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**TAG RETURNS IN 1992-  
UNITED STATES HIGH SEAS SALMON TAGGING**

by

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# **TAG RETURNS IN 1992 - UNITED STATES HIGH SEAS SALMON TAGGING**

## **ABSTRACT**

Six recoveries (1 sockeye, 3 chum, and 2 pink salmon) of tagged fish released during cooperative U.S.S.R.-U.S. high-seas tagging operations are reported. The fish were recovered on the high seas (1 fish) and in coastal areas of Asia (3 fish) and North America (2 fish). None of these recoveries extend the known ocean ranges of Asian or North American salmon.

## **INTRODUCTION**

This is a report of all recoveries of salmon tags released during U.S. (1955-1978, 1980, 1982) and cooperative U.S.S.R.-U.S. (1983-1991) high-seas tagging operations and returned to the Fisheries Research Institute (FRI), School of Fisheries, University of Washington, between 1 September 1991 and 31 August 1992.

## **RESULTS AND DISCUSSION**

Six recoveries (1 sockeye, 3 chum, and 2 pink salmon) of tagged fish released during cooperative U.S.S.R.-U.S. high-seas tagging operations in 1990 are reported (Walker et al. 1990; Table 1). The fish were recovered on the high seas (1 fish) and in coastal areas of Asia (3 fish) and North America (2 fish; Fig. 1). None of these recoveries extend the known ocean ranges of Asian or North American salmon.

## **ACKNOWLEDGMENTS**

Miki Ogura, National Research Institute of Far Seas Fisheries, Fisheries Agency of Japan, and Anatoly Dekshstein, Pacific Research Institute of Fisheries and Oceanography (KamchatNIRO), provided information on the Asian recoveries. Special thanks are given to the North American fishermen, processors, biologists, and fisheries agencies who participated in the recovery of high seas tags in 1992. Funding for this work was provided by the U.S. National Oceanic and Atmospheric Administration (NOAA, Contract 50ABNF100027).

## **LITERATURE CITED**

- Walker, R.V., S. Leopold, and L. Haaga. 1990. Summary of U.S.S.R.-U.S. cooperative high seas salmonid tagging operations in 1990. (INPFC Doc.) FRI-UW-9011. Fish. Res. Inst., Univ. Washington, Seattle. 8 pp.

Table 1. Release and recovery information for U.S. and U.S.S.R.-U.S. tags returned between 1 September 1991 and 31 August 1992.

Tag no.	Species	Release/ Recovery	Date (mo/day)	INPFC <sup>1</sup> area	N. lat. (°-)	Long. (°-)	Set Gear	no.	Age <sup>2</sup>	Fork length (mm)	Sex	Body weight (g)	Description of recovery area
<u>1991 Recoveries of 1990 Releases</u>													
AA-0061	Chum	Release Recovery	04/26 07/04	W8044 22	45-31 56-40	177-06W 169-30E	Seine Gillnet	N-06	0.4 0.5	520	-	-	High Seas Recovery, Japan-U.S.S.R. J/V
AA-0180	Chum	Release Recovery	06/05 09/16	W7548 02-1	49-23 43-04	174-38W 145-12E	Seine Trapnet	N-15	0.3	520	-	-	Hamanaka, Hokkaido, Pacific Coast, Japan
AA-0261	Sock-eye	Release Recovery	06/19 06/??	W7054 48-0	54-48 58-13	165-39W 157-31W	Seine Gillnet	N-20	1.2	500	-	-	Egegik, Bristol Bay, Alaska
AA-0277	Chum	Release Recovery	06/23 09/27	W8052 02-2	52-17 44-51	179-42W 142-40E	Seine Trapnet	N-23	0.2 0.3	480 690	-	-	Esashi, Hokkaido, Okhotsk Sea Coast, Japan
<u>1990 Recoveries of 1990 Releases</u>													
AA-0323	Pink	Release Recovery	06/25 07/17	E7050 12-2	51-48 60-00	174-29E 164-00E	Seine	N-26	0.1	440 470	-	-	Uala Bay, Karaginsky District, East Kamchatka, Russia
AA-0449	Pink	Release Recovery	07/17 08/08	W6554 47-0	54-25 58-52	160-11W 157-01W	Seine	N-37	0.1	450	-	-	Graveyard Point on the upper E. side of Kvichak R. fishing area, Bristol Bay, Alaska

<sup>1</sup>2°X5° release area; general and sub-area recovery code.

<sup>2</sup>Age was determined by visual examination of scale patterns. A blank indicates that no scale sample was enclosed with the recovery

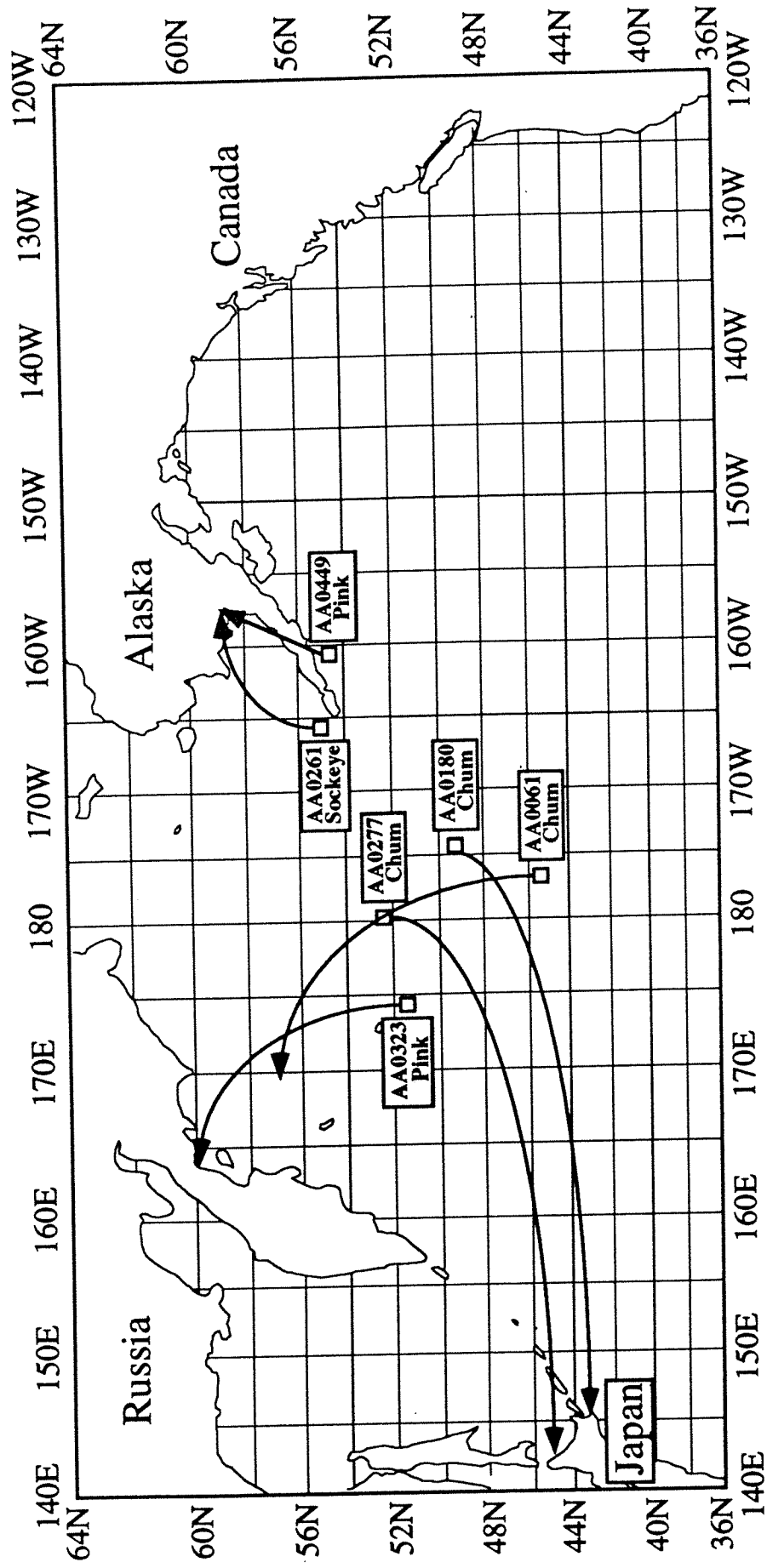


Fig. 1. Release and recovery locations of six U.S.S.R.-U.S. tags returned from 1 September 1991 to 31 August 1992.