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RECOVERIES OF SALMON TAGGED OFFSHORE IN THE NORTH PACIFIC
OCEAN BY JAPAN AND THE UNITED STATES IN 1977, 1978, AND
1979, AND ADDITIONAL RECOVERIES FROM EARLIER TAGGINGS
BY CANADA, JAPAN, AND THE UNITED STATES

by

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ABSTRACT

Aro, K. V. 1980. Recoveries of salmon tagged offshore in the North Pacific Ocean by Japan and the United States in 1977, 1978, and 1979, and additional recoveries from earlier taggings by Canada, Japan, and the United States. Can. Data Rep. Fish. Aquat. Sci. 223: 19 p.

This report lists recoveries of salmon tagged offshore in the North Pacific Ocean by Japan and the United States in 1977, 1978, and 1979, and additional recoveries from earlier taggings in the North Pacific by Canada, Japan, and the United States.

Key words: Salmon tag recoveries.

RÉSUMÉ

Aro, K. V. 1980. Recoveries of salmon tagged offshore in the North Pacific Ocean by Japan and the United States in 1977, 1978, and 1979, and additional recoveries from earlier taggings by Canada, Japan, and the United States. Can. Data Rep. Fish. Aquat. Sci. 223: 19 p.

Le présent rapport indique les prises de saumons marqués en haute mer dans l'océan Pacifique nord, par le Japon et les Etats-Unis, en 1977, 1978, et 1979 et la récupération de poissons marqués dans les années antérieures dans le Pacifique nord, par le Canada, le Japon et les Etats-Unis.

Mots-clés: récupération d'étiquettes à saumon.

INTRODUCTION

Recoveries of salmon tags from the 1956 to 1976 taggings on the high seas by Canada, Japan, and the United States were reported by Aro et al. (1971), and Aro (1972, 1974, and 1977). These reports include information on recoveries of Canadian tags reported to September 30, 1975, Japanese tags reported to September, 1976, and United States tags reported to October 11, 1976.

The present report contains information on recoveries from salmon taggings on the high seas in 1977, 1978, and 1979 by Japan and the United States, and includes additional recoveries from the 1956 to 1976 taggings subsequent to those reported by Aro (1977). These data were reported in manuscripts submitted by Canada, Japan, and the United States to the International North Pacific Fisheries Commission. The Canadian data include information on tags returned from October 1, 1976, to September 15, 1978. Recoveries of Japanese tags include all returns of tagged fish reported during the period October, 1977, to September, 1979. The United States data include information on salmon tags returned between October 12, 1976, and October 12, 1979.

In this report are listed a total of 210 tag recoveries (Table 1) of which 80 (13 sockeye, 24 chum, 25 pink, 17 coho, and 1 chinook) were recovered in the year of tagging and 130 (117 sockeye, 9 chum, and 4 chinook) were recovered in years subsequent to the year of tagging. The tagging and recovery data are listed for these tags in Tables 2 and 3 for sockeye, Tables 4 and 5 for chum, Table 6 for pink, Table 7 for coho, and Tables 8 and 9 for chinook. The first tables for sockeye, chum, and chinook, and the single tables for pink and coho include data for tagged fish recovered in the year of tagging. The second tables for sockeye, chum, and chinook include data for tagged fish recovered in years subsequent to the tagging year. The format of Tables 2 to 9 and the coding of the data in these tables are the same as in Aro et al. (1971).

In the last listing of recoveries of salmon tagged offshore (Aro 1977) the recovery area and location of sockeye tag C2035, the first tag listed on page 4, were reported erroneously. The recovery area and location should read 08-2 and 5920 16035E, respectively.

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1979. Release data for Japanese salmon tagging experiments in 1979 (May to August) and new recovery data up to September, 1979. Far Seas Fisheries Research Laboratory, Shimizu. Unpublished M. 35 p.

Table 1. Returns in 1977, 1978, and 1979 of Pacific salmon and steelhead tagged offshore in the North Pacific Ocean by Canada, Japan, and the United States.

| | Canada | Japan | United States | Total |
|-------------------------------------------------------|--------|-------|---------------|-------|
| <u>Recoveries in tagging year</u> | | | | |
| Sockeye | 1 | 8 | 4 | 13 |
| Chum | | 22 | 2 | 24 |
| Pink | | 12 | 13 | 25 |
| Coho | 1 | 5 | 11 | 17 |
| Chinook | | 1 | | 1 |
| Steelhead | | | | 0 |
| Total | 2 | 48 | 30 | 80 |
| <u>Recoveries in years subsequent to tagging year</u> | | | | |
| Sockeye | | 4 | 113 | 117 |
| Chum | | 7 | 2 | 9 |
| Pink | | | | 0 |
| Coho | | | | 0 |
| Chinook | | 4 | | 4 |
| Steelhead | | | | 0 |
| Total | 0 | 15 | 115 | 130 |

TABLE 2. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|----|------|-----|-----|-------------|----|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. | |
| 1 | W8050P | 5135 | 17628W | 060761 | R007 | 1 | 13115 | 1 | 570 | 13 | B48 | 46-0 | 5849 | 15833W | 0132 | 7 | 000 | 000 | 8 | 000 | |
| | | | | | | | | | | | | | | | | | | | | TOTAL | 3 |
| 2 | W5052 | 5310 | 14515W | 042762 | 1011 | 3 | M07780 | 1 | 540 | 12 | | 77-5 | 5054 | 11935W | 0132 | 7 | 000 | 000 | 8 | 000 | |
| | | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| | | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 13 |

TABLE 3. RETURNS OF HIGH SEAS TAGGED SOCKEYE IN YEARS SUBSEQUENT TO TAGGING YEAR.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|----|------|-----|-----|-----------|--|--|-------|-------|---|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. | | | | | |
| 3 | E6042 | 4327 | 16338E | 051478 | 3 | | K2020 | 1 | 450 | 32 | | 28-1 | 4350 | 17159E | 1721 | 1 | 540 | | 1 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | TOTAL | 1 | |
| 3 | E7048 | 4833 | 17227E | 072078 | 3 | | K2692 | 1 | 410 | 02 | | 32- | 4821 | 17330E | 1802 | 1 | 520 | 180 | 1 | 003 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 3 | E7550P | 5031 | 17734E | 072478 | 3 | | K2697 | 1 | 530 | 12 | | 47-0 | 5842 | 15727W | 1911 | 1 | | | | 8 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W8050P | 5126 | 17625W | 071975 | C018 | 1 | 94160 | 1 | 355 | 21 | A24 | 24- | 5237 | 17855E | 3023 | 1 | 542 | 185 | 6 | 016 | | | | | |
| 1 | W8050P | 5115 | 17623W | 071775 | C014 | 1 | 93843 | 1 | 390 | 21 | A03 | 25- | 5535 | 17733W | 3028 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5105 | 17625W | 072376 | C019 | 1 | A00355 | 1 | 350 | 11 | A34 | 32- | 5140 | 17452E | 1907 | 1 | 420 | 070 | 6 | 015 | | | | | |
| 1 | W8050P | 5107 | 17624W | 070478 | C004 | 1 | E00190 | 1 | 445 | 22 | B20 | 32- | 5144 | 17351E | 1901 | 1 | 520 | 000 | 6 | 015 | | | | | |
| 1 | W8050P | 5117 | 17624W | 070578 | C008 | 1 | E00372 | 1 | 480 | 22 | A06 | 32- | 5037 | 17328E | 1819 | 1 | 000 | 000 | 7 | 000 | | | | | |
| 1 | W8050P | 5127 | 17624W | 080278 | C045 | 1 | F00881 | 1 | 325 | 21 | A45 | 32- | 5113 | 17405E | 1917 | 1 | 000 | 000 | 7 | 000 | | | | | |
| 1 | W8050P | 5117 | 17625W | 072376 | C018 | 1 | A00317 | 1 | 460 | 2 | A36 | 33- | 4806 | 17559E | 1811 | 1 | 482 | 120 | 2 | 006 | | | | | |
| 1 | W8050P | 5126 | 17624W | 070575 | C002 | 1 | 93647 | 1 | 370 | 21 | A42 | 34- | 5000 | 17630W | 3023 | 1 | 600 | 245 | 5 | 040 | | | | | |
| 1 | W8050P | 5129 | 17625W | 080177 | C028 | 1 | C00043 | 1 | 345 | 11 | A11 | 45-0 | 5851 | 16030W | 3020 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5119 | 17625W | 080177 | C029 | 1 | C00182 | 1 | 350 | 21 | C03 | 45-0 | 5851 | 16030W | 3113 | 1 | 000 | 000 | 2 | 000 | | | | | |
| 1 | W8050P | 5100 | 17626W | 080877 | C036 | 1 | C00558 | 1 | 480 | 22 | B43 | 45-0 | 5851 | 16030W | 1826 | 1 | 585 | 000 | 5 | 000 | | | | | |
| 1 | W8050P | 5116 | 17626W | 071975 | C019 | 1 | 94193 | 1 | 355 | 21 | A07 | 45-1 | 5904 | 16024W | 3114 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5056 | 17624W | 081775 | C070 | 1 | 02104 | 1 | 330 | 21 | B31 | 46-0 | 5845 | 15840W | 3114 | 2 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5055 | 17625W | 071776 | C012 | 1 | A00204 | 1 | 325 | 11 | A14 | 46-0 | 5845 | 15840W | 3107 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5057 | 17624W | 080976 | C028 | 1 | A00681 | 1 | 360 | 11 | A32 | 46-0 | 5849 | 15833W | 3102 | 1 | 604 | 000 | 5 | 000 | | | | | |
| 1 | W8050P | 5055 | 17625W | 080976 | C029 | 1 | A00744 | 1 | 325 | 21 | R09 | 46-0 | 5845 | 15840W | 3100 | 9 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5118 | 17627W | 070877 | C012 | 1 | B00346 | 1 | 450 | 22 | A27 | 46-0 | 5849 | 15833W | 1907 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5100 | 17624W | 072777 | C018 | 1 | B00614 | 1 | 320 | 7 | A36 | 46-0 | 5845 | 15840W | 3110 | 9 | 000 | 000 | 5 | 000 | | | | | |
| 1 | W8050P | 5117 | 17625W | 073077 | C021 | 1 | B00734 | 1 | 350 | 11 | A45 | 46-0 | 5845 | 15840W | 1908 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5119 | 17625W | 080177 | C029 | 1 | C00170 | 1 | 385 | 11 | R41 | 46-0 | 5845 | 15840W | 1900 | 9 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5129 | 17625W | 080277 | C033 | 1 | C00337 | 1 | 365 | 1 | A42 | 46-0 | 5845 | 15840W | 1906 | 9 | 000 | 000 | 5 | 000 | | | | | |
| 1 | W8050P | 5118 | 17625W | 081077 | C038 | 1 | C00686 | 1 | 345 | 11 | A20 | 46-0 | 5845 | 15840W | 3110 | 1 | 000 | 000 | 8 | 000 | | | | | |
| 1 | W8050P | 5058 | 17626W | 081077 | C040 | 1 | C00781 | 1 | 340 | 7 | A08 | 46-0 | 5849 | 15833W | 3106 | 2 | 583 | 000 | 5 | 000 | | | | | |
| 1 | W8050P | 5137 | 17626W | 081177 | C041 | 1 | C00936 | 1 | 355 | 21 | A24 | 46-0 | 5845 | 15840W | 1901 | 1 | 000 | 000 | 8 | 000 | | | | | |

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TABLE 3. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | | SP. LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|----------|-----|-----------|------|----------|-------|----------|------|------|-----|-----|-----------|-----|
| | | LAT. | LONG. | | SET NO. | GEAR | TAG NO. | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. | |
| 1 | W8050P | 5107 | 17626W | 081277 | C044 | 1 | D00202 | 1 | 325 | 11 | A07 | 46-0 | 5845 | 15840W | 1909 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17625W | 081277 | C045 | 1 | D00273 | 1 | 310 | 11 | A03 | 46-0 | 5845 | 15840W | 3118 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17625W | 081277 | C045 | 1 | D00290 | 1 | 375 | 11 | A20 | 46-0 | 5849 | 15833W | 3107 | 2 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5057 | 17625W | 081277 | C045 | 1 | D00292 | 1 | 385 | 11 | A22 | 46-0 | 5845 | 15840W | 1828 | 1 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5127 | 17625W | 081477 | C047 | 1 | D00419 | 1 | 360 | 11 | A13 | 46-0 | 5845 | 15840W | 1911 | 1 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5127 | 17625W | 081477 | C047 | 1 | D00449 | 1 | 470 | 12 | A43 | 46-0 | 5849 | 15833W | 1912 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5127 | 17625W | 081777 | C052 | 1 | D00678 | 1 | 330 | 11 | A19 | 46-0 | 5902 | 15827W | 3101 | 0 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5106 | 17624W | 070578 | C007 | 1 | E00311 | 1 | 445 | 22 | A15 | 46-0 | 5845 | 15840W | 1915 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5107 | 17624W | 072378 | C031 | 1 | F00013 | 1 | 365 | 21 | A03 | 46-0 | 5845 | 15840W | 1908 | 1 | 585 | 000 | 2 | 000 |
| 1 | W8050P | 5136 | 17624W | 081578 | C065 | 1 | G00736 | 1 | 370 | 21 | A03 | 46-0 | 5845 | 15840W | 1911 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5107 | 17624W | 080578 | C053 | 1 | G00168 | 1 | 390 | 21 | A05 | 46-4 | 5857 | 15829W | 1912 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17624W | 072575 | C033 | 1 | 94647 | 1 | 345 | 1 | A33 | 47-0 | 5843 | 15700W | 3027 | 1 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5105 | 17625W | 072376 | C019 | 1 | A00335 | 1 | 330 | 21 | A14 | 47-0 | 5835 | 15714W | 1828 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5055 | 17625W | 072476 | C021 | 1 | A00118 | 1 | 490 | 22 | A29 | 47-0 | 5835 | 15714W | 1829 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5126 | 17625W | 072576 | C025 | 1 | A00476 | 1 | 485 | 22 | A08 | 47-0 | 5835 | 15714W | 1907 | 1 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5126 | 17625W | 072576 | C025 | 1 | A00563 | 1 | 475 | 2 | C45 | 47-0 | 5840 | 15701W | 1913 | 2 | 577 | 000 | 5 | 000 |
| 1 | W8050P | 5057 | 17628W | 080976 | C028 | 1 | A00674 | 1 | 330 | 7 | A25 | 47-0 | 5843 | 15700W | 3101 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5117 | 17628W | 070477 | C004 | 1 | A00881 | 1 | 450 | 12 | A33 | 47-0 | 5843 | 15700W | 1913 | 9 | 543 | 000 | 5 | 000 |
| 1 | W8050P | 5135 | 17625W | 072277 | C013 | 1 | B00360 | 1 | 350 | 11 | A04 | 47-0 | 5843 | 15700W | 1829 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5135 | 17625W | 072277 | C013 | 1 | B00382 | 1 | 355 | 11 | A26 | 47-0 | 5846 | 15703W | 1907 | 1 | 483 | 000 | 2 | 000 |
| 1 | W8050P | 5135 | 17625W | 072277 | C013 | 1 | B00426 | 1 | 345 | 21 | B20 | 47-0 | 5843 | 15700W | 3111 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5119 | 17625W | 072277 | C015 | 1 | B00495 | 1 | 340 | 11 | A02 | 47-0 | 5835 | 15714W | 3103 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5119 | 17625W | 072277 | C015 | 1 | B00518 | 1 | 355 | 11 | A25 | 47-0 | 5843 | 15700W | 1332 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5058 | 17624W | 072777 | C019 | 1 | B00666 | 1 | 355 | 11 | A45 | 47-0 | 5845 | 15710W | 1830 | 0 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5117 | 17625W | 073077 | C021 | 1 | B00696 | 1 | 375 | 11 | A07 | 47-0 | 5843 | 15700W | 1332 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5117 | 17625W | 073077 | C021 | 1 | B00732 | 1 | 360 | 11 | A43 | 47-0 | 5843 | 15700W | 3028 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17625W | 073077 | C022 | 1 | B00764 | 1 | 335 | 11 | A09 | 47-0 | 5843 | 15700W | 3101 | 9 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5117 | 17626W | 073177 | C024 | 1 | B00847 | 1 | 360 | 21 | A44 | 47-0 | 5840 | 15701W | 3029 | 2 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5117 | 17626W | 073177 | C024 | 1 | B00864 | 1 | 345 | 11 | B11 | 47-0 | 5835 | 15714W | 3113 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5128 | 17625W | 073177 | C025 | 1 | B00910 | 1 | 355 | 11 | A19 | 47-0 | 5843 | 15700W | 3104 | 9 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5128 | 17625W | 073177 | C026 | 1 | B00993 | 1 | 330 | 11 | A37 | 47-0 | 5843 | 15700W | 2532 | 1 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5100 | 17626W | 080877 | C036 | 1 | C00533 | 1 | 330 | 21 | B18 | 47-0 | 5843 | 15700W | 3105 | 1 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5108 | 17626W | 081077 | C039 | 1 | C00706 | 1 | 355 | 11 | A09 | 47-0 | 5826 | 15754W | 1827 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5137 | 17626W | 081177 | C041 | 1 | C00952 | 1 | 330 | 21 | A40 | 47-0 | 5840 | 15701W | 3113 | 2 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5137 | 17626W | 081177 | C041 | 1 | D00012 | 1 | 365 | 11 | B50 | 47-0 | 5840 | 15830W | 1900 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5107 | 17626W | 081277 | C044 | 1 | D00225 | 1 | 390 | 11 | A30 | 47-0 | 5843 | 15700W | 1900 | 2 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5117 | 17624W | 070478 | C003 | 1 | E00042 | 1 | 540 | 12 | A20 | 47-0 | 5846 | 15703W | 1917 | 2 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5126 | 17624W | 071578 | C016 | 1 | E00645 | 1 | 440 | 12 | A13 | 47-0 | 5843 | 15700W | 1901 | 1 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5127 | 17624W | 072778 | C037 | 1 | F00213 | 1 | 380 | 21 | A15 | 47-0 | 5846 | 15703W | 1905 | 1 | 000 | 000 | 2 | 000 |

TABLE 3. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | | SP. LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | | | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|----------|-----|-----------|------|----------|-------|----------|------|------|-----|-----|-------------|-----|--|--|--|--|--|--|--|
| | | LAT. | LONG. | | SET NO. | GEAR | TAG NO. | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. | | | | | | | | |
| 1 | W8050P | 5117 | 17625W | 081777 | C053 | 1 | D00725 | 1 | 375 | 21 | A29 | 53-4 | 5540 | 15950W | 3106 | 2 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5124 | 17634W | 070774 | M010 | 1 | 89677 | 1 | 330 | 11 | A10 | 54-1 | 5616 | 15851W | 3511 | 7 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5105 | 17625W | 081176 | C034 | 1 | A00992 | 1 | 325 | 11 | B14 | 54-1 | 5620 | 15829W | 3106 | 3 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5056 | 17624W | 081675 | C067 | 1 | 957 | 1 | 315 | 21 | A46 | 54-4 | 5725 | 15600W | 4217 | 3 | 000 | 000 | 5 | 000 | | | | | | | |
| 1 | W8050P | 5056 | 17624W | 081775 | C070 | 1 | 02030 | 1 | 335 | 21 | A08 | 55- | | 1 W | 3100 | 9 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5105 | 17625W | 072376 | C019 | 1 | A00339 | 1 | 310 | 11 | A18 | 55-1 | | 1 W | 3200 | 0 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5057 | 17625W | 081577 | C050 | 1 | D00582 | 1 | 390 | 11 | A09 | 55-2 | 5738 | 15400W | 1829 | 9 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5129 | 17625W | 080177 | C028 | 1 | C00063 | 1 | 330 | 11 | A31 | 56-3 | 5811 | 15215W | 3024 | 3 | 000 | 000 | 2 | 000 | | | | | | | |
| 1 | W8050P | 5105 | 17625W | 081176 | C034 | 1 | A00824 | 1 | 375 | 11 | B46 | 61-1 | 5926 | 13933W | 1907 | 2 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5119 | 17625W | 080177 | C029 | 1 | C00167 | 1 | 360 | 21 | R38 | 62-0 | 5640 | 13505W | 1917 | 3 | 000 | 000 | 8 | 000 | | | | | | | |
| 1 | W8050P | 5105 | 17625W | 081176 | C034 | 1 | A00954 | 1 | 370 | 11 | A26 | 66- | 5511 | 13111W | 3117 | 3 | 000 | 000 | 8 | 000 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 113 | | | | | | | |
| 3 | W7548 | 4935 | 17203W | 081178 | | 3 | K2980 | 1 | 440 | 11 | | 77-9 | 5042 | 12156W | 1910 | 6 | | | 8 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 117 | | | | | | | |

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TABLE 4. RETURNS OF HIGH SEAS TAGGED CHUM IN YEAR OF TAGGING.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | |
|-------|--------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|-----|-----|-----------|---|-----|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | DATE | M. | LEN. | WT. | SEX | GONAD WT. | | |
| 3 | E4544P | 4431 | 14800E | 102476 | 3 | | G5880 | 2 | 680 | 03 | | 02-0 | 4405 | 14515E | 1120 | 5 | | | 8 | |
| 3 | E4544P | 4432 | 14800E | 101476 | 3 | | G5821 | 2 | 690 | 03 | | 02-1 | 4305 | 14500E | 1030 | 5 | 700 | 400 | 5 | |
| 3 | E4544P | 4444 | 14800E | 102776 | 3 | | G5884 | 2 | 610 | 02 | | 02-2 | 4405 | 14510E | 1110 | 5 | 600 | | 8 | |
| TOTAL | | | | | | | | | | | | | | | | | | | 3 | |
| 3 | E5550P | 5030 | 15800E | 081976 | 3 | | G6469 | 2 | 620 | 02 | | 02-2 | 4355 | 14440E | 0929 | 5 | | 300 | 5 | |
| 3 | E5550P | 5145 | 15915E | 070874 | 3 | | D1441 | 2 | 650 | 03 | | 09-2 | 5245 | 15605E | 0730 | 0 | 630 | 400 | 2 | 175 |
| TOTAL | | | | | | | | | | | | | | | | | | | 2 | |
| 3 | E6044 | 4429 | 16131E | 061679 | 3 | | N3470 | 2 | 470 | 02 | | 02-3 | 4505 | 14200E | 1002 | 5 | 570 | 170 | 8 | |
| TOTAL | | | | | | | | | | | | | | | | | | | 1 | |
| 3 | E6558 | 5830 | 16630E | 081576 | 3 | | G5376 | 2 | 580 | 02 | | 01-0 | 3651 | 14048E | 1014 | 5 | 620 | 250 | 8 | |
| TOTAL | | | | | | | | | | | | | | | | | | | 1 | |
| 3 | E6544 | 4527 | 16934E | 052479 | 3 | | N2495 | 2 | 580 | 03 | | 28-1 | 4630 | 17128E | 0601 | 1 | 590 | 230 | 7 | |
| 3 | E6544 | 4527 | 16934E | 052479 | 3 | | N2502 | 2 | 490 | 03 | | 32- | 5129 | 17327E | 0718 | 1 | 500 | 140 | 7 | |
| TOTAL | | | | | | | | | | | | | | | | | | | 2 | |
| 3 | E6542 | 4329 | 16838E | 060378 | 3 | | K2149 | 2 | 550 | 03 | | 39- | | 1 | 0132 | 1 | 650 | | 7 | |
| 3 | E6542 | 4329 | 16838E | 060378 | 3 | | K2156 | 2 | 520 | | | 39- | | 1 | 0132 | 1 | | | 7 | |
| TOTAL | | | | | | | | | | | | | | | | | | | 2 | |
| 3 | E7046 | 4737 | 17345E | 061078 | 3 | | K2343 | 2 | 540 | 03 | | 31- | 5047 | 16940E | 0705 | 1 | 550 | 190 | 1 | 002 |
| TOTAL | | | | | | | | | | | | | | | | | | | 1 | |

TABLE 4. CONTINUED.

| AGY | AREA | | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | |
|-----|--------|-------|----------|--------|------|---------|------|---------|-----|------|------|-----------|------|----------|-----|----------|-----|-------|-----------|---|
| | LAT. | LONG. | LAT. | LONG. | | SET NO. | GEAR | | | | | | | DATE | M. | LEN. | WT. | SEX | GONAD WT. | |
| 3 | E7044 | 4428 | 17326E | 052779 | 3 | N0334 | 2 | 330 | 02 | 32- | 5010 | 17335E | 0710 | 1 | 450 | 100 | 1 | 002 | TOTAL | 1 |
| 3 | E7042 | 4226 | 17334E | 052979 | 3 | N0482 | 2 | 380 | 02 | 23- | 5614 | 17447E | 0718 | 1 | 400 | 060 | 4 | 009 | TOTAL | 2 |
| 3 | E7042 | 4330 | 17355E | 060578 | 3 | K2210 | 2 | 430 | 02 | 28-1 | 4736 | 17431E | 0711 | 1 | 460 | 110 | 1 | | | |
| 3 | E7040 | 4133 | 17126E | 051679 | 3 | N0026 | 2 | 420 | 02 | 32- | 4952 | 17335E | 0710 | 1 | 440 | 090 | 4 | 010 | TOTAL | 1 |
| 3 | E7556 | 5659 | 17800E | 062276 | 3 | G5237 | 2 | 610 | 04 | 02-1 | 4320 | 14540E | 1027 | 5 | 700 | 390 | 5 | TOTAL | 1 | |
| 3 | E7552B | 5318 | 17912E | 061476 | 3 | G6376 | 2 | 550 | 03 | 02-2 | 4435 | 14250E | 1001 | 5 | 640 | 350 | 8 | TOTAL | 1 | |
| 3 | E7546 | 4629 | 17837E | 061378 | 3 | K2408 | 2 | 540 | 03 | 32- | 4917 | 17346E | 0709 | 1 | 560 | 210 | 1 | 008 | TOTAL | 1 |
| 3 | E7544 | 4433 | 17533E | 060179 | 3 | N0641 | 2 | 450 | 02 | 23- | 5614 | 17447E | 0718 | 1 | 510 | 170 | 1 | 003 | TOTAL | 2 |
| 3 | E7544 | 4533 | 17936E | 061479 | 3 | N1094 | 2 | 440 | 02 | 23- | 5425 | 17320E | 0720 | 1 | 450 | 110 | 1 | 003 | | |
| 3 | W8058 | 5903 | 17745W | 070777 | 3 | H1616 | 2 | 650 | 04 | 02-1 | 4301 | 14436E | 1030 | 5 | 720 | 320 | 5 | TOTAL | 1 | |

TABLE 4. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|----|------|-----|-----|-------------|----|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. | |
| 1 | W8050P | 5137 | 17624W | 072978 | C040 | 1 | F00571 | 2 | 490 | 2 | B03 | 02-2 | 4405 | 14510E | 1117 | 5 | 000 | 000 | 8 | 000 | |
| | | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W4058 | 5831 | 13754W | 091066 | H097 | 1 | 83473 | 2 | 630 | 3 | E16 | 65-1 | 5528 | 13308W | 0132 | 7 | 000 | 000 | 7 | 000 | |
| | | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| | | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 24 |

TABLE 5. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | | | |
|-----|-------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|-----|-----|-----------|---|-------|-------------|---|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | DATE | M. | LEN. | WT. | SEX | GONAD WT. | | | | |
| 1 | W5556 | 5648 | 15247W | 062061 | X020 | 1 | 24156 | 2 | 615 | 3 | A20 | 76-0 | 4924 | 12436W | 1332 | 7 | 000 | 000 | 8 | 000 | | |
| | | | | | | | | | | | | | | | | | | | | TOTAL | 1 | |
| | | | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 9 |

TABLE 6. CONTINUED.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|----|------|-----|-------------|-----------|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. |
| 1 | W8050P | 5056 | 17624W | 070578 | C005 | 1 | E00217 | 3 | 475 | 7 | A19 | 46-0 | 5845 | 15840W | 0800 | 1 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5137 | 17624W | 071078 | C014 | 1 | E00599 | 3 | 475 | 1 | A41 | 46-0 | 5849 | 15833W | 0810 | 1 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5137 | 17624W | 071578 | C015 | 1 | E00625 | 3 | 440 | 1 | A23 | 46-0 | 5849 | 15833W | 0817 | 1 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5137 | 17624W | 072978 | C040 | 1 | F00547 | 3 | 530 | 7 | A29 | 52-0 | 5354 | 16630W | 0815 | 0 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17624W | 072078 | C024 | 1 | E00863 | 3 | 550 | 1 | A20 | 52-7 | 5255 | 17255E | 1025 | 6 | 000 | 000 | 8 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 10 |
| 3 | W8044 | 4530 | 17631W | 061777 | | 3 | H1078 | 3 | 420 | 01 | | 12-1 | 59 | 16330E | 0900 | 0 | 380 | | 8 | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 3 | W7046 | 4729 | 16834W | 061877 | | 3 | H0427 | 3 | 430 | 01 | | 24- | 5616 | 17545E | 0718 | 1 | 500 | 120 | 2 | 085 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W5056 | 5737 | 14615W | 071063 | X095 | 1 | 54518 | 3 | 500 | 1 | A06 | 63-3 | 5733 | 13500W | 0132 | 7 | 000 | 000 | 8 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W4556 | 5736 | 14202W | 072263 | X110 | 3 | 55484 | 3 | 500 | 1 | A13 | 70-7 | 5311 | 13148W | 0132 | 7 | 000 | 000 | 8 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W3048 | 4901 | 12610W | 071466 | H048 | 1 | 82526 | 3 | 505 | 1 | A31 | 74-9 | 5050 | 12905W | 0132 | 7 | 000 | 000 | 8 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 25 |

TABLE 7. RETURNS OF HIGH SEAS TAGGED COHO IN YEAR OF TAGGING.

| AGY | AREA | LOCATION | | DATE | TAGGING | | | | | AREA | LOCATION | | RECOVERY | | | | | | | |
|-----|--------|----------|--------|--------|---------|------|---------|-----|------|------|----------|-----------|----------|--------|------|-----|------|-----|-------------|-----------|
| | | LAT. | LONG. | | SET NO. | GEAR | TAG NO. | SP. | LEN. | | AGE | SCALE NO. | LAT. | LONG. | DATE | M. | LEN. | WT. | SEX | GONAD WT. |
| 3 | E5550P | 5030 | 15800E | 081976 | | 3 | G6461 | 4 | 610 | 21 | 12-1 | 5845 | 16400E | 0907 | 0 | | | 8 | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 3 | E6048 | 4959 | 16430E | 082378 | | 3 | K0541 | 4 | 600 | 1 | 10-0 | 5229 | 15834E | 0915 | 0 | 600 | | 8 | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 3 | E6558 | 5830 | 16630E | 081576 | | 3 | G5375 | 4 | 590 | 11 | 10-2 | 5612 | 16230E | 0132 | 0 | 550 | | 8 | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| 1 | W8050P | 5055 | 17628W | 073174 | M041 | 1 | 92960 | 4 | 605 | 11 | A23 | 09-2 | 5236 | 15616E | 0921 | 0 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5057 | 17624W | 072478 | C033 | 1 | F00107 | 4 | 540 | 21 | A19 | 10-0 | 5300 | 15830E | 0901 | 0 | 000 | 260 | 2 | 000 |
| 1 | W8050P | 5107 | 17624W | 081378 | C060 | 1 | G00562 | 4 | 565 | 1 | A30 | 10-0 | 5246 | 15835E | 0930 | 0 | 000 | 000 | 5 | 000 |
| 1 | W8050P | 5059 | 17625W | 073171 | C040 | 1 | 91986 | 4 | 550 | 21 | A22 | 11-0 | 5612 | 16230E | 0823 | 0 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5119 | 17625W | 072277 | C015 | 1 | B00530 | 4 | 470 | 21 | A37 | 11-0 | 5600 | 16230E | 0827 | 0 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5117 | 17625W | 073077 | C021 | 1 | B00711 | 4 | 475 | 11 | A22 | 11-1 | 5610 | 16230E | 0910 | 0 | 000 | 000 | 2 | 000 |
| 1 | W8050P | 5108 | 17625W | 080277 | C031 | 1 | C00243 | 4 | 400 | 21 | A09 | 11-1 | 5610 | 16230E | 0909 | 0 | 410 | 000 | 8 | 000 |
| 1 | W8050P | 5118 | 17625W | 080277 | C032 | 1 | C00291 | 4 | 610 | 11 | A46 | 11-1 | 5610 | 16230E | 0823 | 9 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5108 | 17625W | 073177 | C023 | 1 | B007A7 | 4 | 590 | 11 | A19 | 12-1 | 5920 | 16310E | 1000 | 6 | 000 | 000 | 8 | 000 |
| 1 | W8050P | 5117 | 17624W | 070578 | C008 | 1 | E00387 | 4 | 460 | 1 | A21 | 32- | 5106 | 17412E | 0715 | 1 | 469 | 128 | 2 | 033 |
| 1 | W8050P | 5127 | 17624W | 072378 | C029 | 1 | E00983 | 4 | 550 | 21 | A17 | 42-1 | 6500 | 15038W | 0928 | 6 | 000 | 000 | 5 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 11 |
| 3 | W7544 | 4428 | 17331W | 062877 | | 3 | H0539 | 4 | 460 | 11 | 11-1 | 5615 | 16220E | 1100 | 0 | 520 | 200 | 8 | | |
| 3 | W7544 | 4428 | 17331W | 062A77 | | 3 | H0534 | 4 | 490 | 11 | 46- | 1 | W | 0906 | 0 | 610 | | 5 | | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 2 |
| 2 | W3546 | 4700 | 13500W | 052265 | A035 | 3 | M50303 | 4 | 520 | 11 | A17 | 90-1 | 4530 | 12350W | 0132 | 7 | 000 | 000 | 8 | 000 |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 17 |

TABLE 8. RETURNS OF HIGH SEAS TAGGED CHINOOK IN YEAR OF TAGGING.

| AGY | AREA | LOCATION | | DATE | TAGGING | | | | AREA | LOCATION | | RECOVERY | | | | | | | | |
|-----|-------|----------|--------|--------|---------|------|---------|----------|------|----------|-----------|----------|--------|------|----|------|-----|-----|-------------|---|
| | | LAT. | LONG. | | SET NO. | GEAR | TAG NO. | SP. LEN. | | AGE | SCALE NO. | LAT. | LONG. | DATE | M. | LEN. | WT. | SFX | GONAD WT. | |
| 3 | W8058 | 5802 | 17752W | 070177 | | 3 | H1611 | 5 | 550 | 12 | 25- | 5812 | 17757W | 0705 | 1 | 550 | 180 | 1 | 006 | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 1 |
| | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 1 |

TABLE 9. RETURNS OF HIGH SEAS TAGGED CHINOOK IN YEARS SUBSEQUENT TO TAGGING YEAR.

| AGY | AREA | LOCATION | | DATE | TAGGING | | TAG NO. | SP. | LEN. | AGE | SCALE NO. | AREA | LOCATION | | RECOVERY | | | | GONAD WT. | |
|-----|-------|----------|--------|--------|---------|------|---------|-----|------|-----|-----------|------|----------|--------|----------|-----|-----|-----|-------------|---|
| | | LAT. | LONG. | | SET NO. | GEAR | | | | | | | DATE | M. | LEN. | WT. | SEX | | | |
| 3 | E7558 | 5803 | 17859E | 061975 | 3 | | E0159 | 5 | 530 | 12 | | 42-1 | 6145 | 16200W | 3000 | 1 | | 910 | 8 | |
| 3 | E7558 | 5833 | 17900E | 062075 | 3 | | E0168 | 5 | 630 | 13 | | 46- | 1 | W | 3016 | 0 | | | 8 | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 2 |
| 3 | E7556 | 5731 | 17859E | 061875 | 3 | | E0128 | 5 | 340 | 11 | | 25- | 5738 | 17925W | 3023 | 1 | 630 | 240 | 4 | |
| 3 | E7556 | 5731 | 17859E | 061875 | 3 | | E0127 | 5 | 560 | | | 42- | 6232 | 16500W | 3028 | 1 | 850 | | 5 | |
| | | | | | | | | | | | | | | | | | | | TOTAL | 2 |
| | | | | | | | | | | | | | | | | | | | GRAND TOTAL | 4 |

