

**HIGH SEAS SALMONID
CODED-WIRE TAG RECOVERY DATA, 2005**

Katherine W. Myers and Nancy D. Davis
School of Aquatic and Fishery Sciences, University of Washington
Box 355020, Seattle, WA, 98195, USA

Adrian G. Celewycz and Edward V. Farley, Jr.
Auke Bay Laboratory, Alaska Fisheries Science Center, NOAA Fisheries
11305 Glacier Highway, Juneau, AK 99801-8626, USA

John F.T. Morris and Marc Trudel
Fisheries and Oceans Canada, Science Branch, Pacific Region, Pacific Biological Station
Hammond Bay Road, Nanaimo, B.C., V9R 5K6, Canada

Masa-aki Fukuwaka
Hokkaido National Fisheries Research Institute, Fisheries Research Agency
116 Katsurakoi, Kushiro, 085-0802, Japan

Sergey A. Kovalenko and Alexander O. Shubin
Sakhalin Research Institute of Fisheries and Oceanography (SakhNIRO)
196, Komsomolskaya St., Yuzhno-Sakhalinsk, 69023, Russia

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HIGH SEAS SALMONID CODED-WIRE TAG RECOVERY DATA, 2005

ABSTRACT

Information on high seas recoveries of coded-wire tagged (CWT) salmonids has been reported annually to the International North Pacific Fisheries Commission (1981-1992) and to the North Pacific Anadromous Fish Commission (NPAFC, 1993-present). The Regional Mark Processing Center, Pacific States Marine Fisheries Commission (PSMFC), incorporates the CWT recovery data reported in this document into their coastwide, on-line CWT recovery data set (Regional Mark Information System (RMIS, <http://www.rmis.org/>). This document lists recovery data for 478 CWT salmonids that will be reported to PSMFC/RMIS for the first time. Reported recoveries are from 2004-2005 U.S. groundfish (trawl) fisheries in the eastern Bering Sea and Gulf of Alaska portions of the U.S. Exclusive Economic Zone (83 recoveries, including 82 chinook and 1 chum salmon), from 1992-2003 Canadian research vessel operations in the eastern North Pacific and Gulf of Alaska (386 recoveries, including 1 steelhead trout, 133 coho salmon, and 252 chinook salmon), from 2005 Japanese research vessel operations in the central North Pacific Ocean (1 steelhead), and from 2004 Russian research vessel operations in the western North Pacific Ocean (8 steelhead). All Canadian research vessel recoveries of CWT juvenile coho (128 fish) and chinook salmon (250 fish) listed in this document were reported to NPAFC in 2004 using a different data format (NPAFC Doc. 823). One chum salmon recovered by the U.S. groundfish fishery corroborates previous data showing the extension of the northern range of British Columbia (Georgia Strait) hatchery fall chum salmon into the southeastern Bering Sea in summer. An October recovery of a Canadian Yukon hatchery chinook salmon in the southeastern Bering Sea-Aleutian Islands area is a southern extension of their known ocean range. A recovery in the southeastern Bering Sea in March is a northwestern extension of the known ocean range of of a Southeast Alaska hatchery chinook salmon. The Canadian research vessel recoveries corroborate data from previous tagging experiments, and provide substantial new information on the distribution and migration patterns of U.S. and Canadian juvenile chinook and coho salmon stocks. The recoveries of eight CWT North American (Idaho) hatchery steelhead in western North Pacific waters off the southern Kurile Islands are significant westward extensions of the known ocean range of North American steelhead trout.

INTRODUCTION

The North Pacific Anadromous Fish Commission (NPAFC) coordinates the examination of high seas commercial and research catches for Pacific salmon and steelhead trout (*Oncorhynchus* spp.) that might contain a coded-wire tag (CWT). Recoveries of coded-wire tagged salmonids in the North Pacific Ocean and Bering Sea have been reported annually to the International North Pacific Fisheries Commission (Dahlberg 1981-1982; Wertheimer and Dahlberg 1983-1984; Dahlberg and Fowler 1985; Dahlberg et al. 1986-1992; Margolis 1985; Margolis et al. 1989; McKinnell et al. 1991) and to the North Pacific Anadromous Fish Commission (Dahlberg et al. 1993-97; Myers et al. 1998-2004; Morris 2004). The Regional Mark Processing Center, Pacific States Marine Fisheries Commission (PSMFC), incorporates these data into their coastwide, on-line CWT recovery data set (Regional Mark Information System (RMIS, <http://www.rmis.org/index.html>). After 2002, recoveries of CWT salmon caught by the Pacific hake (*Merluccius productus*) fishery along the U.S. West Coast were no longer reported to the NPAFC. In this document, we list previously unreported data for CWT recoveries in the salmon bycatch of U.S. groundfish (trawl) fisheries for walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea and Gulf of Alaska portions of the U.S. Exclusive Economic Zone and from salmon research vessel operations in the Bering Sea and North Pacific Ocean, as well as new recoveries during salmon research vessel operations in the North Pacific Ocean and Bering Sea. New recoveries of CWT salmonids are compared to previous recoveries of high seas tags (cwt and external tags) and thermal (otolith) marks reported to the International North Pacific Fisheries Commission (INPFC, 1956-2002) and to NPAFC (2003-present), and significant new information on the known ocean ranges of regional stocks of salmon is discussed.

RESULTS AND DISCUSSION

This document lists recovery data for 478 CWT salmonids that will be reported to PSMFC/RMIS database for the first time. Eighty-three CWT salmon (82 chinook and 1 chum salmon) were recovered from U.S. groundfish (trawl) fisheries in the eastern Bering Sea and Gulf of Alaska portions of the U.S. Exclusive Economic Zone in 2004 and 2005 (Table 1). Salmon research vessels recovered 397 CWT salmonids (Table 2), including 386 fish from 1992-2003 Canadian surveys in the North Pacific Ocean and Gulf of Alaska (1 steelhead trout, 133 coho salmon, and 252 chinook salmon), 1 steelhead trout from a 2005 Japanese salmon survey in the central North Pacific Ocean, and eight steelhead trout from 2004 Russian surveys in the western North Pacific Ocean. All Canadian research vessel recoveries of CWT juvenile coho (128 fish) and chinook salmon (250 fish) listed in this document were also reported to NPAFC in 2004 using a different data format (Morris et al. 2004).

The geographic locations of new recoveries of CWT salmonids are summarized by province, state, or continent of origin in Figures 1-13. One chum salmon recovered by the U.S. groundfish fishery corroborates previous data showing the extension of the northern range of British Columbia (Georgia Strait) hatchery fall chum salmon into the southeastern Bering Sea in summer (Fig. 1; Table 1, fish no. 1). An October recovery of a Canadian Yukon hatchery chinook salmon in the southeastern Bering Sea-Aleutian Islands area is a southern extension of their known ocean range (Fig. 2; Table 1, fish. no. 3). A recovery in the southeastern Bering Sea

in March is a northwestern extension of the known ocean range of a Southeast Alaska hatchery chinook salmon (Fig. 4; Table 1, fish no. 16). The Canadian research vessel recoveries corroborate data from previous tagging experiments, and provide substantial new information on the distribution and migration patterns of U.S. and Canadian juvenile chinook and coho salmon stocks (Figs. 4-12; Table 2; Morris et al. 2004). The recoveries of eight CWT North American (Idaho) hatchery steelhead in western North Pacific waters off the southern Kurile Islands are significant westward extensions of the known ocean range of North American steelhead trout (Fig. 13; Table 2, fish nos. 1-8).

ACKNOWLEDGMENTS

Fishermen, processors, observers, and scientists who participated in the 2005 high-seas CWT recovery program are gratefully acknowledged. The North Pacific Groundfish Observer Program, Alaska Fisheries Science Center (AFSC), National Marine Fisheries Service (NMFS), provided snout samples from salmonids lacking the adipose fin and recovery data collected by observers from the U.S. groundfish fishery. Jerry Berger, AFSC, provided data on catch locations, when observer data accompanying the samples were incomplete or erroneous. Eric Reiter, Auke Bay Laboratory (ABL), AFSC, NMFS, dissected salmon snouts, read CWTs, and coded CWT recovery data. The INPFC/NPAFC high seas tag, CWT tag, and otolith mark recovery databases used in this report are archived at the School of Aquatic and Fishery Sciences, University of Washington, Seattle. ABL provided funding for compilation, reporting, and archiving of INPFC/NPAFC high seas tag and CWT release and recovery data (NOAA Contract No. 50ABNF-1-0002).

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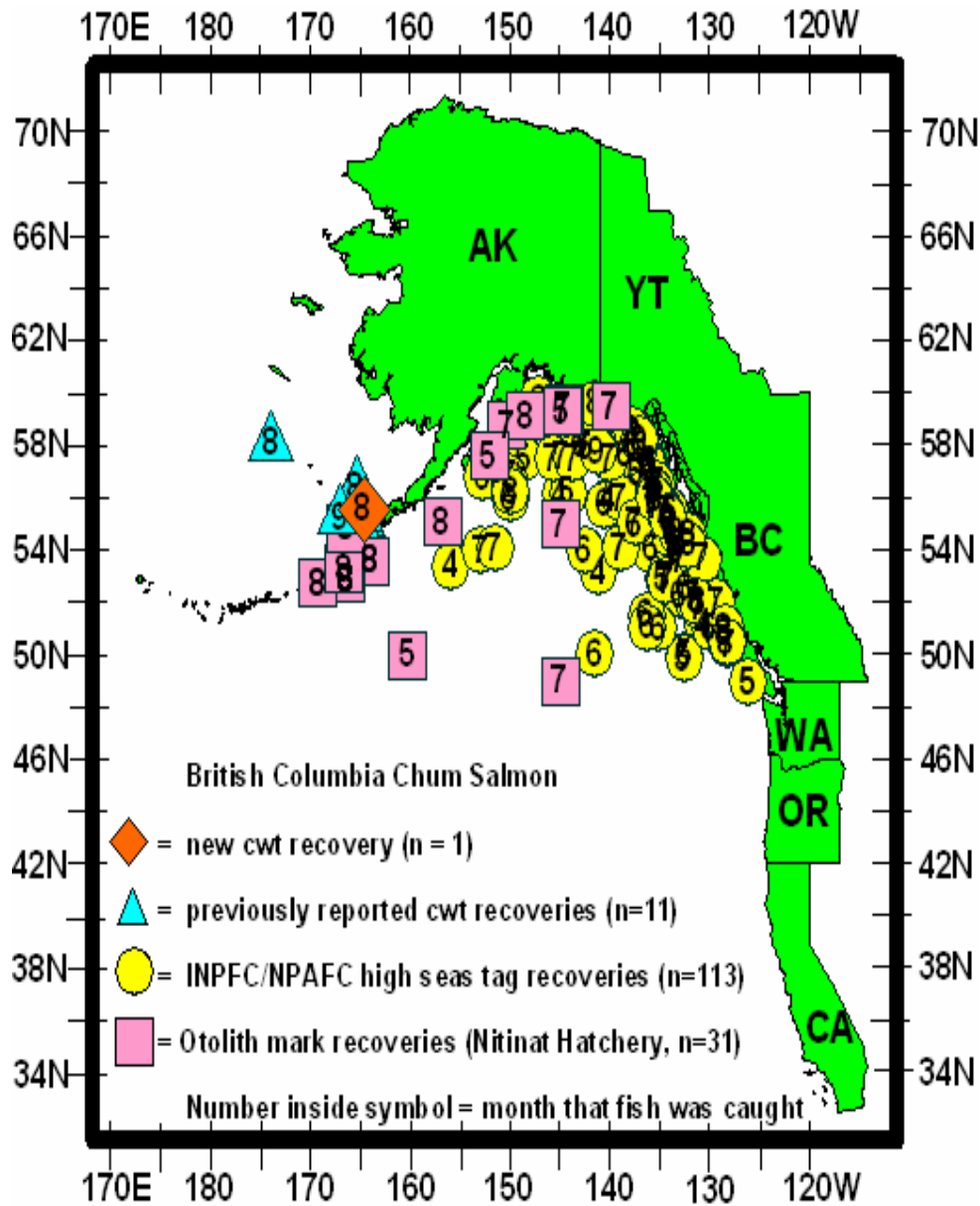


Fig. 1. The ocean distribution of British Columbia chum salmon, as shown by high seas tag and otolith mark recoveries, 1956-2005. The geographic location of one new recovery of a coded-wire tagged fish (Table 1, fish no.1) is indicated in the figure by a closed (orange) diamond. Recoveries of otolith-marked immature and maturing British Columbia hatchery chum salmon (Nitinat Hatchery, Vancouver Island) in 1997 and 1998 were reported by Farley and Munk (1998), Carlson et al. (2000), and Urawa et al. (2000). An additional 38 recoveries of otolith-marked British Columbia chum salmon in the 1994-1996 Bering Sea walleye pollock (*Theragra chalcogramma*) trawl fishery, reported by Ignell et al. (1997), are not shown. Processing plant recoveries of CWT fish are not shown. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

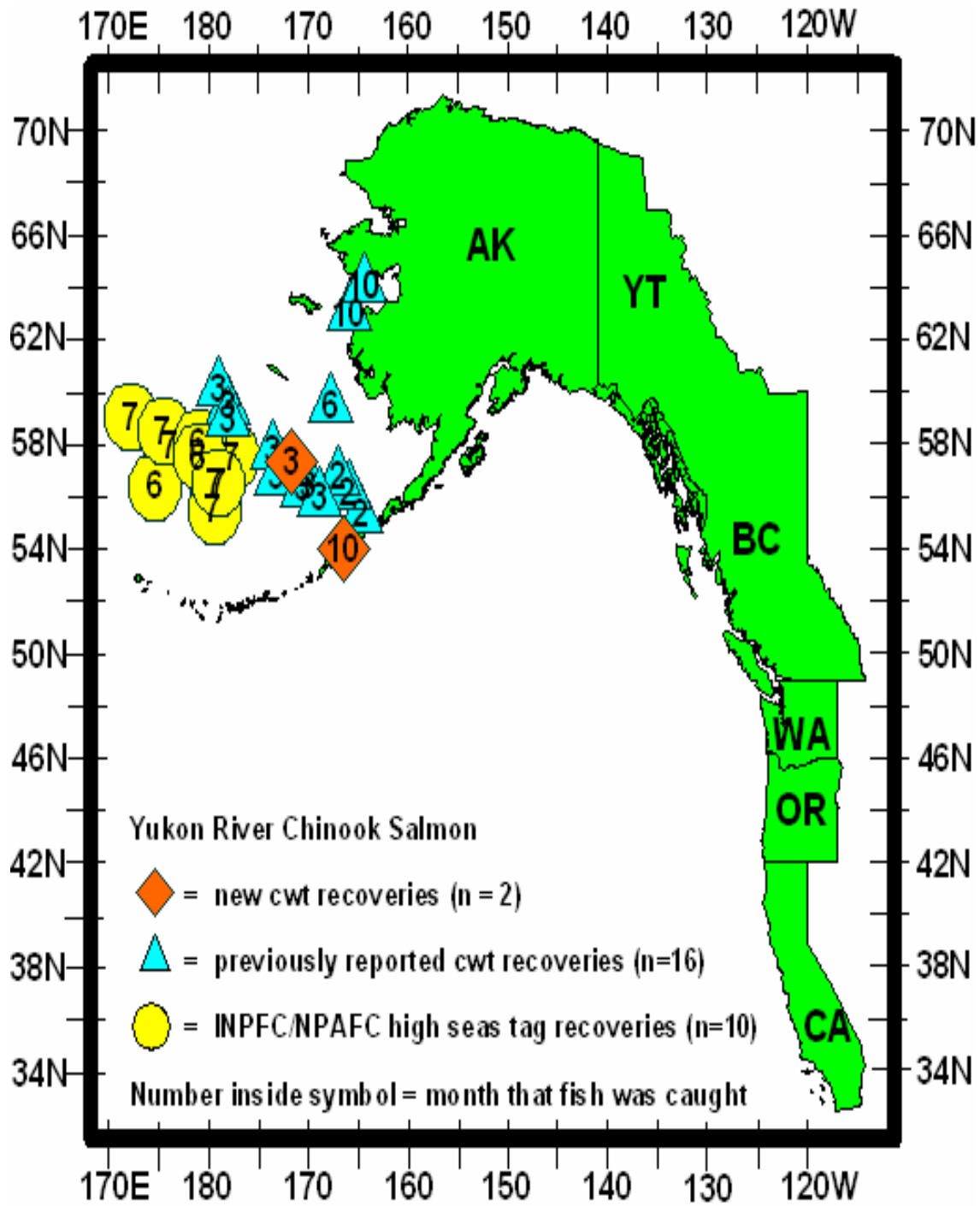


Fig. 2. The ocean distribution of Yukon River chinook salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of two new recoveries of cwt fish (Table 1, fish nos. 2 and 3) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

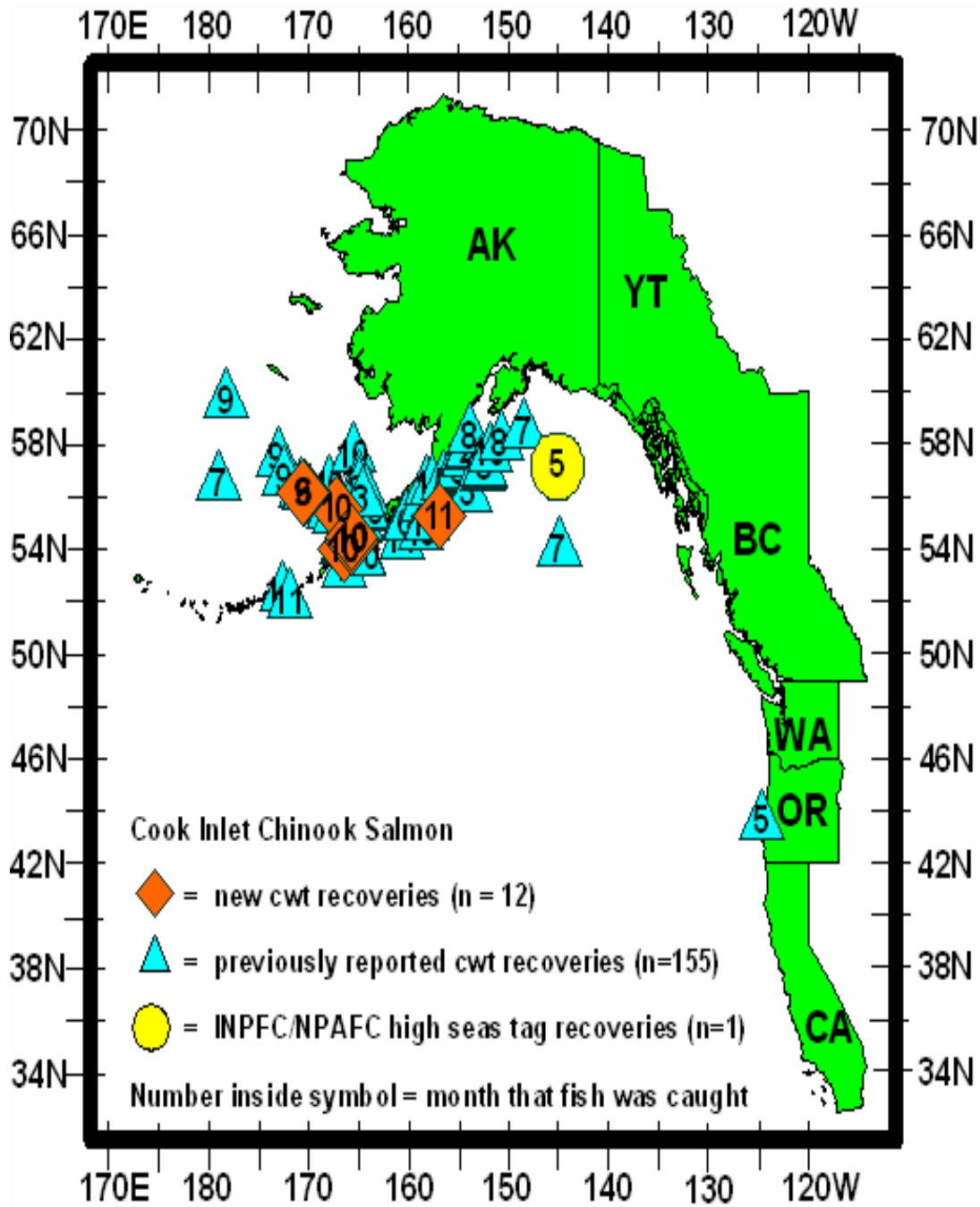


Fig. 3. The ocean distribution of Central Alaska (Cook Inlet) chinook salmon, as shown by high seas tag recoveries, 1956-2005. Processing plant recoveries of coded wire tagged (cwt) fish are not included. The geographic locations of 12 new recoveries of cwt fish (Table 1, fish nos. 4-14; Table 2, fish no.11) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

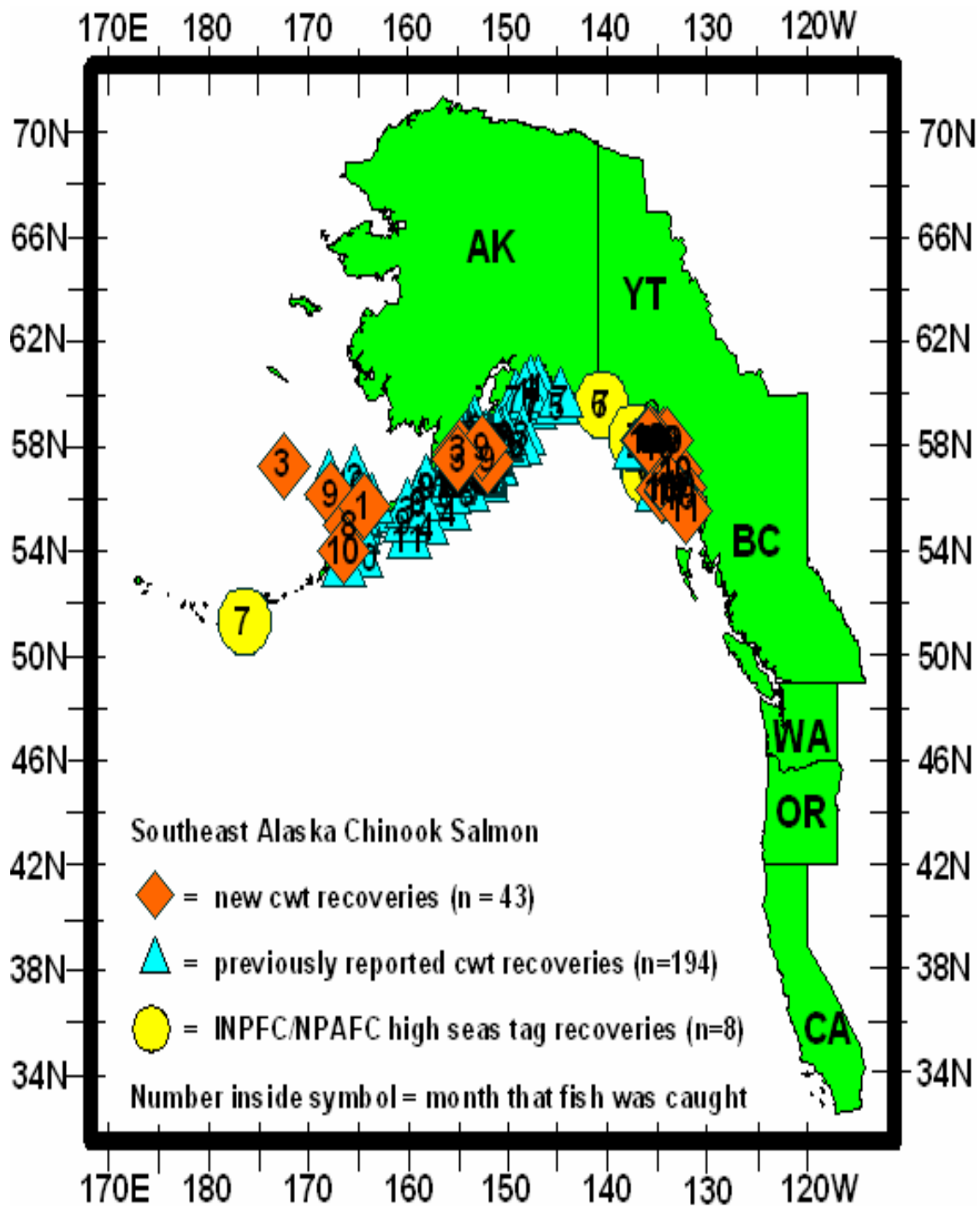


Fig. 4. The ocean distribution of Southeast Alaska chinook salmon, as shown by high seas tag recoveries, 1956-2005. Processing plant recoveries of coded wire tagged (cwt) fish are not included. The geographic locations of 43 new recoveries of cwt fish (Table 1, fish nos. 15-21 and 66-69; Table 2, fish nos. 12-44) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

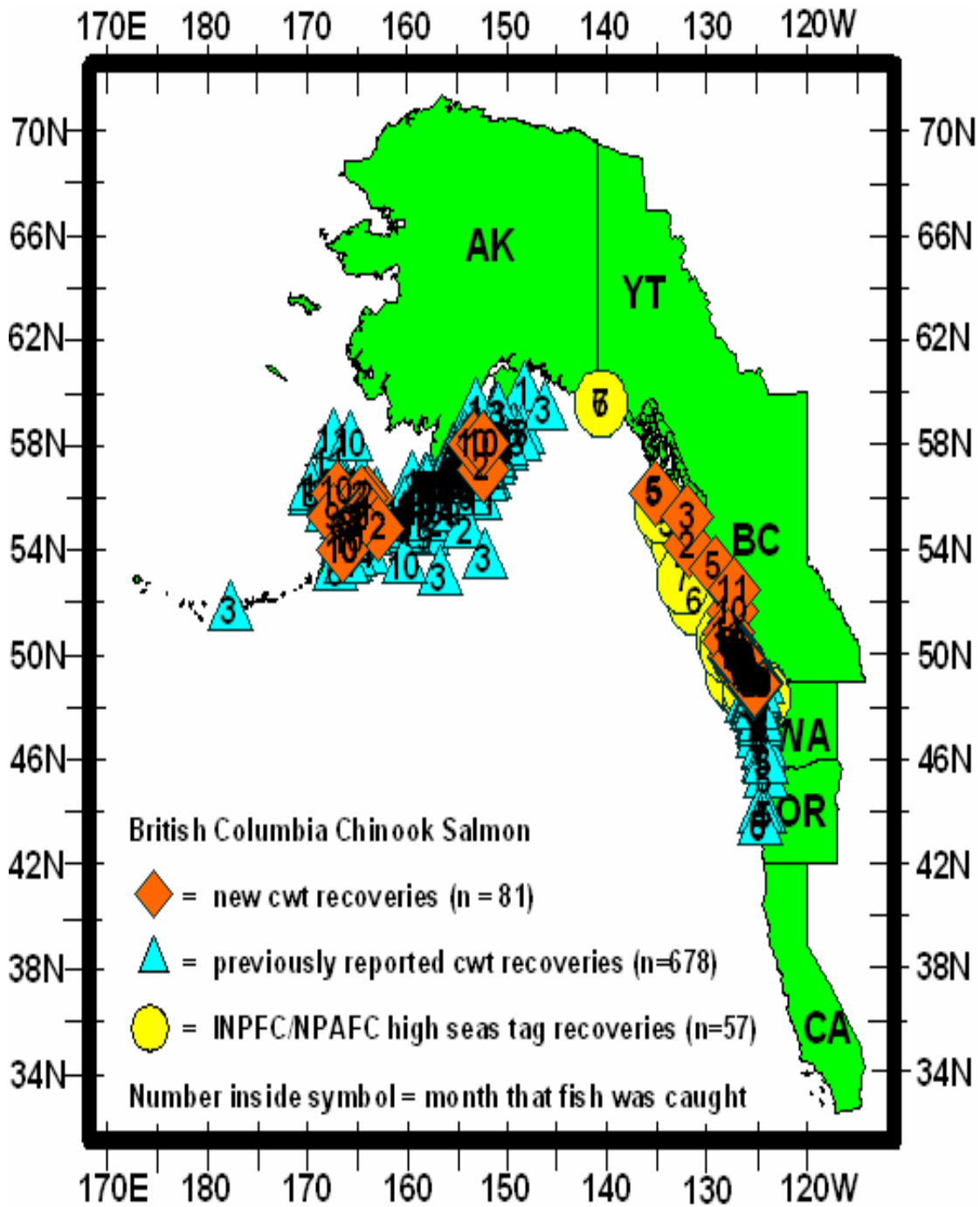


Fig. 5. The ocean distribution of British Columbia chinook salmon, as shown by high seas tag recoveries, 1956-2005. Processing plant recoveries of coded wire tagged (cwt) fish are not included. The geographic locations of 81 new recoveries of cwt fish (Table 1, fish nos. 22-46 and 70-74; Table 2, fish nos. 45-56 and 160-204) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

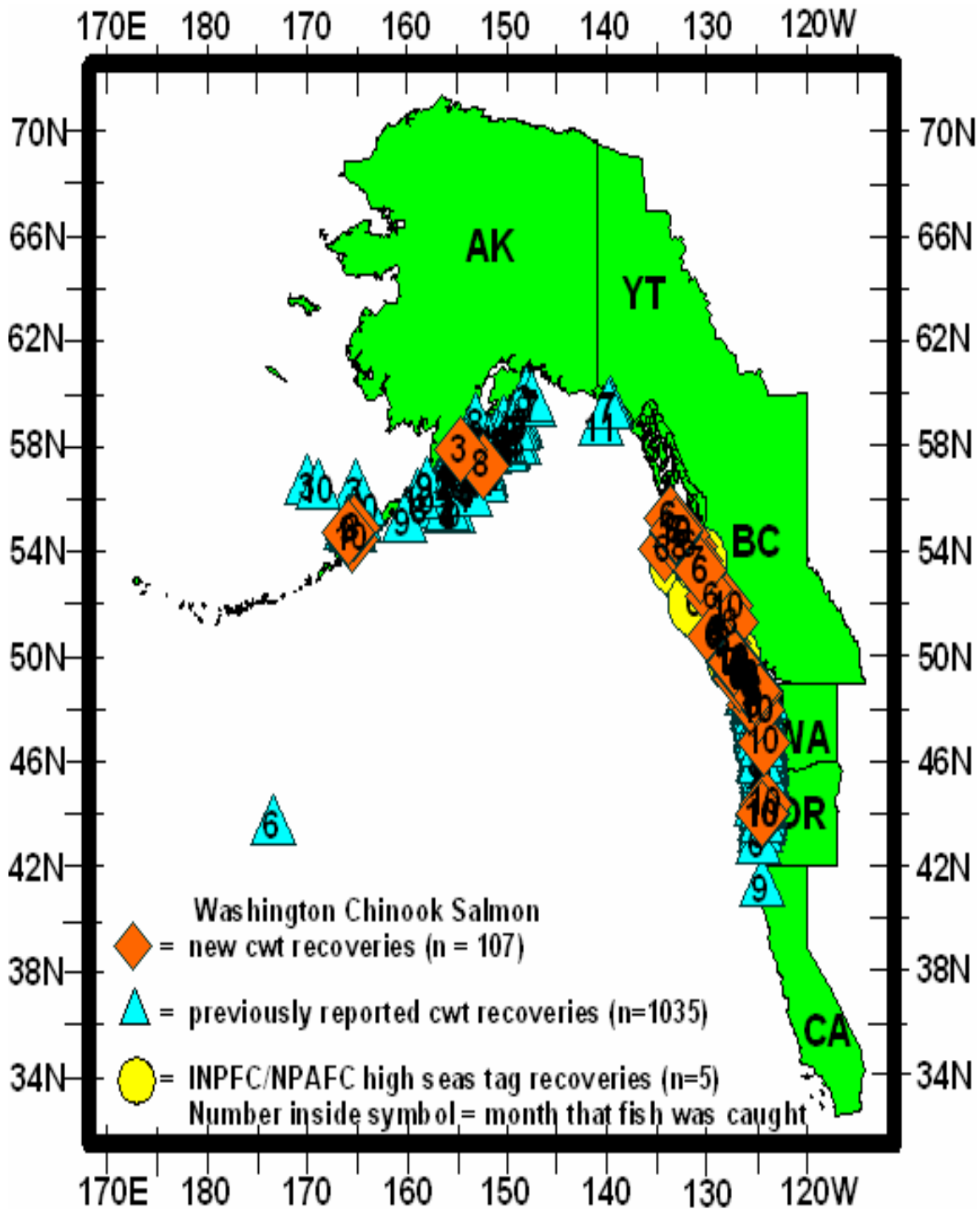


Fig. 6. The ocean distribution of Washington chinook salmon, as shown by high seas tag recoveries, 1956-2005. Processing plant recoveries of coded wire tagged (cwt) fish are not included. The geographic locations of 107 new recoveries of cwt fish (Table 1, fish nos. 47-52 and 75-77; Table 2, fish nos. 57-80 and 205-282) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

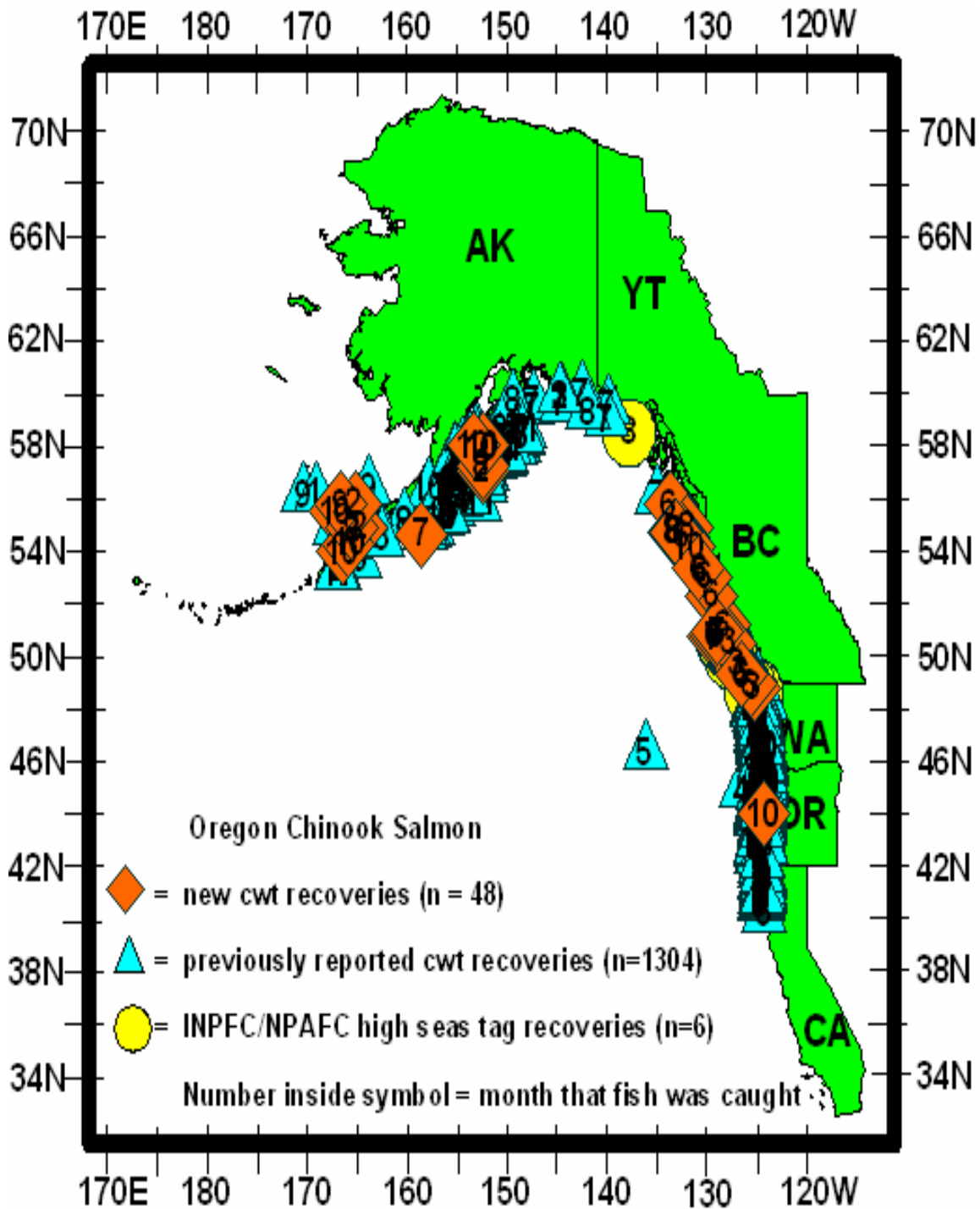


Fig. 7. The ocean distribution of Oregon chinook salmon, as shown by high seas tag recoveries, 1956-2005. Processing plant recoveries of coded wire tagged (cwt) fish are not included. The geographic locations of 48 new recoveries of cwt fish (Table 1, fish nos. 53-64 and 78-83; Table 2, fish nos. 81-106 and 283-290) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

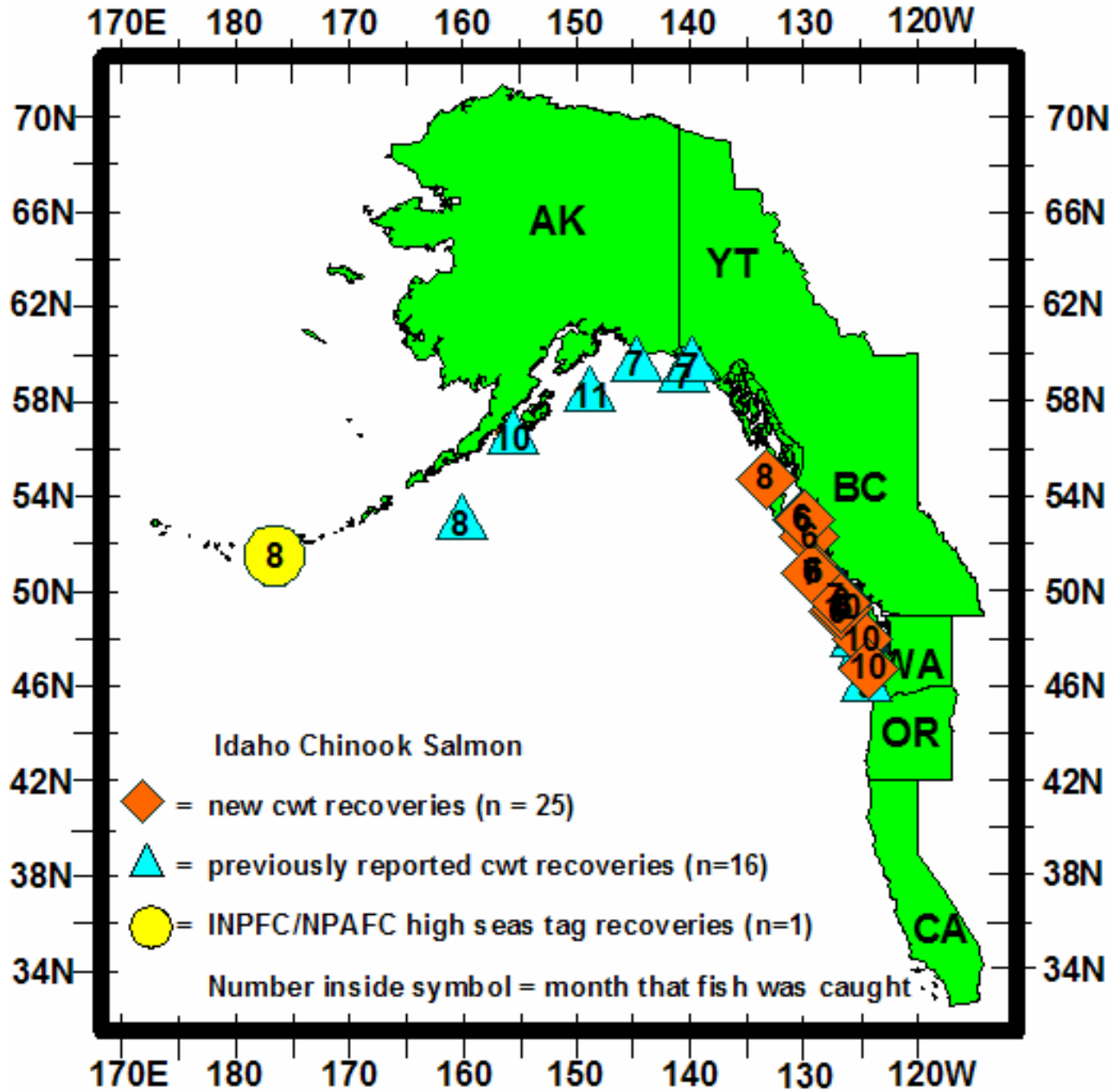


Fig. 8. The ocean distribution of Idaho chinook salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of 25 new recoveries of cwt fish (Table 2, fish nos. 107-117 and 291-304) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

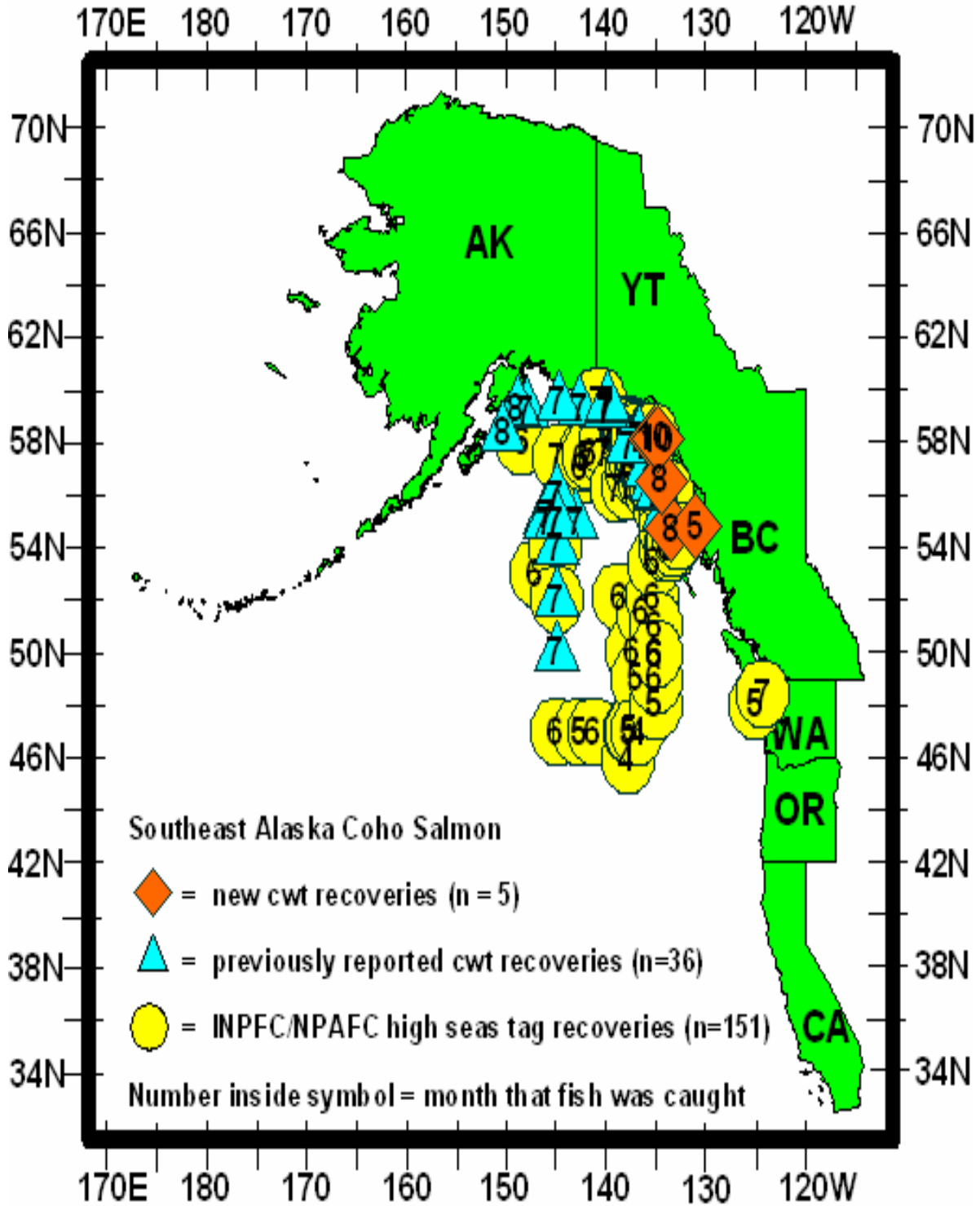


Fig. 9. The ocean distribution of Southeast Alaska coho salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of 5 new recoveries of cwt fish (Table 2, fish nos. 118-122) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

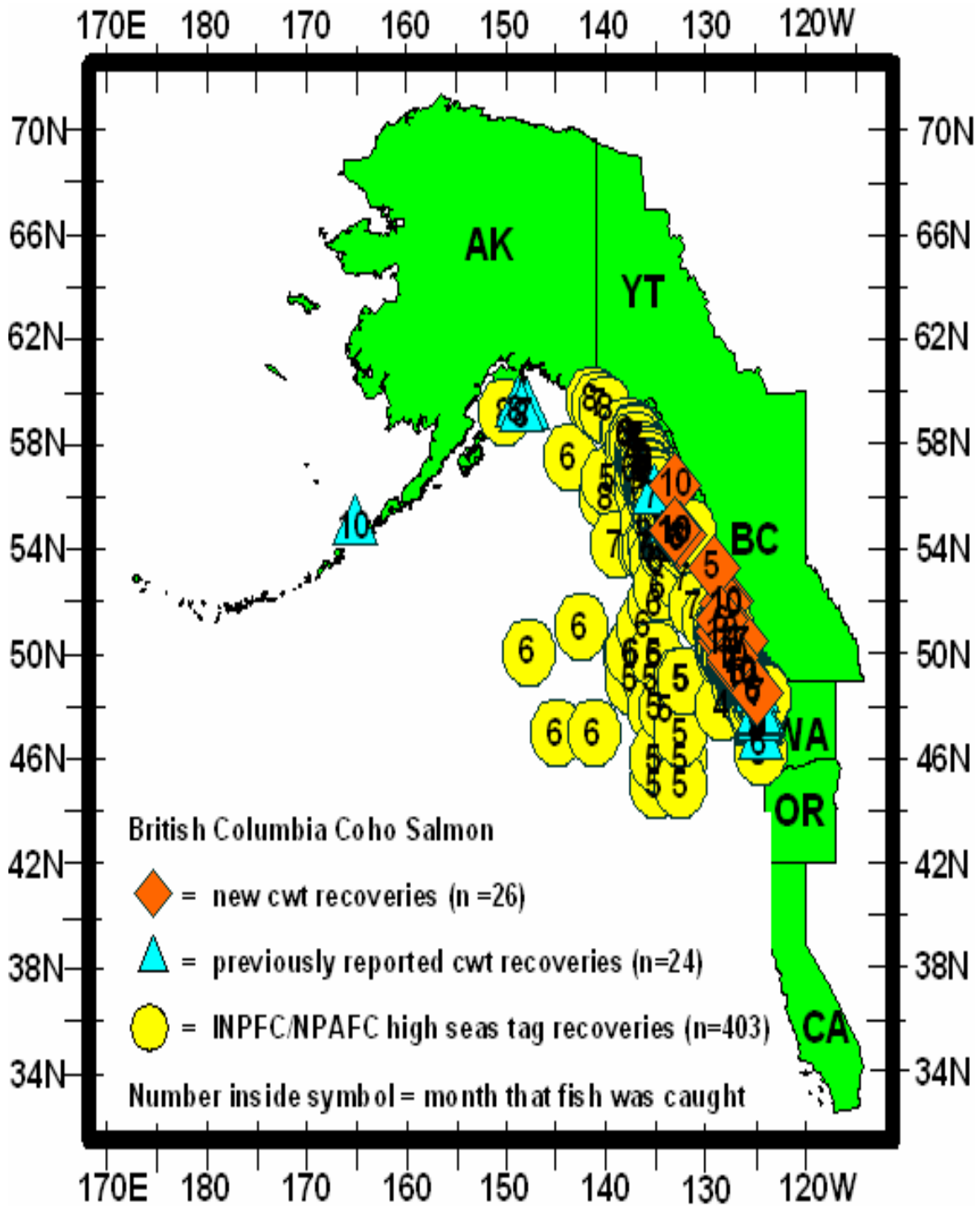


Fig. 10. The ocean distribution of British Columbia coho salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of 26 new recoveries of cwt fish (Table 2, fish nos. 123-138 and 305-314) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

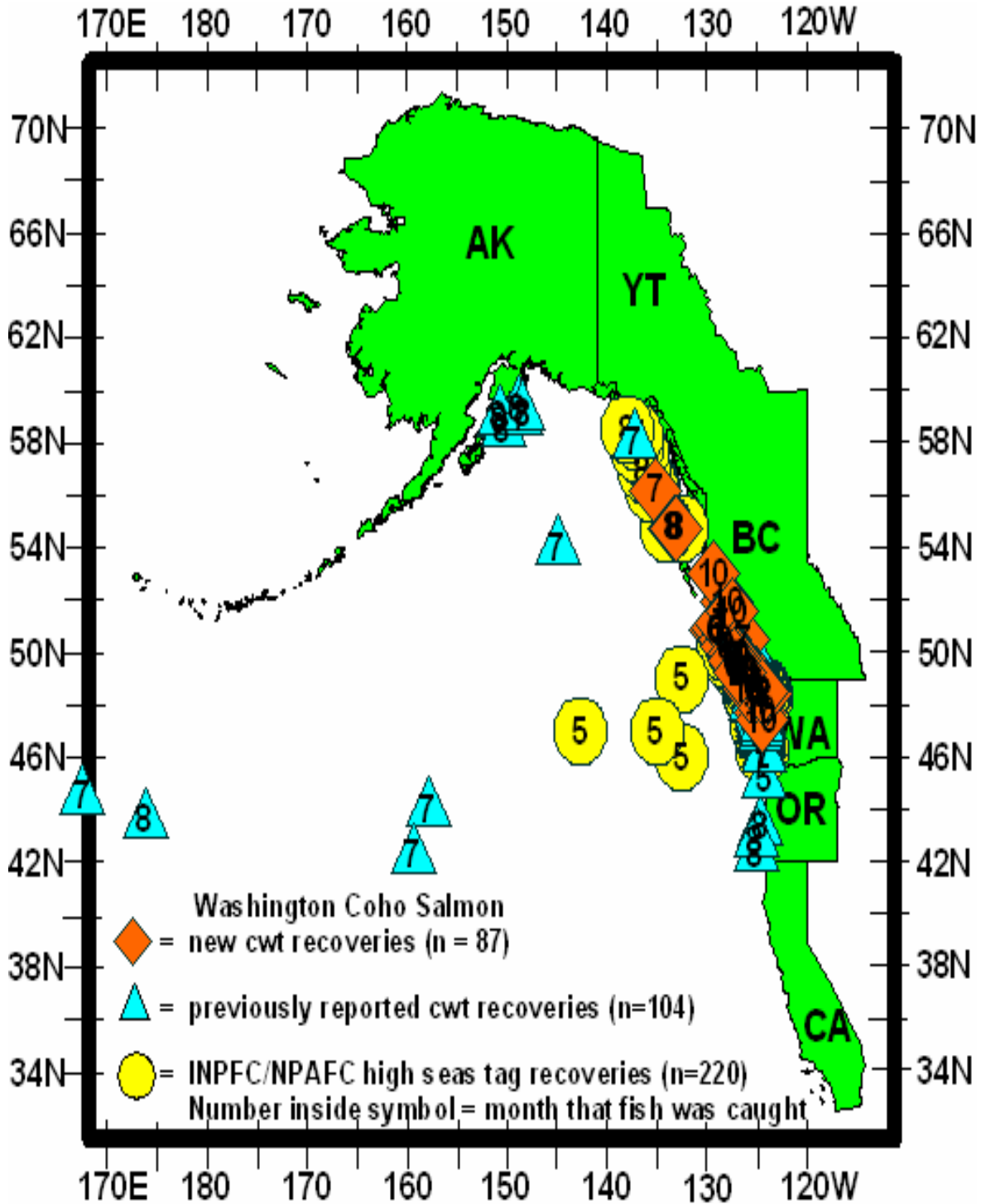


Fig. 11. The ocean distribution of Washington coho salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of 87 new recoveries of cwt fish (Table 2, fish nos. 139-155 and 315-384) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

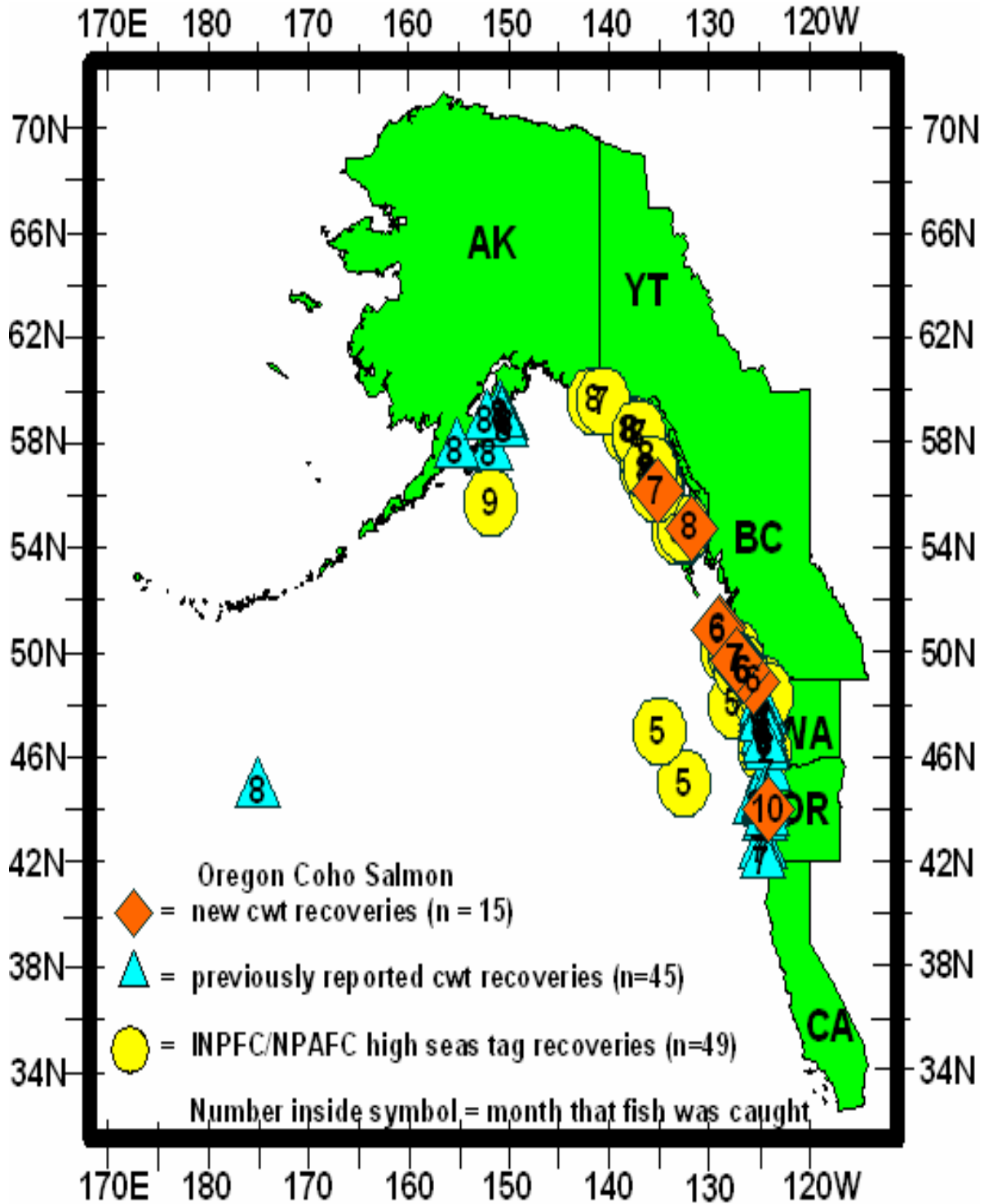


Fig. 12. The ocean distribution of Oregon coho salmon, as shown by high seas tag recoveries, 1956-2005. The geographic location of 15 new recoveries of cwt fish (Table 2, fish nos. 156-159 and 385-395) are indicated in the figure by closed (orange) diamonds. AK=Alaska, YT=Yukon Territory, BC=British Columbia, WA=Washington, OR=Oregon, CA=California.

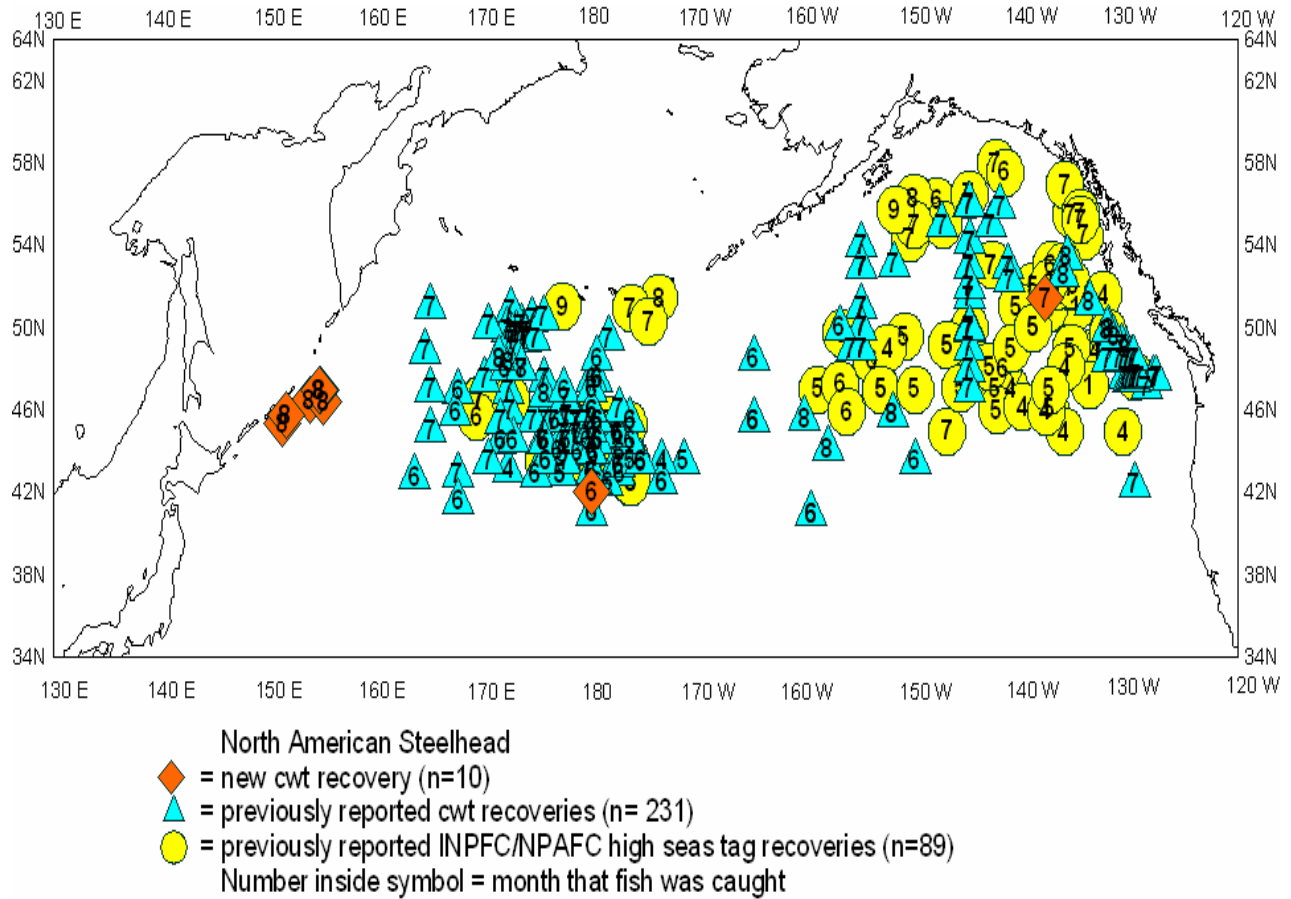


Fig. 13. The ocean distribution of North American steelhead trout, as shown by INPFC/NPAFC high seas tag and CWT recoveries, 1956-2004. The geographic locations of ten new recoveries of CWT steelhead (Table 2) are indicated by a closed diamond.

Table 1. Release and recovery information for coded-wire tagged salmon (*Oncorhynchus spp.*) caught in 2004-2005 U.S. commercial groundfish trawl fisheries for walleye pollock (*Theragra chalcogramma*) in the Bering Sea, Aleutian Islands, and Gulf of Alaska. All recoveries in the table are reported for the first time (1 September 2004-31 August 2005 reporting period). Species: CHIN=chinook salmon (*O. tshawytscha*), CHUM=chum salmon (*O. keta*). Run type: SP=spring, SU=summer, F=fall. Rearing type: H=hatchery, W=wild. State: AK=Alaska, BC=British Columbia, OR=Oregon, WA=Washington, YT=Yukon Territory. TSFT=Tip of snout to fork of tail length. Wt=whole body weight. Sex: M=male, F=female. NMFS statistical areas are shown in Appendix Fig. 1.

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex
A. Chum Salmon-Bering Sea Recoveries																					
1.	184658	CHUM	S-SLIAMMON R	F	H	2000	G S T	GSMN	R-SLIAMMON R	BC	CDFO	20010523	20040815	55	35	164	39	W	750	5.4	M
B. Chinook Salmon-Bering Sea Recoveries																					
2.	185061	CHIN	S-YUKON R	F	H	2001	YUKN	YUKN	R-MITCHIE CR	YT	CDFO	20020610	20050315	57	21	171	39	W	640	3.1	F
3.	185101	CHIN	S-YUKON R	SP	H	2001	YUKN	YUKN	R-WOLF CR/YUKN	YT	CDFO	20020523	20041008	54	1	166	29	W	590	2.34	F
4.	310199	CHIN	CROOKED CR 244-30		H	2001	CNAK	COOK	CROOKED CR 244-30	AK	ADFG	20020605	20040901					W	710	4.82	F
5.	310199	CHIN	CROOKED CR 244-30		H	2001	CNAK	COOK	CROOKED CR 244-30	AK	ADFG	20020605	20041011	53	58	166	33	W	720	4.86	F
6.	310199	CHIN	CROOKED CR 244-30		H	2001	CNAK	COOK	CROOKED CR 244-30	AK	ADFG	20020605	20041008	54	1	166	29	W	630	3.12	F
7.	310199	CHIN	CROOKED CR 244-30		H	2001	CNAK	COOK	CROOKED CR 244-30	AK	ADFG	20020605	20041029	55	32	167	11	W	630	3.05	F
8.	310252	CHIN	DECEPTION CR 247-41		H	2001	CNAK	COOK	DECEPTION CR 247-41	AK	ADFG	20020624	20041029	55	32	167	11	W	730	4.52	M
9.	310253	CHIN	DECEPTION CR 247-41		H	2001	CNAK	COOK	DECEPTION CR 247-41	AK	ADFG	20020624	20040911	56	10	170	36	W	620	2.85	F
10.	310254	CHIN	DECEPTION CR 247-41		H	2001	CNAK	COOK	DECEPTION CR 247-41	AK	ADFG	20020621	20040612	56	8	170	26	W	540	1.93	F
11.	310270	CHIN	DECEPTION CR 247-41		H	2002	CNAK	COOK	DECEPTION CR 247-41	AK	ADFG	20030619	20041005	54	20	165	50	W	420	0.88	F
12.	310273	CHIN	CROOKED CR 244-30		H	2002	CNAK	COOK	CROOKED CR 244-30	AK	ADFG	20030605	20041006					W	480	1.46	F
13.	310282	CHIN	NINILCHIK R 244-20		H	2001	CNAK	COOK	NINILCHIK R 244-20	AK	ADFG	20020614	20041006	54	27	165	40	W	700	4.4	F
14.	310282	CHIN	NINILCHIK R 244-20		H	2001	CNAK	COOK	NINILCHIK R 244-20	AK	ADFG	20020614	20041007	54	1	166	29	W	680	3.92	F
15.	032262	CHIN	UNUK R 101-75		H	2001	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20030519	20050127	55	44	164	28	W	570	2.47	

Table 1 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitud (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex
16.	040490	CHIN	KETCHIKAN CR		H	2000	SEAK	SEAK	KETCHIKAN CR 101-47	AK	KTHC	20020522	20050316	5 7	1 6	172	3 2	W	750	5.43	
17.	040533	CHIN	STIKINE R 108-40		W	2000	SEAK	SEAK	STIKINE R 108-40	AK	ADFG	20020601	20041011	5 3	5 8	166	3 3	W	730	5.88	M
18.	040541	CHIN	TAKU R 111-32		W	2000	SEAK	SEAK	TAKU R 111-32	AK	ADFG	20020520	20040000					W	570	3	
19.	040549	CHIN	TAKU R 111-32		W	2000	SEAK	SEAK	TAKU R 111-32	AK	ADFG	20020512	20041007	5 4	1	166	2 9	W	710	5.18	M
20.	044824	CHIN	MEDVE JIE		H	2000	SEAK	SEAK	BEAR COVE 113-41	AK	NSRA	20020523	20040827	5 4	5 8	165	5 5	W	710	4.64	F
21.	044824	CHIN	MEDVE JIE		H	2000	SEAK	SEAK	BEAR COVE 113-41	AK	NSRA	20020523	20040919	5 6	8	167	4 9	W	750	6.04	
22.	182335	CHIN	S-BURMAN R	F	H	2002	WCVI	NWVI	R-BURMAN R	BC	CDFO	20030527	20050226	5 5	1 6	164	5 0	W	470	1.14	F
23.	182336	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA R	BC	CDFO	20030624	20050226	5 5	1 6	164	5 0	W	480	1.36	F
24.	183030	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA R	BC	CDFO	20030624	20050313	5 4	5 9	165	1	W	540	2.1	M
25.	184302	CHIN	S-KITSUM BEL CANYON	SU	H	2001	NASK	SKNA	R-KITSUM BEL CANYON	BC	CDFO	20030424	20041007	5 4	1	166	2 9	W	560	2.7	M
26.	184309	CHIN	S-KENNEDY R LOW	F	H	2001	WCVI	SWVI	R-KENNEDY R LOW	BC	CDFO	20020601	20041005	5 4	1 8	165	5 4	W	580	2.56	M
27.	184309	CHIN	S-KENNEDY R LOW	F	H	2001	WCVI	SWVI	R-KENNEDY R LOW	BC	CDFO	20020601	20050213					W	660	3.52	F
28.	184309	CHIN	S-KENNEDY R LOW	F	H	2001	WCVI	SWVI	R-KENNEDY R LOW	BC	CDFO	20020601	20050201	5 5	5	165	1	W	690	4.18	M
29.	184348	CHIN	S-BULKLEY R UP	SP	H	2000	NASK	SKNA	R-BULKLEY R UP	BC	CDFO	20020503	20041007	5 4	1	166	2 9	W	710	4.62	F
30.	184529	CHIN	S-CONUMA R	F	H	2000	WCVI	NWVI	R-CONUMA R	BC	CDFO	20010514	20040211	5 5	1 0	165	2 4	W	620	2.7	M
31.	184558	CHIN	S-NITINAT R	F	H	2000	WCVI	SWVI	R-NITINAT R	BC	CDFO	20010609	20040000					W	560	2.42	
32.	184621	CHIN	S-KITSUM ABV CANYON	SU	H	2000	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20020425	20040826	5 4	5 8	166	5	W	700	4.48	F
33.	184621	CHIN	S-KITSUM ABV CANYON	SU	H	2000	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20020425	20041007	5 4	1	166	2 9	W	710	5.66	F
34.	184621	CHIN	S-KITSUM ABV CANYON	SU	H	2000	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20020425	20041007	5 4	1	166	2 9	W	720	5.34	F
35.	184621	CHIN	S-KITSUM ABV CANYON	SU	H	2000	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20020425	20040825	5 4	5 5	166	4 5	W	740	5.48	M
36.	184646	CHIN	S-COWICHAN R	F	H	2001	G S T	GSVI	R-COWICHAN R	BC	CDFO	20020430	20040901					W	510	1.72	M
37.	184653	CHIN	S-ATNARKO R LOW	SU	H	2001	COBC	CCST	R-ATNARKO R LOW	BC	CDFO	20020605	20041011	5 6	1 2	167	4	W	700	4.95	M
38.	184653	CHIN	S-ATNARKO R LOW	SU	H	2001	COBC	CCST	R-ATNARKO R LOW	BC	CDFO	20020605	20050203	5 6	2	164	3 9	W	670	3.88	F

Table 1 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyymmdd)	Recovery date (yyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex
39.	184655	CHIN	S-DOME CR	SP	H	2001	FRTH	UPFR	R-DOME CR	BC	CDFO	20020826	20040912	5 5	1 4	167	2 6	W	520	1.56	M
40.	184662	CHIN	S-SAN JUAN R	F	H	2000	WCVI	SWVI	R-FAIRY LAKE	BC	CDFO	20010615	20050121	5 5	2 5	164	1 6	W	780	6.27	F
41.	184701	CHIN	S-KENNEDY R LOW	F	H	2000	WCVI	SWVI	R-KENNEDY R LOW	BC	CDFO	20010525	20050211	5 6	1	164	7	W	740	4.64	
42.	184711	CHIN	S-SHUSWAP R LOW	SU	H	2001	FRTH	TOMF	R-SHUSWAP R LOW	BC	CDFO	20020519	20050211					W	660	3.71	F
43.	184819	CHIN	S-ATNARKO R LOW	SU	H	2000	COBC	CCST	R-ATNARKO R	BC	CDFO	20010605	20040202	5 4	5 1	162	5 2	W	720	5.03	
44.	184822	CHIN	S-ATNARKO R UP	SU	H	2000	COBC	CCST	R-ATNARKO R	BC	CDFO	20010605	20050127	5 4	5 8	164	5 9	W	780	6.87	F
45.	184903	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-CONUMA R	BC	CDFO	20020529	20040319					W	550	1.82	M
46.	185148	CHIN	S-SHUSWAP R LOW	SU	H	2002	FRTH	TOMF	R-SHUSWAP R LOW	BC	CDFO	20030515	20041008	5 4	1	166	2 9	W	530	1.86	M
47.	050785	CHIN	QUINault R 21.0398	F	H	2001	NWC	QEQU	COOK CR 21.0429	WA	F W S	20020718	20041005	5 4	2 9	165	3 6	W	580	2.42	F
48.	050785	CHIN	QUINault R 21.0398	F	H	2001	NWC	QEQU	COOK CR 21.0429	WA	F W S	20020718	20040831	5 4	5 2	165	2 6	W	590	2.82	M
49.	210393	CHIN	QUEETS R 21.0016	F	H	2001	NWC	QEQU	SALMON R 21.0139	WA	QDNR		20040919	5 4	4 7	166	5 2	W	650	2.74	F
50.	630680	CHIN	LEWIS R 27.0168	SP	H	2001	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20030313	20041015					W	500	1.48	
51.	630888	CHIN	KALAMA R 27.0002	SP	H	2000	LOCR	LEWI	FALLERT CR 27.0017	WA	WDFW	20020415	20040722					W	680	3.84	F
52.	631522	CHIN	KALAMA R 27.0002	SP	H	2001	LOCR	LEWI	GOBAR CR 27.0073	WA	WDFW	20030305	20041007					W	580	2.2	F
53.	070923	CHIN	COLUMBIA R UPRIVER S	F	H	2001	LOCR	SAND	TANNER CR (BNVILLE)	OR	ODFW	20010802	20041028	5 5	3 2	167	1 1	W	650	3.38	F
54.	090121	CHIN	SANTIAM R N FK	SP	H	2000	LOCR	YOCL	BLIND SL (LWR COL R)	OR	ODFW	20020430	20040201	5 4	5 7	164	4 0	W	670	3.52	F
55.	090122	CHIN	SANTIAM R N FK	SP	H	2000	LOCR	YOCL	BLIND SL (LWR COL R)	OR	ODFW	20020510	20040319					W	560	1.96	F
56.	092106	CHIN	TRASK R (TRASK HT)	F	H	2001	NOOR	W T N	T R A S K R	OR	ODFW	20020811	20040000						600	3.56	F
57.	093315	CHIN	SALMON R	F	H	2000	NOOR	SIYA	SALMON R	OR	ODFW	20010825	20040831	5 4	4 9	165	2 7	W	670	4.15	F
58.	093346	CHIN	UMATILLA R	SP	H	2000	CECR	UMAT	UMATILLA R	OR	ODFW	20020308	20041011	5 3	5 8	166	3 3	W	710	4.64	M
59.	093534	CHIN	SALMON R	SP	H	2001	NOOR	SIYA	SALMON R	OR	ODFW	20020816	20041006	5 4	1 8	165	5 1	W	660	3.86	M
60.	093534	CHIN	SALMON R	SP	H	2001	NOOR	SIYA	SALMON R	OR	ODFW	20020816	20050218	5 4	5 5	165	3 4	W	630	2.9	M
61.	093747	CHIN	WILLAMETTE R MID FK	SP	H	2002	LOCR	WILL	WILLAMETTE R M FK-2	OR	ODFW	20031103	20050213	5 5	5 0	165	1 5	W	460	1.14	

Table 1 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyymmdd)	Recovery date (yyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex
62.	093815	CHIN	SALMON R	F	H	2002	NOOR	SIYA	SALMON R	OR	ODFW	20030819	20041017						470	1.18	F
63.	093815	CHIN	SALMON R	F	H	2002	NOOR	SIYA	SALMON R	OR	ODFW	20030819	20041027						920	9.2	F
64.	093816	CHIN	YAQUINA B SALMON RAN	F	H	2002	NOOR	SIYA	YAQUINA R	OR	ODFW	20030902	20040907	5 5	4 9	166	4 1	W	460	1.4	F
C. Chinook Salmon-Gulf of Alaska Recoveries																					
65.	040747	CHIN	CRYSTAL CR		H	2001	SEAK	SEAK	ANITA BAY 107-30	AK	SSRA	20030527	20050312	5 7	3 0	155	4	W	560	2.1	F
66.	040748	CHIN	CRYSTAL CR		H	2001	SEAK	SEAK	ANITA BAY 107-30	AK	SSRA	20030527	20040913	5 7	5 8	152	3 3	W	500	1.7	F
67.	040760	CHIN	WHITMAN LK		H	2001	SEAK	SEAK	HERRING COVE 101-45	AK	SSRA	20030511	20040906	5 7	2 8	152	0	W	540	2.4	F
68.	044836	CHIN	MEDVE JIE		H	2001	SEAK	SEAK	BEAR COVE 113-41	AK	NSRA	20030527	20050218					W	550	2.2	M
69.	044847	CHIN	MEDVE JIE		H	2000	SEAK	SEAK	BEAR COVE 113-41	AK	NSRA	20020523	20040314	5 7	4 9	154	5 4	W	590	2.2	
70.	183030	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA R	BC	CDFO	20030624	20050208	5 7	7	152	2 9	W	530	2	M
71.	184053	CHIN	S-MARIA SL	SU	H	2002	FRTH	LWFR	R-MARIA SL	BC	CDFO	20030529	20041008	5 8	1	153	1 8	W	490	1.7	M
72.	184936	CHIN	S-ATNARKO R LOW	SU	H	2002	COBC	CCST	R-ATNARKO R LOW	BC	CDFO	20030603	20041008	5 8	2	152	2 9	W	430	1.1	M
73.	185049	CHIN	S-KITSUM ABV CANYON	SU	H	2001	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20020523	20041008	5 8	2	152	2 9	W	560	2.4	M
74.	185639	CHIN	S-ROBERTSON CR	F	H	2002	WCVI	SWVI	R-HARBOUR QUAY	BC	CDFO	20030522	20050208					W	550	2.4	F
75.	630889	CHIN	WELLS HATCHERY	SU	H	2001	UPCR	WACO	COL R @ TURTLE ROCK	WA	WDFW	20030528	20050316	5 7	5 1	154	4 4	W	530	1.8	F
76.	630952	CHIN	KALAMA R 27.0002	SP	H	2000	LOCR	LEWI	GOBAR CR 27.0073	WA	WDFW	20020309	20040827	5 7	1 8	152	2 9	W	680	4.26	F
77.	631774	CHIN	SAMISH (FRIDAY CR)	F	H	2002	NOOK	S A M	FRIDAY CR 03.0017	WA	WDFW	20030514	20050212					W	500	1.5	F
78.	092109	CHIN	GARDNER CR (UMPQUA)	F	H	2001	SOOR	UMPQ	UMPQUA R	OR	ODFW	20020619	20041009	5 7	5 8	152	3 3	W	450	1.54	M
79.	092944	CHIN	COQUILLE R	F	H	2000	SOOR	COQU	SEVENMILE CR (COQUIL)	OR	ODFW	20010930	20040725	5 4	4 1	158	3 2	W	580	2.75	M
80.	093747	CHIN	WILLAMETTE R MID FK	SP	H	2002	LOCR	WILL	WILLAMETTE R M FK-2	OR	ODFW	20031103	20040827	5 7	1 8	152	2 9	W	450	1.28	F
81.	093812	CHIN	ELK R (ELK R HT)	F	H	2002	SOOR	SIXE	E L K R	OR	ODFW	20031116	20050208	5 7	7	152	2 9	W	490	1.7	F
82.	093815	CHIN	SALMON R	F	H	2002	NOOR	SIYA	SALMON R	OR	ODFW	20030819	20041008	5 8	2	152	2 9	W	460	1.4	F
83.	093816	CHIN	YAQUINA B SALMON RAN	F	H	2002	NOOR	SIYA	YAQUINA R	OR	ODFW	20030902	20041009	5 8	1	153	2 4	W	440	1.2	F

¹Region: CECR=Central Columbia R (Bonneville Dam to McNary Dam), CNAK=central Alaska, COBC=Coastal British Columbia, FRTH=Fraser R-Thompson R, GST=Georgia Strait, LOCR=Lower Columbia R (mouth to Bonneville Dam), NASK=Nass R - Skeena R, NOOK=Nooksack R, NOOR=North Coastal Oregon, NWC=North Washington Coast, SEAK=Southeast Alaska, SOOR=South Coastal Oregon, UPCR=Upper Columbia R (above McNary Dam; excluding Snake R); WCVI=Western Vancouver Island, YUKN=Yukon Territory (Yukon R in Yukon Territory only).

²Basin (if different than region): CCST=Central Coastal BC, COOK=Cook Inlet, COQU=Coquille R, GSMN=Georgia Strait-Mainland North, GSVI=Georgia Strait-Vancouver Island, LEWI=Lewis R/WA, LWFR=Lower Fraser R (below Hope+tributaries), NWVI=NW Vancouver Island, QEU=Queets R - Quinault R, SAM=Samish R, SAND=Sandy R/OR, SIXE=Sixes R-Elk R-Floras Cr, SIYA=Siletz R - Yaquina R, SKNA=Skeena R, SWVI=SW Vancouver Island, TOMF, UMAT=, UMPQ=Umpqua, UPFR=Upper Fraser R (above Hope+tribs; excluding Thompson R), WACO=Wanapum R-Coulee Res/WA, WILL=Willamette R., WTN=Wilson R-Trask R-Nestucca R, YOCL=Youngs Bay-Clatskanie R/OR

³Agency: ADFG=Alaska Department of Fish & Game, CDFO=Canadian Department of Fisheries and Oceans, FWS=U.S. Fish and Wildlife Service, KTHC=Karuk Tribe (CA), NMFS=National Marine Fisheries Service (AK), NSRA=Northern Southeast Regional Aquaculture Assn. (AK), ODFW=Oregon Department of Fish & Wildlife, QDNR=Quinault Department of Natural Resources, SSRA=Southern Southeast Regional Aquaculture Assn. (AK), WDFW=Washington Department of Fish & Wildlife.

Table 2. Release and recovery information for coded-wire tagged salmonids (*Oncorhynchus* spp.) caught by Canadian, Japanese, and Russian salmon research vessels in the Bering Sea and North Pacific Ocean. All recoveries in the table are reported for the first time (1 September 2003 - 31 August 2004 reporting period). Species: CHIN=chinook salmon (*O. tshawytscha*), COHO=coho salmon (*O. kisutch*), STEEL=steelhead trout (*O. mykiss*). Run type: F=fall (includes type S coho), LF=late fall N coho, SP=spring, SU=summer, UB=late fall upriver bright chinook, W=winter. Rearing type: H= Hatchery. State: AK = Alaska, ID=Idaho, OR = Oregon. TSFT = Tip of snout to fork of tail length. Wt = whole body weight. Sex: M = male, F = female. Gear: G=research gillnet, L=research longline, T=research trawl.

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
A. Western North Pacific Ocean Recoveries																							
1.	050265	STEEL	DWOR B	SU	H	2002	SNAK	CLEA	MAINSTEM CLWTR R	ID	FWS	20030423	20040810	46	59	154	44	E	620	2.5	F	G	Russia
2.	050265	STEEL	DWOR B	SU	H	2002	SNAK	CLEA	MAINSTEM CLWTR R	ID	FWS	20030423	20040828	45	21	151	16	E	655	3.04	F	G	Russia
3.	050272	STEEL	DWOR B	SU	H	2002	SNAK	CLEA	MAINSTEM CLWTR R	ID	FWS	20030421	20040829	45	44	151	33	E	680	3.11	M	G	Russia
4.	053950	STEEL	DWOR B	SU	H	2002	SNAK	CLEA	MAINSTEM CLWTR R	ID	FWS	20030422	20040829	45	44	151	33	E	630	2.53	F	G	Russia
5.	109572	STEEL	DWOR B		H	2002	SNAK	CLEA	SFK CLWTR @ RED HOUSE	ID	IDFG	20030418	20040816	46	28	153	47	E	595	2.16	F	G	Russia
6.	109572	STEEL	DWOR B		H	2002	SNAK	CLEA	SFK CLWTR @ RED HOUSE	ID	IDFG	20030418	20040820	46	24	155	1	E	645	2.64	M	G	Russia
7.	109772	STEEL	DWOR B		H	2002	SNAK	SALM	SQUAW CRK	ID	IDFG	20030423	20040820	46	24	155	1	E	610	2.07	F	G	Russia
8.	109972	STEEL	DWOR B		H	2002	SNAK	SALM	LT SAL @ STINKY SPRGS	ID	IDFG	20030501	20040811	46	59	154	38	E	610	2.42	F	G	Russia
C. Central North Pacific Ocean Recoveries																							
9.	105773	STEEL	U SALMON B		H	2002	SNAK	SALM	SQUAW CRK PONDS	ID	IDFG	20030408	20050617	42	0	180	0		673	3.53	M	G	Japan
D. Gulf of Alaska (North of 50°N) Recoveries																							
10.	104216	STEEL	SAWTOOTH A	SU	H	1989	SNAK	SALM	SAWTOOTH HATCHERY	ID	IDFG	19900406	19920718	51	25	137	57	W	705	3.88	M	G	Canada
11.	312604	CHIN	DECEPTION CR 247-41	SP	H	1996	CNAK	COOK	DECEPTION CR 247-41	AK	ADFG	19970620	19971119	55	16	156	52	W	291	0.33	M	T	Canada
12.	040180	CHIN	CRYSTAL CR		H	1999	SEAK	SEAK	ANITA BAY 107-30	AK	SSRA	20010523	20011022	56	29	132	43	W	268	0.26	F	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
13.	040747	CHIN	CRYSTAL CR		H	2001	SEAK	SEAK	ANITA BAY 107-30	AK	SSRA	20030527	20031020	56	22	133	24	W	265	0.23	M	T	Canada
14.	040157	CHIN	CRYSTAL CR		H	1999	SEAK	SEAK	AUKE BAY 111-50	AK	DIPC	20010613	20011028	58	15	134	6	W	244	0.19	M	T	Canada
15.	040188	CHIN	CRYSTAL CR		H	1999	SEAK	SEAK	CRYSTAL CR 106-44	AK	SSRA	20010529	20011029	57	3	133	5	W	254	0.22	M	T	Canada
16.	040422	CHIN	CRYSTAL CR		H	1998	SEAK	SEAK	CRYSTAL CR 106-44	AK	ADFG	20000518	20011029	57	3	133	5	W	445	1.22		T	Canada
17.	040497	CHIN	CRYSTAL CR		H	2000	SEAK	SEAK	CRYSTAL CR 106-44	AK	SSRA	20020607	20021106	56	24	133	40	W	265	0.26	M	T	Canada
18.	503123	CHIN	MACAULAY		H	1998	SEAK	SEAK	FISH CR 111-50	AK	DIPC	20000609	20001022	58	11	135	8	W	232	0.15	M	T	Canada
19.	503123	CHIN	MACAULAY		H	1998	SEAK	SEAK	FISH CR 111-50	AK	DIPC	20000609	20001022	58	12	134	22	W	228	0.14	F	T	Canada
20.	040395	CHIN	CRYSTAL CR		H	1999	SEAK	SEAK	GASTINEAU CH 111-40	AK	DIPC	20010614	20011026	57	55	134	53	W	266	0.24	M	T	Canada
21.	044663	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001022	58	13	135	30	W	302	0.42	M	T	Canada
22.	044663	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001022	58	13	135	30	W	307	0.42	M	T	Canada
23.	044663	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001022	58	13	135	30	W	286	0.34	M	T	Canada
24.	044663	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001022	58	13	135	30	W	278	0.3	F	T	Canada
25.	044817	CHIN	HIDDEN FALLS	SP	H	1996	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	19980529	20001020	56	19	134	36	W	598	2.88		T	Canada
26.	044827	CHIN	HIDDEN FALLS		H	2000	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20020603	20021101	58	18	135	45	W	283	0.29	M	T	Canada
27.	044852	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001021	57	59	134	52	W	291	0.29	M	T	Canada
28.	044852	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001023	58	19	135	44	W	269	0.28	M	T	Canada
29.	044852	CHIN	HIDDEN FALLS		H	1998	SEAK	SEAK	KASNYKU BAY 112-11	AK	NSRA	20000524	20001023	58	19	135	44	W	279	0.28	F	T	Canada
30.	040423	CHIN	KETCHIKAN CR		H	1998	SEAK	SEAK	KETCHIKAN CR 101-47	AK	KTHC	20000515	20001026	56	1	132	45	W	297	0.32	M	T	Canada
31.	036241	CHIN	CHICKAMIN R 101-71	SP	H	1998	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20000518	20001023	58	16	135	44	W	280	0.33	M	T	Canada
32.	036242	CHIN	CHICKAMIN R 101-71	SP	H	1998	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20000518	20001022	58	13	135	30	W	296	0.3	M	T	Canada
33.	036245	CHIN	CHICKAMIN R 101-71	SP	H	1999	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20010518	20011029	57	3	133	5	W	304	0.39	F	T	Canada
34.	036246	CHIN	CHICKAMIN R 101-71	SP	H	1999	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20010518	20011029	57	3	133	5	W	305	0.37	F	T	Canada
35.	036247	CHIN	CHICKAMIN R 101-71	SP	H	1999	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20010518	20011030	56	24	134	22	W	293	0.34	F	T	Canada
36.	036247	CHIN	CHICKAMIN R 101-71	SP	H	1999	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20010518	20021101	58	15	135	20	W	463	1.14		T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
37.	036249	CHIN	UNUK R 101-75	SP	H	1999	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	20010518	20011028	58	15	134	6	W	315	0.43	M	T	Canada
38.	040518	CHIN	CHICKAMIN R 101-71		H	2000	SEAK	SEAK	NEETS BAY 101-90	AK	SSRA	20020607	20021107	55	35	132	14	W	291	0.34	F	T	Canada
39.	040161	CHIN	TAHINI R		H	1998	SEAK	SEAK	PULLEN CR 115-34	AK	DIPC	20000602	20001023	58	19	135	44	W	273	0.29	M	T	Canada
40.	040246	CHIN	TAHINI R		H	1998	SEAK	SEAK	PULLEN CR 115-34	AK	DIPC	20000602	20001023	58	19	135	44	W	259	0.23	F	T	Canada
41.	040393	CHIN	TAHINI R		H	1999	SEAK	SEAK	PULLEN CR 115-34	AK	DIPC	20010612	20011027	58	17	135	54	W	252	0.22	M	T	Canada
42.	040549	CHIN	TAKU R 111-32		W	2000	SEAK	SEAK	TAKU R 111-32	AK	ADFG	20020512	20021101	58	15	136	7	W	274	0.27	M	T	Canada
43.	470120	CHIN	TAMGAS CR	SP	H	2000	SEAK	SEAK	TAMGAS CR	AK	MIC	20020524	20021107	55	35	132	14	W	293	0.3	F	T	Canada
44.	040457	CHIN	UNUK R 101-75		W	2000	SEAK	SEAK	UNUK R 101-75	AK	ADFG	20011010	20021106	56	14	133	45	W	252	0.2	F	T	Canada
45.	184654	CHIN	S-ATNARKO R LOW	SU	H	2001	COBC	CCST	R-ATNARKO R LOW	BC	CDFO	20020605	20030223	54	11	131	49	W	286	0.27	F	T	Canada
46.	183905	CHIN	S-HIRSCH CR	SP	H	1997	COBC	CCST	R-HIRSCH CR	BC	CDFO	19980505	19990524	56	13	135	8	W	342	0.5	F	T	Canada
47.	183913	CHIN	S-KITIMAT R UP	SP	H	1998	COBC	CCST	R-KITIMAT R UP	BC	CDFO	19990506	19990529	53	20	129	15	W	105	0.01		T	Canada
48.	182246	CHIN	S-CHUCKWALLA R	SP	H	2000	COBC	RIVR	R-CHUCKWALLA R	BC	CDFO	20010624	20011104	50	51	127	48	W	189	0.07	M	T	Canada
49.	182246	CHIN	S-CHUCKWALLA R	SP	H	2000	COBC	RIVR	R-CHUCKWALLA R	BC	CDFO	20010624	20011016	51	39	127	28	W	168	0.06	M	T	Canada
50.	183211	CHIN	S-BULKLEY R UP	SP	H	1996	NASK	SKNA	R-BULKLEY R UP	BC	CDFO	19980505	19990524	56	10	135	14	W	365	0.58	M	T	Canada
51.	184562	CHIN	S-KITSUM ABV CANYON	SU	H	1999	NASK	SKNA	R-KITSUM ABV CANYON	BC	CDFO	20010427	20020310	55	16	131	55	W	334	0.46	F	T	Canada
52.	184721	CHIN	S-MARBLE R	F	H	2002	WCVI	NWVI	R-ALICE LAKE OUTLET	BC	CDFO	20030613	20031013	50	24	127	30	W	180	0.07	M	T	Canada
53.	184721	CHIN	S-MARBLE R	F	H	2002	WCVI	NWVI	R-ALICE LAKE OUTLET	BC	CDFO	20030613	20031012	50	30	127	46	W	184	0.06	F	T	Canada
54.	184516	CHIN	S-CONUMA R	F	H	1999	WCVI	NWVI	R-CONUMA R	BC	CDFO	20000530	20010312	50	29	127	52	W	220	0.12	M	T	Canada
55.	184631	CHIN	S-ROBERTSON CR	F	H	2000	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20010524	20011103	52	29	127	15	W	203	0.09	M	T	Canada
56.	185012	CHIN	S-ROBERTSON CR	F	H	2001	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20020605	20030219	50	29	127	49	W	227	0.14	M	T	Canada
57.	630696	CHIN	KLICKITAT R 30.0002	SP	H	2000	CECR	KLIC	KLICKITAT R 30.0002	WA	WDFW	20020310	20020817	50	38	128	26	W	330	0.46	F	T	Canada
58.	053513	CHIN	WIND R 29.0023	SP	H	1999	CECR	WIND	WIND R 29.0023	WA	FWS	20010419	20010615	52	16	129	28	W	182	0.07	F	T	Canada
59.	054033	CHIN	WIND R 29.0023	SP	H	2001	CECR	WIND	WIND R 29.0023	WA	FWS	20030416	20030827	54	47	133	11	W	254	0.2	U	T	Canada
60.	630606	CHIN	WELLS DAM (47)	SU	M	1997	CRGN	CRGNG	COLUMBIA R - GENERAL	WA	COOP	19990421	20010619	55	18	133	44	W	715	8.68	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
61.	631032	CHIN	WELLS HATCHERY	SU	H	1998	CRGN	CRGNG	COLUMBIA R - GENERAL	WA	WDFW	20000422	20010619	55	18	133	44	W	517	1.68	M	T	Canada
62.	630343	CHIN	LEWIS R 27.0168	SP	H	1996	LOCR	LEWI	LEWIS R 27.0168	WA	WDFW	19980322	19980603	50	56	128	57	W	209	0.11		T	Canada
63.	630343	CHIN	LEWIS R 27.0168	SP	H	1996	LOCR	LEWI	LEWIS R 27.0168	WA	WDFW	19980322	19980618	54	6	134	15	W	189	0.09		T	Canada
64.	630634	CHIN	LEWIS R 27.0168	SP	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000321	20000703	53	38	130	58	W	207	0.1	M	T	Canada
65.	212942	CHIN	WHITE R 10.0031	SP	H	1996	M P S	PUYA	WHITE R 10.0031	WA	MUCK	19970612	19980603	50	47	129	17	W	307	0.4		T	Canada
66.	630163	CHIN	SNAKE R-LOWR 33.0002	UB	H	1996	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	19980416	19990519	50	32	128	16	W	358	0.6	M	T	Canada
67.	630163	CHIN	SNAKE R-LOWR 33.0002	UB	H	1996	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	19980416	19980603	50	51	129	9	W	209	0.13		T	Canada
68.	210221	CHIN	WALLACE R 07.0940	F	H	1999	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	20000510	20010614	51	19	127	31	W	335	0.49	M	T	Canada
69.	054526	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	FWS	19990415	19991010	54	42	133	10	W	307	0.39	M	T	Canada
70.	054948	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	FWS	19990415	19990622	53	17	130	40	W	222	0.12	M	T	Canada
71.	054949	CHIN	METHOW R 48.0002	SP	H	1998	UPCR	MEOK	METHOW R 48.0002	WA	FWS	20000410	20000704	54	48	133	2	W	212	0.11	F	T	Canada
72.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	19990622	53	17	130	40	W	222	0.14	M	T	Canada
73.	631550	CHIN	METHOW & OKANOGAN	SU	H	2001	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	20030429	20031015	51	55	127	57	W	284	0.3	F	T	Canada
74.	630178	CHIN	HANFORD REACH STOCK	F	W	1999	UPCR	UPCRG	HANFORD REACH (36)	WA	WDFW	20000525	20010616	54	13	131	41	W	328	0.44	M	T	Canada
75.	630740	CHIN	CHIWAWA R 45.0759	SP	H	1997	UPCR	WECH	CHIWAWA R 45.0759	WA	WDFW	19990426	19990624	50	49	129	14	W	196	0.1	F	T	Canada
76.	631102	CHIN	CHIWAWA R 45.0759	SP	H	1998	UPCR	WECH	CHIWAWA R 45.0759	WA	WDFW	20000410	20001017	54	47	133	5	W	330	0.5	F	T	Canada
77.	631448	CHIN	CHIWAWA R 45.0759	SP	H	2001	UPCR	WECH	CHIWAWA R 45.0759	WA	WDFW	20030430	20030827	54	47	133	11	W	238	0.17	U	T	Canada
78.	630995	CHIN	WELLS HATCHERY	SU	H	2000	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20020430	20020819	51	2	128	50	W	250	0.21	F	T	Canada
79.	630995	CHIN	WELLS HATCHERY	SU	H	2000	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20020430	20020825	54	11	132	39	W	284	0.31	M	T	Canada
80.	054415	CHIN	LEAVENWORTH HATCHERY	SP	H	2000	UPCR	WECH	ICICLE CR 45.0474	WA	FWS	20020422	20020824	54	41	132	20	W	252	0.2	M	T	Canada
81.	092851	CHIN	DESCHUTES R	SP	H	1998	CECR		DESCHUTES R-2/OR	OR	ODFW	20000509	20000702	50	47	129	17	W	186	0.06		T	Canada
82.	054955	CHIN	WARM SPRINGS R	SP	H	1996	CECR		WARM SPRINGS R	OR	FWS	19980415	19980603	50	56	128	57	W	171	0.07		T	Canada
83.	054448	CHIN	WARM SPRINGS R	SP	H	2001	CECR	DESC	WARM SPRINGS R	OR	FWS	20030416	20030827	54	47	133	11	W	246	0.2	U	T	Canada
84.	054456	CHIN	WARM SPRINGS R	SP	H	1997	CECR	DESC	WARM SPRINGS R	OR	FWS	19990304	19990622	53	23	130	47	W	206	0.11	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
85.	054963	CHIN	WARM SPRINGS R	SP	H	1996	CECR	DESC	WARM SPRINGS R	OR	FWS	19980415	19980603	50	51	129	9	W	165	0.05		T	Canada
86.	055005	CHIN	WARM SPRINGS R	SP	H	1996	CECR	DESC	WARM SPRINGS R	OR	FWS	19980415	19980603	50	56	128	57	W	189	0.08		T	Canada
87.	055010	CHIN	WARM SPRINGS R	SP	H	1996	CECR	DESC	WARM SPRINGS R	OR	FWS	19980415	19980603	50	56	128	57	W	212	0.12		T	Canada
88.	092557	CHIN	H O O D R	SP	H	1997	CECR	HOO	HOOD R MID FK	OR	ODFW	19990505	19990624	50	49	129	14	W	208	0.1	F	T	Canada
89.	093120	CHIN	DESCHUTES R	SP	H	1999	CECR	HOO	HOOD R W FK	OR	ODFW	20010514	20010621	50	51	129	10	W	179	0.07	F	T	Canada
90.	093555	CHIN	H O O D R	SP	H	2001	CECR	HOO	HOOD R W FK	OR	ODFW	20030420	20030827	54	45	133	19	W	267	0.26	U	T	Canada
91.	092256	CHIN	CARSON (WASH)	SP	H	1996	CECR	UMAT	UMATILLA R	OR	ODFW	19980308	19980617	54	34	132	26	W	225	0.14		T	Canada
92.	092260	CHIN	CARSON (WASH)	SP	H	1996	CECR	UMAT	UMATILLA R	OR	ODFW	19980308	19980603	50	51	129	9	W	208	0.1		T	Canada
93.	092925	CHIN	COLUMBIA R UPRIVER S	F	H	1998	CECR	UMAT	UMATILLA R	OR	ODFW	20000309	20010312	50	31	127	41	W	362	0.54	F	T	Canada
94.	092510	CHIN	CLACKAMAS R EARLY	SP	H	1997	LOCR	WILL	CLACKAMAS R	OR	ODFW	19990317	19990622	53	4	130	8	W	228	0.15		T	Canada
95.	092631	CHIN	CLACKAMAS R EARLY	SP	H	1997	LOCR	WILL	CLACKAMAS R	OR	ODFW	19990317	19990622	53	17	130	40	W	255	0.21	M	T	Canada
96.	093142	CHIN	MCKENZIE R	SP	H	1999	LOCR	WILL	CLACKAMAS R	OR	ODFW	20010307	20010619	55	47	133	44	W	238	0.16	F	T	Canada
97.	093530	CHIN	CLACKAMAS R EARLY	SP	H	2001	LOCR	WILL	CLACKAMAS R	OR	ODFW	20030225	20030827	54	47	133	11	W	264	0.24	U	T	Canada
98.	092319	CHIN	N SANTIAM R	SP	H	1996	LOCR	WILL	SANTIAM R & N FK-1	OR	ODFW	19980303	19980602	51	12	128	16	W	210	0.11		T	Canada
99.	092320	CHIN	N SANTIAM R	SP	H	1996	LOCR	WILL	SANTIAM R & N FK-1	OR	ODFW	19980303	19980603	50	56	128	57	W	219	0.12		T	Canada
100.	092320	CHIN	N SANTIAM R	SP	H	1996	LOCR	WILL	SANTIAM R & N FK-1	OR	ODFW	19980303	19980604	52	20	129	30	W	220	0.12		T	Canada
101.	093023	CHIN	SANTIAM R N FK	SP	H	1999	LOCR	WILL	SANTIAM R & N FK-1	OR	ODFW	20010205	20010617	54	46	133	13	W	253	0.19	F	T	Canada
102.	090119	CHIN	SANTIAM R N FK	SP	H	2000	LOCR	YOCL	BLIND SL (LWR COL R)	OR	ODFW	20020419	20020824	54	57	131	56	W	329	0.4	M	T	Canada
103.	093436	CHIN	CATHERINE CR (GRANDE	SP	H	2000	SNAK	GRIA	CATHERINE CR (GRANDE	OR	ODFW	20020415	20021027	54	11	131	47	W	310	0.38	F	T	Canada
104.	092821	CHIN	IMNAHA R AND TRIBS	SP	H	1998	SNAK	GRIA	IMNAHA R	OR	ODFW	20000418	20000702	50	55	128	57	W	208	0.1	M	T	Canada
105.	093642	CHIN	IMNAHA R AND TRIBS	SP	H	2001	SNAK	GRIA	IMNAHA R	OR	ODFW	20030415	20030827	54	45	133	19	W	270	0.25	U	T	Canada
106.	093660	CHIN	IMNAHA R AND TRIBS	SP	H	2001	SNAK	GRIA	IMNAHA R	OR	ODFW	20030415	20030827	54	47	133	11	W	245	0.18	U	T	Canada
107.	053914	CHIN	KOOSKIA	SP	H	1997	SNAK	CLEA	CLEAR CRK:CLWTR R	ID	FWS	19990409	19990624	50	49	129	14	W	186	0.08	F	T	Canada
108.	053716	CHIN	DWORSHAK	SP	H	1996	SNAK	CLEA	DWORSHAK NAT. HATCH	ID	FWS	19980325	19980603	50	51	129	9	W	175	0.06		T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
109.	105138	CHIN	RAPID RIVER		H	1997	SNAK	CLEA	WALTON CRK/LOCHSA R	ID	IDFG	19990415	19990622	52	59	130	0	W	192	0.09	M	T	Canada
110.	103522	CHIN	RAPID RIVER		H	1997	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	19990426	19990624	50	49	129	14	W	183	0.07	F	T	Canada
111.	103522	CHIN	RAPID RIVER		H	1997	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	19990426	19990622	53	4	130	8	W	175	0.07		T	Canada
112.	103533	CHIN	RAPID RIVER		H	1997	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	19990426	19990622	52	59	130	0	W	189	0.08	M	T	Canada
113.	103614	CHIN	RAPID RIVER		H	1999	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	20010425	20010615	52	16	129	28	W	181	0.07	F	T	Canada
114.	104905	CHIN	RAPID RIVER		H	1996	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	19980428	19980603	50	51	129	9	W	180	0.06		T	Canada
115.	108773	CHIN	RAPID RIVER		H	2001	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	20030425	20030827	54	45	133	19	W	261	0.22	U	T	Canada
116.	105126	CHIN		F	H	1996	SNAK	SALM	SALMON R @ HAMMER CK	ID	IDFG	19980406	19980603	50	51	129	9	W	169	0.06		T	Canada
117.	105507	CHIN	S FK SALMON		H	1998	SNAK	SALM	SFK SAL @ KNOX BRIDGE	ID	IDFG	20000406	20000702	50	47	129	17	W	201	0.1	F	T	Canada
118.	044810	COHO	REFLECTION LK 101-80	SU	H	1996	SEAK	SEAK	BURNETT INLET 106-22	AK	SSRA	19980601	19980831	56	33	134	27	W	275	0.24		T	Canada
119.	040226	COHO	WHITMAN LK		H	1997	SEAK	SEAK	NAKAT INLET 101-11	AK	SSRA	19990523	19990526	54	48	130	58	W	140	0.03	F	T	Canada
120.	040196	COHO	WHITMAN LK		H	1999	SEAK	SEAK	NEETS BAY 101-90	AK	SSRA	20010601	20010813	54	44	133	28	W	258	0.2	M	T	Canada
121.	503105	COHO	NEETS BAY X HIDDEN F		H	1998	SEAK	SEAK	SHEEP CR 111-40	AK	DIPC	20000607	20001021	58	8	134	53	W	284	0.27	M	T	Canada
122.	503105	COHO	NEETS BAY X HIDDEN F		H	1998	SEAK	SEAK	SHEEP CR 111-40	AK	DIPC	20000607	20001022	58	11	135	8	W	270	0.25	M	T	Canada
123.	180263	COHO	S-KITIMAT R	F	H	1997	COBC	CCST	R-KITIMAT R	BC	CDFO	19990430	19990529	53	20	129	15	W	144	0.03	M	T	Canada
124.	185326	COHO	S-MARTIN R	F	W	2001	COBC	CCST	R-MARTIN R	BC	CDFO	20030617	20031015	51	55	127	57	W	300	0.32	M	T	Canada
125.	183105	COHO	S-THORSEN CR/CCST	F	H	1997	COBC	CCST	R-THORSEN CR/CCST	BC	CDFO	19990519	19991010	54	42	132	57	W	315	0.38	M	T	Canada
126.	182620	COHO	S-CAPILANO R	F	H	1995	G S T	GSMN	R-CAPILANO R	BC	CDFO	19970528	19980829	54	31	132	33	W	419	0.78	F	T	Canada
127.	182936	COHO	S-BIG QUALICUM R	F	H	1996	G S T	GSVI	R-BIG QUALICUM R	BC	CDFO	19980526	19980716	50	30	126	19	W	195	0.09		T	Canada
128.	183937	COHO	S-BIG QUALICUM R	F	H	1999	G S T	GSVI	R-BIG QUALICUM R	BC	CDFO	20010606	20011013	50	29	128	18	W	255	0.18	F	T	Canada
129.	182054	COHO	S-CHASE R	F	H	1994	G S T	GSVI	R-CHASE R	BC	CDFO	19960517	19961003	50	53	128	19	W	223		M	T	Canada
130.	183416	COHO	S-NANAIMO R	F	H	1996	G S T	GSVI	R-NAPOLEON CR	BC	CDFO	19980508	19980716	50	30	126	24	W	202	0.11		T	Canada
131.	182719	COHO	S-QUINSAM R	F	H	1997	JNST	JNSTG	R-DISCOVERY PASS	BC	CDFO	19990512	19990623	51	17	128	20	W	182	0.07	M	T	Canada
132.	084316	COHO	S-HEYDON CR	F	W	1999	JNST	JNSTG	R-HEYDON CR	BC	CDFR	20010601	20011017	52	1	127	55	W	266	0.22	F	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
133.	183945	COHO	S-QUINSAM R	F	H	2001	JNST	JNSTG	R-QUINSAM R	BC	CDFO	20030514	20031015	51	55	127	57	W	312	0.41	F	T	Canada
134.	184235	COHO	S-QUINSAM R	F	H	1998	JNST	JNSTG	R-QUINSAM R	BC	CDFO	20000523	20010312	50	29	127	52	W	366	0.52	F	T	Canada
135.	281621	COHO	S-ZOLZAP CREEK	F	W	1996	NASK	NASS	R-ZOLZAP CREEK	BC	AFSP	19980615	19990619	54	28	132	50	W	485	1.35	F	T	Canada
136.	183515	COHO	S-TOBOGGAN CR	SU	H	1997	NASK	SKNA	R-TOBOGGAN CR	BC	CDFO	19990601	19991010	54	42	133	2	W	289	0.27	F	T	Canada
137.	183529	COHO	S-TOBOGGAN CR	SU	H	2001	NASK	SKNA	R-TOBOGGAN CR	BC	CDFO	20030615	20031020	56	28	133	1	W	292	0.25	M	T	Canada
138.	183507	COHO	S-ZYMACORD R	F	H	1997	NASK	SKNA	R-ZYMACORD R	BC	CDFO	19990601	19991010	54	42	133	10	W	284	0.24	M	T	Canada
139.	636249	COHO	BINGHAM CR 22.0465		W	1996	GRAY	GRAY	BINGHAM CR 22.0465	WA	WDFW	19980521	19980718	51	6	128	33	W	230	0.14		T	Canada
140.	631105	COHO	LOWER ELWHA 18.0274	F	H	1999	JUAN	ELDU	LOWER ELWHA HATCHERY	WA	ELWA	20010515	20010807	50	28	128	9	W	279	0.25	F	T	Canada
141.	630535	COHO	TOUTLE R 26.0227	F	H	1996	LOCR	COWL	GREEN R 26.0323	WA	WDFW	19980430	19980721	56	12	135	9	W	276	0.28		T	Canada
142.	630539	COHO	KALAMA R 27.0002	F	H	1996	LOCR	LEWI	FALLERT CR 27.0017	WA	WDFW	19980419	19980603	50	56	128	57	W	232	0.15		T	Canada
143.	631191	COHO	LEWIS R 27.0168	F	H	2001	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20030510	20030827	54	47	133	5	W	267	0.25	M	T	Canada
144.	631367	COHO	LEWIS R 27.0168	F	H	2001	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20030510	20030827	54	45	133	19	W	275	0.25	F	T	Canada
145.	631345	COHO	BIG SOOS CR 09.0072		H	1999	M P S	DUWA	BIG SOOS CR 09.0072	WA	WDFW	20010424	20011016	51	35	127	32	W	251	0.17	M	T	Canada
146.	213056	COHO	BIG SOOS CR 09.0072	F	H	1996	M P S	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	19980611	19980716	50	30	126	19	W	205	0.11		T	Canada
147.	213062	COHO	MINTER CR 15.0048		H	1996	M P S	EKPN	AGATE PASS SEA PENS	WA	COOP	19980509	19980603	50	51	129	9	W	285	0.26		T	Canada
148.	210401	COHO	MINTER CR 15.0048	F	H	2001	M P S	EKPN	MANCHESTER FUEL DEPT	WA	SUQ	20030513	20031015	51	55	127	57	W	350	0.56	M	T	Canada
149.	050284	COHO	COOK CR 21.0429		H	2001	N W C	QEUQ	COOK CR 21.0429	WA	FWS	20030423	20031024	53	0	129	16	W	390	0.76	F	T	Canada
150.	630574	COHO	SOL DUC R 20.0096	F	H	1999	N W C	QUHO	SOL DUC R 20.0096	WA	WDFW	20010411	20010813	54	46	133	13	W	282	0.29	M	T	Canada
151.	055031	COHO	SOOES R 20.0015		H	1996	N W C	QUHO	SOOES R 20.0015	WA	FWS	19980415	19980603	50	51	129	9	W	199	0.09		T	Canada
152.	055031	COHO	SOOES R 20.0015		H	1996	N W C	QUHO	SOOES R 20.0015	WA	FWS	19980415	19980603	50	56	128	57	W	199	0.09		T	Canada
153.	631287	COHO	SKYKOMISH R 07.0012		H	2000	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	20020503	20020817	50	13	128	2	W	270	0.25	F	T	Canada
154.	631070	COHO	WILLAPA R 24.0251		H	2000	WILP	WILP	FORK CR 24.0356	WA	WDFW	20020509	20020817	50	13	128	2	W	259	0.22	F	T	Canada
155.	631533	COHO	WILLAPA R 24.0251		H	2001	WILP	WILP	FORK CR 24.0356	WA	WDFW	20030409	20030827	54	47	133	5	W	262	0.22	M	T	Canada
156.	053732	COHO	CLACKAMAS R EARLY		H	1996	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	19980501	19980721	56	9	135	15	W	241	0.19		T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
157.	092334	COHO	TANNER CR (BNVILLE)		H	1997	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	19990428	19990623	50	55	129	2	W	238	0.15	M	T	Canada
158.	093230	COHO	COOS R - PUBLIC		H	2000	SOOR	COOS	NOBLE CR (COOS R)	OR	ODFW	20010823	20020824	54	47	131	53	W	290	0.31	M	T	Canada
159.	092004	COHO	UMPQUA R (ROCK CR HT)		H	1996	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	19980401	19980603	50	51	129	9	W	226	0.15		T	Canada

E. Eastern North Pacific (South of 50°N) Recoveries

160.	182135	CHIN	S-HARRISON R	F	H	1999	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	20000606	20010310	48	48	125	18	W	245	0.17	F	T	Canada
161.	183204	CHIN	S-DOME CR	SP	H	1996	FRTH	UPFR	R-DOME CR	BC	CDFO	19980417	19981007	49	20	126	19	W	258	0.21		T	Canada
162.	182334	CHIN	S-BURMAN R	F	H	2002	WCVI	NWVI	R-BURMAN R	BC	CDFO	20030527	20031010	49	52	126	45	W	138	0.03	F	T	Canada
163.	185410	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA EST	BC	CDFO	20030613	20031010	49	51	126	56	W	185	0.07	M	T	Canada
164.	185410	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA EST	BC	CDFO	20030613	20031010	49	51	126	56	W	165	0.04	M	T	Canada
165.	185410	CHIN	S-CONUMA R	F	H	2002	WCVI	NWVI	R-CONUMA EST	BC	CDFO	20030613	20031010	49	52	126	45	W	163	0.05	M	T	Canada
166.	184529	CHIN	S-CONUMA R	F	H	2000	WCVI	NWVI	R-CONUMA R	BC	CDFO	20010514	20011010	49	38	126	30	W	139	0.03	F	T	Canada
167.	183162	CHIN	S-CONUMA R	F	H	1998	WCVI	NWVI	R-FIDALGO PASS	BC	CDFO	19990514	19991007	49	54	127	23	W	233	0.15	F	T	Canada
168.	182215	CHIN	S-CONUMA R	F	H	1999	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20000529	20010311	49	31	126	42	W	253	0.21	M	T	Canada
169.	182215	CHIN	S-CONUMA R	F	H	1999	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20000529	20010311	49	38	126	30	W	206	0.09	M	T	Canada
170.	182215	CHIN	S-CONUMA R	F	H	1999	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20000529	20010311	49	38	126	30	W	238	0.15	M	T	Canada
171.	182215	CHIN	S-CONUMA R	F	H	1999	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20000529	20010007	49	55	127	19	W	176	0.07	F	T	Canada
172.	184340	CHIN	S-CONUMA R	F	H	2000	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20010522	20020302	49	46	127	5	W	262	0.22	F	T	Canada
173.	184340	CHIN	S-CONUMA R	F	H	2000	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20010522	20020302	49	53	126	49	W	225	0.13	F	T	Canada
174.	184750	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20020506	20021020	49	54	126	48	W	173	0.06	F	T	Canada
175.	184751	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20020515	20021020	49	51	126	57	W	212	0.14	M	T	Canada
176.	184751	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20020515	20030218	49	56	127	18	W	254	0.2	M	T	Canada
177.	184751	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20020515	20021021	49	59	127	14	W	257	0.22	M	T	Canada
178.	184752	CHIN	S-CONUMA R	F	H	2001	WCVI	NWVI	R-MOUTCHA BAY	BC	CDFO	20020528	20021020	49	54	126	48	W	164	0.05	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
179.	184701	CHIN	S-KENNEDY R LOW	F	H	2000	WCVI	SWVI	R-KENNEDY R LOW	BC	CDFO	20010525	20020301	49	20	126	34	W	250	0.19	M	T	Canada
180.	182724	CHIN	S-NITINAT R	F	H	1998	WCVI	SWVI	R-NITINAT LK	BC	CDFO	19990520	19991005	48	56	125	35	W	172	0.06	F	T	Canada
181.	182725	CHIN	S-NITINAT R	F	H	1998	WCVI	SWVI	R-NITINAT LK	BC	CDFO	19990609	19991005	49	9	126	5	W	223	0.15	M	T	Canada
182.	184556	CHIN	S-NITINAT R	F	H	2000	WCVI	SWVI	R-NITINAT LK	BC	CDFO	20010518	20020302	49	46	127	5	W	262	0.23	F	T	Canada
183.	183750	CHIN	S-NITINAT R	F	H	1998	WCVI	SWVI	R-NITINAT R	BC	CDFO	19990624	19991005	48	56	125	35	W	182	0.08	M	T	Canada
184.	183750	CHIN	S-NITINAT R	F	H	1998	WCVI	SWVI	R-NITINAT R	BC	CDFO	19990624	19991005	48	56	125	35	W	185	0.08	M	T	Canada
185.	184517	CHIN	S-NITINAT R	F	H	1999	WCVI	SWVI	R-NITINAT R	BC	CDFO	20000607	20010310	48	48	125	18	W	244	0.17	M	T	Canada
186.	184559	CHIN	S-NITINAT R	F	H	2000	WCVI	SWVI	R-NITINAT R	BC	CDFO	20010624	20011009	48	51	125	9	W	164	0.05	M	T	Canada
187.	184758	CHIN	S-NITINAT R	F	H	2001	WCVI	SWVI	R-NITINAT R	BC	CDFO	20020613	20030214	48	55	125	12	W	228	0.14	M	T	Canada
188.	183747	CHIN	S-SARITA R	F	H	1998	WCVI	SWVI	R-POETT NOOK	BC	CDFO	19990602	19991005	48	56	125	35	W	189	0.09	M	T	Canada
189.	183747	CHIN	S-SARITA R	F	H	1998	WCVI	SWVI	R-POETT NOOK	BC	CDFO	19990602	19991005	49	9	126	5	W	216	0.13	F	T	Canada
190.	184360	CHIN	S-SARITA R	F	H	2000	WCVI	SWVI	R-POETT NOOK	BC	CDFO	20010606	20011009	48	51	125	9	W	186	0.07	M	T	Canada
191.	184360	CHIN	S-SARITA R	F	H	2000	WCVI	SWVI	R-POETT NOOK	BC	CDFO	20010606	20011009	48	51	125	9	W	191	0.1	F	T	Canada
192.	184360	CHIN	S-SARITA R	F	H	2000	WCVI	SWVI	R-POETT NOOK	BC	CDFO	20010606	20020302	49	46	127	5	W	238	0.17	M	T	Canada
193.	182161	CHIN	S-ROBERTSON CR	F	H	1999	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20000603	20001004	48	48	125	22	W	171	0.06	M	T	Canada
194.	183433	CHIN	S-ROBERTSON CR	F	H	1998	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	19990531	19991005	48	56	125	35	W	167	0.06	F	T	Canada
195.	184541	CHIN	S-ROBERTSON CR	F	H	1999	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20000603	20010310	48	57	125	7	W	207	0.1	M	T	Canada
196.	184632	CHIN	S-ROBERTSON CR	F	H	2000	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20010525	20011009	48	51	125	9	W	182	0.07	F	T	Canada
197.	184636	CHIN	S-ROBERTSON CR	F	H	2000	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20010528	20011009	48	56	125	3	W	163	0.05	M	T	Canada
198.	184638	CHIN	S-ROBERTSON CR	F	H	2000	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20010528	20010624	48	55	125	35	W	85	0.01	F	T	Canada
199.	185009	CHIN	S-ROBERTSON CR	F	H	2001	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20020605	20021017	48	55	125	3	W	147	0.03	M	T	Canada
200.	185012	CHIN	S-ROBERTSON CR	F	H	2001	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20020605	20021017	48	50	125	10	W	153	0.04	M	T	Canada
201.	185136	CHIN	S-ROBERTSON CR	F	H	2002	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20030603	20031010	49	51	126	56	W	164	0.05	F	T	Canada
202.	185019	CHIN	S-SAN JUAN R	F	H	2001	WCVI	SWVI	R-SAN JUAN R	BC	CDFO	20020618	20021017	48	51	125	15	W	150	0.04	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
203.	183748	CHIN	S-SARITA R	F	H	1998	WCVI	SWVI	R-SARITA R	BC	CDFO	19990602	19991005	49	9	126	5	W	231	0.15	M	T	Canada
204.	183910	CHIN	S-TRANQUILLE CR	F	H	1997	WCVI	SWVI	R-TRANQUILLE EST	BC	CDFO	19980529	19981007	49	20	126	24	W	219	0.14		T	Canada
205.	053932	CHIN	LTL WHITE SALMON-NFH	SP	H	1997	CECR	WIND	LTL WHITE SALMON@NFH	WA	FWS	19990420	19990625	49	11	126	49	W	199	0.11		T	Canada
206.	054460	CHIN	WIND R 29.0023	SP	H	1997	CECR	WIND	WIND R 29.0023	WA	FWS	19990420	19990625	49	17	126	38	W	187	0.09	M	T	Canada
207.	054460	CHIN	WIND R 29.0023	SP	H	1997	CECR	WIND	WIND R 29.0023	WA	FWS	19990420	19990625	49	20	126	32	W	189	0.08		T	Canada
208.	630606	CHIN	WELLS DAM (47)	SU	M	1997	CRGN	CRGNG	COLUMBIA R - GENERAL	WA	COOP	19990421	19990625	49	20	126	32	W	249	0.18		T	Canada
209.	631032	CHIN	WELLS HATCHERY	SU	H	1998	CRGN	CRGNG	COLUMBIA R - GENERAL	WA	WDFW	20000422	20000701	49	45	127	11	W	222	0.14	F	T	Canada
210.	630632	CHIN	GEO.ADAMS + FINCH CR	F	H	1998	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	19990512	19991004	46	45	124	20	W	195	0.08	F	T	Canada
211.	630153	CHIN	GEO.ADAMS + FINCH CR	F	H	1998	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	19990512	19991004	47	59	124	48	W	211	0.11	F	T	Canada
212.	630519	CHIN	LEWIS R 27.0168	SP	H	1997	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	19990315	19991002	44	1	124	29	W	339	0.49	F	T	Canada
213.	630634	CHIN	LEWIS R 27.0168	SP	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000321	20000630	48	35	125	3	W	311	0.38	F	T	Canada
214.	630171	CHIN	BIG SOOS CR 09.0072	F	H	1999	M P S	DUWA	BIG SOOS CR 09.0072	WA	WDFW	20000531	20010310	48	48	125	18	W	240	0.17	M	T	Canada
215.	630921	CHIN	PORTAGE BAY STOCK UW	F	H	1998	M P S	LAKW	SHIP CANL @ MONTLAKE	WA	UW	199905	20010624	48	43	125	14	W	543	1.82		T	Canada
216.	210105	CHIN	VOIGHT CR 10.0414	F	H	1998	M P S	PUYA	MOWICH R+GOWSKULL PD	WA	PUYA	19990614	20010624	48	43	125	14	W	478	1.28		T	Canada
217.	630173	CHIN	SAMISH (FRIDAY CR)	F	H	1999	NOOK	SAM	FRIDAY CR + SAMISH R	WA	WDFW	20000525	20010310	48	52	125	46	W	243	0.17	F	T	Canada
218.	630164	CHIN	SKAGIT R 03.0176	SP	H	1999	SKAG	SKAG	CASCADE R 03.1411	WA	WDFW	20000603	20010624	49	1	125	48	W	326	0.42	M	T	Canada
219.	630476	CHIN	SNAKE R-LOWR 33.0002	F	H	1999	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	20010420	20010624	48	55	125	35	W	212	0.11	M	T	Canada
220.	630476	CHIN	SNAKE R-LOWR 33.0002	F	H	1999	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	20010420	20010624	48	58	125	40	W	214		F	T	Canada
221.	630860	CHIN	SNAKE R-LOWR 33.0002	F	H	1997	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	19990413	20000630	48	39	125	7	W	492		F	T	Canada
222.	631013	CHIN	LYONS FERRY HATCHERY	UB	H	1998	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	20000412	20001007	49	54	127	21	W	379	0.72	F	T	Canada
223.	630614	CHIN	CHEWUCH R 48.0728	SP	H	1997	UPCR	MEOK	CHEWUCH R 48.0728	WA	WDFW	19990420	19990625	49	17	126	44	W	181	0.08	F	T	Canada
224.	630614	CHIN	CHEWUCH R 48.0728	SP	H	1997	UPCR	MEOK	CHEWUCH R 48.0728	WA	WDFW	19990420	19990625	49	19	126	37	W	159	0.05	M	T	Canada
225.	054526	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	FWS	19990415	19990625	49	11	126	49	W	205	0.12		T	Canada
226.	054614	CHIN	METHOW R 48.0002	SP	H	1998	UPCR	MEOK	METHOW R 48.0002	WA	FWS	20000410	20000701	49	45	127	17	W	188	0.09	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
227.	054931	CHIN	METHOW R 48.0002	SP	H	1998	UPCR	MEOK	METHOW R 48.0002	WA	FWS	20000410	20000701	49	45	127	17	W	209	0.11	F	T	Canada
228.	054949	CHIN	METHOW R 48.0002	SP	H	1998	UPCR	MEOK	METHOW R 48.0002	WA	FWS	20000410	20000701	49	44	127	23	W	189	0.08	M	T	Canada
229.	630377	CHIN	METHOW R 48.0002	SP	H	1999	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	20010420	20010624	48	58	125	40	W	206		F	T	Canada
230.	630613	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	19990430	19990625	49	19	126	37	W	172	0.06	M	T	Canada
231.	630613	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	19990430	19990625	49	20	126	32	W	179	0.06		T	Canada
232.	630613	CHIN	METHOW R 48.0002	SP	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	19990430	19991007	49	52	127	24	W	279	0.27	F	T	Canada
233.	630936	CHIN	METHOW & OKANOGAN	SU	H	1997	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	19990425	19990625	49	11	126	49	W	196	0.08		T	Canada
234.	630220	CHIN	METHOW & OKANOGAN	SU	H	1996	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19980318	19981007	49	20	126	24	W	259	0.21		T	Canada
235.	630469	CHIN	METHOW & OKANOGAN	SU	H	1999	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	20010425	20010728	49	16	126	17	W	255	0.22	M	T	Canada
236.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	19991005	49	14	126	18	W	308	0.41	F	T	Canada
237.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	19990625	49	17	126	44	W	215	0.12	F	T	Canada
238.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	20010311	49	33	126	38	W	622	3	M	T	Canada
239.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	19991007	49	51	127	29	W	305	0.35	M	T	Canada
240.	630610	CHIN	SIMILKAMEEN R 490325	SU	H	1997	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	19990426	19991007	49	52	127	24	W	294	0.33	M	T	Canada
241.	631148	CHIN	WELLS HATCHERY	SP	H	1998	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	20000426	20010311	49	31	126	42	W	340	0.46	F	T	Canada
242.	631148	CHIN	WELLS HATCHERY	SP	H	1998	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	20000426	20000701	49	45	127	17	W	207	0.12	M	T	Canada
243.	630378	CHIN	TWISP R 48.0374	SP	H	1999	UPCR	MEOK	TWISP R 48.0374	WA	WDFW	20010420	20010624	48	58	125	40	W	175		F	T	Canada
244.	630177	CHIN	WELLS HATCHERY	SU	H	1999	UPCR	WACO	COL.R. @ TURTLE ROCK	WA	WDFW	20000705	20010624	48	58	125	40	W	325			T	Canada
245.	631102	CHIN	CHIWAWA R 45.0759	SP	H	1998	UPCR	WECH	CHIWAWA R 45.0759	WA	WDFW	20000410	20000701	49	45	127	17	W	198	0.09	F	T	Canada
246.	630124	CHIN	WELLS HATCHERY	SU	H	1996	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19980505	19981007	49	20	126	19	W	300	0.33		T	Canada
247.	630134	CHIN	WELLS HATCHERY	SU	H	1996	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19980424	19981007	49	20	126	19	W	293	0.29		T	Canada
248.	630468	CHIN	WELLS HATCHERY	SU	H	1999	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20010507	20020617	49	20	126	32	W	392	0.76		T	Canada
249.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991002	43	59	124	22	W	344	0.54	F	T	Canada
250.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991003	44	25	124	8	W	351	0.62	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
251.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991004	47	59	124	48	W	305	0.33	M	T	Canada
252.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991005	49	14	126	18	W	283	0.33	M	T	Canada
253.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991005	49	14	126	18	W	319	0.39	F	T	Canada
254.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19990625	49	17	126	44	W	211	0.11	M	T	Canada
255.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991006	49	18	126	38	W	298	0.34	M	T	Canada
256.	630611	CHIN	WELLS DAM (47)	SU	H	1997	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	19990531	19991006	49	20	126	32	W	308	0.38	M	T	Canada
257.	630995	CHIN	WELLS HATCHERY	SU	H	2000	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20020430	20021020	49	43	127	18	W	313	0.38	F	T	Canada
258.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20000627	48	9	125	19	W	220	0.13	F	T	Canada
259.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20000627	48	9	125	19	W	237	0.16	F	T	Canada
260.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20010624	49	1	125	48	W	482	1.48	M	T	Canada
261.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20010311	49	31	126	42	W	345	0.5	M	T	Canada
262.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20010311	49	31	126	42	W	402	0.69	M	T	Canada
263.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20010311	49	33	126	38	W	360	0.58	F	T	Canada
264.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20000701	49	44	127	23	W	200	0.1	M	T	Canada
265.	631061	CHIN	WELLS HATCHERY	SU	H	1998	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	20000512	20000701	49	45	127	11	W	225	0.14	M	T	Canada
266.	054246	CHIN	LEAVENWORTH HATCHERY	SP	H	1998	UPCR	WECH	ICICLE CR 45.0474	WA	FWS	20000418	20000701	49	45	127	17	W	169	0.06	F	T	Canada
267.	054255	CHIN	LEAVENWORTH HATCHERY	SP	H	1997	UPCR	WECH	ICICLE CR 45.0474	WA	FWS	19990419	19990625	49	20	126	32	W	177	0.07		T	Canada
268.	630474	CHIN	WENATCHEE R 45.0030	SU	H	1999	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20010427	20020617	49	16	126	46	W	450	1.13	M	T	Canada
269.	630612	CHIN	WENATCHEE R 45.0030	SU	H	1997	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	19990427	19991005	49	14	126	18	W	314	0.43	M	T	Canada
270.	630612	CHIN	WENATCHEE R 45.0030	SU	H	1997	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	19990427	19991005	49	14	126	18	W	247	0.2	M	T	Canada
271.	630612	CHIN	WENATCHEE R 45.0030	SU	H	1997	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	19990427	19990625	49	19	126	37	W	197	0.1	M	T	Canada
272.	630612	CHIN	WENATCHEE R 45.0030	SU	H	1997	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	19990427	19991007	49	49	127	29	W	282	0.28	M	T	Canada
273.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	44	127	23	W	213	0.1	F	T	Canada
274.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	44	127	23	W	202	0.1	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
275.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	44	127	23	W	217	0.11	M	T	Canada
276.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	44	127	23	W	222	0.12	M	T	Canada
277.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	45	127	17	W	206	0.11	M	T	Canada
278.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	45	127	17	W	202	0.1	M	T	Canada
279.	631151	CHIN	WENATCHEE R 45.0030	SU	H	1998	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	20000501	20000701	49	45	127	17	W	225	0.14	M	T	Canada
280.	631251	CHIN	YAKIMA R-UPR 39.0002	SP	H	1998	UPCR	YAKI	CLARK FLAT POND (39)	WA	YAKA	20000531	20000701	49	45	127	17	W	190	0.09	M	T	Canada
281.	631251	CHIN	YAKIMA R-UPR 39.0002	SP	H	1998	UPCR	YAKI	CLARK FLAT POND (39)	WA	YAKA	20000531	20000701	49	45	127	17	W	192	0.09	M	T	Canada
282.	630863	CHIN	YAKIMA R-UPR 39.0002	SP	H	1997	UPCR	YAKI	EASTON POND (39)	WA	YAKA	19990401	19990625	49	20	126	32	W	159	0.04		T	Canada
283.	054457	CHIN	WARM SPRINGS R	SP	H	1997	CECR	DESC	WARM SPRINGS R	OR	FWS	19990304	19990625	49	20	126	32	W	185	0.08		T	Canada
284.	054522	CHIN	ABERNATHY CR 25.0297	SP	H	1999	CECR	DESC	WARM SPRINGS R	OR	FWS	20001115	20010311	49	31	126	42	W	252	0.21	M	T	Canada
285.	093249	CHIN	SANTIAM R S FK	SP	H	2000	LOCR	WILL	SANTIAM R S FK	OR	ODFW	20011105	20020302	49	46	127	5	W	215	0.11	M	T	Canada
286.	093135	CHIN	MCKENZIE HATCHERY	SP	H	1999	LOCR	WILL	WILLAMETTE R (PORTLA	OR	ODFW	20001107	20010310	48	48	125	18	W	235	0.15	M	T	Canada
287.	093140	CHIN	MCKENZIE HATCHERY	SP	H	1999	LOCR	WILL	WILLAMETTE R (PORTLA	OR	ODFW	20010308	20010624	48	58	125	40	W	227		M	T	Canada
288.	092817	CHIN	SALMON R	F	H	1998	NOOR		SALMON R IOR - COAST	OR	ODFW	19990820	19991002	44	1	124	16	W	194	0.1	M	T	Canada
289.	092616	CHIN	IMNAHA R AND TRIBS	SP	H	1997	SNAC	GRIA	IMNAHA R	OR	ODFW	19990416	19990625	49	20	126	32	W	188	0.08		T	Canada
290.	092637	CHIN	LOWER ROGUE R	F	H	1997	SOOR		ROGUE R-1	OR	ODFW	19980911	19991002	43	59	124	22	W	426	0.99	M	T	Canada
291.	630454	CHIN	LYONS FERRY HATCHERY	UB	H	1997	SNAC	CLEA	CLWTR@BIG CANYON CRK	ID	NEZP	19990415	19991006	49	20	126	37	W	328	0.45	F	T	Canada
292.	631025	CHIN	LYONS FERRY HATCHERY	UB	H	1998	SNAC	CLEA	CLWTR@BIG CANYON CRK	ID	NEZP	19990603	19991004	46	45	124	20	W	198	0.09	F	T	Canada
293.	631025	CHIN	LYONS FERRY HATCHERY	UB	H	1998	SNAC	CLEA	CLWTR@BIG CANYON CRK	ID	NEZP	19990603	20010311	49	33	126	38	W	403	0.69	F	T	Canada
294.	054212	CHIN	DWORSHAK	SP	H	1997	SNAC	CLEA	DWORSHAK NAT. HATCH	ID	FWS	19990408	19990625	49	20	126	32	W	174	0.06		T	Canada
295.	105132	CHIN	RAPID RIVER		H	1997	SNAC	CLEA	NEWSOME CK:SK:CLWTR	ID	IDFG	19990319	19990625	49	20	126	32	W	147	0.03		T	Canada
296.	103210	CHIN	POWELL		H	1997	SNAC	CLEA	PAPOOSE CRK:LOCHSA R	ID	IDFG	19990407	19990625	49	19	126	37	W	176	0.07	F	T	Canada
297.	105138	CHIN	RAPID RIVER		H	1997	SNAC	CLEA	WALTON CRK:LOCHSA R	ID	IDFG	19990415	19990625	49	17	126	38	W	175	0.06	M	T	Canada
298.	105123	CHIN	S FK SALMON		H	1997	SNAC	SALM	BUCKHORN CK:S FK SAL	ID	IDFG	19981008	19991004	47	59	124	48	W	231	0.15	F	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
299.	103523	CHIN	RAPID RIVER		H	1997	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	19990426	19990625	49	17	126	44	W	156	0.04	F	T	Canada
300.	105502	CHIN	RAPID RIVER		H	1998	SNAK	SALM	RAPID RIVER HATCHERY	ID	IDFG	20000404	20000701	49	45	127	11	W	229	0.17	M	T	Canada
301.	104944	CHIN	S FK SALMON		H	1997	SNAK	SALM	SFK SAL@ KNOX BRIDGE	ID	IDFG	19990408	19990626	49	8	126	58	W	202	0.1	M	T	Canada
302.	105122	CHIN	S FK SALMON		H	1997	SNAK	SALM	SFK SAL@ KNOX BRIDGE	ID	IDFG	19990408	19990625	49	19	126	37	W	152	0.04	M	T	Canada
303.	105128	CHIN	S FK SALMON		H	1997	SNAK	SALM	SFK SAL@ KNOX BRIDGE	ID	IDFG	19990408	19990625	49	19	126	37	W	174	0.07	M	T	Canada
304.	105128	CHIN	S FK SALMON		H	1997	SNAK	SALM	SFK SAL@ KNOX BRIDGE	ID	IDFG	19990408	19990625	49	20	126	32	W	175	0.06		T	Canada
305.	181727	COHO	S-SALMON R/LWFR	F	W	1998	FRTH	LWFR	R-SALMON R/LWFR	BC	CDFO	20000511	20010729	48	32	124	51	W	907	14.65	F	T	Canada
306.	182951	COHO	S-SALMON R/LWFR	F	W	1997	FRTH	LWFR	R-SALMON R/LWFR	BC	CDFO	19990524	20000630	48	36	125	10	W	475	1.29	M	T	Canada
307.	183857	COHO	S-QUINSAM R	F	H	1997	JNST	JNSTG	R-QUINSAM R	BC	CDFO	19990527	20000701	49	45	127	11	W	484	1.54	M	T	Canada
308.	183858	COHO	S-QUINSAM R	F	H	1997	JNST	JNSTG	R-QUINSAM R	BC	CDFO	19990527	20000630	48	38	125	13	W	470	1.34	M	T	Canada
309.	182915	COHO	S-CONUMA R	F	H	1997	WCVI	NWVI	R-CONUMA R	BC	CDFO	19990528	19991005	49	14	126	18	W	301	0.31	M	T	Canada
310.	183823	COHO	S-CYPRE R	F	H	1998	WCVI	SWVI	R-CYPRE R	BC	CDFO	19990627	20001005	49	21	126	33	W	289	0.28	M	T	Canada
311.	182331	COHO	S-NITINAT R	F	H	1997	WCVI	SWVI	R-NITINAT R	BC	CDFO	19990517	19991007	49	54	127	23	W	316	0.39	M	T	Canada
312.	182727	COHO	S-NITINAT R	F	H	1998	WCVI	SWVI	R-NITINAT R	BC	CDFO	20000516	20000701	49	44	127	23	W	216	0.09	M	T	Canada
313.	183645	COHO	S-ROBERTSON CR	F	H	1999	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	20010517	20010623	49	18	126	38	W	169	0.05	M	T	Canada
314.	182957	COHO	S-SAN JUAN R	F	H	1996	WCVI	SWVI	R-SAN JUAN EST	BC	CDFO	19980511	19981007	49	20	126	24	W	258	0.21		T	Canada
315.	636207	COHO	LEWIS R 27.0168	LF	H	1996	CECR	KLIC	KLICKITAT R 30.0002	WA	WDFW	19980606	19981007	49	16	126	23	W	238	0.15		T	Canada
316.	631239	COHO	CHEHALIS R 22.0190		W	1999	GRAY	GRAY	CHEHALIS R 22.0190	WA	WDFW	20000601	20000701	49	44	127	23	W	208	0.08	F	T	Canada
317.	630288	COHO	SATSOP R 22.0360		H	1999	GRAY	GRAY	SATSOP R -EF 22.0360	WA	WDFW	20010515	20010806	49	54	127	29	W	361	0.49	M	T	Canada
318.	630562	COHO	SATSOP R 22.0360		H	1997	GRAY	GRAY	SATSOP R -EF 22.0360	WA	WDFW	19990415	19990625	49	20	126	32	W	197	0.08	M	T	Canada
319.	050379	COHO	BIG QUILCENE 17.0012		H	1999	HOOD	TPDB	BIG QUILCENE 17.0012	WA	FWS	20010501	20010805	49	29	126	47	W	246	0.18	F	T	Canada
320.	050592	COHO	BIG QUILCENE 17.0012		H	2000	HOOD	TPDB	BIG QUILCENE 17.0012	WA	FWS	20020425	20020815	49	17	126	41	W	279	0.27	F	T	Canada
321.	055205	COHO	BIG QUILCENE 17.0012		H	1998	HOOD	TPDB	BIG QUILCENE 17.0012	WA	FWS	20000510	20000630	48	36	124	48	W	180	0.07	M	T	Canada
322.	051331	COHO	QUILCENE NFH STOCK	F	H	1997	HOOD	TPDB	QUILCENE BAY SEAPENS	WA	SKOK	19990608	19991004	47	44	124	39	W	308	0.35	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
323.	055126	COHO	QUILCENE NFH STOCK	F	H	1998	HOOD	TPDB	QUILCENE BAY SEAPENS	WA	SKOK	20000515	20000630	48	35	124	55	W	200	0.09	F	T	Canada
324.	631670	COHO	BIG BEEF CR 15.0389		W	2001	HOOD	WKIT	BIG BEEF CR 15.0389	WA	WDFW	20030606	20031010	49	47	127	5	W	300	0.33	M	T	Canada
325.	210220	COHO	LOWER ELWHA 18.0274	F	H	1998	JUAN	ELDU	LOWER ELWHA HATCHERY	WA	ELWA	20000524	20000701	49	44	127	23	W	218	0.12	F	T	Canada
326.	213046	COHO	LOWER ELWHA 18.0274		H	1996	JUAN	ELDU	LOWER ELWHA HATCHERY	WA	ELWA	19980504	19991006	49	18	126	38	W	636	3.6	F	T	Canada
327.	630365	COHO	COWLITZ R 26.0002	LF	H	1999	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	20010430	20020227	48	30	124	28	W	375	0.55	M	T	Canada
328.	631130	COHO	COWLITZ R 26.0002	LF	H	1998	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	20000501	20001007	49	55	127	19	W	295	0.27	F	T	Canada
329.	631146	COHO	COWLITZ R 26.0002	LF	H	1998	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	20000501	20000701	49	44	127	23	W	200	0.08	F	T	Canada
330.	631062	COHO	TOUTLE R 26.0227	F	H	2000	LOCR	COWL	TOUTLE R-NF 26.0314	WA	WDFW	20010508	20010624	48	55	125	35	W	177	0.06	F	T	Canada
331.	630530	COHO	GRAYS R 25.0093	F	H	1997	LOCR	GREL	DEEP R 25.0071	WA	WREG	19990513	19990625	49	19	126	37	W	222	0.12		T	Canada
332.	630830	COHO	GRAYS R 25.0093	F	H	1997	LOCR	GREL	GRAYS R -WF 25.0131	WA	WDFW	19990512	19990625	49	20	126	32	W	212	0.11	M	T	Canada
333.	631225	COHO	KALAMA R 27.0002	LF	H	1998	LOCR	LEWI	KALAMA R 27.0002	WA	WDFW	20000405	20000701	49	45	127	11	W	235	0.16	M	T	Canada
334.	630558	COHO	LEWIS R 27.0168	LF	H	1997	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	19990518	19990625	49	19	126	37	W	220	0.11		T	Canada
335.	630823	COHO	LEWIS R 27.0168	LF	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000515	20000701	49	45	127	17	W	239	0.16	M	T	Canada
336.	630913	COHO	LEWIS R 27.0168	LF	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000515	20000701	49	44	127	23	W	198	0.09	M	T	Canada
337.	630913	COHO	LEWIS R 27.0168	LF	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000515	20000701	49	44	127	23	W	200	0.1	M	T	Canada
338.	630914	COHO	LEWIS R 27.0168	LF	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000515	20000701	49	45	127	11	W	204	0.1	M	T	Canada
339.	630914	COHO	LEWIS R 27.0168	LF	H	1998	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	20000515	20000701	49	45	127	17	W	216	0.12	F	T	Canada
340.	631357	COHO	BIG SOOS CR 09.0072		H	1999	M P S	DUWA	BIG SOOS CR 09.0072	WA	WDFW	20010418	20020227	48	30	124	28	W	311	0.32	F	T	Canada
341.	631358	COHO	BIG SOOS CR 09.0072		H	1999	M P S	DUWA	BIG SOOS CR 09.0072	WA	WDFW	20010418	20020227	48	30	124	28	W	293	0.29	F	T	Canada
342.	210138	COHO	CRISP CR 09.0113	F	H	1997	M P S	DUWA	CRISP CR 09.0113	WA	MUCK	19990511	20000630	48	35	125	3	W	428	1		T	Canada
343.	210138	COHO	CRISP CR 09.0113	F	H	1997	M P S	DUWA	CRISP CR 09.0113	WA	MUCK	19990511	20000701	49	47	127	5	W	510	1.83	F	T	Canada
344.	210224	COHO	CRISP CR 09.0113	F	H	1998	M P S	DUWA	CRISP CR 09.0113	WA	MUCK	20000502	20010310	48	57	125	7	W	358	0.46	M	T	Canada
345.	210196	COHO	BIG SOOS CR 09.0072	F	H	1999	M P S	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	20010610	20020227	48	30	124	28	W	318	0.33	M	T	Canada
346.	210196	COHO	BIG SOOS CR 09.0072	F	H	1999	M P S	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	20010610	20020227	48	30	124	28	W	340	0.37	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
347.	210196	COHO	BIG SOOS CR 09.0072	F	H	1999	M P S	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	20010610	20010805	49	31	127	10	W	248	0.18	M	T	Canada
348.	213056	COHO	BIG SOOS CR 09.0072	F	H	1996	M P S	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	19980611	19981007	49	20	126	24	W	271	0.24		T	Canada
349.	636214	COHO	SATSOP R 22.0360		H	1997	M P S	PUYA	PUYALLUP R 10.0021	WA	WDFW	19990430	19991006	49	18	126	38	W	283	0.26	F	T	Canada
350.	630296	COHO	VOIGHT CR 10.0414		H	1999	M P S	PUYA	VOIGHT CR 10.0414	WA	WDFW	20010430	20020227	48	38	125	3	W	289		M	T	Canada
351.	210177	COHO	LUMMI BAY (SEA POND)	F	H	1999	NOOK	NOOK	LUMMI SEA PONDS	WA	LUMM	20010523	20020227	48	24	124	8	W	320	0.33	F	T	Canada
352.	210177	COHO	LUMMI BAY (SEA POND)	F	H	1999	NOOK	NOOK	LUMMI SEA PONDS	WA	LUMM	20010523	20020227	48	30	124	28	W	302	0.29	F	T	Canada
353.	210175	COHO	SKOOKUM CR 01.0273	F	H	1999	NOOK	NOOK	NOOKSACK -SF 01.0246	WA	LUMM	20010601	20020227	48	30	124	28	W	317	0.32	M	T	Canada
354.	050371	COHO	COOK CR 21.0429		H	1999	N W C	QEQU	COOK CR 21.0429	WA	FWS	20010420	20010623	49	18	126	38	W	210	0.11	F	T	Canada
355.	050375	COHO	COOK CR 21.0429		H	1999	N W C	QEQU	COOK CR 21.0429	WA	FWS	20010420	20010623	49	20	126	33	W	188	0.07	M	T	Canada
356.	055142	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000630	48	36	125	16	W	204	0.11		T	Canada
357.	055142	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000701	49	44	127	23	W	242	0.16	M	T	Canada
358.	055142	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000701	49	44	127	23	W	197	0.09	F	T	Canada
359.	055216	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000701	49	44	127	23	W	192	0.08	F	T	Canada
360.	055216	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000701	49	45	127	17	W	176	0.07	F	T	Canada
361.	055216	COHO	COOK CR 21.0429		H	1998	N W C	QEQU	COOK CR 21.0429	WA	FWS	20000419	20000701	49	45	127	11	W	239	0.16	F	T	Canada
362.	210125	COHO	QUEETS R 21.0016	F	W	1997	N W C	QEQU	MORRISON'S POND (21)	WA	QDNR	19990611	19990625	49	19	126	37	W	200	0.1	M	T	Canada
363.	210366	COHO	QUEETS R 21.0016	F	W	2000	N W C	QEQU	MORRISON'S POND (21)	WA	QDNR	20020607	20021018	49	13	126	42	W	321	0.41	F	T	Canada
364.	210139	COHO	SALMON R 21.0139	F	H	1997	N W C	QEQU	SALMON R 21.0139	WA	QDNR	19990427	19990625	49	19	126	37	W	205	0.1	F	T	Canada
365.	210198	COHO	SALMON R 21.0139	F	H	1999	N W C	QEQU	SALMON R 21.0139	WA	QDNR		20010623	49	16	126	43	W	196	0.08	F	T	Canada
366.	630557	COHO	SALMON R 21.0139		H	1996	N W C	QEQU	SALMON R 21.0139	WA	QDNR	19980424	19991004	47	26	124	31	W	700	3.46	M	T	Canada
367.	630575	COHO	SALMON R 21.0139	F	H	1999	N W C	QEQU	SALMON R 21.0139	WA	QDNR		20010623	49	18	126	38	W	205	0.09	F	T	Canada
368.	630818	COHO	SALMON R 21.0139	F	H	1997	N W C	QEQU	SALMON R 21.0139	WA	QDNR	19990427	19990625	49	17	126	38	W	196	0.09	F	T	Canada
369.	631103	COHO	SALMON R 21.0139	F	H	1998	N W C	QEQU	SALMON R 21.0139	WA	QDNR	20000501	20000701	49	44	127	23	W	212	0.1	M	T	Canada
370.	630924	COHO	SOL DUC R 20.0096	F	H	1997	N W C	QUHO	SOL DUC R 20.0096	WA	WDFW	19990401	19990625	49	17	126	44	W	201	0.1	M	T	Canada

Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
371.	631216	COHO	SOL DUC R 20.0096	F	H	1998	N W C	QUHO	SOL DUC R 20.0096	WA	WDFW	20000403	20000701	49	44	127	23	W	211	0.11	F	T	Canada
372.	631230	COHO	SOL DUC R 20.0096	F	H	1998	N W C	QUHO	SOL DUC R 20.0096	WA	WDFW	20000403	20000701	49	44	127	23	W	227	0.14	F	T	Canada
373.	631231	COHO	SOL DUC R 20.0096	F	H	1998	N W C	QUHO	SOL DUC R 20.0096	WA	WDFW	20000403	20000701	49	44	127	23	W	218	0.12	M	T	Canada
374.	630287	COHO	SKYKOMISH R 07.0012		H	2000	S P S	KENN	PEALE PASS @ SS PENS	WA	WDFW	20020530	20020815	49	15	126	46	W	259	0.2	M	T	Canada
375.	630922	COHO	SKYKOMISH R 07.0012		H	1998	S P S	KENN	PEALE PASS @ SS PENS	WA	WDFW	20000519	20001004	48	37	125	43	W	339	0.55	M	T	Canada
376.	631223	COHO	SKYKOMISH R 07.0012		H	1998	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	20000502	20001004	48	37	125	43	W	287	0.26	F	T	Canada
377.	631287	COHO	SKYKOMISH R 07.0012		H	2000	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	20020503	20020815	49	17	126	41	W	265	0.22	F	T	Canada
378.	630809	COHO	SKYKOMISH R 07.0012		H	1997	STIL	SNOH	WALLACE R-NF 07.0951	WA	WDFW	19990505	20000701	49	45	127	11	W	575	2.99	M	T	Canada
379.	630810	COHO	SKYKOMISH R 07.0012		H	1997	STIL	SNOH	WALLACE R-NF 07.0951	WA	WDFW	19990505	20000701	49	45	127	11	W	560	2.67	F	T	Canada
380.	054450	COHO	LTL WHITE SALMON-NFH		H	1998	UPCR	YAKI	EASTON POND (39)	WA	FWS	20000531	20001004	48	37	125	43	W	271	0.22	M	T	Canada
381.	092720	COHO	TANNER CR (BNVILLE)		H	1998	UPCR	YAKI	RINGOLD POND (TROUT)	WA	ODFW	20000524	20000701	49	44	127	23	W	205	0.1	M	T	Canada
382.	054504	COHO	LTL WHITE SALMON-NFH		H	1998	UPCR	YAKI	STILES POND	WA	FWS	20000531	20001004	48	37	125	43	W	320	0.37	F	T	Canada
383.	630817	COHO	WILLAPA R 24.0251		H	1997	WILP	WILP	FORK CR 24.0356	WA	WDFW	19990415	19990625	49	19	126	37	W	201	0.1		T	Canada
384.	631208	COHO	WILLAPA R 24.0251		H	1999	WILP	WILP	FORK CR 24.0356	WA	WDFW	20010412	20010623	49	16	126	43	W	208	0.11	F	T	Canada
385.	092425	COHO	TANNER CR (BNVILLE)		H	1997	CECR	UMAT	UMATILLA R	OR	ODFW	19990402	19990625	49	20	126	32	W	199	0.1	F	T	Canada
386.	092915	COHO	TANNER CR (BNVILLE)		H	1998	CECR	UMAT	UMATILLA R	OR	ODFW	20000315	20000701	49	45	127	11	W	221	0.13	M	T	Canada
387.	092707	COHO	CLACKAMAS R LATE		H	1998	LOCR	WILL	CLACKAMAS R	OR	ODFW	20000410	20000701	49	45	127	17	W	257	0.12	M	T	Canada
388.	054247	COHO	CLACKAMAS R EARLY		H	1998	LOCR	WILL	EAGLE CR (CLACKAMAS)	OR	FWS	20000517	20000701	49	44	127	23	W	218	0.13	F	T	Canada
389.	093159	COHO	TANNER CR (BNVILLE)		H	1999	LOCR	YOCL	COLUMBIA R-1	OR	ODFW	20010417	20010623	49	20	126	33	W	213	0.1	F	T	Canada
390.	093013	COHO	BIG CR HATCHERY		H	1999	LOCR	YOCL	KLASKANINE R S FK	OR	CEDC	20010507	20010624	48	55	125	35	W	199	0.08	F	T	Canada
391.	093013	COHO	BIG CR HATCHERY		H	1999	LOCR	YOCL	KLASKANINE R S FK	OR	CEDC	20010507	20010623	49	18	126	38	W	203	0.09	M	T	Canada
392.	053946	COHO	CLACKAMAS R EARLY		H	1997	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	19990519	19990625	49	19	126	37	W	212	0.11	M	T	Canada
393.	092959	COHO	SILETZ R (SILETZ HT)		H	1999	NOOR	SIYA	SALMON R	OR	ODFW	20010501	20010623	49	18	126	38	W	210	0.11	M	T	Canada
394.	092005	COHO	UMPQUA R (ROCK CR HT)		H	1996	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	19980504	19991002	44	1	124	10	W	659	3.55	F	T	Canada

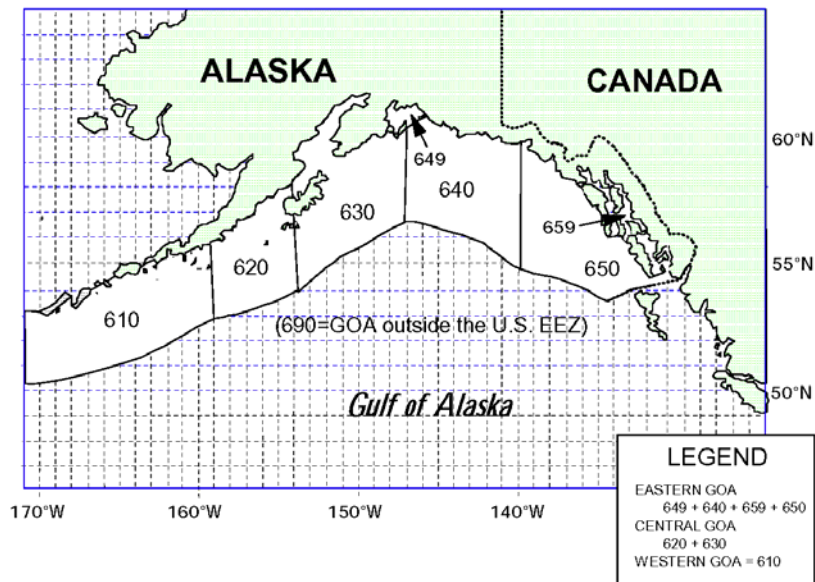
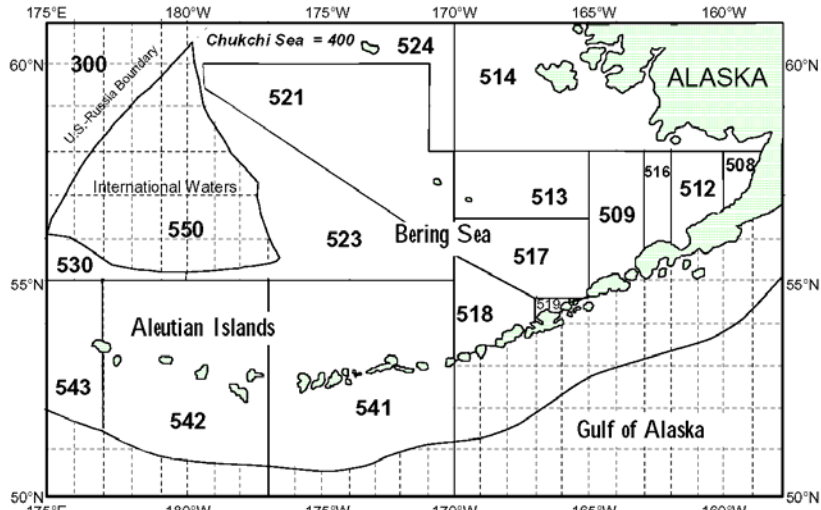
Table 2 (continued)

Fish Number	Tag code	Species	Stock short name	Run type	Rearing type	Brood year	¹ Release site (region)	² Release site (basin)	Release location	Release state	³ Release agency	Release date (yyyymmdd)	Recovery date (yyyymmdd)	Latitude (degree)	Latitude (minute)	Longitude (degree)	Longitude (minute)	Hemisphere	TSFT Length (mm)	Body weight (kg)	Sex	Fishing Gear	Vessel Type
395.	092661	COHO	UMPQJA R(ROCK CR HT)		H	1998	SOOR	UMPQ	ROCK CR (IN UMPQJA R)	OR	ODFW	20000428	20000701	49	44	127	23	W	230	0.15	M	T	Canada

¹Region: CECR=Central Columbia R (Bonneville Dam to McNary Dam), CNAK=central Alaska, COBC=Coastal British Columbia, CRGN=Columbia River general, combined, unknown, or undefined, FRTH=Fraser R-Thompson R, GRAY=Grays Harbor-Lower Chehalis R, GST=Georgia Strait, HOOD=Hood Canal, JNST=Johnstone Strait, JUAN=Strait of Juan De Fuca, LOCR=Lower Columbia R (mouth to Bonneville Dam), MPS=Puget Sound Mid, NASK=Nass R - Skeena R, NOOK=Nooksack R, NOOR=North Coastal Oregon, NWC=North Washington Coast, SEAK=Southeast Alaska, SKAG=Skagit R, SNAK=Snake R, SOOR=South Coastal Oregon, SPS=Puget Sound South, STIL=Stillaguamish R-Snohomish R, UPCR=Upper Columbia R (above McNary Dam; excluding Snake R); WCVI=Western Vancouver Island, WILP=Willapa R.

²Basin (if different than region): CCST=Central Coastal BC, CLEA=Clearwater R/ID, COOK=Cook Inlet, COOS=Coos R, COWL=Cowlitz R/WA, CRNG=Columbia R general, combined, unknown, or undefined, DESC=Deschutes R/OR, , DUWA=Duwamish R-Green R, EKPN=East Kitsap North of Narrows, ELDU=Elwa R=Dungeness R, GRAY=Grays Harbor=Lower Chehalis R, GREL=Grays R-Elokomin R/W, GRIA=Grande Ronde R-Imnaha R-Asotin Cr/OR,WA, GSMN=Georgia Strait-Mainland North, GSVI=Georgia Strait-Vancouver Island, HOO=Hood R/OR, JNSTG=Johnstone Strait-general, KENN=Kennedy Cr-Goldsborough Cr, KLIC=Klickitat R/WA, LAKW=Lake Washington, LEWI=Lewis R/WA, LOSN=Lower Snake R-below Perry/WA, LWFR=Lower Fraser R (below Hope+tributaries), MEOK=Methow R-Okanogan R/WA, NASS=Nass R, NWVI=NW Vancouver Island, PUYA=Puyallup R, QEQU=Queets R - Quinault R, QUHO=Quillayute-Hoh R, RIVR=Rivers and Smith Inlets, SALM=Salmon R/ID, SAM=Samish R, SIYA=Siletz R - Yaquina R, SKAG=Skagit R, SKDO=Skokomish R-Dosewallips R-Great Bend, SKNA=Skeena R, SNAKG=Snake R-general, SNOH=Snohomish R, SWVI=SW Vancouver Island, TPDB=Tala Point to Dabob Bay, UMAT=, UMPQ=Umpqua, UPCR=Upper Columbia R-general, UPFR=Upper Fraser R (above Hope+tribs; excluding Thompson R), WACO=Wanapum R-Coulee Res/WA, WECH=Wenatchee R-Entiat R-Lk Chelan/WA, WILL=Willamette R., WILP=Willapa R, WIND=Wind R-White Salmon R, WKIT=West Kitsap Peninsula, YAKI=Yakima R/WA, YOCL=Youngs Bay-Clatskanie R/OR

³Agency: ADFG=Alaska Department of Fish & Game, AFSP=Aboriginal Fishery Strategy Program, CDFO=Canadian Department of Fisheries and Oceans, CDFR=Canada Department of Fisheries and Oceans-Research, CEDC=Clatsop Economic Development Council (OR), COOP=Washington Department of Fisheries-Cooperative, DIPC=Douglas Island Pink and Chum, Inc., ELWA=Lower Elwa S'klallam Tribe (WA), FWS=U.S. Fish and Wildlife Service, IDFG=Idaho Department of Fish and Game, KTHC=Karuk Tribe (CA), LUMM=Lummi Tribe (WA), MIC=Metlakatla Indian Community (AK), MUCK=Muckleshoot Tribe (WA), NEZP=Nez Perce Tribe, NMFS=National Marine Fisheries Service (AK), NSRA=Northern Southeast Regional Aquaculture Assn. (AK), ODFW=Oregon Department of Fish & Wildlife, PUYA=Puyallup Tribe (WA), QDNR=Quinault Department of Natural Resources, SKOK=Skokomish Tribe (WA), SSRA=Southern Southeast Regional Aquaculture Assn. (AK), SUQ=Suquamish Tribe (WA), TULA=Tulalip Tribe (WA), UW=College of Fisheries-University of Washington, WDFW=Washington Department of Fish & Wildlife, WREG=Washington Regional Enhancement Groups, YAKA=Yakima Tribe (WA).



Appendix Fig. 1. U.S. National Marine Fisheries Service (NMFS) statistical areas in the Bering Sea and Aleutian Islands (top panel) and Gulf of Alaska (bottom panel).