Dall's porpoise of Quarsino Sound, VI of Vuly 1995 gray whale? 12 July 1995 Dall's porpoise of Winter Harbour, VI of July 1995 harbour porpoise of Trial Island 13 July 1995 harbour porpoise of Trial Island 24 July 1995 harbour porpoise of Trial Island 25 July 1995 harbour porpoise of Trial Island 25 July 1995 harbour porpoise of Trian Bay, W Cracroft I of August 1995 unidentified porpoise of Trian Bay, W Cracroft I of August 1995 harbour porpoise of Trian Bay of Graen Winter Rock Willer whale harbour porpoise of Cracent Basch, White Rock Splanner 1995 harbour porpoise of Cracent Basch, VI of Worker 1995 harbour porpoise of Cracent Basch, VI of William	SWDP95-13	30 May 1995	harbour porpoise	Fleming Beach, VI	C,1,2,4,5,7-10,13-17 f. 129.2cm. RBCM
04 July 1995 humpback whale off Quatsino Sound, VI 10 July 1995 gray whale? off Winter Harbour, VI 12 July 1995 harbour porpoise Stories Beach, VI Trial Island harbour porpoise Stories Beach, VI Trial Island harbour porpoise Trial Island harbour porpoise Pacific white-sided dolphin Soat Bay, W Creacroft I 30 July 1995 gray whale Crescent Back, White Rock Boundary Bay Unidentified porpoise Crescent Back, White Rock I Sulve 1995 gray whale Hippe Island Creacroft I September 1995 harbour porpoise Green Point, VI Summer 1995 harbour porpoise Bunden Channel Crescent Back Willer whale September 1995 harbour porpoise Green Point, VI May 1995 unidentified large whale Friendly Cove, Nootka Island October 1995 harbour porpoise Shelter Point, VI May 1995 unidentified large whale Green Point, VI May 1995 unidentified large whale I 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale I 100 mi W Port Renfrew, VI mid July 1995 harbour porpoise Shelter Point, VI May 1995 unidentified large whale I 100 mi W Port Renfrew, VI May 1995 harbour porpoise Shelter Point, VI May 1995 harbour porpoise Striped dolphin Nord July 1995 harbour porpoise Striped dolphin Nord July 1995 harbour porpoise Striped dolphin Largera Island Cox Island, Scott Islands Scott Islands Scott Islands Scott Islands Scott Islands	SWDP95-14	26 June 1995	Dall's porpoise	Trial Island	C.D.4.u
10 July 1995 12 July 1995 13 July 1995 14 harbour porpoise 15 July 1995 15 harbour porpoise 16 July 1995 16 harbour porpoise 17 Intel Island 18 July 1995 19 Pacific white-sided dolphin 19 July 1995 18 July 1995 19 Pacific white-sided dolphin 19 July 1995 19 July 1995 19 July 1995 19 July 1995 19 Pacific white-sided dolphin 19 July 1995 19 July 1995 19 July 1995 19 July 1995 10 July 1995 10 July 1995 11 July 1995 12 December 1995 13 July 1995 14 July 1995 15 July 1995 16 July 1995 17 July 1995 18 July 1995 19 July 1995 19 July 1995 10 July 1995 10 July 1995 11 July 1995 12 December 1995 13 July 1995 14 July 1995 15 July 1995 16 July 1995 17 July 1995 18 July 1995 19 July 1995 19 July 1995 19 July 1995 10 July 1995 10 July 1995 11 July 1995 12 July 1995 13 July 1995 14 July 1995 15 July 1995 16 July 1995 16 July 1995 17 July 1995 18 July 1995 18 July 1995 19 July 1995 19 July 1995 19 July 1995 19 July 1995 10 July 1995 11 July 1995 12 July 1995 13 July 1995 14 July 1995 15 July 1995 16 July 1995 16 July 1995 17 July 1995 18 July 1995 19 July 1995 19 July 1995 19 July 1995 10 July 19	SWDP95-15	04 July 1995	humpback whale	off Quatsino Sound, VI	C,D,2,u
12 July 1995 Dall's porpoise Stories Beach, VI Androury 1995 harbour porpoise Trial Island harbour porpoise Trial Island harbour porpoise No of Parksville, VI Pacific white-sided dolphin Boat Bay, W Cracroft I Boundary Bay unidentified porpoise Crescent Beach, White Rock I Bune 1995 gray whale Hippe Island Crescent Beach, White Rock I Bune 1995 gray whale Hippe Island Hippe Island Natury 1995 harbour porpoise Ritasu Bay Kitasu Bay Kitasu Bay Kitasu Bay Kitasu Bay Harbour porpoise Blunden Channel Parbour porpoise Broks Penninsula, VI Barbour porpoise Coctober 1995 unidentified large whale Brooks Penninsula, VI and October 1995 willer white-sided dolphin Nend July 1995 Racific white-sided dolphin Rose Island August 1995 Ruidentified small cetacean Rose Island Numbback whale Numbback whale Rose Island Numbback whale Numbback whale Rose Island Scott Islands Pacific white-sided dolphin Lanz Island, Scott Islands Harbour porpoise Cox Island, Scott Islands	SWDP95-16	10 July 1995	gray whale?	off Winter Harbour, VI	C,D,u
13 July 1995 harbour porpoise Trial Island 24 July 1995 harbour porpoise No f Parksville, VI 30 July 1995 harbour porpoise Boundary Bay, W Cracroft I 31 July 1995 gray whale Greent Basch, White Rock 18 June 1995 gray whale Trial Island Crescent Basch, White Rock 18 June 1995 gray whale Greent Basch, White Rock 19 June 1995 gray whale Hippa Island Crescent Basch, White Rock 10 June 1995 gray whale Hippa Island Creek, VI 10 June 1995 harbour porpoise Hippa Island 10 August 1995 harbour porpoise Green Point, VI 10 October 1995 harbour porpoise Blunden Channel 12 December 1995 harbour porpoise Green Point, VI 12 December 1995 windentified large whale Brooks Penninsula, VI 13 July 1995 harbour porpoise Green Point, VI 14 December 1995 killer whale Brooks Penninsula, VI 15 December 1995 striped dolphin Rose Island 17 December 1995 striped dolphin Rose Island 18 July 1995 unidentified small cetacean Rose Island 19 July 1995 unidentified small cetacean Rose Island 10 July 1995 unidentified small cetacean Rose Island 11 August 1995 unidentified small cetacean Rose Island 12 August 1995 humpback whale Rose Island 18 July 1995 Pacific white-sided dolphin Rose Island 19 July 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands	SWDP95-17	12 July 1995	Dall's porpoise	Prince Leboos Island	A,1,2,4,5,7-10,13-17,f,162.8cm
21 July 1995 harbour porpoise Trial Island 24 July 1995 harbour porpoise Pacific white-sided dolphin Boat Bay. W Cracroft I and July 1995 gray whale gray whale gray whale gray whale gray whale labbabababababababababababababababababa	SWDP95-18	13 July 1995	harbour porpoise	Stories Beach, VI	C,1,2,4,5,7-10,13-17,f,158.6cm
24 July 1995 harbour porpoise Nof Parksville, VI Pacific white-sided dolphin Boat Bay, W Cracroft I Aune 1995 gray whale Grescent Beach, White Rock Is July 1995 unidentified porpoise Tsecowis Creek, VI June 1995 gray whale Boundary Bay Unidentified porpoise Tsecowis Creek, VI Summer 1995 harbour porpoise Hippa Island Accordober 1995 harbour porpoise Friendly Cove, Nootka Island Co Cotober 1995 harbour porpoise Green Point, VI August 1995 harbour porpoise Shelter Point, VI Co May 1995 unidentified large whale 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale 100 mi W Port Renfrew, VI To December 1995 striped dolphin N end Johnstone Strait To December 1995 unidentified small cetacean Rose Island August 1995 unidentified small cetacean Rose Island August 1995 humpback whale NE end Langara Island Duly 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-19	21 July 1995	harbour porpoise	Trial Island	C,1,2,4,5,7-10,13-17,f,152.1cm.MC
30 July 1995 Pacific white-sided dolphin Boat Bay, W Cracroft I 31 July 1995 gray whale 18 June 1995 gray whale 25 July 1995 gray whale 35 July 1995 gray whale 36 July 1995 gray whale 37 July 1995 gray whale 38 July 1995 gray whale 39 July 1995 harbour porpoise 30 Soptember 1995 harbour porpoise 30 October 1995 harbour porpoise 31 December 1995 harbour porpoise 32 October 1995 harbour porpoise 33 July 1995 harbour porpoise 34 July 1995 harbour porpoise 35 September 1995 harbour porpoise 36 October 1995 harbour porpoise 37 December 1995 harbour porpoise 38 Pacific white-sided dolphin 39 July 1995 humpback whale 30 July 1995 humpback whale 40 July 1995 humpback whale 50 July 1995 humpback whale 51 August 1995 humpback whale 52 Duly 1995 humpback whale 53 July 1995 humpback whale 54 July 1995 humpback whale 65 October 1995 humpback whale 66 October 1995 humpback whale 66 October 1995 humpback whale 67 July 1995 humpback whale 68 July 1995 humpback whale 69 October 1995 humpback whale 70 December 1995 humpback whale 71 December 1995 humpback whale 72 December 1995 humpback whale 73 December 1995 humpback whale 74 December 1995 humpback whale 75 December 1995 humpback whale 76 December 1995 humpback whale 77 December 1995 humpback whale 78 December 1995 humpback whale 79 December 1995 humpback whale 70 December 1995 humpback whale 71 December 1995 humpback whale 71 December 1995 humpback whale 71 December 1995 humpback whale 72 December 1995 humpback whale 73 December 1995 humpback whale 74 December 1995 humpback whale 75 December 1995 humpback whale 76 December 1995 humpback whale 77 December 1995 humpback whale 78 December 1995 humpback whale 79 December 1995 humpback whale 70 December 1995 humpback whale 70 December 1995 humpback whale	SWDP95-20	24 July 1995	harbour porpoise	N of Parksville, VI	C,1,2,4,5,7-10,13-17,f,149.0cm,MC
31 July 1995 harbour porpoise Crescent Beach, White Rock 18 June 1995 gray whale 25 July 1995 unidentified porpoise Ritasu Bay 25 July 1995 gray whale 36 June 1995 gray whale 37 August 1995 harbour porpoise Green Point, VI 38 September 1995 harbour porpoise Friendly Cove, Nootka Island 30 October 1995 harbour porpoise Green Point, VI 30 October 1995 harbour porpoise Green Point, VI 30 October 1995 harbour porpoise Green Point, VI 30 October 1995 harbour porpoise Brooks Penninsula, VI 31 December 1995 harbour porpoise Brooks Penninsula, VI 32 October 1995 harbour porpoise Brooks Penninsula, VI 33 December 1995 harbour porpoise Brooks Penninsula, VI 34 December 1995 humpback whale Brooks Penninsula, VI 35 December 1995 humpback whale Brooks Penninsula, VI 36 August 1995 humpback whale Brooks Penninsula, VI 36 December 1995 humpback whale Brooks Penninsula, VI 36 December 1995 humpback whale Brooks Penninsula, VI 36 December 1995 humpback whale Brooks Penninsula, VI 37 December 1995 humpback whale Brooks Penninsula, VI 38 December 1995 humpback whale Brooks Penninsula, VI 39 July 1995 humpback whale Brooks Penninsula, VI 30 December 1995 humpback whale Brooks Penninsula, VI 31 December 1995 humpback whale Brooks Penninsula, VI 32 December 1995 humpback whale Brooks Penninsula, VI 34 Duly 1995 humpback whale Brooks Penninsula, VI 35 December 1995 humpback whale Brooks Penninsula, VI 36 December 1995 humpback whale Brooks Penninsula, VI 37 December 1995 humpback whale Brooks Penninsula, VI 38 December 1995 humpback whale Brooks Penninsula, VI 39 December 1995 humpback whale Brooks Penninsula,	SWDP95-21	30 July 1995	Pacific white-sided dolphin	Boat Bay, W Cracroft I	C,1,2,4,5,8-10,13-17,f,179.4cm,UVIC
18 June 1995 19 June 1995 25 July 1995 25 July 1995 25 July 1995 26 June 1995 36 June 1995 36 June 1995 36 June 1995 36 July 1995 36 July 1995 37 June 1995 38 July 1995 39 July 1995 39 July 1995 30 July 1995 30 July 1995 30 July 1995 31 July 1995 31 July 1995 32 July 1995 34 July 1995 35 July 1995 36 July 1995 46 July 1995 47 July 1995 48 July 1995 48 July 1995 48 July 1995 49 July 1995 49 July 1995 40 Ju	SWDP95-22	31 July 1995	harbour porpoise	Crescent Beach, White Rock	C,D,u <100cm
25 July 1995 unidentified porpoise Tsecowis Creek, VI June 1995 gray whale (17 August 1995 killer whale (17 August 1995 harbour porpoise summer 1995 harbour porpoise (18 Blunden Channel 25 September 1995 harbour porpoise (19 Coctober 1995 hundentified large whale (19 Coctober 1995 hundentified small cetacean (19 Coctober 1995 hundback whale (19 Coctober 19 Coctob	SWDP95-23	18 June 1995	gray whale	Boundary Bay	C,D,u
June 1995 June 1995 June 1995 Gray whale OB July 1995 August 1995	SWDP95-24	25 July 1995	unidentified porpoise	Tsecowis Creek, VI	C,D,u
National 1995 Willer whale National 1995 Willer whale National 1995 Warbour porpoise Summer 1995 Anabour porpoise Soctober 1995 Anabour porpoise OG October 1995 Anabour porpoise Naid July 1995 Anabour porpoise Need Stain Allow 1995 Anabour porpoise Need Johnstone Strait Texada Island Nickaninnish Beach, VI Need Langara Island Anabour porpoise Ogden Point, VI Blunden Channel Tomid July 1995 Anabour porpoise Need Langara Island Anabour porpoise Day, Moresby Island Anabour porpoise Day, 1995 Anabour porpoise Day, 1995 Anabour porpoise Day, Moresby Island Anabour porpoise Cox Island, Scott Islands Cox Island, Scott Islands	SWDP95-25	June 1995	gray whale	Kitasu Bay	C,D,u
summer 1995 harbour porpoise Blunden Channel 25 September 1995 harbour porpoise Blunden Channel 26 September 1995 harbour porpoise Green Point, VI 20 October 1995 harbour porpoise Green Point, VI 20 October 1995 unidentified large whale mid July 1995 humbback whale 12 December 1995 striped dolphin 19 July 1995 humbback whale 12 August 1995 humbback whale 10 May 1995 harbour porpoise Cox Island, Scott Islands 2 Example 1995 humbback whale 10 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-26	08 July 1995	killer whale	Hippa Island	် ပ
summer 1995 harbour porpoise Blunden Channel 25 September 1995 harbour porpoise Green Point, VI 20 October 1995 harbour porpoise Green Point, VI 20 October 1995 unidentified large whale Nooks Penninsula, VI mid July 1995 unidentified large whale Brooks Penninsula, VI end October 1995 unidentified large whale Brooks Penninsula, VI end October 1995 acrific white-sided dolphin N end Johnstone Strait 12 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Larz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-27	CD.	harbour porpoise	Ogden Point, VI	C,1,2,4,7,8,14,15,f,90.1cm.RBCM
25 September 1995 harbour porpoise Green Point, VI 20 October 1995 harbour porpoise Green Point, VI 20 October 1995 unidentified large whale mid July 1995 acrific white-sided dolphin N end Johnstone Strait 12 December 1995 striped dolphin willer whale striped dolphin 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale 12 August 1995 humpback whale 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-28	summer 1995	harbour porpoise	Blunden Channel	C,1,2,4,7-10,13-17,f.91.0cm
06 October 1995 harbour porpoise Green Point, VI 20 October 1995 unidentified large whale 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale Brooks Penninsula, VI end October 1995 pacific white-sided dolphin N end Johnstone Strait 12 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale 12 August 1995 humpback whale 10 May 1995 Pacific white-sided dolphin Larz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-29	25 September 1995	harbour porpoise	Friendly Cove, Nootka Island	C,1,2,4,7-10,13-17,f, = 100.4cm
20 October 1995 harbour porpoise Shelter Point, VI 02 May 1995 unidentified large whale 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale Brooks Penninsula, VI end October 1995 Pacific white-sided dolphin N end Johnstone Strait 12 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-30	06 October 1995	harbour porpoise	Green Point, VI	C,1,2,4,7-10,13-17,f,103.2cm
mid July 1995 unidentified large whale 100 mi W Port Renfrew, VI mid July 1995 unidentified large whale Brooks Penninsula, VI harbour porpoise Brooks Penninsula, VI end October 1995 Pacific white-sided dolphin N end Johnstone Strait Texada Island 17 December 1995 striped dolphin Wickaninnish Beach, VI unidentified small cetacean Rose Island 6 August 1995 humpback whale 12 August 1995 humpback whale 10 May 1995 Pacific white-sided dolphin Larz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-31	39	harbour porpoise	Shelter Point, VI	C,1,2,4,7-10,13-17,u,191,2cm.MC
mid July 1995 unidentified large whale Brooks Penninsula, VI harbour porpoise Brooks Penninsula, VI end October 1995 Pacific white-sided dolphin I Exada Island I Exada Island Strait Texada Island Strait I Exada Island Strait I Exada Island I Exada Island I Exagust 1995 unidentified small cetacean I Exagust 1995 humpback whale I Exagust 1995 humpback whale I Exagust 1995 Pacific white-sided dolphin I Exagust Island I Exagust I I I Exagust I I I Exagust I I Exagust I I I I I I I I I I I I I I I I I I I	SWDP95-32	02 May 1995	unidentified large whale	100 mi W Port Renfrew, VI	C,D,u
mid July 1995 harbour porpoise Brooks Penninsula, VI end October 1995 Pacific white-sided dolphin N end Johnstone Strait 12 December 1995 killer whale Texada Island 17 December 1995 striped dolphin Wickaninnish Beach, VI unidentified small cetacean Rose Island 6 August 1995 humpback whale NE end Langara Island 12 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-33	mid July 1995	unidentified large whale	Brooks Penninsula, VI	C,D,u
end October 1995 Pacific white-sided dolphin N end Johnstone Strait 12 December 1995 killer whale 17 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale 12 August 1995 humpback whale 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-34	mid July 1995	harbour porpoise	Brooks Penninsula, VI	C,D,u
12 December 1995 killer whale Texada Island 17 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale NE end Langara Island 12 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-35	end October 1995	Pacific white-sided dolphin	N end Johnstone Strait	C,D,u
17 December 1995 striped dolphin Wickaninnish Beach, VI 19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale 2 mi W Engelfield Bay, Moresby Island 12 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-36	12 December 1995	killer whale	Texada Island	C.1,2.4.f
19 July 1995 unidentified small cetacean Rose Island 6 August 1995 humpback whale 12 August 1995 humpback whale 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-37	17 December 1995	striped dolphin	Wickaninnish Beach, VI	C.1.2,4,7-10.13-17.f.205.4cm.MMBG
6 August 1995 humpback whale 2 mi W Engelfield Bay, Moresby Island 12 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-38	19 July 1995	unidentified small cetacean	Rose Island	C.D.u
12 August 1995 humpback whale NE end Langara Island 10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-39	6 August 1995	humpback whale	2 mi W Engelfield Bay, Moresby Island	C.D.u
10 May 1995 Pacific white-sided dolphin Lanz Island, Scott Islands 19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-40	12 August 1995	humpback whale	NE end Langara Island	2 D.II
19 May 1995 harbour porpoise Cox Island, Scott Islands	SWDP95-41	10 May 1995	Pacific white-sided dolphin	Lanz Island, Scott Islands	C.4.0
	SWDP95-42	19 May 1995	harbour porpoise	Cox Island, Scott Islands	C.2.4.u

Notes to Table 1.

¹Consecutive record numbers are given as each record is received, therefore records are not in chronological order. ²Date shown is earliest date reported. Many records were also reported from later dates.

³If species identification is not positive, indicated with "?".

⁴Comments: A, incidental catch, died; B, live stranded, died; C, found dead; D, not recovered; E, incidental catch, released alive or trailing gear; F, live stranded, returned to water alive. 1. measurements; 2. photographs; 3. radiographs; 4. skeleton and/or baleen, whole/partially collected; 5. aging of teeth; 6. blood tests/cultures; 7. histology samples; 8. gross post mortem examination; 9. heavy metal analysis; 10. organochlorine analysis; 11. dioxin analysis; 12. duplicate tissue samples in Ottawa; 13. duplicate tissue samples in Victoria; 14. parasitology examination; 15. stomach content analysis; 16. reproduction studies; 17. genetic analysis; 18. plaster cast replica of whole/part animal; 19. educational use (anatomy labs, class displays etc); 20. carcass removed from beach to prevent duplicate reporting. Sex: f = female, m = male, u = unknown. Length shown if known. Institution where skeletal materials or baleen deposited listed at end (MC = Malaspina College; MMRG = Marine Mammal Research Group; RBCM = Royal British Columbia Museum; UVIC = University of Victoria).

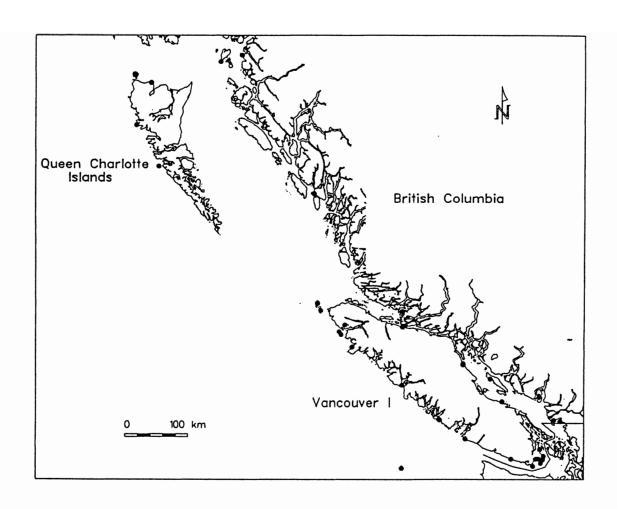


Figure 1. Geographic distribution of stranding and entanglement records during 1995.