



**TAG RETURNS IN 1987 -
UNITED STATES HIGH SEAS SALMON TAGGING**

Submitted to
International North Pacific Fisheries Commission
by the
United States National Section

September 1987

**FISHERIES RESEARCH INSTITUTE
School of Fisheries
College of Ocean and Fishery Sciences
University of Washington
Seattle, Washington 98195**

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Fisheries Research Institute. 1987. Tag returns in 1987 - United States high seas salmon tagging. (Document submitted to annual meeting of the INPFC, 1987.) 3 pp. Fisheries Research Institute, University of Washington, Seattle.

TAG RETURNS IN 1987 - UNITED STATES HIGH SEAS SALMON TAGGING

This is a report of all recoveries of high seas salmon tags released during cooperative U.S.-U.S.S.R. tagging operations, and returned between 1 October 1986 and 30 September 1987. Because the United States was not invited to participate in U.S.S.R. high seas salmon tagging operations in 1987, all recoveries in 1987 were from releases in previous years. There were eleven returns from releases in 1985 (2) and 1986 (9). Information on these tag returns is listed by year of recovery and release in Table 1. The tagging experiments are summarized by Harris (1985) and Kautsky and Harris (1986). Because tagged chinook salmon are recovered infrequently, one notable recovery was that of a chinook salmon released as an immature fish in area E7552 in 1985 and recovered almost two years later in the Kuskokwim River near Bethel, Alaska (Q-713, Table 1). A sockeye salmon recovered at Bristol Bay, Alaska in July 1987 and a chum salmon recovered at Tomakomai, Hokkaido in November 1986 were from the same release (Set no. N-82) in INPFC area W7554 (P-168 and P-169, Table 1).

REFERENCES CITED

- Harris, C. K. 1985. Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1985. (Document submitted to annual meeting of the INPFC, November 1985, Tokyo, Japan.) 10 pp. Fisheries Research Institute, University of Washington, Seattle.
- Kautsky, G. A. and C. K. Harris. 1986. Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1986. (Document submitted to annual meeting of the INPFC, November 1986, Anchorage, U.S.A.) 13 pp. Fisheries Research Institute, University of Washington, Seattle.

Table 1. Release and recovery information for U.S.-U.S.S.R tags returned 1 October 1986 to 30 September 1987.

Tag no.	Species	Release/ Recovery	Date (mo/day)	INPFC area ¹	N. lat. (°-')	Long. (°-')	Set Gear	no.	Age ²	Fork length (mm)	Sex	Body weight (kg)	Description of recovery area
<u>1986 Recovery of 1985 Release</u>													
M-199	Chum	Release	08/02	E7556	57-50	176-25E	Seine	Z-100	0.2	540	--	--	unknown ³
<u>1986 Recoveries of 1986 Releases</u>													
M-282	Chum	Release Recovery	04/28 10/05	W7544 02-2	44-07 43-56	170-57W 144-41E	Seine Setnet	N-05	0.3 0.3	530 580	-- F	-- 1.9	Shari, Okhotsk Coast, Hokkaido
M-301	Chum	Release Recovery	04/30 11/06	W7542 02-2	42-41 44-23	173-21W 143-22E	Seine Setnet	N-11	0.5 0.5	610 630	-- M	--	Monbetsu, Okhotsk Coast, Hokkaido
M-619	Chum	Release Recovery	05/19 12/08	W8044 02-1	44-36 42-39	176-23W 141-33E	Seine Setnet	N-35	0.4 0.4	650 650	-- M	--	Tomakomai, Pacific Coast, Hokkaido
P-169	Chum	Release Recovery	07/08 11/20	W7554 02-1	55-43 42-39	172-23W 141-33E	Seine Setnet	N-82	0.2 0.2	515 510 ⁴	-- F	-- 1.5	Tomakomai, Pacific Coast, Hokkaido
P-210	Chum	Release Recovery	07/12 10/26	E7556 01-0	57-27 40-14	175-54E 141-50E	Seine Setnet	N-88	0.2 --	475 510	-- M	-- 1.1	Honnami, Kuji City, Iwate Prefecture, Pacific Coast, Honshu
P-325	Chum	Release Recovery	07/21 11/07	E7552 02-2	53-17 43-56	175-20E 144-41E	Seine Setnet	N-100	0.3 0.3	570 600	-- F	-- 1.7	Shari, Okhotsk Coast, Hokkaido
<u>1987 Recovery of 1985 Release</u>													
Q-713	Chinook	Release Recovery	07/06 06/25	E7552 44-1	53-00 60-47	178-03E 161-41W	Seine Drift Gillnet	Z-54	1.2 --	560 --	-- F	-- 11.3	Kuskokwim R., near Bethel, Alaska

Tag no.	Species	Release/ Recovery	Date (mo/day)	INPFC area ¹	N. lat. (°-')	Long. (°-')	Set Gear	no.	Age ²	Fork length (mm)	Sex	Body weight (kg)	Description of recovery area
<u>1987 Recoveries of 1986 Releases</u>													
P-168	Sockeye	Release	07/08	W7554	55-43	172-23W	Seine	N-82	2.2	470	--	--	Naknek-Kvichak, Bristol Bay, Alaska
		Recovery	07/20	47-	58-43	157-00W	--		2.3	552	--	2.5	
P-195	Chum	Release	07/10	E7556	57-55	179-55E	Seine	N-86	0.3	565	--	--	Shiranuka, Aomori Prefecture, Pacific Coast, Honshu
		Recovery	01/05	01-0	41-08	141-22E	Setnet		--	590	M	1.6	
P-209	Chum	Release	07/12	E7556	57-27	175-54E	Seine	N-88	R	510	--	--	Rikuzen-Takada City, Iwate Prefecture, Pacific Coast, Honshu
		Recovery	02/05	01-0	39-00	141-38E	Trap		0.3	515	--	1.1	

¹2° x 5° release area; recovery general area and sub-area codes.

²Age was determined by visual examination of scale patterns. R = scale was regenerated.

³The tag was discovered among salted salmon at Hachinohe Harbor, Japan on 10 July 1986, and landing, species, location caught, and other recovery information is unknown.

⁴Either release or recovery length is in error.