

**FISH COMMISSION OF OREGON  
DATA REPORT SERIES**

**OREGON ALBACORE TUNA FISHERY  
STATISTICS, 1968-72**

**LARRY H. HREHA**

**REPORT NUMBER 5  
DECEMBER 1974**

## DATA REPORT SERIES

This series has been established for the purpose of distributing large amounts of tabular and graphic reference material. The information may consist of various forms of catch statistics, measurements of environmental conditions, and biological data on various fishes. Prior to 1969, this type of information was included in the Investigational Reports of the Fish Commission.

OREGON ALBACORE TUNA FISHERY  
STATISTICS, 1968-72

Larry H. Hreha

Data Report No. 5

Fish Commission of Oregon  
Division of Management and Research  
Clackamas, Oregon

December 1974

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## INTRODUCTION

This report is a compilation of catch and fishing effort and length-frequency data for Oregon albacore (*Thunnus alalunga*) landings for 1968 through 1972 and is a continuation of previously published information (Ayers and Meehan, 1963; Meehan and Hreha, 1969). The collection and compilation of these data were carried out as part of the state management and research program on marine fisheries. The National Sea Grant Program through the Pacific Marine Fisheries Commission contributed partial funding for field sampling in 1972 (Sea Grant Number 04-3-158-35).

## METHODS

Catch locality and fishing effort were obtained by interviewing albacore fishermen, usually during the unloading operations, or by copying boat logbooks. This information was applied to the total landings by port and area and converted from month of landing to month of catch by computer, in the manner described by Meehan and Hreha (1969). Samples of the landings were also measured to determine the size composition of the catch.

The statistical areas used in this report are the ones used by Ayers and Meehan, 1963, and Meehan and Hreha, 1969. They are modifications of areas used by the Inter-American Tropical Tuna Commission (Schaefer 1953) and California Department of Fish and Game (Clemens 1955).

## DISCUSSION

### Data Compilation

Table 1 shows the sampling intensity for the years 1968-72. The total pounds of albacore caught that were assigned to one-degree blocks, pounds caught for which interviews were obtained, and the percentage of the total

2.

catch for which interviews were obtained are shown for each month. Table 2 lists the annual Oregon albacore landings by month and port as compiled from the Fish Commission of Oregon poundage records. All of the figures and tables in this report, except Table 2, are based on month of catch rather than month of landing. Table 3 shows the percentage of the total catch that was assigned to one-degree blocks. In Tables 4 through 8 are listed the calculated catch of albacore by one-degree blocks, by month of catch, port of landings, and method of fishing for the years 1968-72. Tables 9 through 39 list the length-frequency data collected by month and by port for the years 1968-72 and on the 1968 pre-season cruise. Table 40 lists the length-frequency distribution in percentage by month and year, grouping all areas and ports.

Figures 1 through 18 show catch distribution by area based on Tables 4 through 8 and include only assignable poundages. Figures 19 through 23 show length-frequency distributions based on the data from Table 40.

#### Seasonal Summaries

The albacore fishery off the Oregon coast starts about mid-July and continues until early October when weather usually ends the season. During some years, good catches are made in October but usually fish landed in Oregon in October and November are caught off California.

Landings during the period of this report ranged from the record high of 37,751,816 lbs to a low of 8,419,585 lbs and averaged 24,167,306 lbs.

1968 - In 1968 the albacore landings in Oregon set a record of 37,751,816 lbs. July and August landings established records for those months. The best fishing in July was between Coos Bay and Cascade Head from 80 to 120 miles offshore. During August the center of fishing success

moved northward and was located from Grays Harbor to southern Vancouver Island by the end of the month. In September the jig boat success dropped and the bait boat catches increased from 300 to 400 fish/day to 1,500 fish/day. By mid-September the jig boat effort was concentrated off the mouth of the Columbia River and off northern Washington about 60 to 120 miles offshore. The bait boats were concentrated from Tillamook Head to Grays Harbor within 50 miles of shore. By the end of September, the jig boats were reporting only spotty catches and by October 10 bait boat fishing was spotty and most jig boats had quit for the season. Storms ended the season in northwest waters by mid-October.

1969 - The 29,827,549 lbs landed in Oregon in 1969 was the second highest landing since the fishery began in 1936. The season got underway about mid-July when the first commercial size catches were made 100 to 140 miles off Coos Bay. The center of fishing moved northward and was located off Destruction Island, Washington, by the end of the month. Fishing was spotty early in August with the fleet scattered from Coos Bay to Vancouver Island, Canada. About mid-August concentrations of fish were found 60 to 100 miles off Newport and 80 to 140 miles off northern Washington and southern Vancouver Island. August landings of 18.2 million pounds were the highest for a single month in the history of the Oregon fishery. Weather deteriorated during September and much of the jig boat fleet moved south to California or quit for the season. However, bait boats were quite successful for about 2 weeks when catches of up to 2,000 fish/day were reported 25 to 60 miles offshore between Astoria and Newport. Fishing off Oregon and Washington ceased by mid-October.

1970 - Because of a price dispute, the albacore fleet did not fish until July 15 when agreement was reached. Catches of up to 300 fish/boat

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were reported on July 16 off northern California and southern Oregon. The fleet moved rapidly northward with the fish and during the last week of the month the fishery was operating 60 to 100 miles off the mouth of the Columbia River. Daily catches averaged 400 to 800 fish/day with some boats reporting up to 1,200 fish/day. On July 30 the jig fishery collapsed, with catches dropping to less than 50 fish/day, and did not significantly recover off Oregon in August or September. July landings reached 7.6 million pounds.

After large scale scouting in the first half of August failed to locate any concentrations of fish from southern Oregon to Vancouver Island, many boats moved to northern and central California where good fishing was reported. Jig boats that remained in the Pacific Northwest had fair but spotty fishing through September averaging 100 to 150 fish/day when they could find fish. Bait boats had good to excellent fishing close inshore near the Columbia River during the last 10 days of September and into October with catches of up to 20 tons/boat per day but with an average of 3 to 5 tons/boat per day. Fishing terminated about mid-October when heavy weather set in. The season landings of 21,781,574 lbs were over 3 million pounds above the 10-year average for Oregon.

1971 - By the 2nd week of July, jig boats were fishing from Newport to Cape Flattery with the best fishing off the Columbia River. During the 1st week of August, fishing success declined in the area and most of the boats moved south to California waters. The few boats that remained in the Pacific Northwest in late August operated as far north as Queen Charlotte Sound where good catches were made when weather permitted. Catches of 400 fish/day were common with some boats reporting as high as 800 fish/day. By early September very few boats remained off the Pacific Northwest. During

the last week of September, some albacore were caught off Newport and Destruction Island by boats returning from California where most of the landings this year were made. Oregon landings for the season totaled 8,419,585 lbs which was the poorest season since 1964.

1972 - In 1972 the first commercial catches off Oregon were made during the 2nd week of July, 100 to 150 miles west of Coos Bay. Early catches ran up to 300 fish/day. The fishery moved northward and by mid-July the best fishing was between Newport and Astoria, with some albacore being caught as far north as Cape Scott, British Columbia. During the last half of July, good fishing was reported from Coos Bay to Cape Flattery with the best success around the Columbia River "dumping grounds," 60 to 100 miles offshore from Grays Harbor. Fishing was spotty during the first half of August with Cape St. James being the most consistent area. During the last half of August, fishing success dropped off Oregon and Washington and most of the fleet moved up to the Queen Charlotte Sound area where catches averaged around 200 fish/day. Bait boats reported good catches off northern Washington by early September. Catches remained good off British Columbia and northern Washington until about September 20 when rough weather set in for several days. Most northern boats quit for the season and California boats headed south by the end of September. The season ended off Oregon by mid-October. Total season landings were 23,056,004 lbs, some 3.5 million pounds above the 10-year average.

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Table 1. Sampling Intensity for the Oregon Albacore Fishery, 1968-72

| Assigned Month | Total Catch (Pounds) | Pounds Sampled | Percentage Catch Sampled |
|----------------|----------------------|----------------|--------------------------|
| <u>1968</u>    |                      |                |                          |
| July           | 10,333,680           | 3,114,538      | 30.1                     |
| August         | 15,766,619           | 5,753,178      | 36.5                     |
| September      | 8,124,757            | 2,588,754      | 31.9                     |
| October        | <u>325,037</u>       | <u>71,993</u>  | <u>22.1</u>              |
| Total          | 34,550,093           | 11,528,463     | 33.4                     |
| <u>1969</u>    |                      |                |                          |
| July           | 6,749,072            | 2,886,646      | 42.8                     |
| August         | 16,654,137           | 5,746,060      | 34.5                     |
| September      | 4,412,350            | 1,030,971      | 23.4                     |
| October        | <u>692,607</u>       | <u>8,308</u>   | <u>12.0</u>              |
| Total          | 28,508,166           | 9,671,985      | 33.9                     |
| <u>1970</u>    |                      |                |                          |
| July           | 10,974,688           | 3,245,609      | 29.6                     |
| August         | 5,519,815            | 1,010,135      | 18.3                     |
| September      | 3,637,990            | 424,422        | 11.7                     |
| October        | <u>134,770</u>       | <u>8,426</u>   | <u>6.3</u>               |
| Total          | 20,267,263           | 4,688,592      | 23.1                     |
| <u>1971</u>    |                      |                |                          |
| July           | 4,745,502            | 875,776        | 18.5                     |
| August         | <u>2,210,486</u>     | <u>370,258</u> | <u>16.8</u>              |
| Total          | 6,955,988            | 1,246,034      | 17.9                     |
| <u>1972</u>    |                      |                |                          |
| July           | 7,161,287            | 1,882,826      | 26.3                     |
| August         | 12,175,715           | 3,361,650      | 27.6                     |
| September      | 2,646,949            | 768,781        | 29.0                     |
| October        | <u>3,293</u>         | <u>1,115</u>   | <u>33.9</u>              |
| Total          | 21,987,244           | 6,014,372      | 27.3                     |

Table 2. Oregon Albacore Landings by Year, Month, and Port, 1968-72

| Port           | 1968      |            |           |           |        |      | Total      |
|----------------|-----------|------------|-----------|-----------|--------|------|------------|
|                | July      | August     | Sept.     | Oct.      | Nov.   | Dec. |            |
| Astoria        |           |            |           |           |        |      |            |
| Pounds         | 3,430,242 | 15,012,113 | 7,696,916 | 2,953,492 | 12,487 | 697  | 29,105,947 |
| Landings       | 162       | 951        | 454       | 142       | 2      | 2    | 1,713      |
| Tillamook      |           |            |           |           |        |      |            |
| Pounds         | 14,388    | 7,105      | 7,323     | 0         | 0      | 0    | 28,816     |
| Landings       | 5         | 9          | 13        |           |        |      | 27         |
| Pacific City   |           |            |           |           |        |      |            |
| Pounds         | 0         | 406        | 9,593     | 0         | 0      | 0    | 9,999      |
| Landings       |           | 3          | 47        |           |        |      | 50         |
| Depoe Bay      |           |            |           |           |        |      |            |
| Pounds         | 0         | 10,673     | 6,392     | 0         | 0      | 0    | 17,065     |
| Landings       |           | 12         | 12        |           |        |      | 24         |
| Newport        |           |            |           |           |        |      |            |
| Pounds         | 1,396,365 | 790,360    | 648,032   | 0         | 0      | 0    | 2,834,757  |
| Landings       | 185       | 202        | 272       |           |        |      | 659        |
| Florence       |           |            |           |           |        |      |            |
| Pounds         | 0         | 0          | 450       | 0         | 0      | 0    | 450        |
| Landings       |           |            | 1         |           |        |      | 1          |
| Winchester Bay |           |            |           |           |        |      |            |
| Pounds         | 617,797   | 200,127    | 0         | 0         | 0      | 0    | 817,924    |
| Landings       | 49        | 21         |           |           |        |      | 70         |
| Coos Bay       |           |            |           |           |        |      |            |
| Pounds         | 2,622,574 | 1,987,062  | 200,281   | 32,047    | 1,434  | 0    | 4,843,398  |
| Landings       | 312       | 193        | 45        | 7         | 1      |      | 558        |
| Port Orford    |           |            |           |           |        |      |            |
| Pounds         | 0         | 0          | 8,117     | 0         | 0      | 0    | 8,117      |
| Landings       |           |            | 5         |           |        |      | 5          |
| Gold Beach     |           |            |           |           |        |      |            |
| Pounds         | 1,335     | 0          | 0         | 0         | 0      | 0    | 1,335      |
| Landings       | 1         |            |           |           |        |      | 1          |
| Brookings      |           |            |           |           |        |      |            |
| Pounds         | 0         | 10,243     | 72,449    | 1,316     | 0      | 0    | 84,008     |
| Landings       |           | 11         | 36        | 3         |        |      | 50         |
| Total          |           |            |           |           |        |      |            |
| Pounds         | 8,082,701 | 18,018,089 | 8,649,553 | 2,986,855 | 13,921 | 697  | 37,751,816 |
| Landings       | 714       | 1,402      | 885       | 152       | 3      | 2    | 3,158      |



Table 2. (Continued)

| Port           | 1969 |           |            |           |           |         |        | Total      |
|----------------|------|-----------|------------|-----------|-----------|---------|--------|------------|
|                | June | July      | August     | Sept.     | Oct.      | Nov.    | Dec.   |            |
| Astoria        |      |           |            |           |           |         |        |            |
| Pounds         | --   | 1,501,849 | 13,784,900 | 5,504,369 | 1,164,972 | 151,120 | 50,674 | 22,157,884 |
| Landings       |      | 114       | 766        | 308       | 45        | 9       | 3      | 1,245      |
| Tillamook      |      |           |            |           |           |         |        |            |
| Pounds         | --   | 29,162    | 183,792    | 41,212    | 5,231     | --      | --     | 259,397    |
| Landings       |      | 4         | 81         | 25        | 1         |         |        | 111        |
| Pacific City   |      |           |            |           |           |         |        |            |
| Pounds         | --   | --        | 6,855      | 45        | --        | --      | --     | 6,900      |
| Landings       |      |           | 47         | 1         |           |         |        | 48         |
| Depoe Bay      |      |           |            |           |           |         |        |            |
| Pounds         | --   | 5,647     | 60,705     | 4,764     | --        | --      | --     | 71,116     |
| Landings       |      | 1         | 80         | 15        |           |         |        | 96         |
| Newport        |      |           |            |           |           |         |        |            |
| Pounds         | --   | 733,762   | 2,878,363  | 406,140   | 81,627    | --      | --     | 4,099,892  |
| Landings       |      | 95        | 486        | 117       | 21        |         |        | 719        |
| Winchester Bay |      |           |            |           |           |         |        |            |
| Pounds         | --   | 36,318    | 46,181     | 380       | --        | --      | --     | 82,879     |
| Landings       |      | 5         | 8          | 1         |           |         |        | 14         |
| Coos Bay       |      |           |            |           |           |         |        |            |
| Pounds         | 494  | 602,649   | 1,095,102  | 756,068   | 217,080   | --      | 15,375 | 2,686,768  |
| Landings       | 6    | 110       | 117        | 83        | 63        |         | 2      | 381        |
| Bandon         |      |           |            |           |           |         |        |            |
| Pounds         | --   | --        | --         | --        | 127       | --      | --     | 127        |
| Landings       |      |           |            |           | 1         |         |        | 1          |
| Port Orford    |      |           |            |           |           |         |        |            |
| Pounds         | --   | --        | 12,667     | --        | --        | --      | --     | 12,667     |
| Landings       |      |           | 2          |           |           |         |        | 2          |
| Gold Beach     |      |           |            |           |           |         |        |            |
| Pounds         | --   | --        | --         | 2,056     | --        | --      | --     | 2,056      |
| Landings       |      |           |            | 5         |           |         |        | 5          |
| Brookings      |      |           |            |           |           |         |        |            |
| Pounds         | --   | 3,728     | 196,651    | 191,014   | 56,470    | --      | --     | 447,863    |
| Landings       |      | 4         | 74         | 71        | 8         |         |        | 157        |
| Total          |      |           |            |           |           |         |        |            |
| Pounds         | 494  | 2,913,115 | 18,265,216 | 6,906,048 | 1,525,507 | 151,120 | 66,049 | 29,827,549 |
| Landings       | 6    | 333       | 1,661      | 626       | 139       | 9       | 5      | 2,779      |

Table 2. (Continued)

| Port           | 1970      |           |           |         |         |        | Total      |
|----------------|-----------|-----------|-----------|---------|---------|--------|------------|
|                | July      | August    | Sept.     | Oct.    | Nov.    | Dec.   |            |
| Astoria        |           |           |           |         |         |        |            |
| Pounds         | 6,409,642 | 5,519,143 | 5,608,594 | 899,762 | 296,051 | 15,821 | 18,749,013 |
| Landings       | 304       | 345       | 123       | 53      | 19      | 1      | 845        |
| Pacific City   |           |           |           |         |         |        |            |
| Pounds         | 3,913     | 106,672   | 0         | 0       | 0       | 0      | 110,585    |
| Landings       | 11        | 229       |           |         |         |        | 240        |
| Tillamook      |           |           |           |         |         |        |            |
| Pounds         | 106,477   | 193,666   | 0         | 0       | 0       | 0      | 300,143    |
| Landings       | 33        | 55        |           |         |         |        | 88         |
| Depoe Bay      |           |           |           |         |         |        |            |
| Pounds         | 23,108    | 16,550    | 0         | 0       | 0       | 0      | 39,658     |
| Landings       | 9         | 19        |           |         |         |        | 28         |
| Newport        |           |           |           |         |         |        |            |
| Pounds         | 902,604   | 1,213,412 | 6,808     | 7,788   | 206     | 0      | 2,130,818  |
| Landings       | 77        | 214       | 8         | 4       | 1       | 0      | 304        |
| Florence       |           |           |           |         |         |        |            |
| Pounds         | 7,452     | 0         | 0         | 0       | 0       | 0      | 7,452      |
| Landings       | 1         |           |           |         |         |        | 1          |
| Winchester Bay |           |           |           |         |         |        |            |
| Pounds         | 11,388    | 21,396    | 3,058     | 7,525   | 0       | 0      | 43,367     |
| Landings       | 4         | 4         | 4         | 1       |         |        | 13         |
| Coos Bay       |           |           |           |         |         |        |            |
| Pounds         | 125,189   | 89,689    | 102,111   | 46,500  | 0       | 0      | 363,489    |
| Landings       | 11        | 39        | 7         | 7       |         |        | 64         |
| Brookings      |           |           |           |         |         |        |            |
| Pounds         | 0         | 8,544     | 28,505    | 0       | 0       | 0      | 37,049     |
| Landings       |           | 4         | 2         |         |         |        | 6          |
| Total          |           |           |           |         |         |        |            |
| Pounds         | 7,589,773 | 7,169,072 | 5,749,076 | 961,575 | 296,257 | 15,821 | 21,781,574 |
| Landings       | 450       | 909       | 144       | 65      | 20      | 1      | 1,589      |
| 1971           |           |           |           |         |         |        |            |
| Astoria        |           |           |           |         |         |        |            |
| Jig            |           |           |           |         |         |        |            |
| Pounds         | 1,897,161 | 3,533,397 | 126,980   | 466,511 | 29,255  |        | 6,053,304  |
| Landings       | 246       | 349       | 25        | 42      | 5       |        | 667        |
| Bait           |           |           |           |         |         |        |            |
| Pounds         | 0         | 541,801   | 0         | 26,252  | 0       |        | 568,053    |
| Landings       |           | 11        |           | 3       |         |        | 14         |

Table 2. (Continued)

| Port                  | 1971      |           |         |         |        | Total     |
|-----------------------|-----------|-----------|---------|---------|--------|-----------|
|                       | July      | August    | Sept.   | Oct.    | Nov.   |           |
| <b>Total</b>          |           |           |         |         |        |           |
| Pounds                | 1,897,161 | 4,075,198 | 126,980 | 492,763 | 29,255 | 6,621,357 |
| Landings              | 246       | 360       | 25      | 45      | 5      | 681       |
| <b>Tillamook</b>      |           |           |         |         |        |           |
| Pounds                | 90,764    | 17,997    | 9,456   | 0       | 0      | 118,217   |
| Landings              | 60        | 25        | 2       |         |        | 87        |
| <b>Pacific City</b>   |           |           |         |         |        |           |
| Pounds                | 6,720     | 1,204     | 0       | 0       | 0      | 7,924     |
| Landings              | 39        | 18        |         |         |        | 57        |
| <b>Depoe Bay</b>      |           |           |         |         |        |           |
| Pounds                | 17,448    | 11,925    | 0       | 178     | 0      | 29,551    |
| Landings              | 18        | 12        |         | 1       |        | 31        |
| <b>Newport</b>        |           |           |         |         |        |           |
| Pounds                | 634,734   | 348,893   | 14,635  | 0       | 0      | 998,262   |
| Landings              | 185       | 124       | 15      |         |        | 324       |
| <b>Florence</b>       |           |           |         |         |        |           |
| Pounds                | 10,505    | 1,498     | 0       | 0       | 0      | 12,003    |
| Landings              | 2         | 1         |         |         |        | 3         |
| <b>Winchester Bay</b> |           |           |         |         |        |           |
| Pounds                | 10,817    | 2,714     | 0       | 253     | 0      | 13,766    |
| Landings              | 3         | 2         |         | 1       |        | 6         |
| <b>Coos Bay</b>       |           |           |         |         |        |           |
| Pounds                | 117,631   | 209,876   | 10,014  | 30,808  | 8,548  | 376,877   |
| Landings              | 36        | 60        | 6       | 11      | 7      | 120       |
| <b>Bandon</b>         |           |           |         |         |        |           |
| Pounds                | 71        | 589       | 0       | 0       | 0      | 660       |
| Landings              | 2         | 1         |         |         |        | 3         |
| <b>Port Orford</b>    |           |           |         |         |        |           |
| Pounds                | 0         | 0         | 11      | 0       | 0      | 11        |
| Landings              |           |           | 1       |         |        | 1         |
| <b>Gold Beach</b>     |           |           |         |         |        |           |
| Pounds                | 798       | 155       | 0       | 0       | 0      | 953       |
| Landings              | 1         | 1         |         |         |        | 2         |
| <b>Brookings</b>      |           |           |         |         |        |           |
| Pounds                | 12,496    | 216,873   | 4,229   | 6,406   | 0      | 240,004   |
| Landings              | 2         | 97        | 7       | 4       |        | 110       |
| <b>Total</b>          |           |           |         |         |        |           |
| Pounds                | 2,799,145 | 4,886,922 | 165,325 | 530,390 | 37,803 | 8,419,585 |
| Landings              | 594       | 701       | 56      | 62      | 12     | 1,425     |

Table 2. (Continued)

| Port           | 1972      |            |           |         |        | Total      |
|----------------|-----------|------------|-----------|---------|--------|------------|
|                | July      | August     | Sept.     | Oct.    | Nov.   |            |
| Astoria        |           |            |           |         |        |            |
| Pounds         | 3,548,181 | 9,113,461  | 3,428,696 | 90,598  | 18,528 | 16,199,464 |
| Landings       | 284       | 525        | 114       | 9       | 1      | 933        |
| Tillamook      |           |            |           |         |        |            |
| Pounds         | 79,696    | 109,759    | 150       | 0       | 0      | 189,605    |
| Landings       | 30        | 57         | 1         |         |        | 88         |
| Pacific City   |           |            |           |         |        |            |
| Pounds         | 0         | 3,305      | 0         | 0       | 0      | 3,305      |
| Landings       |           | 21         |           |         |        | 21         |
| Depoe Bay      |           |            |           |         |        |            |
| Pounds         | 14,331    | 71,582     | 19,881    | 0       | 0      | 105,794    |
| Landings       | 7         | 54         | 13        |         |        | 74         |
| Newport        |           |            |           |         |        |            |
| Pounds         | 845,238   | 2,186,064  | 527,696   | 13,766  | 0      | 3,572,764  |
| Landings       | 179       | 459        | 128       | 5       |        | 771        |
| Florence       |           |            |           |         |        |            |
| Pounds         | 15,346    | 36,748     | 21,850    | 0       | 0      | 73,944     |
| Landings       | 3         | 8          | 4         |         |        | 15         |
| Winchester Bay |           |            |           |         |        |            |
| Pounds         | 33,631    | 155,413    | 106,031   | 314     | 0      | 295,389    |
| Landings       | 5         | 29         | 23        | 1       |        | 58         |
| Coos Bay       |           |            |           |         |        |            |
| Pounds         | 261,710   | 1,895,840  | 351,538   | 17,537  | 1,978  | 2,528,603  |
| Landings       | 66        | 408        | 101       | 6       | 2      | 583        |
| Bandon         |           |            |           |         |        |            |
| Pounds         | 0         | 16,402     | 0         | 0       | 0      | 16,402     |
| Landings       |           | 16         |           |         |        | 16         |
| Gold Beach     |           |            |           |         |        |            |
| Pounds         | 0         | 0          | 530       | 0       | 0      | 530        |
| Landings       |           |            | 1         |         |        | 1          |
| Brookings      |           |            |           |         |        |            |
| Pounds         | 17,511    | 44,944     | 7,483     | 266     | 0      | 70,204     |
| Landings       | 9         | 8          | 9         | 1       |        | 27         |
| Total          |           |            |           |         |        |            |
| Pounds         | 4,815,644 | 13,633,518 | 4,463,855 | 122,481 | 20,506 | 23,056,004 |
| Landings       | 583       | 1,585      | 394       | 22      | 3      | 2,587      |

Table 3. Percentage of the Total Oregon Albacore Landings Assigned to One-Degree Block, 1968-72

| Year | Percentage Assigned |
|------|---------------------|
| 1968 | 91.5                |
| 1969 | 95.6                |
| 1970 | 93.1                |
| 1971 | 82.6                |
| 1972 | 95.4                |

Table 4. Calculated Catch of Albacore by One-Degree Block, Month of Catch, Port of Landing, and Method of Fishing, Prorated from Logbook and Interview Data for 1968

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 48-127        |                           |                          |             | 336<br>(124)              | 3,750<br>(1,386)         | 3           |                           |                          |             |                           |                          |             |
| 48-126        |                           |                          |             | 1,994<br>(82)             | 28,364<br>(1,165)        | 24          |                           |                          |             |                           |                          |             |
| 47-128        |                           |                          |             | 766<br>(283)              | 10,571<br>(3,906)        | 3           |                           |                          |             |                           |                          |             |
| 47-127        |                           |                          |             | 62,231<br>(165)           | 754,603<br>(2,000)       | 377         |                           |                          |             |                           |                          |             |
| 47-126        | 820<br>(101)              | 11,545<br>(1,422)        | 8           | 184,011<br>(176)          | 2,365,567<br>(2,259)     | 1,047       | 64,881<br>(141)           | 897,120<br>(1,948)       | 461         |                           |                          |             |
| 47-125        | 1,267<br>(106)            | 16,576<br>(1,385)        | 12          | 5,933<br>(110)            | 72,754<br>(1,351)        | 54          | 1,620<br>(64)             | 22,907<br>(911)          | 25          |                           |                          |             |
| 47-124        |                           |                          |             | 19<br>(7)                 | 301<br>(111)             | 3           | 431<br>(42)               | 6,933<br>(672)           | 10          |                           |                          |             |
| 46-127        |                           |                          |             | 9,544<br>(224)            | 119,095<br>(2,791)       | 43          |                           |                          |             |                           |                          |             |
| 46-126        | 18,326<br>(148)           | 239,097<br>(1,935)       | 124         | 216,137<br>(196)          | 2,812,250<br>(2,553)     | 1,101       | 22,897<br>(107)           | 340,304<br>(1,584)       | 215         | 3,517<br>(111)            | 49,364<br>(1,562)        | 32          |
| 46-125        | 46,366<br>(131)           | 625,791<br>(1,765)       | 355         | 110,060<br>(124)          | 1,491,570<br>(1,684)     | 886         | 33,821<br>(80)            | 495,346<br>(1,167)       | 424         | 3,616<br>(100)            | 50,357<br>(1,394)        | 36          |

Table 4. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 46-124        | 671<br>(62)               | 9,566<br>(884)           | 11          | 8,088<br>(75)             | 110,702<br>(1,026)       | 108         | 6,276<br>(50)             | 89,067<br>(715)          | 124         |                           |                          |             |
| 45-128        |                           |                          |             | 311<br>(115)              | 3,890<br>(1,438)         | 3           |                           |                          |             |                           |                          |             |
| 45-127        | 531<br>(243)              | 6,923<br>(3,167)         | 2           | 17,711<br>(170)           | 224,987<br>(2,163)       | 104         |                           |                          |             |                           |                          |             |
| 45-126        | 38,940<br>(192)           | 517,376<br>(2,595)       | 203         | 124,494<br>(197)          | 1,561,628<br>(2,474)     | 631         | 1,984<br>(96)             | 29,031<br>(1,407)        | 21          |                           |                          |             |
| 45-125        | 27,256<br>(150)           | 359,327<br>(1,976)       | 182         | 25,526<br>(131)           | 339,801<br>(1,747)       | 194         | 19,667<br>(93)            | 282,883<br>(1,337)       | 212         |                           |                          |             |
| 45-124        | 0<br>(0)                  | 0<br>(0)                 | 3           | 1,901<br>(102)            | 26,235<br>(1,413)        | 19          | 2,990<br>(63)             | 44,027<br>(922)          | 48          |                           |                          |             |
| 44-128        |                           |                          |             | 16<br>(6)                 | 207<br>(76)              | 3           |                           |                          |             |                           |                          |             |
| 44-127        | 2,193<br>(169)            | 31,593<br>(2,428)        | 13          | 7,168<br>(241)            | 86,361<br>(2,901)        | 30          |                           |                          |             |                           |                          |             |
| 44-126        | 107,703<br>(264)          | 1,355,754<br>(3,322)     | 408         | 33,602<br>(153)           | 416,338<br>(1,900)       | 219         |                           |                          |             |                           |                          |             |
| 44-125        | 15,180<br>(199)           | 193,245<br>(2,529)       | 76          | 3,012<br>(80)             | 39,727<br>(1,049)        | 38          | 1,045<br>(51)             | 16,980<br>(823)          | 21          |                           |                          |             |
| 44-124        |                           |                          |             | 306<br>(113)              | 4,099<br>(1,515)         | 3           | 57<br>(22)                | 996<br>(386)             | 3           |                           |                          |             |





Table 4. Continued

| Area of Catch                                 | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|   | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
| <u>Landed at Astoria</u><br><u>Jig Boats</u>  |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 30-117  | 81<br>(30)                | 1,137<br>(420)           | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| Subtotal                                      | 398,515                   | 5,175,956                | 1,956       | 840,341                   | 10,803,901               | 5,082       | 160,212                   | 2,292,869                | 1,611       | 7,133                     | 99,721                   | 68          |
| <u>Landed at Astoria</u><br><u>Bait Boats</u> |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 48-126  |                           |                          |             | 75,429<br>(325)           | 1,256,853<br>(5,420)     | 232         | 4,546<br>(441)            | 75,070<br>(7,274)        | 10          |                           |                          |             |
| 47-128  |                           |                          |             | 1,578<br>(194)            | 22,563<br>(2,779)        | 8           |                           |                          |             |                           |                          |             |
| 47-127  |                           |                          |             | 1,598<br>(120)            | 17,698<br>(1,333)        | 13          |                           |                          |             |                           |                          |             |
| 47-126  |                           |                          |             | 62,745<br>(273)           | 974,650<br>(4,236)       | 230         | 10,691<br>(338)           | 176,646<br>(5,589)       | 32          |                           |                          |             |
| 47-125  |                           |                          |             | 3,988<br>(168)            | 61,213<br>(2,580)        | 24          | 56,040<br>(432)           | 884,635<br>(6,824)       | 130         |                           |                          |             |
| 47-124  |                           |                          |             |                           |                          |             | 44,139<br>(444)           | 738,906<br>(7,439)       | 99          |                           |                          |             |
| 46-128  |                           |                          |             |                           |                          |             | 6,095<br>(450)            | 111,483<br>(8,231)       | 14          |                           |                          |             |
| 46-127  |                           |                          |             | 8,130<br>(220)            | 115,991<br>(3,145)       | 37          | 1,345<br>(149)            | 24,609<br>(2,725)        | 9           |                           |                          |             |

Table 4. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Bait Boats</u>         |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 46-126        | 13,056<br>(284)           | 162,177<br>(3,526)       | 46          | 41,731<br>(228)           | 535,773<br>(2,924)       | 183         | 938<br>(97)               | 17,191<br>(1,777)        | 10          |                           |                          |             |
| 46-125        | 16,042<br>(203)           | 218,724<br>(2,765)       | 79          | 20,814<br>(169)           | 285,729<br>(2,321)       | 123         | 50,151<br>(310)           | 913,723<br>(5,644)       | 162         | 4,515<br>(500)            | 63,387<br>(7,020)        | 9           |
| 46-124        | 549<br>(125)              | 7,670<br>(1,754)         | 4           | 3,729<br>(85)             | 63,171<br>(1,432)        | 44          | 33,850<br>(243)           | 605,207<br>(4,344)       | 139         | 0<br>(0)                  | 0<br>(0)                 | 5           |
| 45-127        | 1,675<br>(140)            | 23,268<br>(1,944)        | 12          | 2,514<br>(155)            | 34,133<br>(2,102)        | 16          |                           |                          |             |                           |                          |             |
| 45-126        | 6,041<br>(348)            | 84,311<br>(4,851)        | 17          | 10,662<br>(189)           | 142,344<br>(2,527)       | 56          | 1,396<br>(270)            | 20,964<br>(4,063)        | 5           |                           |                          |             |
| 45-125        | 6,585<br>(247)            | 89,922<br>(3,375)        | 27          | 19,485<br>(218)           | 295,209<br>(3,308)       | 89          | 12,451<br>(316)           | 226,712<br>(5,762)       | 39          |                           |                          |             |
| 45-124        | 398<br>(147)              | 5,252<br>(1,941)         | 3           | 1,343<br>(85)             | 19,666<br>(1,240)        | 16          | 15,587<br>(249)           | 289,751<br>(4,631)       | 63          | 506<br>(112)              | 10,808<br>(2,394)        | 5           |
| 44-127        |                           |                          |             | 284<br>(105)              | 3,784<br>(1,398)         | 3           |                           |                          |             |                           |                          |             |
| 44-126        | 10,128<br>(259)           | 134,081<br>(3,426)       | 39          | 3,545<br>(131)            | 43,523<br>(1,608)        | 27          | 2,670<br>(518)            | 48,811<br>(9,460)        | 5           |                           |                          |             |
| 44-125        | 1,181<br>(155)            | 16,614<br>(2,187)        | 8           | 5,329<br>(293)            | 81,933<br>(4,505)        | 18          | 15,312<br>(396)           | 299,615<br>(7,742)       | 39          | 2,533<br>(561)            | 46,897<br>(10,387)       | 5           |

Table 4. Continued

| Area of Catch | July  |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)                     | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Bait Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-124        |   |                          |             |                           |                          |             | 39,559<br>(475)           | 770,049<br>(9,255)       | 83          | 5,233<br>(232)            | 104,224<br>(4,617)       | 23          |
| 43-127        |   |                          |             | 363<br>(134)              | 4,522<br>(1,671)         | 3           |                           |                          |             |                           |                          |             |
| 43-126        | 18,223<br>(264)                               | 250,182<br>(3,626)       | 69          | 3,848<br>(129)            | 44,695<br>(1,502)        | 30          |                           |                          |             |                           |                          |             |
| 43-125        | 9,616<br>(299)                                | 129,939<br>(4,040)       | 32          | 311<br>(59)               | 4,439<br>(840)           | 5           |                           |                          |             |                           |                          |             |
| 43-124        | 396<br>(81)                                   | 5,478<br>(1,120)         | 5           |                           |                          |             | 4,685<br>(227)            | 90,382<br>(4,379)        | 21          |                           |                          |             |
| 42-127        |   |                          |             | 1,637<br>(121)            | 19,533<br>(1,444)        | 14          |                           |                          |             |                           |                          |             |
| 42-126        |   |                          |             | 1,722<br>(219)            | 23,667<br>(3,009)        | 8           |                           |                          |             |                           |                          |             |
| 41-125        |   |                          |             | 1,138<br>(115)            | 21,086<br>(2,124)        | 10          | 45<br>(10)                | 852<br>(189)             | 5           |                           |                          |             |
| 39-124        | 14<br>(5)                                     | 177<br>(65)              | 3           | 32<br>(12)                | 425<br>(157)             | 3           |                           |                          |             |                           |                          |             |
| 38-124        | 0<br>(0)                                      | 0<br>(0)                 | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| Subtotal      | 83,904  | 1,127,795                | 347         | 271,955                   | 4,072,600                | 1,192       | 299,500                   | 5,294,606                | 865         | 12,787                    | 225,316                  | 47          |
| Total Astoria | 482,419                                       | 6,303,751                | 2,303       | 1,112,296                 | 14,876,501               | 6,274       | 459,712                   | 7,587,475                | 2,476       | 19,920                    | 325,037                  | 115         |

Table 4. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Newport</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 47-126        |                           |                          |             | 801<br>(61)               | 10,024<br>(757)          | 13          | 1,133<br>(86)             | 13,767<br>(1,039)        | 13          |                           |                          |             |
| 46-126        |                           |                          |             | 6,066<br>(250)            | 76,537<br>(3,159)        | 24          |                           |                          |             |                           |                          |             |
| 46-125        | 573<br>(142)              | 10,991<br>(2,722)        | 4           | 6,313<br>(105)            | 106,579<br>(1,769)       | 60          | 643<br>(48)               | 7,961<br>(601)           | 13          |                           |                          |             |
| 46-124        |                           |                          |             | 1,844<br>(39)             | 27,806<br>(581)          | 48          | 46<br>(7)                 | 912<br>(138)             | 7           |                           |                          |             |
| 45-126        | 3,608<br>(113)            | 51,275<br>(1,609)        | 32          | 1,801<br>(112)            | 24,632<br>(1,525)        | 16          |                           |                          |             |                           |                          |             |
| 45-125        | 422<br>(53)               | 5,124<br>(643)           | 8           | 10,254<br>(110)           | 148,450<br>(1,598)       | 93          | 1,166<br>(25)             | 18,950<br>(409)          | 46          |                           |                          |             |
| 45-124        | 629<br>(79)               | 7,638<br>(959)           | 8           | 5,476<br>(61)             | 90,576<br>(1,010)        | 90          | 5,789<br>(35)             | 105,412<br>(637)         | 166         |                           |                          |             |
| 44-127        |                           |                          |             | 10,189<br>(210)           | 123,467<br>(2,548)       | 48          |                           |                          |             |                           |                          |             |
| 44-126        | 21,497<br>(208)           | 291,595<br>(2,816)       | 104         | 5,949<br>(92)             | 77,427<br>(1,198)        | 65          |                           |                          |             |                           |                          |             |
| 44-125        | 9,725<br>(94)             | 130,423<br>(1,260)       | 104         | 5,775<br>(75)             | 84,385<br>(1,100)        | 77          | 5,577<br>(77)             | 93,803<br>(1,287)        | 73          |                           |                          |             |

Table 4. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Newport</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 44-124        |                           |                          |             | 1,418<br>(36)             | 23,364<br>(600)          | 39          | 6,140<br>(28)             | 121,793<br>(557)         | 219         |                           |                          |             |
| 43-127        |                           |                          |             | 2,746<br>(170)            | 32,692<br>(2,024)        | 16          |                           |                          |             |                           |                          |             |
| 43-126        | 47,527<br>(271)           | 596,618<br>(3,405)       | 175         | 1,773<br>(88)             | 24,504<br>(1,214)        | 20          |                           |                          |             |                           |                          |             |
| 43-125        | 24,859<br>(184)           | 313,691<br>(2,317)       | 135         | 1,489<br>(101)            | 21,982<br>(1,495)        | 15          | 1,000<br>(50)             | 14,986<br>(754)          | 20          |                           |                          |             |
| 43-124        |                           |                          |             | 370<br>(35)               | 5,515<br>(517)           | 11          | 0<br>(0)                  | 0<br>(0)                 | 7           |                           |                          |             |
| 42-126        |                           |                          |             | 48<br>(12)                | 663<br>(164)             | 4           |                           |                          |             |                           |                          |             |
| 42-125        |                           |                          |             |                           |                          |             | 649<br>(49)               | 9,771<br>(738)           | 13          |                           |                          |             |
| 42-124        |                           |                          |             |                           |                          |             | 636<br>(96)               | 9,643<br>(1,456)         | 7           |                           |                          |             |
| 41-125        |                           |                          |             | 775<br>(58)               | 11,515<br>(869)          | 13          | 4,339<br>(94)             | 63,804<br>(1,376)        | 46          |                           |                          |             |
| 41-124        |                           |                          |             |                           |                          |             | 5,392<br>(81)             | 76,480<br>(1,155)        | 66          |                           |                          |             |
| Total         | 108,840                   | 1,407,355                | 570         | 63,087                    | 890,118                  | 652         | 32,510                    | 537,282                  | 696         | 0                         | 0                        | 0           |

Table 4. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 45-126        | 386<br>(45)               | 5,015<br>(585)           | 9           |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-126        | 35,890<br>(233)           | 459,083<br>(2,977)       | 154         |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-125        | 9,647<br>(141)            | 135,577<br>(1,978)       | 69          |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-124        | 0<br>(0)                  | 0<br>(0)                 | 9           |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-127        | 15,764<br>(184)           | 202,888<br>(2,368)       | 86          |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-126        | 128,720<br>(238)          | 1,658,910<br>(3,073)     | 540         |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-125        | 16,835<br>(164)           | 149,653<br>(1,456)       | 103         |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-125        | 831<br>(32)               | 10,732<br>(418)          | 26          |                           |                          |             |                           |                          |             |                           |                          |             |
| 40-124        | 51<br>(6)                 | 716<br>(84)              | 9           |                           |                          |             |                           |                          |             |                           |                          |             |
| Total         | 208,124                   | 2,622,574                | 1,005       | 0                         | 0                        | 0           | 0                         | 0                        | 0           | 0                         | 0                        | 0           |
| Grand Total   | 799,383                   | 10,333,680               | 3,878       | 1,175,383                 | 15,766,619               | 6,926       | 492,222                   | 8,124,757                | 3,172       | 19,920                    | 325,037                  | 115         |

Table 5. Calculated Catch of Albacore by One-Degree Block, Month of Catch, Port of Landing, and Method of Fishing, Prorated from Logbook and Interview Data for 1969

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 50-129        |                           |                          |             | 1,001<br>(210)            | 14,895<br>(3,117)        | 5           |                           |                          |             |                           |                          |             |
| 49-128        |                           |                          |             | 55,812<br>(265)           | 813,635<br>(3,861)       | 211         | 906<br>(53)               | 12,434<br>(722)          | 17          |                           |                          |             |
| 49-127        |                           |                          |             | 34,473<br>(241)           | 467,795<br>(3,271)       | 143         | 1,096<br>(318)            | 14,808<br>(4,298)        | 3           |                           |                          |             |
| 49-126        |                           |                          |             | 898<br>(376)              | 12,367<br>(5,176)        | 2           |                           |                          |             |                           |                          |             |
| 48-128        |                           |                          |             | 6,169<br>(347)            | 85,194<br>(4,791)        | 18          |                           |                          |             |                           |                          |             |
| 48-127        |                           |                          |             | 188,585<br>(226)          | 2,527,379<br>(3,027)     | 835         | 7,735<br>(112)            | 102,901<br>(1,493)       | 69          |                           |                          |             |
| 48-126        | 0<br>(0)                  | 0<br>(0)                 | 2           | 36,320<br>(137)           | 512,809<br>(1,935)       | 265         | 7,752<br>(107)            | 114,773<br>(1,586)       | 72          |                           |                          |             |
| 48-125        |                           |                          |             | 1,164<br>(97)             | 16,125<br>(1,350)        | 12          |                           |                          |             |                           |                          |             |
| 47-128        |                           |                          |             | 1,087<br>(152)            | 13,992<br>(1,952)        | 7           |                           |                          |             |                           |                          |             |
| 47-127        | 4,332<br>(165)            | 61,072<br>(2,324)        | 26          | 36,537<br>(155)           | 481,319<br>(2,046)       | 235         | 293<br>(85)               | 3,766<br>(1,093)         | 3           |                           |                          |             |





Table 5. Continued

| Area of Catch | July   |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|--|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)                    | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Jig Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-127        | 48,051<br>(151)                              | 643,864<br>(2,022)       | 318         | 867<br>(182)              | 11,254<br>(2,355)        | 5           |                           |                          |             |                           |                          |             |
| 44-126        | 101,791<br>(143)                             | 1,391,336<br>(1,952)     | 713         | 25,513<br>(123)           | 339,031<br>(1,631)       | 208         |                           |                          |             |                           |                          |             |
| 44-125        | 248<br>(36)                                  | 3,171<br>(461)           | 7           | 3,462<br>(91)             | 52,834<br>(1,382)        | 38          | 1,041<br>(60)             | 16,588<br>(963)          | 17          |                           |                          |             |
| 44-124        | 148<br>(62)                                  | 1,982<br>(830)           | 2           | 801<br>(75)               | 12,001<br>(1,131)        | 11          | 1,000<br>(12)             | 17,388<br>(209)          | 83          |                           |                          |             |
| 43-127        | 15,551<br>(120)                              | 209,938<br>(1,626)       | 129         | 3,940<br>(150)            | 50,961<br>(1,939)        | 26          |                           |                          |             |                           |                          |             |
| 43-126        | 19,815<br>(99)                               | 274,356<br>(1,371)       | 200         | 21,272<br>(207)           | 268,621<br>(2,615)       | 103         |                           |                          |             |                           |                          |             |
| 43-125        | 1,853<br>(46)                                | 25,897<br>(646)          | 40          | 38<br>(16)                | 465<br>(195)             | 2           |                           |                          |             | 1,751<br>(21)             | 30,428<br>(365)          | 83          |
| 43-124        | 73<br>(35)                                   | 1,274<br>(607)           | 2           |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-128        | 65<br>(27)                                   | 853<br>(357)             | 2           |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-127        | 248<br>(23)                                  | 3,276<br>(304)           | 11          |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-126        | 235<br>(18)                                  | 3,144<br>(239)           | 13          |                           |                          |             |                           |                          |             |                           |                          |             |

Table 5. Continued

| Area of Catch                                 | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|   | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
| <u>Landed at Astoria</u><br><u>Jig Boats</u>  |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-125  | 244<br>(51)               | 3,247<br>(679)           | 5           |                           |                          |             | 26,177<br>(78)            | 454,977<br>(1,364)       | 333         | 38,099<br>(91)            | 662,179<br>(1,589)       | 417         |
| 41-128  | 93<br>(39)                | 1,232<br>(515)           | 2           |                           |                          |             |                           |                          |             |                           |                          |             |
| 41-125  | 177<br>(74)               | 2,656<br>(1,112)         | 2           |                           |                          |             |                           |                          |             |                           |                          |             |
| Subtotal                                      | 331,939                   | 4,534,305                | 2,450       | 761,979                   | 10,322,502               | 5,260       | 58,176                    | 926,750                  | 804         | 39,850                    | 692,607                  | 500         |
| <u>Landed at Astoria</u><br><u>Bait Boats</u> |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 49-128  |                           |                          |             | 777<br>(325)              | 11,280<br>(4,721)        | 2           |                           |                          |             |                           |                          |             |
| 49-127  |                           |                          |             | 4,976<br>(426)            | 87,950<br>(7,537)        | 12          |                           |                          |             |                           |                          |             |
| 48-127  |                           |                          |             | 7,129<br>(212)            | 119,710<br>(3,555)       | 34          |                           |                          |             |                           |                          |             |
| 48-126  |                           |                          |             | 10,421<br>(193)           | 163,124<br>(3,017)       | 54          | 324<br>(94)               | 4,894<br>(1,420)         | 3           |                           |                          |             |
| 48-125  |                           |                          |             | 79<br>(33)                | 1,145<br>(479)           | 2           |                           |                          |             |                           |                          |             |

Table 5. Continued

| Area of Catch | July                      |                          |             | August  |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day)                     | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u><br><u>Bait Boats</u> |                          |             |                           |                          |             |                           |                          |             |
| 47-126        | 222<br>(93)               | 3,291<br>(1,377)         | 2           | 5,122<br>(154)                                | 84,072<br>(2,534)        | 33          |                           |                          |             |                           |                          |             |
| 47-125        |                           |                          |             | 51,034<br>(241)                               | 770,380<br>(3,643)       | 211         | 369<br>(107)              | 5,570<br>(1,617)         | 3           |                           |                          |             |
| 47-124        |                           |                          |             | 520<br>(76)                                   | 8,730<br>(1,267)         | 7           |                           |                          |             |                           |                          |             |
| 46-126        | 8,511<br>(237)            | 123,774<br>(3,454)       | 36          | 1,030<br>(144)                                | 16,876<br>(2,354)        | 7           |                           |                          |             |                           |                          |             |
| 46-125        | 1,732<br>(181)            | 26,310<br>(2,753)        | 10          | 3,690<br>(71)                                 | 56,948<br>(1,101)        | 52          |                           |                          |             |                           |                          |             |
| 46-124        | 538<br>(225)              | 8,514<br>(3,563)         | 2           | 13,295<br>(160)                               | 222,744<br>(2,685)       | 83          | 26,206<br>(447)           | 495,347<br>(8,457)       | 59          |                           |                          |             |
| 45-127        | 1,111<br>(233)            | 15,321<br>(3,206)        | 5           |   |                          |             |                           |                          |             |                           |                          |             |
| 45-126        | 14,312<br>(171)           | 206,081<br>(2,464)       | 84          | 1,720<br>(65)                                 | 25,014<br>(952)          | 26          |                           |                          |             |                           |                          |             |
| 45-125        | 134<br>(56)               | 2,022<br>(846)           | 2           | 11,519<br>(211)                               | 183,804<br>(3,365)       | 55          |                           |                          |             |                           |                          |             |
| 45-124        |                           |                          |             | 32,234<br>(216)                               | 530,804<br>(3,550)       | 150         | 43,258<br>(523)           | 925,519<br>(11,192)      | 83          |                           |                          |             |
| 44-127        | 1,465<br>(123)            | 20,423<br>(1,710)        | 12          | 829<br>(116)                                  | 11,561<br>(1,613)        | 7           |                           |                          |             |                           |                          |             |



Table 5. Continued

| Area of Catch | July  |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)                     | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Bait Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 33-121        | 1,023<br>(99)                                 | 12,974<br>(1,255)        | 10          | 52<br>(15)                | 655<br>(190)             | 3           |                           |                          |             |                           |                          |             |
| 33-119        |   |                          |             | 14<br>(6)                 | 332<br>(139)             | 2           |                           |                          |             |                           |                          |             |
| 32-120        |   |                          |             | 0<br>(0)                  | 0<br>(0)                 | 3           |                           |                          |             |                           |                          |             |
| 31-121        |   |                          |             | 55<br>(16)                | 699<br>(203)             | 3           |                           |                          |             |                           |                          |             |
| Subtotal      | 37,540  | 541,053                  | 218         | 160,274                   | 2,563,333                | 830         | 111,691                   | 2,375,543                | 327         | 0                         | 0                        | 0           |
| Total Astoria | 369,479                                       | 5,075,358                | 2,668       | 922,253                   | 12,885,835               | 6,090       | 169,867                   | 3,302,293                | 1,131       | 39,850                    | 692,607                  | 500         |
|               | <u>Landed at Newport</u><br><u>Jig Boats</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 48-127        |   |                          |             | 4,873<br>(296)            | 66,222<br>(4,022)        | 16          |                           |                          |             |                           |                          |             |
| 48-126        |   |                          |             | 272<br>(33)               | 3,691<br>(448)           | 8           |                           |                          |             |                           |                          |             |
| 47-127        |   |                          |             | 288<br>(35)               | 3,883<br>(472)           | 8           |                           |                          |             |                           |                          |             |

Table 5. Continued

| Area of Catch | July                      |                          |             | August                    |  |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day)               | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             |                           | <u>Landed at Newport<br/>Jig Boats</u> |             |                           |                          |             |                           |                          |             |
| 47-126        |                           |                          |             | 1,811<br>(110)            | 24,429<br>(1,484)                      | 16          |                           |                          |             |                           |                          |             |
| 47-125        |                           |                          |             | 502<br>(30)               | 6,824<br>(414)                         | 16          |                           |                          |             |                           |                          |             |
| 46-127        |                           |                          |             | 4,371<br>(266)            | 58,912<br>(3,578)                      | 16          |                           |                          |             |                           |                          |             |
| 46-126        | 58<br>(17)                | 758<br>(222)             | 3           | 5,161<br>(314)            | 68,398<br>(4,155)                      | 16          |                           |                          |             |                           |                          |             |
| 46-125        |                           |                          |             | 3,120<br>(126)            | 39,714<br>(1,608)                      | 25          |                           |                          |             |                           |                          |             |
| 46-124        |                           |                          |             | 1,227<br>(30)             | 20,496<br>(498)                        | 41          |                           |                          |             |                           |                          |             |
| 45-127        | 24<br>(7)                 | 312<br>(92)              | 3           |                           |  |             |                           |                          |             |                           |                          |             |
| 45-126        | 11,140<br>(122)           | 153,299<br>(1,682)       | 91          | 101,709<br>(179)          | 1,340,070<br>(2,359)                   | 568         |                           |                          |             |                           |                          |             |
| 45-125        | 483<br>(32)               | 6,684<br>(444)           | 15          | 11,071<br>(84)            | 154,730<br>(1,175)                     | 132         | 5,340<br>(71)             | 91,878<br>(1,213)        | 76          |                           |                          |             |
| 45-124        |                           |                          |             | 12,002<br>(81)            | 185,776<br>(1,254)                     | 148         | 4,052<br>(36)             | 89,542<br>(788)          | 114         |                           |                          |             |
| 44-127        | 10,824<br>(138)           | 147,448<br>(1,880)       | 78          | 1,646<br>(100)            | 21,818<br>(1,325)                      | 16          |                           |                          |             |                           |                          |             |

Table 5. Continued

| Area of Catch | July                               |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|------------------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)          | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Newport Jig Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-126        | 27,329<br>(123)                    | 369,677<br>(1,657)       | 223         | 31,601<br>(142)           | 425,956<br>(1,917)       | 222         |                           |                          |             |                           |                          |             |
| 44-125        | 965<br>(25)                        | 13,145<br>(343)          | 38          | 8,808<br>(71)             | 128,807<br>(1,043)       | 123         |                           |                          |             |                           |                          |             |
| 44-124        | 160<br>(47)                        | 2,071<br>(607)           | 3           | 6,445<br>(46)             | 102,434<br>(732)         | 140         | 1,439<br>(38)             | 31,800<br>(840)          | 38          |                           |                          |             |
| 43-127        | 6,371<br>(104)                     | 85,334<br>(1,390)        | 61          | 74<br>(9)                 | 982<br>(119)             | 8           |                           |                          |             |                           |                          |             |
| 43-126        | 7,533<br>(127)                     | 100,187<br>(1,687)       | 59          | 5,005<br>(152)            | 64,193<br>(1,950)        | 33          |                           |                          |             |                           |                          |             |
| 43-125        | 921<br>(39)                        | 12,386<br>(519)          | 24          |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-124        | 106<br>(31)                        | 1,366<br>(401)           | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-125        | 153<br>(45)                        | 2,024<br>(593)           | 3           |                           |                          |             | 16,298<br>(116)           | 242,886<br>(1,731)       | 140         |                           |                          |             |
| 40-125        |                                    |                          |             |                           |                          |             | 644<br>(17)               | 7,689<br>(203)           | 38          |                           |                          |             |
| 39-126        |                                    |                          |             |                           |                          |             | 2,007<br>(53)             | 23,972<br>(633)          | 38          |                           |                          |             |

Table 5. Continued

| Area of Catch                       | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|-------------------------------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|                                     | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
| <u>Landed at Newport Jig Boats</u>  |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 36-122                              | 3<br>(1)                  | 50<br>(15)               | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| 35-121                              | 3<br>(1)                  | 50<br>(7)                | 7           |                           |                          |             |                           |                          |             |                           |                          |             |
| Subtotal                            | 66,073                    | 894,791                  | 614         | 199,986                   | 2,717,335                | 1,552       | 29,780                    | 487,767                  | 444         |                           |                          |             |
| <u>Landed at Coos Bay Jig Boats</u> |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 50-129                              |                           |                          |             | 7,366<br>(206)            | 124,067<br>(3,471)       | 36          | 2,203<br>(220)            | 33,203<br>(3,316)        | 10          |                           |                          |             |
| 49-129                              |                           |                          |             | 356<br>(125)              | 5,446<br>(1,910)         | 3           |                           |                          |             |                           |                          |             |
| 49-128                              |                           |                          |             | 0<br>(0)                  | 0<br>(0)                 | 3           | 915<br>(91)               | 11,986<br>(1,197)        | 10          |                           |                          |             |
| 49-127                              |                           |                          |             | 1,638<br>(181)            | 23,358<br>(2,584)        | 9           | 374<br>(112)              | 4,899<br>(1,468)         | 3           |                           |                          |             |
| 49-126                              |                           |                          |             | 952<br>(167)              | 13,657<br>(2,395)        | 6           |                           |                          |             |                           |                          |             |
| 48-127                              |                           |                          |             | 1,425<br>(60)             | 20,644<br>(868)          | 24          |                           |                          |             |                           |                          |             |
| 48-126                              |                           |                          |             | 2,700<br>(129)            | 40,705<br>(1,944)        | 21          | 1,449<br>(145)            | 20,001<br>(1,997)        | 10          |                           |                          |             |



Table 5. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 48-125        |                           |                          |             | 336<br>(118)              | 4,825<br>(1,692)         | 3           |                           |                          |             |                           |                          |             |
| 47-128        |                           |                          |             | 1,540<br>(180)            | 23,525<br>(2,750)        | 9           |                           |                          |             |                           |                          |             |
| 47-127        | 434<br>(92)               | 5,943<br>(1,259)         | 5           | 348<br>(61)               | 5,315<br>(932)           | 6           |                           |                          |             |                           |                          |             |
| 47-126        |                           |                          |             | 1,140<br>(96)             | 18,119<br>(1,524)        | 12          | 935<br>(280)              | 12,249<br>(3,669)        | 3           |                           |                          |             |
| 47-125        |                           |                          |             | 1,261<br>(86)             | 19,290<br>(1,308)        | 15          |                           |                          |             |                           |                          |             |
| 46-127        | 165<br>(105)              | 2,261<br>1,436           | 2           |                           |                          |             |                           |                          |             |                           |                          |             |
| 46-126        | 208<br>(66)               | 2,844<br>(903)           | 3           | 297<br>(104)              | 4,531<br>(1,589)         | 3           |                           |                          |             |                           |                          |             |
| 46-125        | 114<br>(40)               | 1,983<br>(695)           | 3           | 1,249<br>(47)             | 18,938<br>(711)          | 27          |                           |                          |             |                           |                          |             |
| 46-124        |                           |                          |             | 322<br>(113)              | 4,585<br>(1,608)         | 3           |                           |                          |             |                           |                          |             |
| 45-127        | 779<br>(99)               | 10,604<br>(1,347)        | 8           |                           |                          |             |                           |                          |             |                           |                          |             |
| 45-126        | 6,676<br>(161)            | 94,992<br>(2,289)        | 41          | 21,618<br>(172)           | 286,717<br>(2,285)       | 25          |                           |                          |             |                           |                          |             |



Table 5. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 45-125        | 1,680<br>(295)            | 22,892<br>(4,014)        | 6           | 1,854<br>(93)             | 24,768<br>(1,241)        | 20          | 451<br>(135)              | 5,906<br>(1,769)         | 3           |                           |                          |             |
| 45-124        |                           |                          |             | 1,074<br>(73)             | 15,261<br>(1,035)        | 15          | 250<br>(75)               | 4,097<br>(1,227)         | 3           |                           |                          |             |
| 44-127        | 10,679<br>(126)           | 148,343<br>(1,751)       | 85          | 145<br>(51)               | 2,585<br>(907)           | 3           |                           |                          |             |                           |                          |             |
| 44-126        | 18,630<br>(109)           | 247,979<br>(1,452)       | 171         | 3,844<br>(112)            | 54,171<br>(1,583)        | 34          | 975<br>(146)              | 15,952<br>(2,389)        | 7           |                           |                          |             |
| 44-125        | 2,183<br>(59)             | 28,299<br>(761)          | 37          | 2,720<br>(73)             | 41,198<br>(1,111)        | 37          | 2,407<br>(103)            | 39,389<br>(1,686)        | 23          |                           |                          |             |
| 44-124        |                           |                          |             | 1,355<br>(66)             | 22,520<br>(1,101)        | 20          | 7<br>(2)                  | 95<br>(28)               | 3           |                           |                          |             |
| 43-127        | 8,867<br>(113)            | 116,977<br>(1,492)       | 78          | 4,061<br>(285)            | 58,315<br>(4,090)        | 14          |                           |                          |             |                           |                          |             |
| 43-126        | 6,221<br>(53)             | 83,880<br>(708)          | 118         | 6,735<br>(169)            | 96,142<br>(2,408)        | 40          | 237<br>(71)               | 3,879<br>(1,162)         | 3           |                           |                          |             |
| 43-125        | 541<br>(20)               | 7,283<br>(275)           | 26          | 2,093<br>(92)             | 27,566<br>(1,208)        | 23          | 3,131<br>(134)            | 52,634<br>(2,253)        | 23          |                           |                          |             |
| 43-124        |                           |                          |             | 76<br>(12)                | 1,178<br>(190)           | 6           | 280<br>(84)               | 3,675<br>(1,101)         | 3           |                           |                          |             |

Table 5. Continued

| Area of Catch | July                                |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|-------------------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)           | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Coos Bay Jig Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-126        | 194<br>(68)                         | 3,371<br>(1,182)         | 3           | 5,954<br>(190)            | 79,464<br>(2,533)        | 31          | 537<br>(54)               | 8,839<br>(883)           | 10          |                           |                          |             |
| 42-125        |                                     |                          |             | 664<br>(117)              | 8,841<br>(1,550)         | 6           | 5,037<br>(151)            | 81,444<br>(2,440)        | 33          |                           |                          |             |
| 41-126        |                                     |                          |             |                           |                          |             | 13<br>(4)                 | 268<br>(80)              | 3           |                           |                          |             |
| 41-125        |                                     |                          |             | 394<br>(138)              | 5,236<br>(1,836)         | 3           | 544<br>(54)               | 10,289<br>(1,027)        | 10          |                           |                          |             |
| 40-126        |                                     |                          |             |                           |                          |             | 3,802<br>(190)            | 52,135<br>(2,603)        | 20          |                           |                          |             |
| 40-125        |                                     |                          |             |                           |                          |             | 160<br>(24)               | 2,596<br>(389)           | 7           |                           |                          |             |
| 39-126        |                                     |                          |             |                           |                          |             | 1,989<br>(199)            | 29,814<br>(2,977)        | 10          |                           |                          |             |
| 39-125        |                                     |                          |             |                           |                          |             | 16,503<br>(235)           | 228,940<br>(3,266)       | 70          |                           |                          |             |
| Subtotal      | 57,472                              | 778,923                  | 591         | 73,517                    | 1,050,967                | 457         | 42,199                    | 622,290                  | 267         | 0                         | 0                        | 0           |
| Grand Total   | 493,024                             | 6,749,072                | 3,873       | 1,195,756                 | 16,654,137               | 8,099       | 241,846                   | 4,412,350                | 1,842       | 39,850                    | 692,607                  | 500         |

Table 6. Calculated Catch of Albacore by One-Degree Block, Month of Catch, Port of Landing, and Method of Fishing, Prorated from Logbook and Interview Data for 1970

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 48-126        |                           |                          |             | 510<br>(25)               | 6,771<br>(332)           | 20          |                           |                          |             |                           |                          |             |
| 48-125        | 1,304<br>(160)            | 27,834<br>(3,414)        | 8           | 29<br>(7)                 | 609<br>(149)             | 4           | 1,263<br>(134)            | 23,057<br>(2,446)        | 9           |                           |                          |             |
| 47-126        | 6,612<br>(162)            | 94,384<br>(2,314)        | 41          | 3,836<br>(134)            | 57,586<br>(2,018)        | 29          |                           |                          |             |                           |                          |             |
| 47-125        | 1,454<br>(82)             | 22,340<br>(1,263)        | 18          |                           |                          |             | 3,318<br>(70)             | 60,567<br>(1,285)        | 47          |                           |                          |             |
| 46-128        | 6,177<br>(267)            | 87,218<br>(3,744)        | 23          | 477<br>(29)               | 6,969<br>(427)           | 16          |                           |                          |             |                           |                          |             |
| 46-127        | 19,322<br>(268)           | 271,453<br>(3,760)       | 72          | 567<br>(139)              | 8,283<br>(2,032)         | 4           |                           |                          |             |                           |                          |             |
| 46-126        | 274,493<br>(286)          | 3,853,545<br>(4,019)     | 959         | 762<br>(23)               | 11,920<br>(366)          | 33          |                           |                          |             |                           |                          |             |
| 46-125        | 188,881<br>(210)          | 2,753,693<br>(3,064)     | 899         | 13,627<br>(63)            | 218,381<br>(1,011)       | 216         | 1,301<br>(34)             | 20,921<br>(555)          | 38          |                           |                          |             |
| 46-124        | 1,696<br>(62)             | 25,371<br>(932)          | 27          | 208<br>(17)               | 3,384<br>(277)           | 12          |                           |                          |             |                           |                          |             |
| 45-127        | 12,279<br>(129)           | 169,104<br>(1,774)       | 95          |                           |                          |             |                           |                          |             |                           |                          |             |



Table 6. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-126        | 1,506<br>(61)             | 20,490<br>(836)          | 25          |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-125        |                           |                          |             |                           |                          |             | 641<br>(34)               | 8,725<br>(463)           | 19          |                           |                          |             |
| 42-128        | 2,741<br>(112)            | 38,024<br>(1,553)        | 24          |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-127        | 2,998<br>(105)            | 42,496<br>(1,485)        | 29          | 734<br>(90)               | 9,820<br>(1,205)         | 8           |                           |                          |             |                           |                          |             |
| 42-126        | 4,416<br>(162)            | 59,385<br>(2,177)        | 27          |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-125        | 440<br>(46)               | 6,395<br>(617)           | 10          |                           |                          |             |                           |                          |             |                           |                          |             |
| 41-128        | 55<br>(20)                | 710<br>(260)             | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| 41-127        | 7,178<br>(202)            | 90,331<br>(2,548)        | 35          |                           |                          |             |                           |                          |             |                           |                          |             |
| 41-126        | 1,966<br>(120)            | 16,224<br>(991)          | 16          |                           |                          |             |                           |                          |             |                           |                          |             |
| 40-126        | 2,032<br>(248)            | 19,812<br>(2,421)        | 8           | 6,877<br>(221)            | 94,244<br>(3,032)        | 31          | 8,193<br>(93)             | 132,063<br>(1,492)       | 89          |                           |                          |             |

Table 6. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 40-125        |                           |                          |             | 9,935<br>(211)            | 127,568<br>(2,707)       | 47          | 5,950<br>(186)            | 98,948<br>(3,093)        | 32          | 288<br>(18)               | 3,698<br>(231)           | 16          |
| 39-128        | 177<br>(33)               | 2,075<br>(380)           | 5           |                           |                          |             |                           |                          |             |                           |                          |             |
| 39-126        |                           |                          |             | 11,056<br>(186)           | 148,500<br>(2,502)       | 59          | 28,418<br>(152)           | 463,812<br>(2,475)       | 187         | 48<br>(3)                 | 616<br>(39)              | 16          |
| 39-125        |                           |                          |             | 510<br>(125)              | 6,819<br>(1,673)         | 4           |                           |                          |             |                           |                          |             |
| 38-127        | 117<br>(43)               | 1,495<br>(548)           | 3           |                           |                          |             |                           |                          |             |                           |                          |             |
| 38-126        |                           |                          |             | 26,490<br>(333)           | 354,558<br>(4,461)       | 79          |                           |                          |             |                           |                          |             |
| 38-125        | 5<br>(2)                  | 69<br>(25)               | 3           | 10,492<br>(251)           | 139,723<br>(3,344)       | 42          |                           |                          |             |                           |                          |             |
| 37-125        |                           |                          |             | 5,833<br>(358)            | 78,069<br>(4,788)        | 16          |                           |                          |             |                           |                          |             |
| 36-123        |                           |                          |             |                           |                          |             |                           |                          |             | 2,575<br>(54)             | 33,076<br>(689)          | 48          |
| 36-122        |                           |                          |             |                           |                          |             |                           |                          |             | 7,581<br>(79)             | 97,380<br>(1,015)        | 96          |
| Subtotal      | 689,642                   | 9,715,153                | 3,078       | 132,191                   | 1,904,921                | 1,113       | 49,914                    | 820,944                  | 439         | 10,492                    | 134,770                  | 176         |



Table 6. Continued

| Area of Catch | July                      |                          |             | August  |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day)                     | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u><br><u>Bait Boats</u> |                          |             |                           |                          |             |                           |                          |             |
| 47-126        |                           |                          |             | 13<br>(5)                                     | 280<br>(106)             | 3           |                           |                          |             |                           |                          |             |
| 47-125        |                           |                          |             | 3,706<br>(282)                                | 75,807<br>(5,765)        | 13          | 33,501<br>(533)           | 624,433<br>(9,928)       | 63          |                           |                          |             |
| 47-124        |                           |                          |             |   |                          |             | 1,077<br>(137)            | 21,731<br>(2,764)        | 8           |                           |                          |             |
| 46-126        | 278<br>(105)              | 4,658<br>(1,762)         | 3           |   |                          |             |                           |                          |             |                           |                          |             |
| 46-125        |                           |                          |             | 88,627<br>(489)                               | 1,680,359<br>(9,267)     | 181         | 31,818<br>(311)           | 667,530<br>(6,531)       | 102         |                           |                          |             |
| 46-124        |                           |                          |             | 20,014<br>(381)                               | 360,307<br>(6,859)       | 53          | 62,481<br>(530)           | 1,398,298<br>(11,857)    | 118         |                           |                          |             |
| 45-125        | 2,176<br>(274)            | 36,509<br>(4,603)        | 8           | 22,002<br>(439)                               | 408,857<br>(8,150)       | 50          | 5,173<br>(165)            | 105,054<br>(3,340)       | 31          |                           |                          |             |
| 45-124        |                           |                          |             | 9,803<br>(177)                                | 170,067<br>(3,078)       | 55          |                           |                          |             |                           |                          |             |
| 44-124        |                           |                          |             | 1,425<br>(539)                                | 23,910<br>(9,043)        | 3           |                           |                          |             |                           |                          |             |
| Subtotal      | 2,454                     | 41,167                   | 11          | 145,590                                       | 2,719,587                | 358         | 134,050                   | 2,817,046                | 322         |                           |                          |             |

Table 6. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Newport</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 46-126        | 12,241<br>(326)           | 171,456<br>(4,567)       | 38          | 373<br>(18)               | 5,794<br>(279)           | 21          |                           |                          |             |                           |                          |             |
| 46-125        | 4,565<br>(122)            | 65,042<br>(1,733)        | 38          | 5,577<br>(67)             | 83,926<br>(1,012)        | 83          |                           |                          |             |                           |                          |             |
| 46-124        |                           |                          |             | 4,934<br>(60)             | 79,570<br>(960)          | 83          |                           |                          |             |                           |                          |             |
| 45-126        | 15,825<br>(211)           | 233,079<br>(3,104)       | 75          |                           |                          |             |                           |                          |             |                           |                          |             |
| 45-125        | 36,906<br>(221)           | 534,399<br>(3,201)       | 167         | 8,147<br>(131)            | 135,109<br>(2,172)       | 62          |                           |                          |             |                           |                          |             |
| 45-124        |                           |                          |             | 29,085<br>(140)           | 477,090<br>(2,301)       | 207         |                           |                          |             |                           |                          |             |
| 44-126        | 14,926<br>(296)           | 213,320<br>(4,230)       | 50          |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-125        | 62<br>(3)                 | 1,072<br>(52)            | 21          |                           |                          |             |                           |                          |             |                           |                          |             |
| 44-124        |                           |                          |             | 6,613<br>(106)            | 113,818<br>(1,830)       | 62          |                           |                          |             |                           |                          |             |
| Subtotal      | 84,525                    | 1,218,368                | 389         | 54,729                    | 895,307                  | 518         |                           |                          |             |                           |                          |             |

Table 6. Continued

| Area of Catch          | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|------------------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|                        | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
| Jig Totals             | 774,167                   | 10,933,521               | 3,467       | 186,920                   | 2,800,228                | 1,631       | 49,914                    | 820,944                  | 439         | 10,492                    | 134,770                  | 176         |
| Grand Total Bait & Jig | 776,621                   | 10,974,688               | 3,478       | 332,510                   | 5,519,815                | 1,989       | 183,964                   | 3,637,990                | 761         | 10,492                    | 134,770                  | 176         |

Table 7. Calculated Catch of Albacore by One-Degree Block, Month of Catch, Port of Landing, and Method of Fishing, Prorated from Logbook and Interview Data for 1971

| Area of Catch | July            |                    |             | August                   |                    |             |
|---------------|-----------------|--------------------|-------------|--------------------------|--------------------|-------------|
|               | Numbers of Fish | Pounds of Fish     | Days Fished | Numbers of Fish          | Pounds of Fish     | Days Fished |
|               |                 |                    |             | <u>Landed at Astoria</u> |                    |             |
|               |                 |                    |             | <u>Jig Boats</u>         |                    |             |
| 49-127        |                 |                    |             | 65<br>(11)               | 832<br>(140)       | 6           |
| 48-127        | 539<br>(91)     | 7,028<br>(1,186)   | 6           | 3,378<br>(81)            | 44,142<br>(1,064)  | 41          |
| 48-126        | 1,719<br>(97)   | 21,822<br>(1,227)  | 18          | 30,242<br>(94)           | 389,379<br>(1,217) | 320         |
| 48-125        | 260<br>(27)     | 3,294<br>(339)     | 10          | 717<br>(40)              | 8,546<br>(481)     | 18          |
| 47-128        | 533<br>(90)     | 7,195<br>(1,214)   | 6           |                          |                    |             |
| 47-127        |                 |                    |             | 6,839<br>(144)           | 86,011<br>(1,814)  | 47          |
| 47-126        | 17,862<br>(116) | 224,509<br>(1,457) | 154         | 49,017<br>(123)          | 610,247<br>(1,537) | 397         |
| 47-125        | 47,599<br>(106) | 629,528<br>(1,403) | 449         | 16,807<br>(77)           | 211,111<br>(963)   | 219         |
| 46-127        | 397<br>(67)     | 5,356<br>(904)     | 6           |                          |                    |             |
| 46-126        | 3,295<br>(93)   | 42,731<br>(1,202)  | 36          | 2,264<br>(96)            | 27,295<br>(1,151)  | 24          |
| 46-125        | 69,860<br>(99)  | 903,076<br>(1,286) | 702         | 9,198<br>(82)            | 115,518<br>(1,026) | 113         |
| 46-124        | 8,750<br>(55)   | 114,233<br>(724)   | 158         | 3,206<br>(22)            | 40,434<br>(273)    | 148         |
| 45-127        | 1,502<br>(99)   | 19,566<br>(1,290)  | 15          |                          |                    |             |
| 45-126        | 3,368<br>(99)   | 43,501<br>(1,274)  | 34          |                          |                    |             |
| 45-125        | 73,180<br>(119) | 950,976<br>(1,541) | 617         |                          |                    |             |

Table 7. Continued

| Area of Catch | July   |                    |             | August          |                 |             |
|---------------|--|--------------------|-------------|-----------------|-----------------|-------------|
|               | Numbers of Fish                              | Pounds of Fish     | Days Fished | Numbers of Fish | Pounds of Fish  | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Jig Boats</u> |                    |             |                 |                 |             |
| 45-124        | 32,002<br>(131)                              | 438,210<br>(1,790) | 245         | 160<br>(14)     | 2,687<br>(227)  | 12          |
| 44-127        | 201<br>(53)                                  | 2,431<br>(641)     | 4           |                 |                 |             |
| 44-126        | 163<br>(22)                                  | 2,166<br>(286)     | 8           |                 |                 |             |
| 44-125        | 16,151<br>(125)                              | 200,797<br>(1,554) | 129         | 0<br>(0)        | 0<br>(0)        | 6           |
| 44-124        | 224<br>(59)                                  | 2,803<br>(739)     | 4           |                 |                 |             |
| 43-127        |  |                    |             | 373<br>(63)     | 4,093<br>(691)  | 6           |
| 43-125        | 0<br>(0)                                     | 0<br>(0)           | 4           |                 |                 |             |
| 43-124        | 41<br>(7)                                    | 560<br>(94)        | 6           |                 |                 |             |
| 42-125        |  |                    |             | 1,434<br>(61)   | 15,790<br>(666) | 24          |
| 41-126        | 9,387<br>(317)                               | 104,952<br>(3,542) | 30          | 373<br>(63)     | 4,093<br>(691)  | 6           |
| 41-125        | 7,645<br>(184)                               | 87,405<br>(2,107)  | 41          | 397<br>(67)     | 4,506<br>(760)  | 6           |
| 40-125        | 2,702<br>(456)                               | 30,670<br>(5,175)  | 6           |                 |                 |             |
| 39-125        | 1,203<br>(101)                               | 13,190<br>(1,113)  | 12          |                 |                 |             |
| 37-123        | 522<br>(88)                                  | 5,718<br>(965)     | 6           |                 |                 |             |
| 35-121        | 284<br>(48)                                  | 3,119<br>(526)     | 6           |                 |                 |             |
| 33-120        | 77<br>(13)                                   | 845<br>(143)       | 6           |                 |                 |             |

Table 7. Continued

| Area of Catch                                 | July            |                  |             | August          |                    |             |
|---|-----------------|------------------|-------------|-----------------|--------------------|-------------|
|   | Numbers of Fish | Pounds of Fish   | Days Fished | Numbers of Fish | Pounds of Fish     | Days Fished |
| <u>Landed at Astoria</u><br><u>Jig Boats</u>  |                 |                  |             |                 |                    |             |
| 33-118  | 18<br>(3)       | 195<br>(33)      | 6           |                 |                    |             |
| Subtotal                                      | 299,484         | 3,865,876        | 2,724       | 124,470         | 1,564,684          | 1,393       |
| <u>Landed at Astoria</u><br><u>Bait Boats</u> |                 |                  |             |                 |                    |             |
| 48-126  |                 |                  |             | 4,790<br>(309)  | 75,166<br>(4,844)  | 16          |
| 48-125  |                 |                  |             | 3,709<br>(717)  | 58,201<br>(11,252) | 5           |
| 47-126  |                 |                  |             | 248<br>(48)     | 3,896<br>(753)     | 5           |
| 47-125  |                 |                  |             | 13,149<br>(318) | 206,340<br>(4,986) | 41          |
| 46-125  |                 |                  |             | 6,786<br>(187)  | 89,381<br>(2,469)  | 36          |
| 45-125  |                 |                  |             | 3,833<br>(185)  | 45,586<br>(2,203)  | 21          |
| 41-125  | 528<br>(102)    | 8,280<br>(1,601) | 5           | 145<br>(28)     | 2,273<br>(439)     | 5           |
| 40-125  |                 |                  |             | 4,402<br>(95)   | 52,354<br>(1,125)  | 47          |
| 38-125  | 21<br>(4)       | 325<br>(63)      | 5           |                 |                    |             |
| Subtotal                                      | 549             | 8,605            | 10          | 37,062          | 533,197            | 176         |
| Astoria Total                                 | 300,033         | 3,874,481        | 2,734       | 161,532         | 2,097,881          | 1,569       |

Table 7. Continued

| Area of Catch | July                               |                    |             | August          |                 |             |
|---------------|------------------------------------|--------------------|-------------|-----------------|-----------------|-------------|
|               | Numbers of Fish                    | Pounds of Fish     | Days Fished | Numbers of Fish | Pounds of Fish  | Days Fished |
|               | <u>Landed at Newport Jig Boats</u> |                    |             |                 |                 |             |
| 48-126        |                                    |                    |             | 4,573<br>(64)   | 60,308<br>(844) | 71          |
| 47-125        |                                    |                    |             | 2,394<br>(67)   | 31,567<br>(884) | 36          |
| 46-127        | 5,050<br>(139)                     | 63,223<br>(1,746)  | 36          |                 |                 |             |
| 46-126        | 11,884<br>(132)                    | 150,553<br>(1,672) | 90          |                 |                 |             |
| 46-125        | 7,074<br>(99)                      | 92,278<br>(1,291)  | 71          | 1,250<br>(35)   | 16,490<br>(462) | 36          |
| 45-125        | 19,914<br>(79)                     | 253,967<br>(1,006) | 252         |                 |                 |             |
| 45-124        | 14,782<br>(68)                     | 184,176<br>(850)   | 217         | 286<br>(8)      | 3,769<br>(106)  | 36          |
| 44-125        | 6,372<br>(117)                     | 84,880<br>(1,563)  | 54          |                 |                 |             |
| 44-124        | 3,215<br>(90)                      | 41,944<br>(1,174)  | 36          | 36<br>(1)       | 471<br>(13)     | 36          |
| Subtotal      | 68,291                             | 871,021            | 756         | 8,539           | 112,605         | 215         |
| Grand Total   | 368,325                            | 4,745,502          | 3,490       | 170,071         | 2,210,486       | 1,784       |

Table 8. Calculated Catch of Albacore by One-Degree Block, Month of Catch, Port of Landing, and Method of Fishing, Prorated from Logbook and Interview Data for 1972

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 53-133        |                           |                          |             | 825<br>(139)              | 12,115<br>(2,040)        | 6           | 882<br>(99)               | 12,943<br>(1,453)        | 9           |                           |                          |             |
| 52-132        |                           |                          |             | 10,602<br>(174)           | 192,301<br>(3,147)       | 61          | 1,930<br>(130)            | 37,788<br>(2,546)        | 15          |                           |                          |             |
| 52-131        |                           |                          |             | 9,714<br>(172)            | 188,155<br>(3,336)       | 56          | 2,123<br>(102)            | 38,716<br>(1,863)        | 21          |                           |                          |             |
| 51-134        |                           |                          |             | 125<br>(42)               | 2,243<br>(756)           | 3           |                           |                          |             |                           |                          |             |
| 51-133        |                           |                          |             |                           |                          |             | 4,165<br>(175)            | 73,617<br>(3,100)        | 24          |                           |                          |             |
| 51-132        |                           |                          |             | 15,025<br>(180)           | 292,642<br>(3,505)       | 83          | 36,233<br>(163)           | 654,627<br>(2,940)       | 223         |                           |                          |             |
| 51-131        |                           |                          |             | 34,804<br>(163)           | 672,423<br>(3,148)       | 214         | 6,817<br>(153)            | 117,101<br>(2,632)       | 44          |                           |                          |             |
| 51-130        |                           |                          |             | 17,120<br>(148)           | 306,303<br>(2,639)       | 116         | 3,577<br>(121)            | 63,291<br>(2,135)        | 30          |                           |                          |             |
| 51-129        |                           |                          |             | 3,779<br>(160)            | 68,887<br>(2,913)        | 24          | 549<br>(185)              | 8,139<br>(2,741)         | 3           |                           |                          |             |



Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 51-128        |                           |                          |             | 1,374<br>(194)            | 25,498<br>(3,599)        | 7           |                           |                          |             |                           |                          |             |
| 50-133        |                           |                          |             |                           |                          |             | 2,179<br>(184)            | 35,428<br>(2,983)        | 12          |                           |                          |             |
| 50-132        |                           |                          |             | 1,937<br>(137)            | 34,523<br>(2,437)        | 14          | 6,778<br>(152)            | 108,732<br>(2,442)       | 45          |                           |                          |             |
| 50-131        |                           |                          |             |                           |                          |             | 12,382<br>(144)           | 192,077<br>(2,231)       | 86          |                           |                          |             |
| 50-130        | 514<br>(72)               | 8,401<br>(1,186)         | 7           | 19,894<br>(164)           | 339,939<br>(2,802)       | 121         | 12,712<br>(91)            | 210,199<br>(1,507)       | 139         | 183<br>(62)               | 3,293<br>(1,115)         | 3           |
| 50-129        | 489<br>(69)               | 7,978<br>(1,126)         | 7           | 19,375<br>(139)           | 339,125<br>(2,441)       | 139         | 5,569<br>(85)             | 92,182<br>(1,413)        | 65          |                           |                          |             |
| 50-128        |                           |                          |             | 7,190<br>(118)            | 121,179<br>(1,990)       | 61          |                           |                          |             |                           |                          |             |
| 50-127        | 1,438<br>(102)            | 23,591<br>(1,665)        | 14          |                           |                          |             |                           |                          |             |                           |                          |             |
| 49-132        |                           |                          |             |                           |                          |             | 273<br>(92)               | 4,268<br>(1,438)         | 3           |                           |                          |             |
| 49-131        |                           |                          |             |                           |                          |             | 252<br>(85)               | 3,944<br>(1,328)         | 3           |                           |                          |             |
| 49-130        | 251<br>(36)               | 4,046<br>(571)           | 7           |                           |                          |             | 2,526<br>(85)             | 46,509<br>(1,567)        | 30          |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 49-129        | 1,374<br>(97)             | 21,832<br>(1,541)        | 14          | 6,543<br>(98)             | 111,699<br>(1,671)       | 67          | 6,258<br>(96)             | 98,926<br>(1,515)        | 65          |                           |                          |             |
| 49-128        | 5,603<br>(113)            | 90,367<br>(1,822)        | 50          | 16,045<br>(114)           | 265,017<br>(1,886)       | 141         | 3,750<br>(90)             | 66,854<br>(1,608)        | 42          |                           |                          |             |
| 49-127        |                           |                          |             | 613<br>(47)               | 11,070<br>(850)          | 13          |                           |                          |             |                           |                          |             |
| 48-131        | 673<br>(190)              | 11,599<br>(3,275)        | 4           |                           |                          |             |                           |                          |             |                           |                          |             |
| 48-130        | 216<br>(61)               | 3,724<br>(1,051)         | 4           | 613<br>(87)               | 9,541<br>(1,347)         | 7           |                           |                          |             |                           |                          |             |
| 48-129        | 924<br>(87)               | 15,366<br>(1,446)        | 11          | 4,979<br>(159)            | 81,664<br>(2,609)        | 31          | 478<br>(40)               | 8,079<br>(680)           | 12          |                           |                          |             |
| 48-128        | 4,075<br>(83)             | 64,246<br>(1,310)        | 49          | 23,539<br>(146)           | 389,665<br>(2,417)       | 161         | 1,291<br>(48)             | 20,094<br>(752)          | 27          |                           |                          |             |
| 48-127        | 1,753<br>(91)             | 26,991<br>(1,406)        | 19          | 13,757<br>(101)           | 221,875<br>(1,632)       | 136         | 1,526<br>(37)             | 27,403<br>(659)          | 42          |                           |                          |             |
| 48-126        |                           |                          |             | 3,493<br>(118)            | 65,711<br>(2,221)        | 30          |                           |                          |             |                           |                          |             |
| 48-125        |                           |                          |             | 178<br>(60)               | 3,205<br>(1,079)         | 3           |                           |                          |             |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 47-129        |                           |                          |             | 726<br>(68)               | 11,420<br>(1,075)        | 11          |                           |                          |             |                           |                          |             |
| 47-128        |                           |                          |             | 106<br>(30)               | 1,818<br>(513)           | 4           | 101<br>(17)               | 1,678<br>(283)           | 6           |                           |                          |             |
| 47-127        | 4,643<br>(133)            | 73,736<br>(2,115)        | 35          | 13,705<br>(134)           | 219,298<br>(2,147)       | 102         | 92<br>(16)                | 1,531<br>(258)           | 6           |                           |                          |             |
| 47-126        | 30,366<br>(144)           | 489,096<br>(2,314)       | 211         | 18,780<br>(81)            | 306,346<br>(1,316)       | 233         | 1,603<br>(39)             | 26,947<br>(648)          | 42          |                           |                          |             |
| 47-125        | 1,386<br>(51)             | 24,953<br>(923)          | 27          | 3,265<br>(55)             | 57,237<br>(969)          | 59          | 6<br>(2)                  | 110<br>(37)              | 3           |                           |                          |             |
| 46-129        |                           |                          |             | 1,204<br>(170)            | 18,751<br>(2,647)        | 7           |                           |                          |             |                           |                          |             |
| 46-128        | 312<br>(88)               | 5,031<br>(1,420)         | 4           | 3,910<br>(184)            | 57,021<br>(2,683)        | 21          |                           |                          |             |                           |                          |             |
| 46-127        | 3,362<br>(205)            | 52,495<br>(3,200)        | 16          | 5,058<br>(119)            | 77,847<br>(1,831)        | 43          |                           |                          |             |                           |                          |             |
| 46-126        | 27,490<br>(139)           | 445,699<br>(2,253)       | 198         | 46,822<br>(120)           | 755,201<br>(1,938)       | 390         | 113<br>(10)               | 2,144<br>(181)           | 12          |                           |                          |             |
| 46-125        | 72,251<br>(109)           | 1,200,747<br>(1,805)     | 665         | 44,776<br>(78)            | 770,348<br>(1,348)       | 572         | 148<br>(50)               | 2,179<br>(734)           | 3           |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u>  |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 46-124        | 2,393<br>(26)             | 39,621<br>(437)          | 91          | 4,612<br>(48)             | 76,610<br>(791)          | 97          |                           |                          |             |                           |                          |             |
| 45-128        |                           |                          |             | 336<br>(95)               | 4,875<br>(1,376)         | 4           |                           |                          |             |                           |                          |             |
| 45-127        | 19,667<br>(190)           | 282,363<br>(2,734)       | 103         |                           |                          |             |                           |                          |             |                           |                          |             |
| 45-126        | 37,850<br>(183)           | 592,809<br>(2,870)       | 207         | 31,198<br>(155)           | 481,122<br>(2,383)       | 202         |                           |                          |             |                           |                          |             |
| 45-125        | 87,196<br>(168)           | 1,391,725<br>(2,676)     | 520         | 18,548<br>(95)            | 312,480<br>(1,598)       | 195         | 160<br>(18)               | 2,743<br>(308)           | 9           |                           |                          |             |
| 45-124        | 9,336<br>(106)            | 153,506<br>(1,748)       | 88          | 273<br>(15)               | 4,607<br>(260)           | 18          | 71<br>(6)                 | 1,275<br>(107)           | 12          |                           |                          |             |
| 44-127        | 1,916<br>(149)            | 30,447<br>(2,367)        | 13          | 4,339<br>(245)            | 60,459<br>(3,414)        | 18          |                           |                          |             |                           |                          |             |
| 44-126        | 10,767<br>(156)           | 172,022<br>(2,494)       | 69          | 45,016<br>(187)           | 665,474<br>(2,763)       | 241         |                           |                          |             |                           |                          |             |
| 44-125        | 4,138<br>(78)             | 66,523<br>(1,248)        | 53          | 9,683<br>(110)            | 155,110<br>(1,763)       | 88          | 6,561<br>(69)             | 111,750<br>(1,176)       | 95          |                           |                          |             |
| 44-124        | 604<br>(50)               | 9,670<br>(798)           | 12          | 925<br>(30)               | 17,682<br>(573)          | 31          | 715<br>(30)               | 13,369<br>(563)          | 24          |                           |                          |             |

Table 8. Continued

| Area of Catch | July   |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|--|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)                    | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Jig Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-127        | 1,760<br>(145)                               | 25,259<br>(2,085)        | 12          |                           |                          |             |                           |                          |             |                           |                          |             |
| 43-126        | 5,746<br>(82)                                | 82,324<br>(1,178)        | 70          | 15,277<br>(128)           | 225,915<br>(1,894)       | 119         |                           |                          |             |                           |                          |             |
| 43-125        | 453<br>(13)                                  | 7,254<br>(213)           | 34          | 1,237<br>(63)             | 21,954<br>(1,124)        | 20          |                           |                          |             |                           |                          |             |
| 43-124        |  |                          |             | 53<br>(15)                | 931<br>(263)             | 4           |                           |                          |             |                           |                          |             |
| 42-127        | 1,332<br>(64)                                | 18,718<br>(905)          | 21          |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-126        | 5,158<br>(142)                               | 75,832<br>(2,086)        | 36          | 510<br>(144)              | 7,349<br>(2,075)         | 4           |                           |                          |             |                           |                          |             |
| 42-125        | 329<br>(47)                                  | 5,497<br>(776)           | 7           |                           |                          |             |                           |                          |             |                           |                          |             |
| 42-124        | 40<br>(5)                                    | 578<br>(74)              | 8           |                           |                          |             |                           |                          |             |                           |                          |             |
| 41-126        |  |                          |             | 135<br>(38)               | 2,377<br>(671)           | 4           |                           |                          |             |                           |                          |             |
| 41-125        | 982<br>(60)                                  | 15,442<br>(941)          | 16          |                           |                          | 4           |                           |                          |             |                           |                          |             |



Table 8. Continued

| Area of Catch | July   |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|--|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day)                    | Pounds of Fish (Nos/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Astoria</u><br><u>Jig Boats</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 37-124        | 138<br>(18)                                  | 2,018<br>(258)           | 8           |                           |                          |             |                           |                          |             |                           |                          |             |
| 37-123        | 382<br>(49)                                  | 6,151<br>(786)           | 8           |                           |                          |             |                           |                          |             |                           |                          |             |
| 37-122        | 4<br>(1)                                     | 58<br>(16)               | 4           |                           |                          |             |                           |                          |             |                           |                          |             |
| 36-125        | 4<br>(1)                                     | 62<br>(14)               | 4           |                           |                          |             |                           |                          |             |                           |                          |             |
| 36-123        | 685<br>(44)                                  | 10,877<br>(695)          | 16          | 96<br>(27)                | 1,677<br>(473)           | 4           |                           |                          |             |                           |                          |             |
| 36-122        | 989<br>(42)                                  | 16,898<br>(719)          | 23          |                           |                          |             |                           |                          |             |                           |                          |             |
| 35-123        | 184<br>(52)                                  | 2,992<br>(845)           | 4           |                           |                          |             |                           |                          |             |                           |                          |             |
| 35-122        | 628<br>(55)                                  | 9,411<br>(828)           | 11          | 184<br>(26)               | 2,886<br>(407)           | 7           |                           |                          |             |                           |                          |             |
| 35-121        | 2,453<br>(104)                               | 39,329<br>(1,674)        | 23          | 53<br>(8)                 | 713<br>(101)             | 7           |                           |                          |             |                           |                          |             |
| 35-120        | 227<br>(32)                                  | 3,266<br>(461)           | 7           |                           |                          |             |                           |                          |             |                           |                          |             |
| 34-128        | 106<br>(30)                                  | 1,831<br>(517)           | 4           |                           |                          |             |                           |                          |             |                           |                          |             |





Table 8. Continued

| Area of Catch                                | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|--|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|  | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
| <u>Landed at Astoria</u><br><u>Jig Boats</u> |                           |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 32-122                                       | 1,196<br>(140)            | 17,376<br>(2,026)        | 9           |                           |                          |             |                           |                          |             |                           |                          |             |
| 32-120                                       | 1,681<br>(98)             | 24,466<br>(1,427)        | 17          |                           |                          |             |                           |                          |             |                           |                          |             |
| 32-119                                       | 733<br>(52)               | 11,233<br>(793)          | 14          |                           |                          |             |                           |                          |             |                           |                          |             |
| 32-117                                       | 14<br>(4)                 | 244<br>(69)              | 4           |                           |                          |             |                           |                          |             |                           |                          |             |
| 31-117                                       | 459<br>(36)               | 7,651<br>(595)           | 13          |                           |                          |             |                           |                          |             |                           |                          |             |
| Total  | 376,987                   | 6,012,228                | 3,143       | 482,776                   | 8,080,699                | 4,022       | 121,820                   | 2,084,643                | 1,152       | 183                       | 3,293                    | 3           |

|  |  |  |  |                 |                    |    |             |                  |   |  |  |  |
|--|--|--|--|-----------------|--------------------|----|-------------|------------------|---|--|--|--|
| <u>Landed at Newport</u><br><u>Jig Boats</u> |  |  |  |                 |                    |    |             |                  |   |  |  |  |
| 51-131                                       |  |  |  | 2,896<br>(259)  | 40,907<br>(3,659)  | 11 |             |                  |   |  |  |  |
| 51-130                                       |  |  |  | 13,807<br>(190) | 196,523<br>(2,704) | 73 | 553<br>(99) | 7,929<br>(1,418) | 6 |  |  |  |
| 50-131                                       |  |  |  | 169<br>(42)     | 2,305<br>(571)     | 4  |             |                  |   |  |  |  |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                          |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|------------------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day)          | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             |                           |                          |             |                                    |                          |             |                           |                          |             |
|               |                           |                          |             |                           |                          |             | <u>Landed at Newport Jig Boats</u> |                          |             |                           |                          |             |
| 50-130        |                           |                          |             |                           |                          |             | 587<br>(105)                       | 8,292<br>(1,483)         | 6           |                           |                          |             |
| 50-129        |                           |                          |             | 402<br>(72)               | 5,686<br>(1,017)         | 6           |                                    |                          |             |                           |                          |             |
| 49-131        |                           |                          |             | 1,303<br>(108)            | 17,725<br>(1,464)        | 12          |                                    |                          |             |                           |                          |             |
| 49-129        |                           |                          |             | 1,431<br>(94)             | 20,153<br>(1,325)        | 15          |                                    |                          |             |                           |                          |             |
| 49-128        |                           |                          |             | 1,680<br>(110)            | 23,535<br>(1,547)        | 15          |                                    |                          |             |                           |                          |             |
| 48-128        | 504<br>(63)               | 7,495<br>(929)           | 8           | 1,125<br>(74)             | 15,783<br>(1,037)        | 15          | 22<br>(4)                          | 316<br>(57)              | 6           |                           |                          |             |
| 48-127        |                           |                          |             | 704<br>(126)              | 10,092<br>(1,805)        | 6           |                                    |                          |             |                           |                          |             |
| 48-126        |                           |                          |             | 95<br>(17)                | 1,362<br>(244)           | 6           |                                    |                          |             |                           |                          |             |
| 47-128        |                           |                          |             |                           |                          | 4           |                                    |                          |             |                           |                          |             |
| 47-127        | 876<br>(109)              | 13,011<br>(1,612)        | 8           | 323<br>(80)               | 4,390<br>(1,088)         | 4           |                                    |                          |             |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Newport</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 47-126        | 504<br>(63)               | 9,509<br>(1,178)         | 8           | 1,383<br>(72)             | 20,489<br>(1,064)        | 19          |                           |                          |             |                           |                          |             |
| 47-125        |                           |                          |             | 912<br>(57)               | 13,542<br>(839)          | 16          |                           |                          |             |                           |                          |             |
| 46-126        | 4,799<br>(104)            | 76,623<br>(1,655)        | 46          | 4,285<br>(97)             | 67,159<br>(1,513)        | 44          | 28<br>(3)                 | 398<br>(36)              | 11          |                           |                          |             |
| 46-125        | 4,795<br>(130)            | 74,922<br>(2,025)        | 37          | 1,170<br>(58)             | 18,219<br>(903)          | 20          | 268<br>(24)               | 4,136<br>(370)           | 11          |                           |                          |             |
| 46-124        | 33<br>(11)                | 591<br>(198)             | 3           | 24<br>(6)                 | 483<br>(120)             | 4           |                           |                          |             |                           |                          |             |
| 45-127        | 3,454<br>(166)            | 45,311<br>(2,172)        | 21          | 2,026<br>(167)            | 28,132<br>(2,324)        | 12          |                           |                          |             |                           |                          |             |
| 45-126        | 13,631<br>(145)           | 210,519<br>(2,244)       | 94          | 12,948<br>(134)           | 194,546<br>(2,009)       | 97          |                           |                          |             |                           |                          |             |
| 45-125        | 20,937<br>(136)           | 325,349<br>(2,106)       | 154         | 14,695<br>(83)            | 259,714<br>(1,463)       | 178         | 168<br>(30)               | 2,985<br>(534)           | 6           |                           |                          |             |
| 45-124        | 402<br>(19)               | 6,928<br>(332)           | 21          | 3,567<br>(55)             | 71,473<br>(1,107)        | 65          |                           |                          |             |                           |                          |             |
| 44-127        | 1,192<br>(400)            | 15,583<br>(5,229)        | 3           | 702<br>(87)               | 9,016<br>(1,117)         | 8           |                           |                          |             |                           |                          |             |



Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Newport</u>  |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 41-125        |                           |                          |             | 93<br>(12)                | 1,715<br>(213)           | 8           |                           |                          |             |                           |                          |             |
| 35-121        |                           |                          |             | 121<br>(30)               | 2,570<br>(637)           | 4           |                           |                          |             |                           |                          |             |
| 34-121        |                           |                          |             | 258<br>(64)               | 5,483<br>(1,359)         | 4           |                           |                          |             |                           |                          |             |
| 34-120        |                           |                          |             | 246<br>(61)               | 5,226<br>(1,295)         | 4           |                           |                          |             |                           |                          |             |
| 33-120        |                           |                          |             |                           |                          | 4           |                           |                          |             |                           |                          |             |
| 31-118        |                           |                          |             |                           |                          | 4           |                           |                          |             |                           |                          |             |
| 30-116        |                           |                          |             | 650<br>(54)               | 13,792<br>(1,139)        | 12          |                           |                          |             |                           |                          |             |
| 29-117        |                           |                          |             |                           |                          | 4           |                           |                          |             |                           |                          |             |
| Total         | 76,128                    | 1,149,059                | 649         | 143,523                   | 2,199,176                | 1,439       | 14,063                    | 210,768                  | 254         |                           |                          |             |

|        |  |  |  |                           |                   |    |  |  |  |  |  |  |
|--------|--|--|--|---------------------------|-------------------|----|--|--|--|--|--|--|
|        |  |  |  | <u>Landed at Coos Bay</u> |                   |    |  |  |  |  |  |  |
|        |  |  |  | <u>Jig Boats</u>          |                   |    |  |  |  |  |  |  |
| 48-128 |  |  |  | 1,187<br>(100)            | 18,289<br>(1,541) | 12 |  |  |  |  |  |  |
| 48-127 |  |  |  | 8<br>(2)                  | 122<br>(31)       | 4  |  |  |  |  |  |  |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
|               | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |                           |                          |             |
| 47-127        |                           |                          |             | 127<br>(32)               | 1,951<br>(493)           | 4           |                           |                          |             |                           |                          |             |
| 47-126        |                           |                          |             | 182<br>(46)               | 2,292<br>(579)           | 4           |                           |                          |             |                           |                          |             |
| 46-127        |                           |                          |             | 36<br>(9)                 | 642<br>(162)             | 4           |                           |                          |             |                           |                          |             |
| 46-126        |                           |                          |             | 1,440<br>(46)             | 22,155<br>(700)          | 32          |                           |                          |             |                           |                          |             |
| 46-125        |                           |                          |             | 890<br>(225)              | 15,220<br>(3,846)        | 4           |                           |                          |             |                           |                          |             |
| 46-124        |                           |                          |             | 79<br>(10)                | 1,338<br>(169)           | 8           |                           |                          |             |                           |                          |             |
| 45-127        |                           |                          |             | 2,913<br>(74)             | 38,364<br>(969)          | 40          |                           |                          |             |                           |                          |             |
| 45-126        |                           |                          |             | 2,240<br>(57)             | 33,410<br>(844)          | 40          |                           |                          |             |                           |                          |             |
| 45-125        |                           |                          |             | 1,508<br>(54)             | 21,886<br>(790)          | 28          |                           |                          |             |                           |                          |             |
| 44-127        |                           |                          |             | 6,201<br>(196)            | 80,458<br>(2,541)        | 32          |                           |                          |             |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 44-126        |                           |                          |             | 48,521<br>(155)           | 685,678<br>(2,193)       | 313         | 6,420<br>(66)             | 115,376<br>(1,179)       | 98          |                           |                          |             |
| 44-125        |                           |                          |             | 8,101<br>(76)             | 124,741<br>(1,167)       | 107         | 11,947<br>(38)            | 229,596<br>(722)         | 318         |                           |                          |             |
| 44-124        |                           |                          |             | 16<br>(2)                 | 315<br>(40)              | 8           |                           |                          |             |                           |                          |             |
| 43-127        |                           |                          |             | 3,004<br>(190)            | 38,953<br>(2,461)        | 16          |                           |                          |             |                           |                          |             |
| 43-126        |                           |                          |             | 27,052<br>(145)           | 391,000<br>(2,102)       | 186         |                           |                          |             |                           |                          |             |
| 43-125        |                           |                          |             | 21,385<br>(72)            | 335,677<br>(1,131)       | 297         |                           |                          |             |                           |                          |             |
| 43-124        |                           |                          |             | 2,192<br>(46)             | 31,567<br>(665)          | 47          | 306<br>(25)               | 6,566<br>(537)           | 12          |                           |                          |             |
| 42-126        |                           |                          |             | 487<br>(123)              | 6,619<br>(1,673)         | 4           |                           |                          |             |                           |                          |             |
| 41-125        |                           |                          |             | 265<br>(67)               | 3,606<br>(911)           | 4           |                           |                          |             |                           |                          |             |
| 36-124        |                           |                          |             | 233<br>(59)               | 3,407<br>(861)           | 4           |                           |                          |             |                           |                          |             |

Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 36-123        |                           |                          |             | 24<br>(6)                 | 367<br>(93)              | 4           |                           |                          |             |                           |                          |             |
| 36-122        |                           |                          |             | 40<br>(10)                | 591<br>(149)             | 4           |                           |                          |             |                           |                          |             |
| 35-122        |                           |                          |             | 404<br>(34)               | 6,020<br>(507)           | 12          |                           |                          |             |                           |                          |             |
| 35-121        |                           |                          |             | 83<br>(11)                | 1,240<br>(157)           | 8           |                           |                          |             |                           |                          |             |
| 34-127        |                           |                          |             | 309<br>(78)               | 4,504<br>(1,138)         | 4           |                           |                          |             |                           |                          |             |
| 34-126        |                           |                          |             | 305<br>(39)               | 4,711<br>(595)           | 8           |                           |                          |             |                           |                          |             |
| 34-124        |                           |                          |             | 455<br>(29)               | 7,036<br>(445)           | 16          |                           |                          |             |                           |                          |             |
| 34-123        |                           |                          |             | 174<br>(44)               | 2,692<br>(680)           | 4           |                           |                          |             |                           |                          |             |
| 34-122        |                           |                          |             | 451<br>(57)               | 6,727<br>(850)           | 8           |                           |                          |             |                           |                          |             |
| 33-126        |                           |                          |             | 95<br>(24)                | 1,386<br>(350)           | 4           |                           |                          |             |                           |                          |             |



Table 8. Continued

| Area of Catch | July                      |                          |             | August                    |                          |             | September                 |                          |             | October                   |                          |             |
|---------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|
|               | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished | Numbers of Fish (Nos/Day) | Pounds of Fish (Lbs/Day) | Days Fished |
|               |                           |                          |             | <u>Landed at Coos Bay</u> |                          |             |                           |                          |             |                           |                          |             |
|               |                           |                          |             | <u>Jig Boats</u>          |                          |             |                           |                          |             |                           |                          |             |
| 33-124        |                           |                          |             | 142<br>(36)               | 2,079<br>(525)           | 4           |                           |                          |             |                           |                          |             |
| 32-117        |                           |                          |             | 59<br>(15)                | 797<br>(201)             | 4           |                           |                          |             |                           |                          |             |
| Total         |                           |                          |             | 130,608                   | 1,895,840                | 1,278       | 18,673                    | 351,538                  | 428         |                           |                          |             |
| Grand Total   | 7,161,287                 |                          |             |                           | 12,175,715               |             |                           | 2,646,949                |             |                           |                          | 3,293       |

Table 9. Albacore Length Frequency Distribution,  
Astoria, July 1968

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 44-126 | 45-126 | 46-125 |       |
| 55             |        |        |        |       |
| 6              | 1      |        |        | 1     |
| 7              |        | 1      |        | 1     |
| 8              |        | 1      | 2      | 3     |
| 9              | 3      |        | 1      | 4     |
| 60             | 1      | 3      | 5      | 9     |
| 1              | 2      | 4      | 7      | 13    |
| 2              | 6      | 4      | 9      | 19    |
| 3              | 9      | 9      | 4      | 22    |
| 4              | 9      | 12     | 18     | 39    |
| 65             | 9      | 9      | 20     | 38    |
| 6              | 9      | 13     | 13     | 35    |
| 7              | 13     | 5      | 13     | 31    |
| 8              | 2      | 4      | 12     | 18    |
| 9              | 4      | 4      | 8      | 16    |
| 70             | 2      | 4      | 6      | 12    |
| 1              | 1      | 1      | 6      | 8     |
| 2              | 1      | 1      | 1      | 3     |
| 3              |        | 2      | 1      | 3     |
| 4              |        |        |        |       |
| 75             | 2      | 1      | 1      | 4     |
| 6              |        |        | 2      | 2     |
| 7              | 3      |        | 2      | 5     |
| 8              |        |        |        |       |
| 9              |        |        | 1      | 1     |
| 80             |        |        |        |       |
| Total          | 77     | 78     | 132    | 287   |
| Samples        | 1      | 1      | 2      | 4     |

Table 10. Albacore Length Frequency Distribution,  
Astoria, August 1968

| Length<br>(cm) | Area   |        |        |        |        | Unknown | Total |
|----------------|--------|--------|--------|--------|--------|---------|-------|
|                | 45-124 | 46-125 | 46-126 | 47-125 | 47-126 |         |       |
| 50             |        |        |        |        |        |         |       |
| 1              |        | 1      |        |        | 1      |         | 2     |
| 2              | 1      |        |        |        |        |         | 1     |
| 3              |        | 3      |        | 1      |        | 1       | 5     |
| 4              |        | 1      |        |        |        | 3       | 4     |
| 55             |        | 1      |        |        |        | 2       | 3     |
| 6              |        | 2      |        |        |        | 1       | 3     |
| 7              |        |        |        |        | 1      | 1       | 2     |
| 8              |        | 1      | 1      |        | 1      | 2       | 5     |
| 9              | 2      | 1      | 2      |        |        | 1       | 6     |
| 60             | 1      | 6      | 3      | 2      | 3      | 12      | 27    |
| 1              | 6      | 12     | 8      | 3      | 1      | 18      | 48    |
| 2              | 9      | 11     | 9      | 10     | 8      | 25      | 72    |
| 3              | 12     | 12     | 6      | 7      | 3      | 35      | 75    |
| 4              | 15     | 18     | 12     | 9      | 5      | 33      | 92    |
| 65             | 15     | 17     | 16     | 7      | 13     | 32      | 100   |
| 6              | 12     | 17     | 20     | 10     | 14     | 37      | 110   |
| 7              | 11     | 17     | 18     | 3      | 7      | 26      | 82    |
| 8              | 3      | 8      | 13     | 7      | 7      | 28      | 66    |
| 9              | 2      | 7      | 5      | 3      | 2      | 15      | 34    |
| 70             | 2      | 3      | 13     |        | 1      | 13      | 32    |
| 1              | 1      | 4      | 5      |        | 1      | 15      | 26    |
| 2              |        | 5      | 7      | 1      | 3      | 26      | 42    |
| 3              | 1      | 2      | 5      | 1      | 1      | 13      | 23    |
| 4              |        | 2      |        |        | 2      | 12      | 16    |
| 75             |        | 4      | 1      |        | 2      | 11      | 18    |
| 6              |        | 1      | 1      |        | 1      | 15      | 18    |
| 7              |        | 1      |        |        | 1      | 4       | 6     |
| 8              |        | 2      | 2      |        | 2      | 8       | 14    |
| 9              |        |        |        |        |        | 2       | 2     |
| 80             |        |        |        |        | 1      | 4       | 5     |
| 1              |        |        | 1      |        |        | 1       | 2     |
| 2              |        | 1      |        |        |        | 3       | 4     |
| 3              |        |        |        |        |        |         |       |
| 4              |        |        |        |        |        |         |       |
| 85             |        |        |        |        |        |         |       |
| 6              |        |        |        |        |        |         |       |
| 7              |        |        | 1      |        |        |         | 1     |
| 8              |        |        |        |        |        |         |       |
| 9              |        |        |        |        |        |         |       |
| 90             |        |        |        |        |        |         |       |
| Total          | 93     | 160    | 149    | 64     | 81     | 399     | 946   |
| Samples        | 1      | 2      | 2      | 1      | 1      | 5       | 12    |

Table 11. Albacore Length Frequency Distribution,  
Astoria, September 1968

| Length<br>(cm) | Area   |        |        |        |        | Total |        |
|----------------|--------|--------|--------|--------|--------|-------|--------|
|                | 45-124 | 46-125 | 46-126 | 47-125 | 47-126 |       | 47-127 |
| 50             |        |        |        |        |        |       |        |
| 1              |        |        |        |        |        |       |        |
| 2              |        |        |        |        |        |       |        |
| 3              |        |        |        |        |        | 1     | 1      |
| 4              |        |        |        |        |        |       |        |
| 55             |        |        |        |        |        |       |        |
| 6              |        |        |        |        |        | 1     | 1      |
| 7              |        |        |        |        |        | 1     | 1      |
| 8              |        |        |        |        |        | 1     | 1      |
| 9              |        |        | 1      |        |        | 3     | 4      |
| 60             |        |        | 2      |        |        | 8     | 10     |
| 1              | 1      |        | 3      |        |        | 12    | 16     |
| 2              | 1      |        | 6      |        | 3      | 14    | 24     |
| 3              | 1      | 1      | 5      | 2      | 4      | 11    | 24     |
| 4              |        | 1      | 11     | 3      | 7      | 13    | 35     |
| 65             | 1      | 4      | 2      | 2      | 4      | 7     | 20     |
| 6              | 7      | 7      | 7      | 4      | 13     | 10    | 48     |
| 7              | 12     | 9      | 8      | 9      | 12     | 5     | 55     |
| 8              | 9      | 4      | 8      | 7      | 8      | 1     | 37     |
| 9              | 10     | 12     | 5      | 10     | 8      | 3     | 48     |
| 70             | 5      | 8      | 5      | 3      | 4      |       | 25     |
| 1              | 9      | 13     | 3      | 3      | 4      |       | 32     |
| 2              |        | 2      | 2      | 8      | 1      | 1     | 14     |
| 3              | 3      | 3      | 3      | 6      | 1      | 1     | 17     |
| 4              | 4      | 1      | 1      | 2      | 1      |       | 9      |
| 75             | 2      | 1      |        | 4      |        |       | 7      |
| 6              | 2      | 4      |        | 1      |        | 1     | 8      |
| 7              | 1      | 1      | 1      | 2      | 2      |       | 7      |
| 8              | 2      | 2      |        |        |        |       | 4      |
| 9              | 2      |        | 2      |        | 1      |       | 5      |
| 80             | 1      |        |        | 2      |        |       | 3      |
| 1              |        |        |        |        | 1      |       | 1      |
| 2              |        |        | 1      |        |        |       | 1      |
| 3              | 1      |        |        |        |        |       | 1      |
| 4              |        |        |        |        |        |       |        |
| 85             |        |        | 1      |        |        |       | 1      |
| 6              |        |        |        |        |        |       |        |
| 7              |        |        |        |        |        |       |        |
| 8              |        |        |        |        |        |       |        |
| 9              |        |        |        |        |        |       |        |
| 90             |        |        |        |        |        |       |        |
| Total          | 74     | 73     | 77     | 68     | 74     | 94    | 460    |
| Samples        | 1      | 1      | 1      | 1      | 1      | 1     | 6      |

Table 12. Albacore Length Frequency Distribution,  
Newport, July 1968

| Length<br>(cm) | Area<br>Unknown |
|----------------|-----------------|
| 60             |                 |
| 1              | 1               |
| 2              | 4               |
| 3              | 3               |
| 4              | 2               |
| 65             | 2               |
| 6              | 4               |
| 7              | 8               |
| 8              | 1               |
| 9              | 2               |
| 70             | 1               |
| 1              |                 |
| 2              | 2               |
| 3              | 1               |
| 4              | 1               |
| 75             | 2               |
| 6              | 1               |
| 7              |                 |
| 8              | 1               |
| 9              |                 |
| 80             |                 |
| Total          | 36              |
| Samples        | 1               |

Table 13. Albacore Length Frequency Distribution,  
Newport, August 1968

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 43-127 | 44-125 | 45-126 |       |
| 50             |        |        |        |       |
| 1              | 1      |        |        | 1     |
| 2              |        |        |        |       |
| 3              |        |        |        |       |
| 4              |        |        |        |       |
| 55             |        |        |        |       |
| 6              | 2      |        |        | 2     |
| 7              |        |        |        |       |
| 8              | 1      |        |        | 1     |
| 9              | 1      | 1      |        | 2     |
| 60             | 1      |        | 1      | 2     |
| 1              | 5      |        | 2      | 7     |
| 2              | 7      | 2      | 2      | 11    |
| 3              | 6      | 2      | 4      | 12    |
| 4              | 4      | 1      | 6      | 11    |
| 65             | 4      | 9      | 3      | 16    |
| 6              | 1      | 7      | 9      | 17    |
| 7              | 4      | 3      | 9      | 16    |
| 8              | 5      | 6      | 2      | 13    |
| 9              | 1      | 3      | 1      | 5     |
| 70             | 2      | 3      | 1      | 6     |
| 1              |        | 5      | 2      | 7     |
| 2              | 3      |        |        | 3     |
| 3              |        | 1      | 1      | 2     |
| 4              |        | 1      | 1      | 2     |
| 75             |        |        | 1      | 1     |
| 6              |        |        | 1      | 1     |
| 7              | 1      | 3      |        | 4     |
| 8              |        | 1      |        | 1     |
| 9              | 1      | 1      |        | 2     |
| 80             |        | 1      |        | 1     |
| 1              |        |        |        |       |
| 2              | 1      |        |        | 1     |
| 3              |        |        |        |       |
| 4              |        |        |        |       |
| 85             |        |        |        |       |
| Total          | 51     | 50     | 46     | 147   |
| Samples        | 1      | 1      | 1      | 3     |

Table 14. Albacore Length Frequency Distribution,  
Newport, September 1968

| Length<br>(cm) | Area   |        |        |        |        | Unknown | Total |
|----------------|--------|--------|--------|--------|--------|---------|-------|
|                | 41-125 | 44-124 | 44-125 | 45-124 | 47-126 |         |       |
| 50             |        |        |        |        |        |         |       |
| 1              |        |        |        |        |        |         |       |
| 2              |        |        |        |        |        |         |       |
| 3              |        |        |        | 1      |        |         | 1     |
| 4              |        |        |        | 1      |        | 1       | 2     |
| 55             | 1      |        |        | 5      |        |         | 6     |
| 6              | 1      |        |        | 1      |        |         | 2     |
| 7              |        |        |        | 2      |        |         | 2     |
| 8              | 1      |        |        | 1      |        |         | 2     |
| 9              |        |        |        |        |        |         |       |
| 60             | 1      |        |        | 3      |        | 1       | 5     |
| 1              | 1      |        |        | 1      |        | 1       | 3     |
| 2              | 2      |        |        |        |        | 2       | 4     |
| 3              | 2      | 1      |        | 2      |        |         | 5     |
| 4              | 1      |        |        | 1      | 2      | 1       | 5     |
| 65             |        | 2      |        | 1      | 9      |         | 12    |
| 6              | 2      |        |        | 4      | 4      |         | 10    |
| 7              | 2      | 1      |        | 1      | 7      | 1       | 12    |
| 8              |        |        |        | 8      | 8      | 4       | 20    |
| 9              | 6      |        | 1      | 4      | 5      | 6       | 22    |
| 70             | 2      |        |        | 3      | 1      | 2       | 8     |
| 1              |        |        |        | 3      | 1      |         | 4     |
| 2              | 2      | 3      | 1      | 1      |        | 1       | 8     |
| 3              | 1      | 2      |        | 4      |        | 4       | 11    |
| 4              | 1      | 6      |        | 5      | 1      | 1       | 14    |
| 75             | 3      | 6      | 3      | 4      |        | 1       | 17    |
| 6              |        | 7      | 2      | 4      |        |         | 13    |
| 7              | 2      | 5      | 2      | 1      |        |         | 10    |
| 8              |        | 8      | 3      | 4      |        |         | 15    |
| 9              |        | 6      | 6      | 6      |        | 1       | 19    |
| 80             |        | 3      | 3      | 1      |        |         | 7     |
| 1              |        |        | 1      | 6      |        | 3       | 10    |
| 2              | 1      | 5      |        |        |        |         | 6     |
| 3              |        | 1      |        | 3      |        | 1       | 5     |
| 4              |        | 1      | 4      |        |        |         | 5     |
| 85             |        |        |        |        |        |         |       |
| 6              |        |        |        |        |        |         |       |
| 7              |        |        |        |        |        |         |       |
| 8              |        |        |        |        |        |         |       |
| 9              |        |        | 1      |        |        |         | 1     |
| 90             |        |        |        |        |        |         |       |
| Total          | 32     | 57     | 27     | 81     | 38     | 31      | 266   |
| Samples        | 1      | 2      | 1      | 2      | 1      | 1       | 8     |

Table 15. Albacore Length Frequency Distribution,  
Coos Bay, July 1968

| Length<br>(cm) | Area   |        |        | Unknown | Total |
|----------------|--------|--------|--------|---------|-------|
|                | 43-126 | 44-125 | 44-126 |         |       |
| 50             |        |        |        |         |       |
| 1              |        |        |        |         |       |
| 2              |        |        |        | 1       | 1     |
| 3              |        |        |        |         |       |
| 4              |        |        |        | 1       | 1     |
| 55             | 1      |        |        |         | 1     |
| 6              |        |        | 1      | 1       | 2     |
| 7              |        |        |        | 2       | 2     |
| 8              |        |        | 2      |         | 2     |
| 9              | 2      | 2      | 1      |         | 5     |
| 60             | 4      | 1      |        | 2       | 7     |
| 1              | 16     | 2      | 7      | 9       | 34    |
| 2              | 11     | 9      | 10     | 6       | 36    |
| 3              | 22     | 4      | 8      | 13      | 47    |
| 4              | 21     | 4      | 12     | 24      | 61    |
| 65             | 22     | 12     | 28     | 16      | 78    |
| 6              | 20     | 12     | 27     | 23      | 82    |
| 7              | 24     | 17     | 36     | 13      | 90    |
| 8              | 16     | 17     | 34     | 11      | 78    |
| 9              | 12     | 12     | 16     | 7       | 47    |
| 70             | 11     | 10     | 9      | 2       | 32    |
| 1              | 1      | 5      | 8      | 3       | 17    |
| 2              | 9      | 6      | 7      | 1       | 23    |
| 3              | 5      | 6      | 8      |         | 19    |
| 4              | 4      | 6      | 9      | 2       | 21    |
| 75             | 4      | 8      | 7      | 2       | 21    |
| 6              | 2      | 5      | 4      | 1       | 12    |
| 7              | 1      | 3      | 1      | 1       | 6     |
| 8              | 3      | 6      | 5      |         | 14    |
| 9              | 3      | 1      |        |         | 4     |
| 80             | 1      | 1      | 1      |         | 3     |
| 1              |        | 2      | 1      |         | 3     |
| 2              |        |        |        |         |       |
| 3              |        |        |        |         |       |
| 4              |        |        |        |         |       |
| 85             |        |        |        |         |       |
| Total          | 215    | 151    | 242    | 141     | 749   |
| Samples        | 3      | 2      | 3      | 2       | 10    |



Table 16. Albacore Length Frequency Distribution,  
Coos Bay, August 1968

| Length<br>(cm) | Area     |            |
|----------------|----------|------------|
|                | 42 to 44 | 124 to 126 |
| 50             |          |            |
| 1              |          |            |
| 2              |          |            |
| 3              |          |            |
| 4              |          | 1          |
| 55             |          | 1          |
| 6              |          |            |
| 7              |          |            |
| 8              |          | 3          |
| 9              |          | 1          |
| 60             |          | 1          |
| 1              |          | 2          |
| 2              |          | 11         |
| 3              |          | 14         |
| 4              |          | 15         |
| 65             |          | 12         |
| 6              |          | 27         |
| 7              |          | 20         |
| 8              |          | 12         |
| 9              |          | 10         |
| 70             |          | 8          |
| 1              |          | 5          |
| 2              |          | 5          |
| 3              |          | 3          |
| 4              |          | 2          |
| 75             |          | 1          |
| 6              |          | 2          |
| 7              |          | 2          |
| 8              |          |            |
| 9              |          | 1          |
| 80             |          | 1          |
| 1              |          |            |
| 2              |          |            |
| 3              |          |            |
| 4              |          |            |
| 85             |          |            |
| Total          |          | 160        |
| Samples        |          | 2          |

Table 17. Albacore Length Frequency Distribution, Brookings, August 1968

| Length<br>(cm) | Area<br>42-124 |
|----------------|----------------|
| 50             |                |
| 1              |                |
| 2              |                |
| 3              | 1              |
| 4              |                |
| 55             | 1              |
| 6              | 1              |
| 7              |                |
| 8              |                |
| 9              |                |
| 60             |                |
| 1              |                |
| 2              |                |
| 3              | 1              |
| 4              |                |
| 65             |                |
| 6              |                |
| 7              | 2              |
| 8              | 1              |
| 9              | 1              |
| 70             | 1              |
| 1              |                |
| 2              |                |
| 3              | 1              |
| 4              |                |
| 75             |                |
| 6              | 3              |
| 7              |                |
| 8              | 1              |
| 9              | 1              |
| 80             |                |
| Total          | 15             |
| Samples        | 1              |

Table 18. Albacore Length Frequency  
Distribution, Preseason  
Cruise of *Sunrise*, July 1968

| Length<br>(cm) | Area     |            |
|----------------|----------|------------|
|                | 42 to 46 | 125 to 127 |
| 55             |          |            |
| 6              |          | 3          |
| 7              |          |            |
| 8              |          | 1          |
| 9              |          | 3          |
| 60             |          | 7          |
| 1              |          | 6          |
| 2              |          | 16         |
| 3              |          | 29         |
| 4              |          | 37         |
| 65             |          | 41         |
| 6              |          | 31         |
| 7              |          | 33         |
| 8              |          | 23         |
| 9              |          | 13         |
| 70             |          | 4          |
| 1              |          | 1          |
| 2              |          | 3          |
| 3              |          | 3          |
| 4              |          | 2          |
| 75             |          | 3          |
| 6              |          | 3          |
| 7              |          |            |
| 8              |          |            |
| 9              |          | 1          |
| 80             |          |            |
| Total          |          | 263        |
| Samples        |          | 1          |

Table 19. Albacore Length Frequency Distribution,  
Astoria, July 1969

| Length<br>(cm) | Area<br>Unknown |
|----------------|-----------------|
| 60             |                 |
| 1              | 2               |
| 2              | 3               |
| 3              | 6               |
| 4              | 9               |
| 65             | 15              |
| 6              | 16              |
| 7              | 10              |
| 8              | 6               |
| 9              | 2               |
| 70             | 2               |
| 1              | 1               |
| 2              |                 |
| 3              | 1               |
| 4              | 2               |
| 75             | 3               |
| 6              | 1               |
| 7              | 2               |
| 8              | 1               |
| 9              | 1               |
| 80             |                 |
| 1              | 1               |
| 2              |                 |
| 3              |                 |
| 4              |                 |
| 85             |                 |
| Total          | 84              |
| Samples        | 1               |

Table 20. Albacore Length Frequency Distribution,  
Astoria, August 1969

| Length<br>(cm) | Area   |        |        |        |        |        | Unknown | Total |
|----------------|--------|--------|--------|--------|--------|--------|---------|-------|
|                | 45-126 | 46-126 | 47-126 | 47-127 | 48-127 | 49-127 |         |       |
| 60             |        |        |        | 2      | 2      |        |         | 4     |
| 1              | 2      | 3      | 2      | 2      | 3      |        |         | 12    |
| 2              | 3      | 6      | 5      | 3      | 5      | 1      | 4       | 27    |
| 3              | 3      | 10     | 7      | 7      | 8      | 2      | 4       | 41    |
| 4              | 6      | 16     | 10     | 11     | 14     | 13     | 6       | 76    |
| 65             | 8      | 18     | 7      | 13     | 12     | 9      | 9       | 76    |
| 6              | 9      | 15     | 5      | 8      | 9      | 6      | 8       | 60    |
| 7              | 2      | 17     | 7      | 15     | 6      | 9      | 10      | 66    |
| 8              | 7      | 12     | 7      | 9      | 5      | 7      | 2       | 49    |
| 9              | 2      | 9      |        |        | 1      | 6      | 1       | 19    |
| 70             | 1      | 6      | 2      | 2      |        | 2      | 1       | 14    |
| 1              | 1      | 3      | 1      | 2      |        | 2      | 4       | 13    |
| 2              | 4      | 5      | 1      | 2      | 1      |        | 1       | 14    |
| 3              | 3      |        |        | 2      |        |        | 1       | 6     |
| 4              |        | 5      |        | 2      | 2      |        | 2       | 11    |
| 75             | 1      | 3      |        | 1      |        | 1      |         | 6     |
| 6              |        | 2      | 2      |        | 1      | 1      |         | 6     |
| 7              | 1      | 4      |        |        |        |        |         | 5     |
| 8              |        |        |        |        |        |        |         |       |
| 9              |        | 1      |        | 1      |        |        |         | 2     |
| 80             |        |        |        |        |        |        |         |       |
| 1              |        |        |        |        |        | 1      |         | 1     |
| 2              |        |        | 1      | 1      |        |        |         | 2     |
| 3              |        |        |        |        |        |        |         |       |
| 4              |        |        |        |        |        |        |         |       |
| 85             |        |        |        |        |        |        |         |       |
| Total          | 53     | 135    | 57     | 83     | 69     | 60     | 53      | 510   |
| Samples        | 1      | 2      | 1      | 1      | 1      | 1      | 1       | 8     |

Table 21. Length Frequency Distribution,  
Astoria, September 1969

| Length<br>(cm) | Area<br>49-128 |
|----------------|----------------|
| 60             |                |
| 1              | 2              |
| 2              | 2              |
| 3              | 2              |
| 4              | 1              |
| 65             | 4              |
| 6              | 1              |
| 7              | 4              |
| 8              | 2              |
| 9              | 2              |
| 70             |                |
| 1              | 2              |
| 2              | 1              |
| 3              | 5              |
| 4              | 5              |
| 75             | 4              |
| 6              | 3              |
| 7              | 2              |
| 8              | 1              |
| 9              |                |
| 80             | 3              |
| 1              |                |
| 2              | 2              |
| 3              |                |
| 4              |                |
| 85             |                |
| Total          | 48             |
| Samples        | 1              |

Table 22. Albacore Length Frequency Distribution,  
Newport, July 1969

| Length<br>(cm) | Area   |        | Total |
|----------------|--------|--------|-------|
|                | 43-126 | 43-127 |       |
| 60             | 1      |        | 1     |
| 1              | 1      |        | 1     |
| 2              | 8      | 1      | 9     |
| 3              | 17     | 7      | 24    |
| 4              | 8      | 10     | 18    |
| 65             | 3      | 11     | 14    |
| 6              | 6      | 17     | 23    |
| 7              | 4      | 7      | 11    |
| 8              | 1      | 2      | 3     |
| 9              |        | 3      | 3     |
| 70             | 1      | 2      | 3     |
| 1              |        | 1      | 1     |
| 2              |        | 6      | 6     |
| 3              |        | 2      | 2     |
| 4              |        |        |       |
| 75             |        | 1      | 1     |
| 6              |        |        |       |
| 7              |        | 1      | 1     |
| 8              |        |        |       |
| 9              |        | 3      | 3     |
| 80             |        | 1      | 1     |
| 1              |        | 1      | 1     |
| 2              |        |        |       |
| 3              |        |        |       |
| 4              |        |        |       |
| 85             |        |        |       |
| Total          | 50     | 76     | 126   |
| Samples        | 1      | 1      | 2     |

Table 23. Albacore Length Frequency Distribution,  
Newport, August 1969

| Length<br>(cm) | Area   |        |        |         | Total |
|----------------|--------|--------|--------|---------|-------|
|                | 44-124 | 45-124 | 46-126 | Unknown |       |
| 50             |        |        |        |         |       |
| 1              |        |        |        |         |       |
| 2              |        |        |        |         |       |
| 3              |        |        |        | 1       | 1     |
| 4              |        |        |        |         |       |
| 55             |        |        |        |         |       |
| 6              |        |        |        |         |       |
| 7              |        |        |        |         |       |
| 8              |        |        |        |         |       |
| 9              |        |        |        | 1       | 1     |
| 60             |        |        | 2      | 1       | 3     |
| 1              |        | 1      | 2      | 1       | 4     |
| 2              |        | 1      | 1      | 7       | 9     |
| 3              |        | 6      | 6      | 7       | 19    |
| 4              |        | 11     | 5      | 3       | 19    |
| 65             |        | 5      | 7      | 8       | 20    |
| 6              |        | 9      | 3      | 8       | 20    |
| 7              |        | 10     | 5      | 7       | 22    |
| 8              |        | 4      | 2      | 3       | 9     |
| 9              | 1      | 7      | 1      |         | 9     |
| 70             |        | 2      |        | 1       | 3     |
| 1              |        | 4      | 3      | 1       | 8     |
| 2              |        | 4      | 3      | 1       | 8     |
| 3              | 1      | 7      |        | 1       | 9     |
| 4              |        | 8      |        | 1       | 9     |
| 75             | 3      | 6      | 1      |         | 10    |
| 6              | 1      | 9      |        | 1       | 11    |
| 7              |        | 2      |        |         | 2     |
| 8              | 6      | 3      |        | 2       | 11    |
| 9              | 2      | 5      | 2      |         | 9     |
| 80             | 1      | 3      |        |         | 4     |
| 1              |        | 1      |        |         | 1     |
| 2              |        |        |        |         |       |
| 3              |        |        |        |         |       |
| 4              |        | 2      |        |         | 2     |
| 85             | 1      |        |        |         | 1     |
| Total          | 16     | 110    | 43     | 55      | 224   |
| Samples        | 1      | 2      | 1      | 1       | 5     |



Table 24. Albacore Length Frequency Distribution,  
Newport, September 1969

| Length<br>(cm) | Area<br>45-125 |
|----------------|----------------|
| 65             |                |
| 6              | 1              |
| 7              | 1              |
| 8              | 1              |
| 9              | 3              |
| 70             |                |
| 1              | 3              |
| 2              | 2              |
| 3              | 4              |
| 4              |                |
| 75             | 2              |
| 6              | 1              |
| 7              | 2              |
| 8              | 4              |
| 9              |                |
| 80             |                |
| 1              | 1              |
| 2              |                |
| 3              |                |
| 4              |                |
| 85             |                |
| Total          | 25             |
| Samples        | 1              |

Table 25. Albacore Length Frequency Distribution,  
Coos Bay, July 1969

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 43-126 | 43-127 | 44-126 |       |
| 60             |        |        | 1      | 1     |
| 1              | 1      |        |        | 1     |
| 2              |        |        | 1      | 1     |
| 3              | 7      | 2      | 2      | 11    |
| 4              | 8      | 4      | 3      | 15    |
| 65             | 22     | 5      | 6      | 33    |
| 6              | 12     | 5      | 5      | 22    |
| 7              | 15     | 8      | 8      | 31    |
| 8              | 12     | 2      | 4      | 18    |
| 9              | 11     | 1      | 3      | 15    |
| 70             | 3      |        | 5      | 8     |
| 1              |        | 2      | 1      | 3     |
| 2              | 2      | 1      |        | 3     |
| 3              | 2      |        | 3      | 5     |
| 4              | 1      |        | 1      | 2     |
| 75             | 1      | 1      | 3      | 5     |
| 6              |        | 2      | 1      | 3     |
| 7              | 1      | 1      |        | 2     |
| 8              | 1      |        | 1      | 2     |
| 9              |        |        | 1      | 1     |
| 80             |        | 2      |        | 2     |
| 1              | 1      |        |        | 1     |
| 2              |        |        | 1      | 1     |
| 3              |        |        |        |       |
| 4              |        |        |        |       |
| 85             |        |        |        |       |
| Total          | 100    | 36     | 50     | 186   |
| Samples        | 2      | 1      | 1      | 4     |

Table 26. Albacore Length Frequency Distribution,  
Astoria, July 1970

| Length<br>(cm) | Area   |        |        |         | Total |
|----------------|--------|--------|--------|---------|-------|
|                | 45-126 | 46-125 | 46-126 | Unknown |       |
| 54             | 1      |        |        | 1       | 2     |
| 55             | 1      |        |        |         | 1     |
| 6              | 1      |        |        |         | 1     |
| 7              | 4      | 1      |        | 1       | 6     |
| 8              | 2      | 2      | 1      | 4       | 9     |
| 9              | 4      | 2      | 2      | 2       | 10    |
| 60             | 5      | 7      | 5      | 4       | 21    |
| 1              | 15     | 5      | 5      | 7       | 32    |
| 2              | 14     | 8      | 13     | 14      | 49    |
| 3              | 21     | 11     | 31     | 11      | 74    |
| 4              | 21     | 12     | 33     | 20      | 86    |
| 65             | 19     | 9      | 44     | 18      | 90    |
| 6              | 23     | 8      | 53     | 14      | 98    |
| 7              | 11     | 4      | 18     | 10      | 43    |
| 8              | 8      | 5      | 18     | 4       | 35    |
| 9              | 12     |        | 15     | 2       | 29    |
| 70             | 5      |        | 5      | 2       | 12    |
| 1              | 3      |        | 8      | 3       | 14    |
| 2              | 7      | 1      | 15     | 2       | 25    |
| 3              | 11     | 2      | 23     | 4       | 40    |
| 4              | 8      | 1      | 18     | 2       | 29    |
| 75             | 10     |        | 11     | 1       | 22    |
| 6              | 6      |        | 12     | 2       | 20    |
| 7              | 6      | 2      | 13     |         | 21    |
| 8              | 4      |        | 6      | 2       | 12    |
| 9              | 1      |        | 3      | 1       | 5     |
| 80             | 1      |        | 4      |         | 5     |
| 1              | 2      |        | 1      |         | 3     |
| 2              |        |        | 3      |         | 3     |
| 3              |        |        |        |         |       |
| 4              |        |        | 1      |         | 1     |
| 85             |        |        | 1      |         | 1     |
| 6              |        |        | 1      |         | 1     |
| 7              |        |        |        |         |       |
| Total          | 226    | 80     | 363    | 131     | 800   |
| Samples        | 2      | 1      | 3      | 1       | 7     |

Table 27. Albacore Length Frequency Distribution,  
Astoria, August 1970

| Length<br>(cm) | Area   |        |        |        | Total |
|----------------|--------|--------|--------|--------|-------|
|                | 45-125 | 45-126 | 46-126 | 47-126 |       |
| 55             |        |        |        |        |       |
| 6              |        |        |        |        |       |
| 7              |        |        |        |        |       |
| 8              |        |        |        |        |       |
| 9              |        | 1      | 1      |        | 2     |
| 60             |        | 2      |        | 1      | 3     |
| 1              |        | 2      | 4      | 4      | 10    |
| 2              |        | 6      | 2      | 1      | 9     |
| 3              | 2      | 2      | 2      | 4      | 10    |
| 4              | 4      | 10     | 3      | 6      | 23    |
| 65             | 10     | 9      | 9      | 12     | 40    |
| 6              | 8      | 10     | 8      | 9      | 35    |
| 7              | 5      | 5      | 10     | 11     | 31    |
| 8              | 6      |        | 2      | 6      | 14    |
| 9              | 4      | 1      | 1      | 6      | 12    |
| 70             | 6      |        | 4      | 3      | 13    |
| 1              | 3      |        | 4      | 3      | 10    |
| 2              | 13     | 2      | 4      | 3      | 22    |
| 3              | 11     |        | 9      | 7      | 27    |
| 4              | 7      |        | 13     | 9      | 29    |
| 75             | 12     |        | 7      | 10     | 29    |
| 6              | 12     |        | 8      | 7      | 27    |
| 7              | 6      |        | 9      | 10     | 25    |
| 8              | 5      | 1      | 8      | 8      | 22    |
| 9              | 2      |        | 2      | 3      | 7     |
| 80             | 2      |        | 1      | 1      | 4     |
| 1              | 1      |        | 2      |        | 3     |
| 2              | 1      |        |        | 1      | 2     |
| 3              |        |        | 2      | 1      | 3     |
| 4              |        |        |        |        |       |
| 85             |        |        |        |        |       |
| Total          | 120    | 51     | 115    | 126    | 412   |
| Samples        | 1      | 1      | 1      | 1      | 4     |

Table 28. Albacore Length Frequency Distribution,  
Newport, August 1970

| Length<br>(cm) | Area    |
|----------------|---------|
|                | Unknown |
| 60             |         |
| 1              | 1       |
| 2              | 1       |
| 3              | 6       |
| 4              | 1       |
| 65             | 4       |
| 6              | 4       |
| 7              | 9       |
| 8              | 7       |
| 9              | 1       |
| 70             | 3       |
| 1              | 2       |
| 2              | 1       |
| 3              | 1       |
| 4              | 1       |
| 75             | 5       |
| 6              |         |
| 7              |         |
| Total          | 47      |
| Samples        | 1       |

Table 29. Albacore Length Frequency Distribution, Astoria, July 1971.

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 44-125 | 45-125 | 46-125 |       |
| 55             |        |        |        |       |
| 6              |        |        |        |       |
| 7              |        |        |        |       |
| 8              |        |        | 1      | 1     |
| 9              |        | 5      |        | 5     |
| 60             | 4      | 4      |        | 8     |
| 1              | 7      | 19     | 4      | 30    |
| 2              | 26     | 18     | 18     | 62    |
| 3              | 31     | 25     | 30     | 86    |
| 4              | 37     | 16     | 40     | 93    |
| 65             | 20     | 8      | 23     | 51    |
| 6              | 6      | 6      | 11     | 23    |
| 7              | 1      | 1      | 10     | 12    |
| 8              | 2      | 3      | 5      | 10    |
| 9              | 2      | 1      |        | 3     |
| 70             | 1      | 1      | 1      | 3     |
| 1              |        | 3      | 1      | 4     |
| 2              |        | 3      |        | 3     |
| 3              |        | 3      |        | 3     |
| 4              |        | 1      |        | 1     |
| 75             | 1      | 2      | 1      | 4     |
| 6              |        |        | 1      | 1     |
| 7              |        | 5      | 1      | 6     |
| 8              |        |        |        |       |
| 9              |        |        |        |       |
| 80             |        |        |        |       |
| 1              |        | 1      |        | 1     |
| 2              |        |        |        |       |
| 3              |        |        |        |       |
| 4              |        |        |        |       |
| 85             |        |        |        |       |
| Total          | 138    | 125    | 147    | 410   |
| Samples        | 1      | 2      | 1      | 4     |

Table 30. Albacore Length Frequency Distribution,  
Astoria, August 1971

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 45-124 | 46-125 | 47-126 |       |
| 55             |        |        | 4      | 4     |
| 6              |        |        |        |       |
| 7              |        |        |        |       |
| 8              |        |        | 1      | 1     |
| 9              | 1      | 1      | 5      | 7     |
| 60             | 3      | 2      | 3      | 8     |
| 1              | 3      | 4      | 20     | 27    |
| 2              | 9      | 15     | 26     | 50    |
| 3              | 8      | 24     | 17     | 49    |
| 4              | 3      | 24     | 17     | 44    |
| 65             | 4      | 11     | 12     | 27    |
| 6              | 2      | 3      | 5      | 10    |
| 7              | 3      | 1      | 2      | 6     |
| 8              | 2      |        | 1      | 3     |
| 9              | 5      |        | 3      | 8     |
| 70             | 2      | 1      | 1      | 4     |
| 1              | 2      |        |        | 2     |
| 2              | 10     |        | 1      | 11    |
| 3              | 4      |        |        | 4     |
| 4              | 4      |        | 1      | 5     |
| 75             | 3      |        | 1      | 4     |
| 6              | 4      | 2      | 2      | 8     |
| 7              | 2      |        |        | 2     |
| 8              |        | 1      |        | 1     |
| 9              | 2      | 1      | 1      | 4     |
| 80             |        |        |        |       |
| 1              |        |        |        |       |
| 2              |        |        |        |       |
| 3              |        |        |        |       |
| 4              | 1      |        |        | 1     |
| 85             |        |        |        |       |
| Total          | 77     | 90     | 123    | 290   |
| Samples        | 1      | 1      | 1      | 3     |

Table 31. Albacore Length Frequency Distribution,  
Newport, July 1971

| Length<br>(cm) | Area   |        |        | Total |
|----------------|--------|--------|--------|-------|
|                | 44-125 | 45-124 | 45-125 |       |
| 55             |        |        |        |       |
| 6              |        |        |        |       |
| 7              |        | 1      |        | 1     |
| 8              |        |        |        |       |
| 9              |        |        |        |       |
| 60             | 2      | 6      | 4      | 12    |
| 1              | 3      | 12     | 5      | 20    |
| 2              | 12     | 24     | 8      | 44    |
| 3              | 21     | 47     | 23     | 91    |
| 4              | 16     | 27     | 22     | 65    |
| 65             | 10     | 18     | 6      | 34    |
| 6              | 8      | 17     | 6      | 31    |
| 7              | 6      | 9      | 2      | 17    |
| 8              | 5      | 8      |        | 13    |
| 9              | 1      | 3      | 1      | 5     |
| 70             | 3      | 6      | 1      | 10    |
| 1              | 2      | 2      | 2      | 6     |
| 2              | 4      | 3      | 5      | 12    |
| 3              | 3      | 3      | 2      | 8     |
| 4              | 1      | 4      | 3      | 8     |
| 75             | 1      | 5      | 1      | 7     |
| 6              | 1      | 2      | 3      | 6     |
| 7              |        | 2      | 3      | 5     |
| 8              | 1      | 1      | 2      | 4     |
| 9              |        |        |        |       |
| 80             |        |        |        |       |
| 1              |        |        |        |       |
| 2              |        |        | 1      | 1     |
| 3              |        |        |        |       |
| 4              |        |        |        |       |
| 85             |        |        |        |       |
| Total          | 100    | 200    | 100    | 400   |
| Samples        | 1      | 2      | 1      | 4     |



Table 32. Albacore Length Frequency Distribution,  
Astoria, July 1972

| Length<br>(cm) | Area         |
|----------------|--------------|
|                | Oregon Coast |
| 50             |              |
| 1              |              |
| 2              |              |
| 3              | 1            |
| 4              |              |
| 55             |              |
| 6              |              |
| 7              |              |
| 8              | 1            |
| 9              | 4            |
| 60             | 5            |
| 1              | 13           |
| 2              | 32           |
| 3              | 51           |
| 4              | 75           |
| 65             | 73           |
| 6              | 83           |
| 7              | 52           |
| 8              | 26           |
| 9              | 15           |
| 70             | 8            |
| 1              | 23           |
| 2              | 36           |
| 3              | 46           |
| 4              | 63           |
| 75             | 48           |
| 6              | 44           |
| 7              | 36           |
| 8              | 28           |
| 9              | 24           |
| 80             | 16           |
| 1              | 10           |
| 2              | 3            |
| 3              | 2            |
| 4              | 1            |
| 85             | 1            |
| Total          | 820          |
| Samples        | 2            |

Table 33. Albacore Length Frequency Distribution,  
Astoria, August 1972

| Length<br>(cm) | Area         |
|----------------|--------------|
|                | Oregon Coast |
| 50             |              |
| 1              |              |
| 2              | 1            |
| 3              |              |
| 4              | 1            |
| 55             |              |
| 6              |              |
| 7              | 2            |
| 8              | 3            |
| 9              | 1            |
| 60             | 2            |
| 1              | 11           |
| 2              | 19           |
| 3              | 42           |
| 4              | 45           |
| 65             | 71           |
| 6              | 76           |
| 7              | 41           |
| 8              | 14           |
| 9              | 13           |
| 70             | 12           |
| 1              | 16           |
| 2              | 26           |
| 3              | 39           |
| 4              | 44           |
| 75             | 39           |
| 6              | 27           |
| 7              | 29           |
| 8              | 18           |
| 9              | 17           |
| 80             | 8            |
| 1              | 4            |
| 2              | 4            |
| 3              |              |
| 4              | 2            |
| 85             |              |
| Total          | 627          |
| Samples        | 2            |

Table 34. Albacore Length Frequency Distribution,  
Astoria, September 1972

| Length<br>(cm) | Area            |                     | Total |
|----------------|-----------------|---------------------|-------|
|                | Oregon<br>Coast | British<br>Columbia |       |
| 53             |                 |                     |       |
| 4              |                 | 1                   | 1     |
| 55             | 1               |                     | 1     |
| 6              |                 | 1                   | 1     |
| 7              |                 |                     |       |
| 8              | 1               | 3                   | 4     |
| 9              | 1               | 7                   | 8     |
| 60             |                 | 3                   | 3     |
| 1              | 2               | 11                  | 13    |
| 2              | 4               | 7                   | 11    |
| 3              | 6               | 22                  | 28    |
| 4              | 2               | 33                  | 35    |
| 65             | 11              | 48                  | 59    |
| 6              | 17              | 45                  | 62    |
| 7              | 13              | 28                  | 41    |
| 8              | 12              | 38                  | 50    |
| 9              | 7               | 36                  | 43    |
| 70             | 2               | 64                  | 66    |
| 1              | 4               | 100                 | 104   |
| 2              | 6               | 136                 | 142   |
| 3              | 8               | 200                 | 208   |
| 4              | 20              | 174                 | 194   |
| 75             | 18              | 194                 | 212   |
| 6              | 15              | 181                 | 196   |
| 7              | 24              | 125                 | 149   |
| 8              | 25              | 94                  | 119   |
| 9              | 11              | 63                  | 74    |
| 80             | 7               | 24                  | 31    |
| 1              | 3               | 24                  | 27    |
| 2              | 6               | 5                   | 11    |
| 3              | 3               | 3                   | 6     |
| 4              | 6               | 4                   | 10    |
| 85             |                 | 3                   | 3     |
| 6              | 1               |                     | 1     |
| 7              |                 | 1                   | 1     |
| 8              |                 |                     |       |
| 9              |                 |                     |       |
| 90             |                 |                     |       |
| Total          | 236             | 1,678               | 1,914 |
| Samples        | 1               | 5                   | 6     |

Table 35. Albacore Length Frequency Distribution,  
Newport, July 1972

| Length<br>(cm) | Area   |        |        | Oregon<br>Coast | Total |
|----------------|--------|--------|--------|-----------------|-------|
|                | 44-124 | 44-126 | 45-125 |                 |       |
| 55             |        |        |        |                 |       |
| 6              |        |        |        |                 |       |
| 7              |        | 1      |        |                 | 1     |
| 8              |        |        | 1      |                 | 1     |
| 9              |        |        | 1      |                 | 1     |
| 60             |        | 2      | 1      |                 | 3     |
| 1              |        | 1      |        |                 | 1     |
| 2              |        | 7      | 3      |                 | 10    |
| 3              | 1      | 2      | 2      | 4               | 9     |
| 4              | 4      | 13     | 7      | 3               | 27    |
| 65             | 1      | 24     | 22     | 12              | 59    |
| 6              | 10     | 21     | 23     | 8               | 62    |
| 7              | 3      | 14     | 17     | 7               | 41    |
| 8              | 4      | 15     | 11     | 4               | 34    |
| 9              | 3      | 6      | 5      | 4               | 18    |
| 70             |        | 5      | 4      | 1               | 10    |
| 1              | 1      | 2      | 2      | 4               | 9     |
| 2              | 2      | 4      | 5      | 2               | 13    |
| 3              | 3      | 5      | 7      | 2               | 17    |
| 4              | 6      | 16     | 17     | 3               | 42    |
| 75             | 9      | 6      | 20     | 5               | 40    |
| 6              | 4      | 8      | 12     | 9               | 33    |
| 7              | 9      | 10     | 18     | 4               | 41    |
| 8              | 9      | 8      | 10     | 6               | 33    |
| 9              | 4      | 3      | 12     | 4               | 23    |
| 80             | 6      | 3      | 5      | 4               | 18    |
| 1              | 3      |        | 5      | 6               | 14    |
| 2              |        | 2      | 2      | 1               | 5     |
| 3              | 1      | 3      |        | 1               | 5     |
| 4              | 1      |        | 1      |                 | 2     |
| 85             | 1      |        |        |                 | 1     |
| 6              |        |        | 1      |                 | 1     |
| 7              |        |        | 3      |                 | 3     |
| 8              |        |        |        |                 |       |
| 9              |        |        |        |                 |       |
| 90             |        |        |        |                 |       |
| Total          | 85     | 181    | 217    | 94              | 577   |
| Samples        | 1      | 2      | 4      | 1               | 8     |

Table 36. Albacore Length Frequency Distribution,  
Newport, August 1972

| Length<br>(cm) | Area   |        |        |        |        | Total |        |
|----------------|--------|--------|--------|--------|--------|-------|--------|
|                | 42-127 | 44-125 | 44-126 | 45-126 | 46-124 |       | 46-126 |
| 53             |        |        | 1      |        |        | 1     |        |
| 4              |        |        | 2      |        |        | 2     |        |
| 55             |        |        |        |        |        |       |        |
| 6              |        |        | 2      |        |        | 2     |        |
| 7              |        |        | 1      |        |        | 1     |        |
| 8              | 1      |        | 2      |        |        | 3     |        |
| 9              | 1      |        |        |        |        | 1     |        |
| 60             | 3      |        | 1      |        |        | 4     |        |
| 1              | 4      | 1      | 1      |        |        | 6     |        |
| 2              | 6      |        | 4      |        |        | 12    |        |
| 3              | 6      |        | 2      |        |        | 10    |        |
| 4              | 11     | 7      | 7      |        |        | 30    |        |
| 65             | 23     | 8      | 9      | 1      |        | 53    |        |
| 6              | 22     | 7      | 16     | 1      |        | 59    |        |
| 7              | 10     | 25     | 12     | 2      |        | 55    |        |
| 8              | 3      | 2      | 13     |        |        | 26    |        |
| 9              | 4      | 9      | 11     | 2      |        | 28    |        |
| 70             | 1      | 6      | 3      |        |        | 13    |        |
| 1              |        | 1      | 2      |        |        | 4     |        |
| 2              |        | 4      | 6      | 4      |        | 15    |        |
| 3              | 1      | 3      |        | 2      |        | 10    |        |
| 4              | 3      | 5      | 5      | 7      | 2      | 27    |        |
| 75             | 1      | 7      | 11     | 7      | 1      | 31    |        |
| 6              | 2      | 11     | 11     | 7      | 3      | 37    |        |
| 7              | 3      | 16     | 7      | 21     | 3      | 52    |        |
| 8              | 4      | 13     |        | 14     | 1      | 37    |        |
| 9              | 2      | 5      | 8      | 9      | 3      | 28    |        |
| 80             | 1      | 12     | 7      | 7      | 1      | 31    |        |
| 1              | 1      | 5      | 5      | 1      | 2      | 15    |        |
| 2              | 4      | 5      | 1      | 6      | 2      | 19    |        |
| 3              |        | 5      |        |        | 2      | 8     |        |
| 4              |        | 1      | 2      |        |        | 3     |        |
| 85             |        |        |        |        |        |       |        |
| 6              |        | 1      |        |        |        | 1     |        |
| 7              |        |        |        |        |        |       |        |
| Total          | 117    | 159    | 152    | 91     | 20     | 86    | 625    |
| Samples        | 1      | 2      | 2      | 1      | 1      | 1     | 8      |

Table 37. Albacore Length Frequency Distribution,  
Newport, September 1972

| Length<br>(cm) | Area             |
|----------------|------------------|
|                | British Columbia |
| 60             |                  |
| 1              |                  |
| 2              | 4                |
| 3              | 7                |
| 4              | 8                |
| 65             | 14               |
| 6              | 25               |
| 7              | 14               |
| 8              | 5                |
| 9              | 4                |
| 70             | 2                |
| 1              |                  |
| 2              |                  |
| 3              |                  |
| 4              | 1                |
| 75             | 3                |
| 6              |                  |
| 7              |                  |
| 8              |                  |
| 9              |                  |
| 80             | 1                |
| 1              | 1                |
| 2              |                  |
| 3              |                  |
| 4              | 1                |
| 85             |                  |
| Total          | 90               |
| Samples        | 1                |

Table 38. Albacore Length Frequency Distribution  
Coos Bay, August 1972

| Length<br>(cm) | Area   |        |        |        | Oregon<br>Coast | Total |
|----------------|--------|--------|--------|--------|-----------------|-------|
|                | 42-127 | 43-126 | 44-126 | 44-127 |                 |       |
| 54             |        |        | 1      |        |                 | 1     |
| 55             |        |        |        |        |                 |       |
| 6              |        |        |        |        |                 |       |
| 7              |        |        |        |        |                 |       |
| 8              |        |        |        |        |                 |       |
| 9              | 1      |        |        |        |                 | 1     |
| 60             |        |        |        |        | 1               | 1     |
| 1              | 1      | 1      | 1      |        |                 | 3     |
| 2              |        | 1      | 1      | 1      | 2               | 5     |
| 3              | 1      | 2      | 2      | 1      | 2               | 8     |
| 4              | 1      | 1      | 1      | 3      | 3               | 9     |
| 65             | 7      | 4      | 12     | 2      | 11              | 36    |
| 6              | 17     | 8      | 18     | 3      | 15              | 61    |
| 7              | 12     | 10     | 19     | 2      | 14              | 57    |
| 8              | 8      | 6      | 9      | 4      | 16              | 43    |
| 9              | 5      | 3      | 9      | 3      | 3               | 23    |
| 70             | 5      | 1      |        | 1      | 2               | 9     |
| 1              | 1      |        | 3      | 1      |                 | 5     |
| 2              |        |        |        |        |                 |       |
| 3              | 1      | 4      | 3      | 2      | 4               | 14    |
| 4              | 1      | 10     | 2      | 1      | 2               | 16    |
| 75             | 5      | 5      | 3      | 1      | 10              | 24    |
| 6              | 1      | 9      | 7      | 4      | 8               | 29    |
| 7              | 1      | 9      | 2      | 2      | 5               | 19    |
| 8              | 4      | 7      | 11     | 10     | 8               | 40    |
| 9              | 3      | 7      | 3      | 4      | 10              | 27    |
| 80             | 4      | 6      | 3      | 3      | 7               | 23    |
| 1              | 1      | 3      | 3      |        | 3               | 10    |
| 2              |        |        | 3      | 2      | 2               | 7     |
| 3              | 1      | 2      | 2      |        | 4               | 9     |
| 4              |        | 2      | 1      |        | 2               | 5     |
| 85             |        |        |        |        | 1               | 1     |
| 6              |        |        |        |        | 1               | 1     |
| 7              |        |        |        |        |                 |       |
| Total          | 81     | 101    | 119    | 50     | 136             | 487   |
| Samples        | 1      | 2      | 2      | 1      | 2               | 8     |

Table 39. Albacore Length Frequency Distribution,  
Coos Bay, September 1972

| Length<br>(cm) | Area<br>44-125 |
|----------------|----------------|
| 55             |                |
| 6              |                |
| 7              | 2              |
| 8              |                |
| 9              | 3              |
| 60             | 2              |
| 1              | 1              |
| 2              | 2              |
| 3              | 5              |
| 4              | 4              |
| 65             | 11             |
| 6              | 18             |
| 7              | 11             |
| 8              | 3              |
| 9              | 6              |
| 70             |                |
| 1              | 1              |
| 2              | 10             |
| 3              | 6              |
| 4              | 3              |
| 75             | 12             |
| 6              | 8              |
| 7              | 1              |
| 8              | 3              |
| 9              | 2              |
| 80             | 2              |
| 1              |                |
| 2              | 1              |
| 3              | 1              |
| 4              |                |
| 85             |                |
| Total          | 118            |
| Samples        | 2              |



Table 40. Albacore Length-Frequency Distribution  
in Percentage by Month and Year, 1968-72

| Length<br>(cm)         | 1968  |       |       | 1969 |      |       |
|------------------------|-------|-------|-------|------|------|-------|
|                        | July  | Aug.  | Sept. | July | Aug. | Sept. |
| 50                     |       |       |       |      |      |       |
| 1                      |       | 0.2   |       |      |      |       |
| 2                      | 0.1   | 0.1   |       |      |      |       |
| 3                      |       | 0.5   | 0.3   |      | 0.1  |       |
| 4                      | 0.1   | 0.4   | 0.3   |      |      |       |
| 55                     | 0.1   | 0.4   | 0.8   |      |      |       |
| 6                      | 0.5   | 0.5   | 0.4   |      |      |       |
| 7                      | 0.2   | 0.2   | 0.4   |      |      |       |
| 8                      | 0.5   | 0.7   | 0.4   |      |      |       |
| 9                      | 0.9   | 0.7   | 0.6   |      | 0.1  |       |
| 60                     | 1.7   | 2.4   | 2.1   | 0.5  | 1.0  |       |
| 1                      | 4.0   | 4.5   | 2.6   | 1.0  | 2.2  | 2.7   |
| 2                      | 5.6   | 7.4   | 3.9   | 3.3  | 4.9  | 2.7   |
| 3                      | 7.6   | 8.0   | 4.0   | 10.3 | 8.2  | 2.7   |
| 4                      | 10.4  | 9.3   | 5.5   | 10.6 | 12.9 | 1.4   |
| 65                     | 11.9  | 10.1  | 4.4   | 15.7 | 13.1 | 5.5   |
| 6                      | 11.4  | 12.1  | 8.0   | 15.4 | 10.9 | 2.7   |
| 7                      | 12.1  | 9.5   | 9.2   | 13.1 | 12.0 | 6.9   |
| 8                      | 9.0   | 7.3   | 7.9   | 6.8  | 7.9  | 4.1   |
| 9                      | 5.8   | 3.9   | 9.6   | 5.0  | 3.8  | 6.9   |
| 70                     | 3.7   | 3.7   | 4.5   | 3.3  | 2.3  |       |
| 1                      | 1.9   | 3.0   | 5.0   | 1.3  | 2.9  | 6.9   |
| 2                      | 2.3   | 3.9   | 3.0   | 2.3  | 3.0  | 4.1   |
| 3                      | 1.9   | 2.3   | 3.9   | 2.0  | 2.0  | 12.3  |
| 4                      | 1.8   | 1.6   | 3.2   | 1.0  | 2.7  | 6.9   |
| 75                     | 2.3   | 1.6   | 3.3   | 2.3  | 2.2  | 8.2   |
| 6                      | 1.4   | 1.9   | 2.9   | 1.0  | 2.3  | 5.5   |
| 7                      | 0.8   | 0.9   | 2.3   | 1.3  | 1.0  | 5.5   |
| 8                      | 1.1   | 1.3   | 2.6   | 0.7  | 1.5  | 6.9   |
| 9                      | 0.4   | 0.5   | 3.3   | 1.3  | 1.5  |       |
| 80                     | 0.3   | 0.5   | 1.4   | 0.8  | 0.5  | 4.1   |
| 1                      | 0.2   | 0.1   | 1.5   | 0.8  | 0.3  | 1.3   |
| 2                      |       | 0.4   | 1.0   | 0.2  | 0.3  | 2.7   |
| 3                      |       |       | 0.8   |      |      |       |
| 4                      |       |       | 0.7   |      | 0.3  |       |
| 85                     |       |       | 0.1   |      | 0.1  |       |
| 6                      |       |       |       |      |      |       |
| 7                      |       | 0.1   |       |      |      |       |
| 8                      |       |       |       |      |      |       |
| 9                      |       |       | 0.1   |      |      |       |
| 90                     |       |       |       |      |      |       |
| No. of Fish<br>Sampled | 1,335 | 1,268 | 726   | 396  | 734  | 73    |

Table 40. Continued

| Length<br>(cm)         | 1970 |      | 1971 |      | 1972  |       |       |
|------------------------|------|------|------|------|-------|-------|-------|
|                        | July | Aug. | July | Aug. | July  | Aug.  | Sept. |
| 50                     |      |      |      |      |       |       |       |
| 1                      |      |      |      |      |       |       |       |
| 2                      |      |      |      |      |       | T     |       |
| 3                      |      |      |      |      | 0.1   | T     |       |
| 4                      | 0.2  |      |      |      |       | 0.2   | 0.1   |
| 55                     | 0.1  |      |      | 1.4  |       |       | 0.1   |
| 6                      | 0.1  |      |      |      |       | 0.1   | 0.1   |
| 7                      | 0.8  |      | 0.1  |      | 0.1   | 0.2   | 0.1   |
| 8                      | 1.1  |      | 0.1  | 0.3  | 0.1   | 0.4   | 0.2   |
| 9                      | 1.2  | 0.4  | 0.6  | 2.4  | 0.4   | 0.2   | 0.5   |
| 60                     | 2.6  | 0.7  | 2.5  | 2.8  | 0.6   | 0.4   | 0.2   |
| 1                      | 4.0  | 2.4  | 6.2  | 9.3  | 1.0   | 1.1   | 0.7   |
| 2                      | 6.1  | 2.2  | 13.1 | 17.2 | 3.0   | 2.1   | 0.8   |
| 3                      | 9.3  | 3.5  | 21.8 | 16.9 | 4.3   | 3.5   | 1.9   |
| 4                      | 10.8 | 5.2  | 19.5 | 15.2 | 7.3   | 4.8   | 2.2   |
| 65                     | 11.3 | 9.6  | 10.5 | 9.3  | 9.4   | 9.2   | 4.0   |
| 6                      | 12.3 | 8.5  | 6.6  | 3.4  | 10.4  | 11.3  | 4.9   |
| 7                      | 5.4  | 8.7  | 3.6  | 2.1  | 6.6   | 8.8   | 3.1   |
| 8                      | 4.4  | 4.6  | 2.8  | 1.0  | 4.3   | 4.8   | 2.7   |
| 9                      | 3.6  | 2.8  | 1.0  | 2.8  | 2.4   | 3.7   | 2.5   |
| 70                     | 1.5  | 3.5  | 1.6  | 1.4  | 1.3   | 2.0   | 3.2   |
| 1                      | 1.8  | 2.6  | 1.2  | 0.7  | 2.3   | 1.4   | 4.9   |
| 2                      | 3.1  | 5.0  | 1.9  | 3.8  | 3.5   | 2.4   | 7.2   |
| 3                      | 5.0  | 6.1  | 1.4  | 1.4  | 4.5   | 3.6   | 10.1  |
| 4                      | 3.6  | 6.5  | 1.1  | 1.7  | 7.5   | 5.0   | 9.3   |
| 75                     | 2.8  | 7.4  | 1.4  | 1.4  | 6.3   | 5.4   | 10.7  |
| 6                      | 2.5  | 5.9  | 0.9  | 2.8  | 5.5   | 5.3   | 9.6   |
| 7                      | 2.6  | 5.4  | 1.4  | 0.7  | 5.5   | 5.8   | 7.1   |
| 8                      | 1.5  | 4.8  | 0.5  | 0.3  | 4.4   | 5.5   | 5.7   |
| 9                      | 0.6  | 1.5  |      | 1.4  | 3.4   | 4.1   | 3.6   |
| 80                     | 0.6  | 0.9  |      |      | 2.4   | 3.6   | 1.6   |
| 1                      | 0.4  | 0.7  | 0.1  |      | 1.7   | 1.7   | 1.3   |
| 2                      | 0.4  | 0.4  | 0.1  |      | 0.6   | 1.7   | 0.5   |
| 3                      |      | 0.7  |      |      | 0.5   | 1.0   | 0.3   |
| 4                      | 0.1  |      |      | 0.3  | 0.2   | 0.6   | 0.5   |
| 85                     | 0.1  |      |      |      | 0.1   | T     | 0.1   |
| 6                      | 0.1  |      |      |      | 0.1   | 0.1   | 0.1   |
| 7                      |      |      |      |      | 0.2   |       | 0.1   |
| 8                      |      |      |      |      |       |       |       |
| 9                      |      |      |      |      |       |       |       |
| 90                     |      |      |      |      |       |       |       |
| No. of Fish<br>Sampled | 800  | 459  | 810  | 290  | 1,397 | 1,739 | 2,122 |

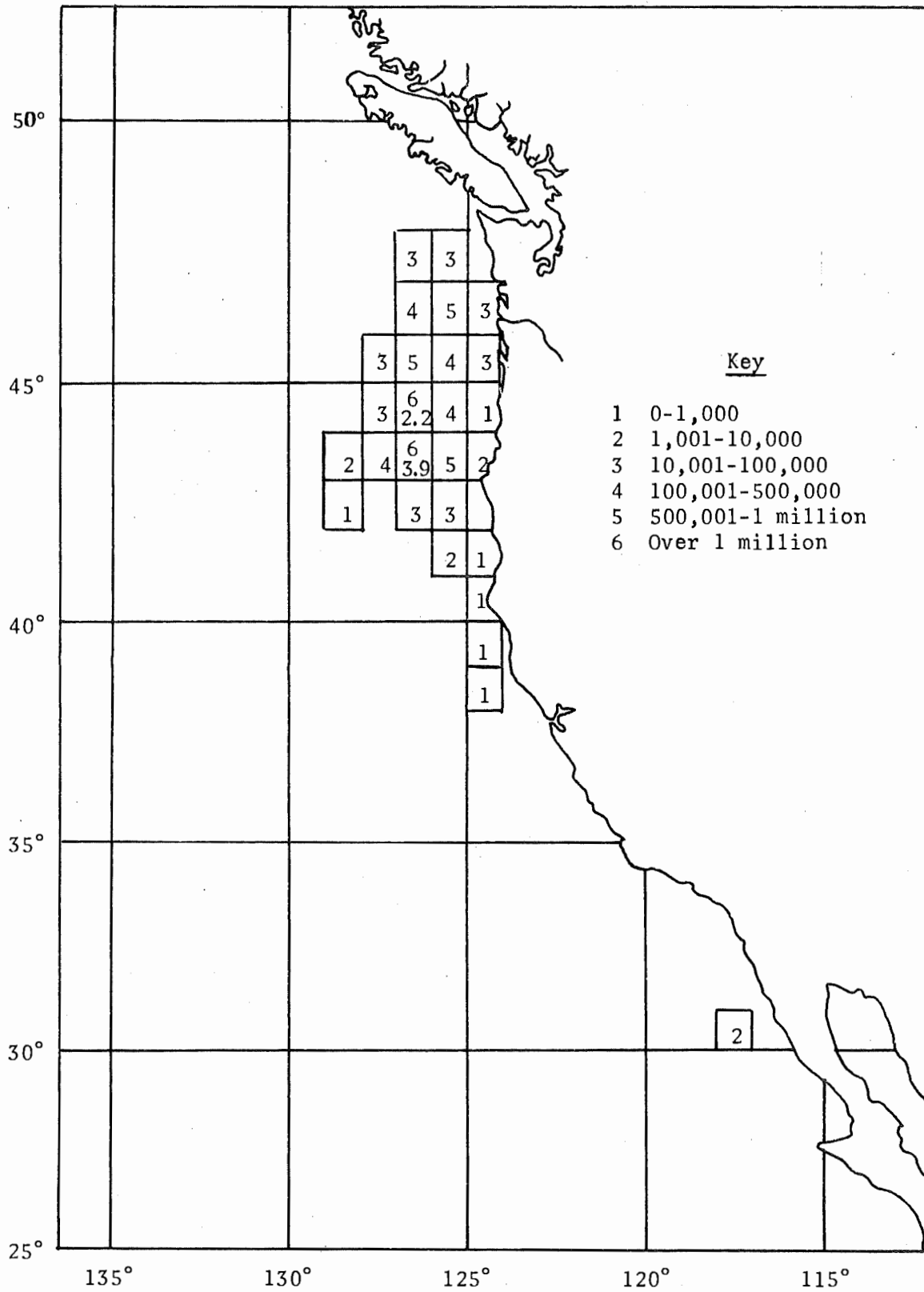


Figure 1. Catch Localities for Pacific Albacore, July 1968

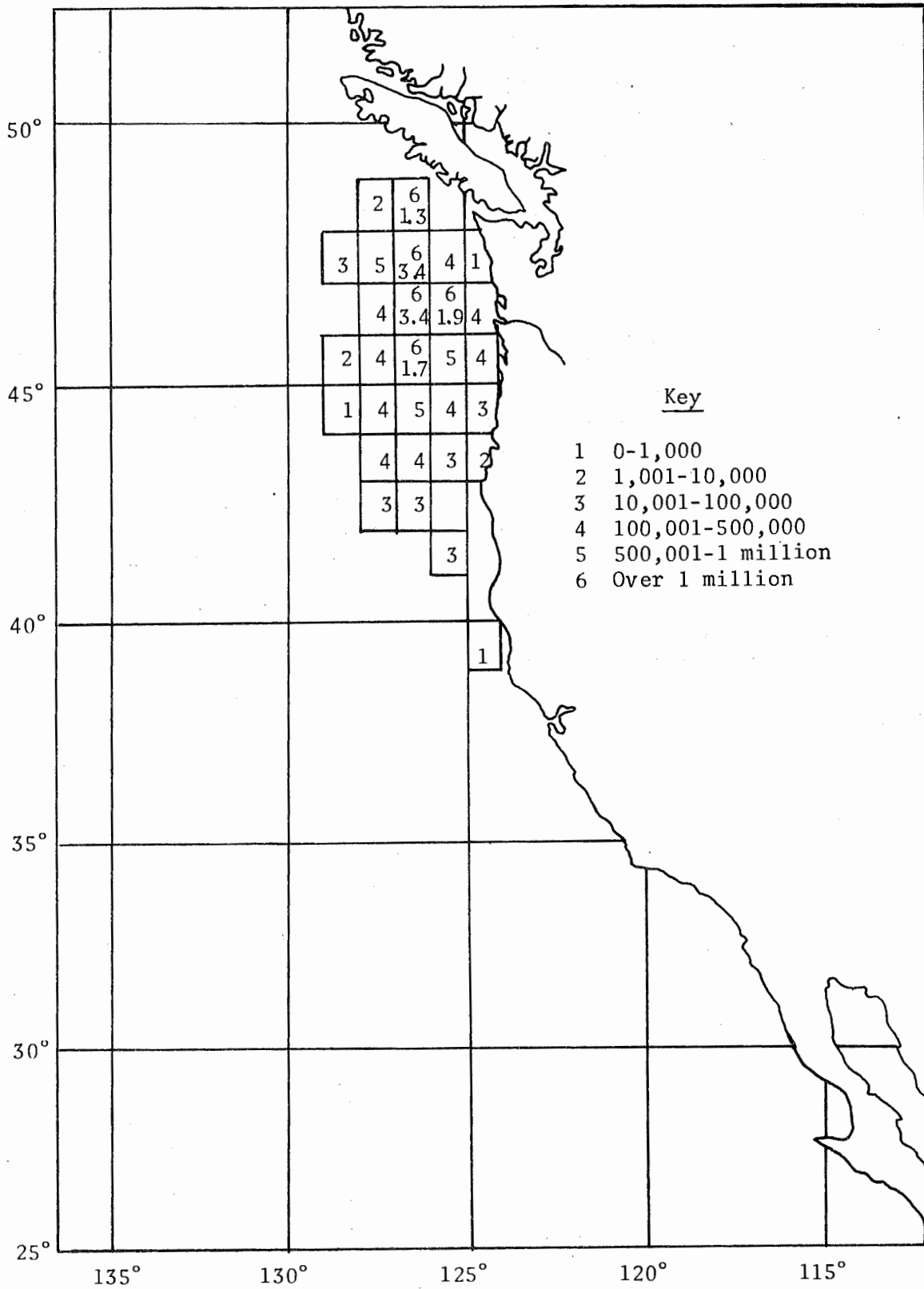


Figure 2. Catch Localities for Pacific Albacore, August 1968

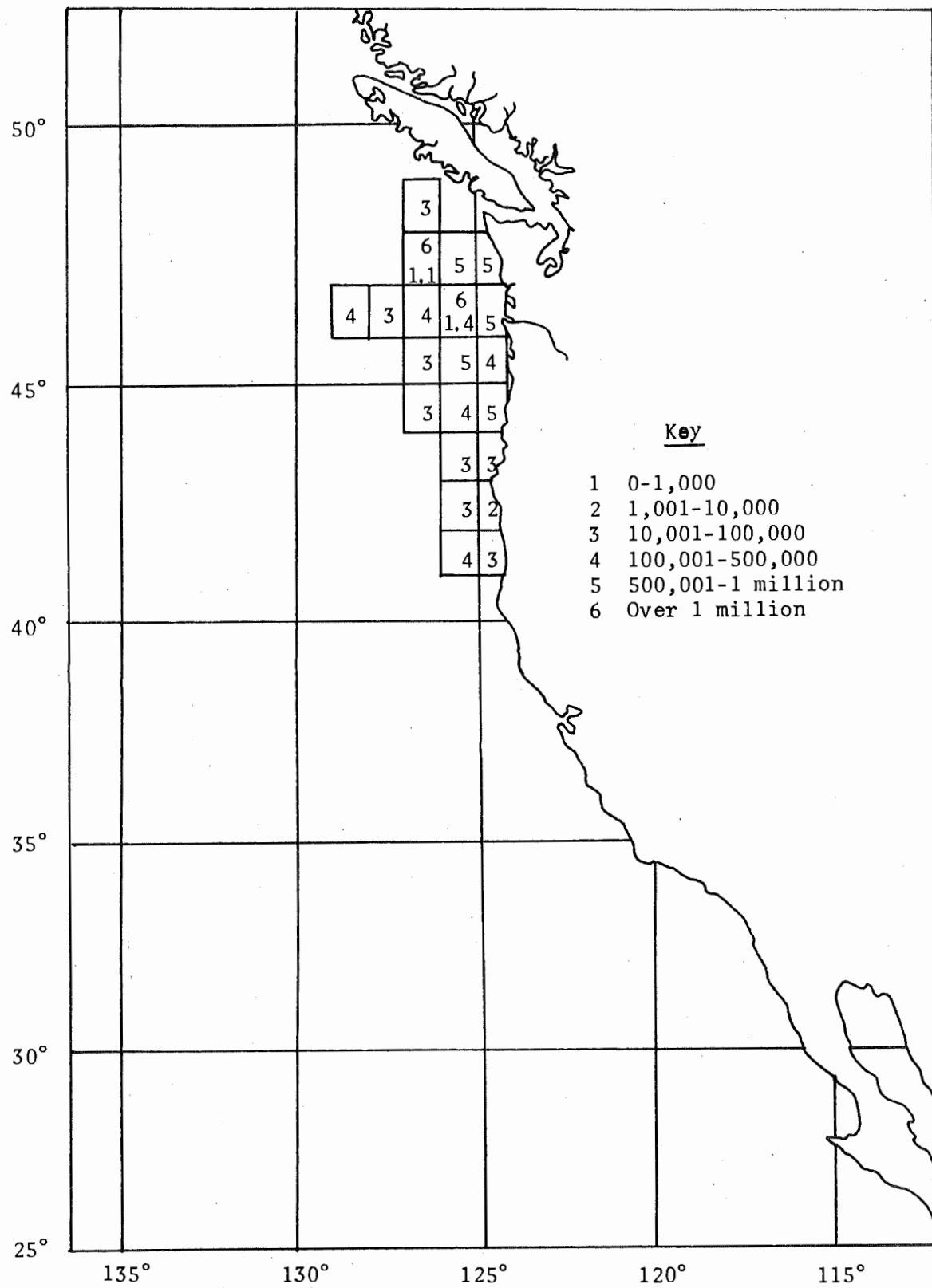


Figure 3. Catch Localities for Pacific Albacore, September 1968

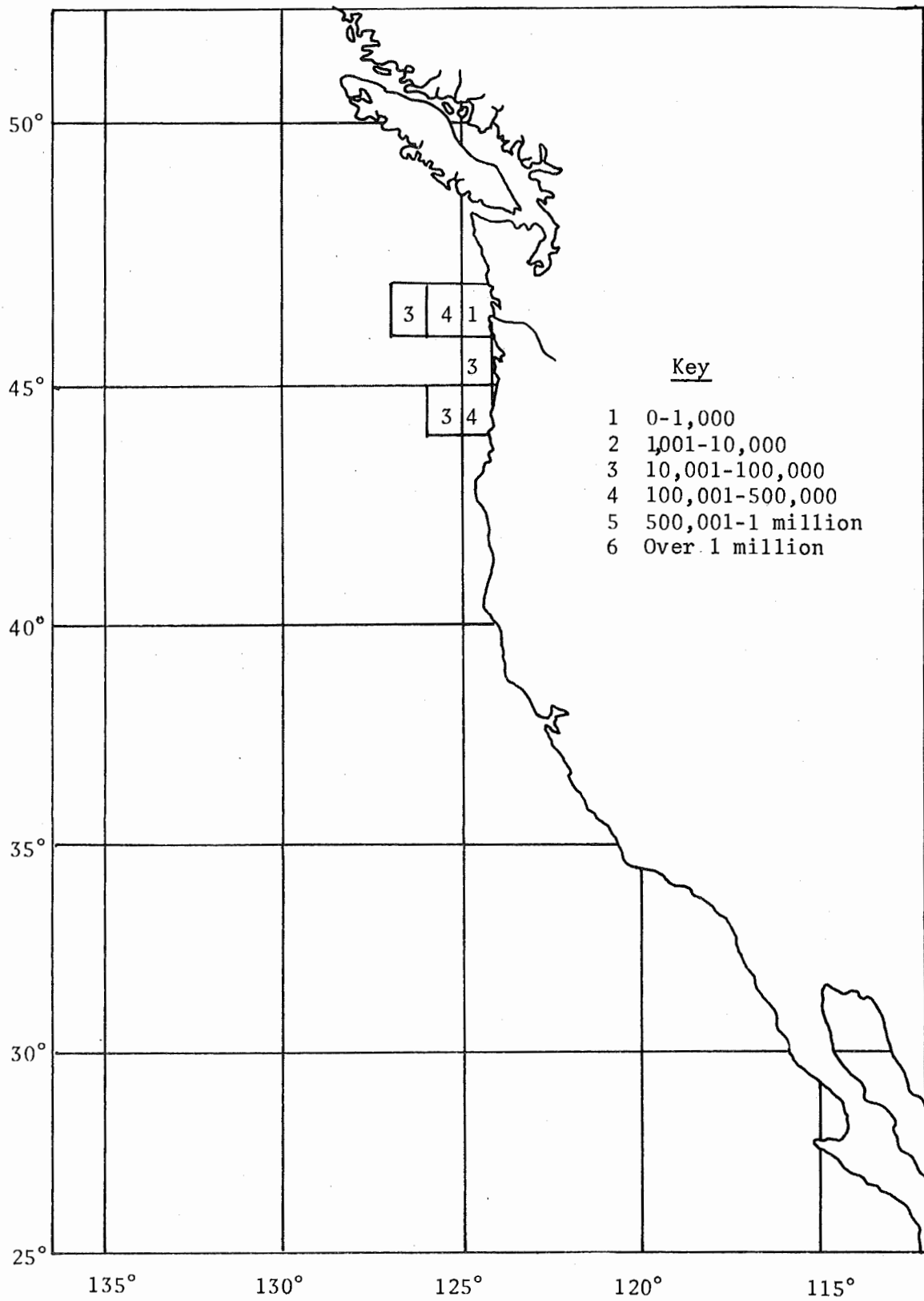


Figure 4. Catch Localities for Pacific Albacore, October 1968

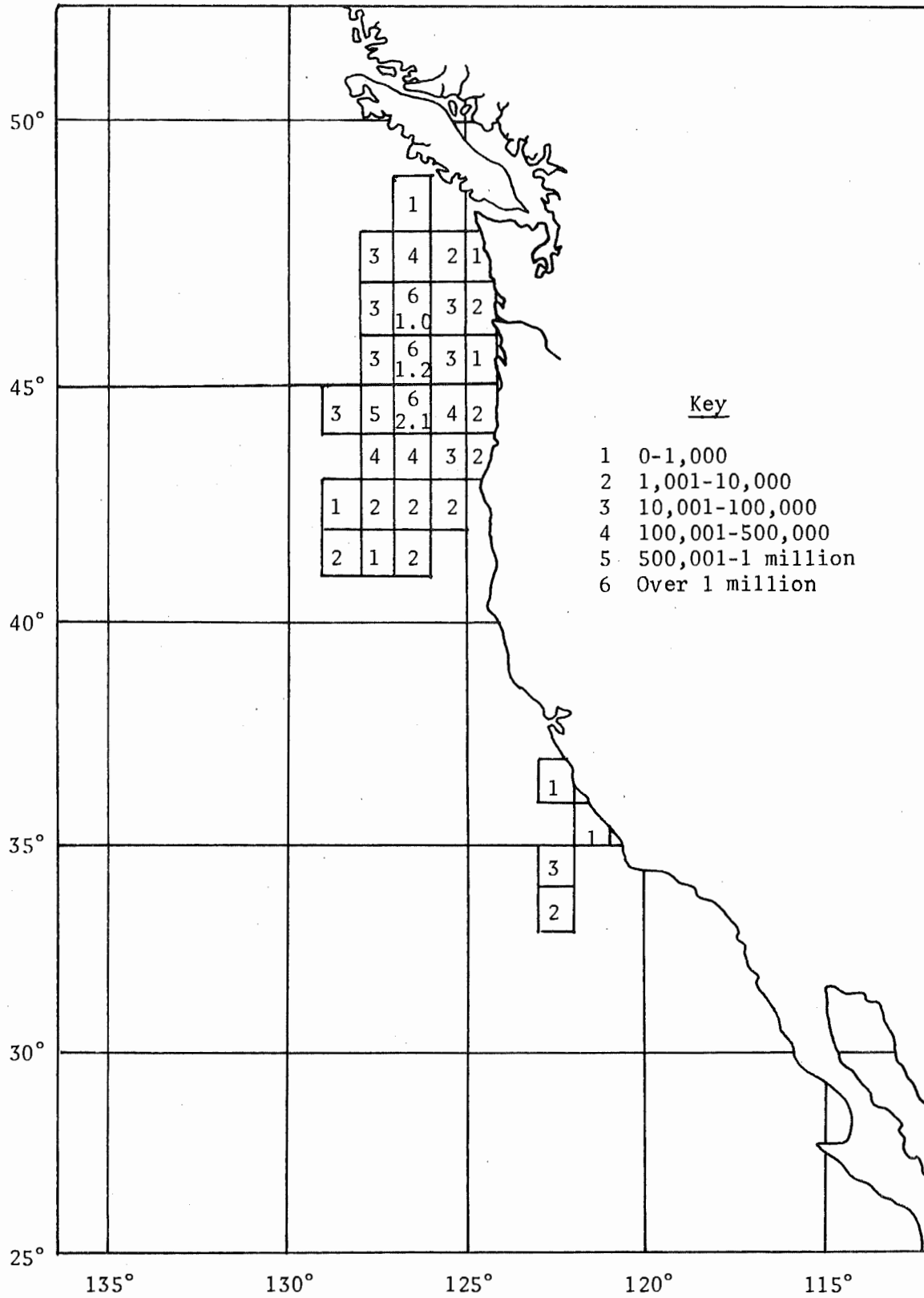


Figure 5. Catch Localities for Pacific Albacore, July 1969

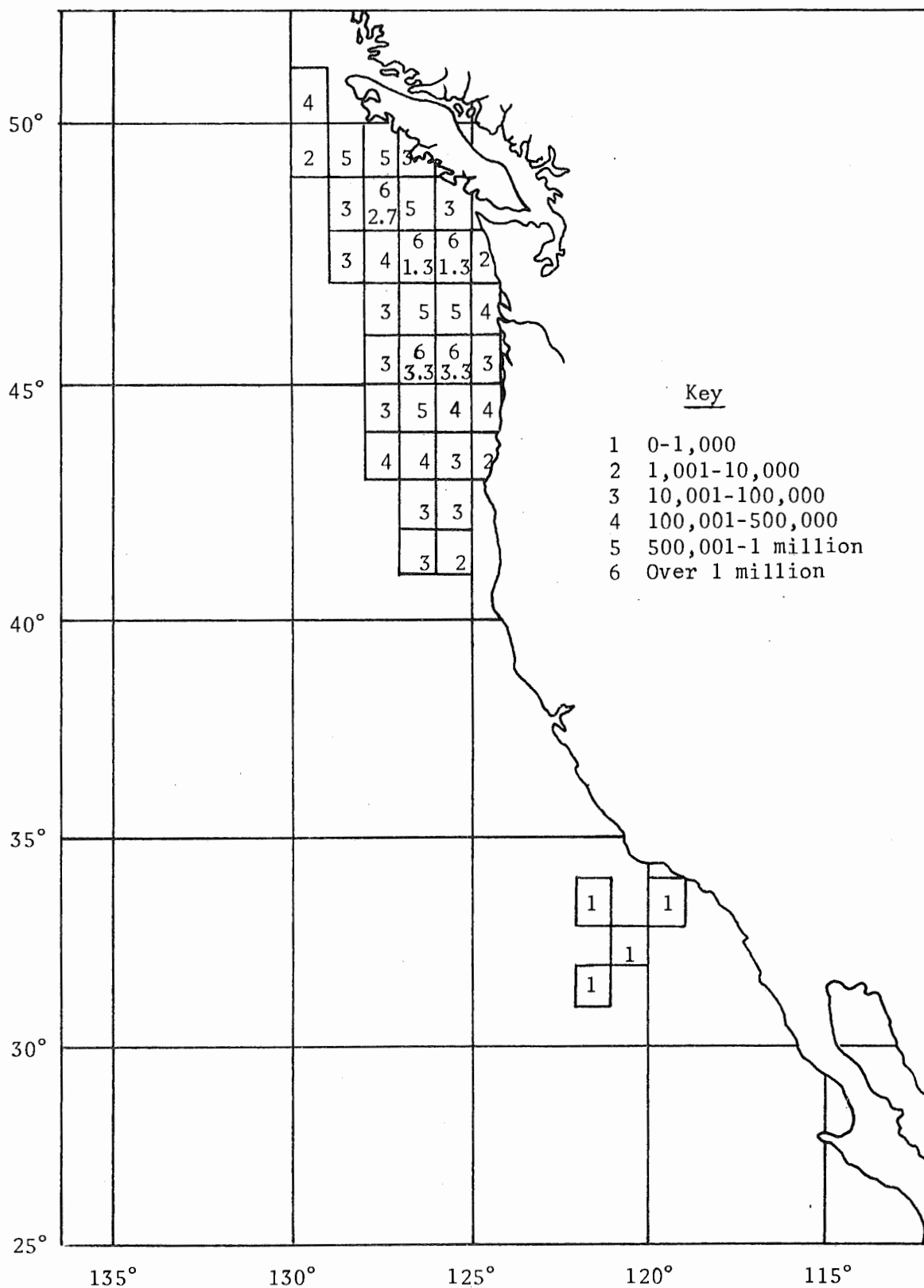


Figure 6. Catch Localities for Pacific Albacore, August 1969



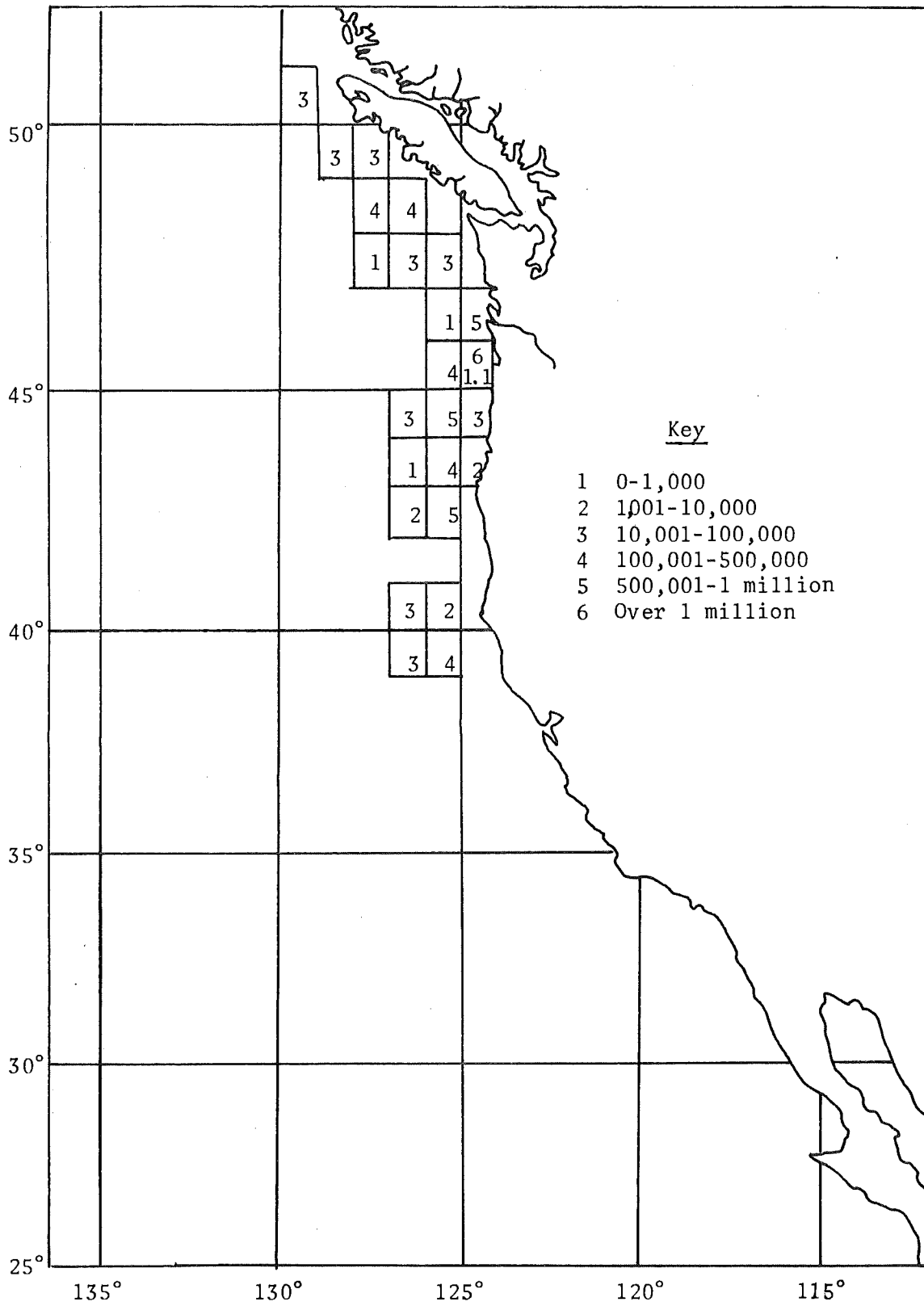


Figure 7. Catch Localities for Pacific Albacore, September 1969

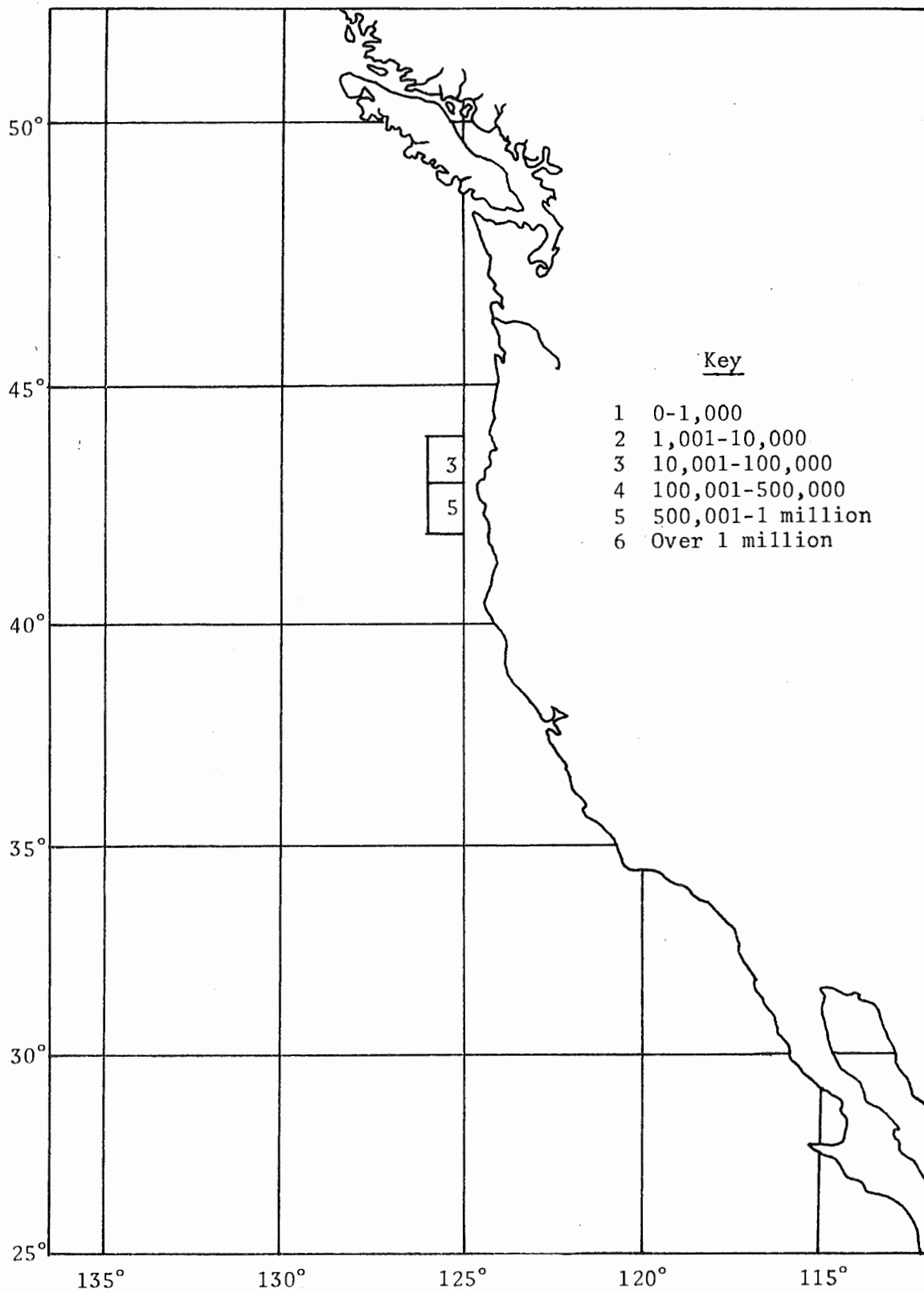


Figure 8. Catch Localities for Pacific Albacore,  
October 1969

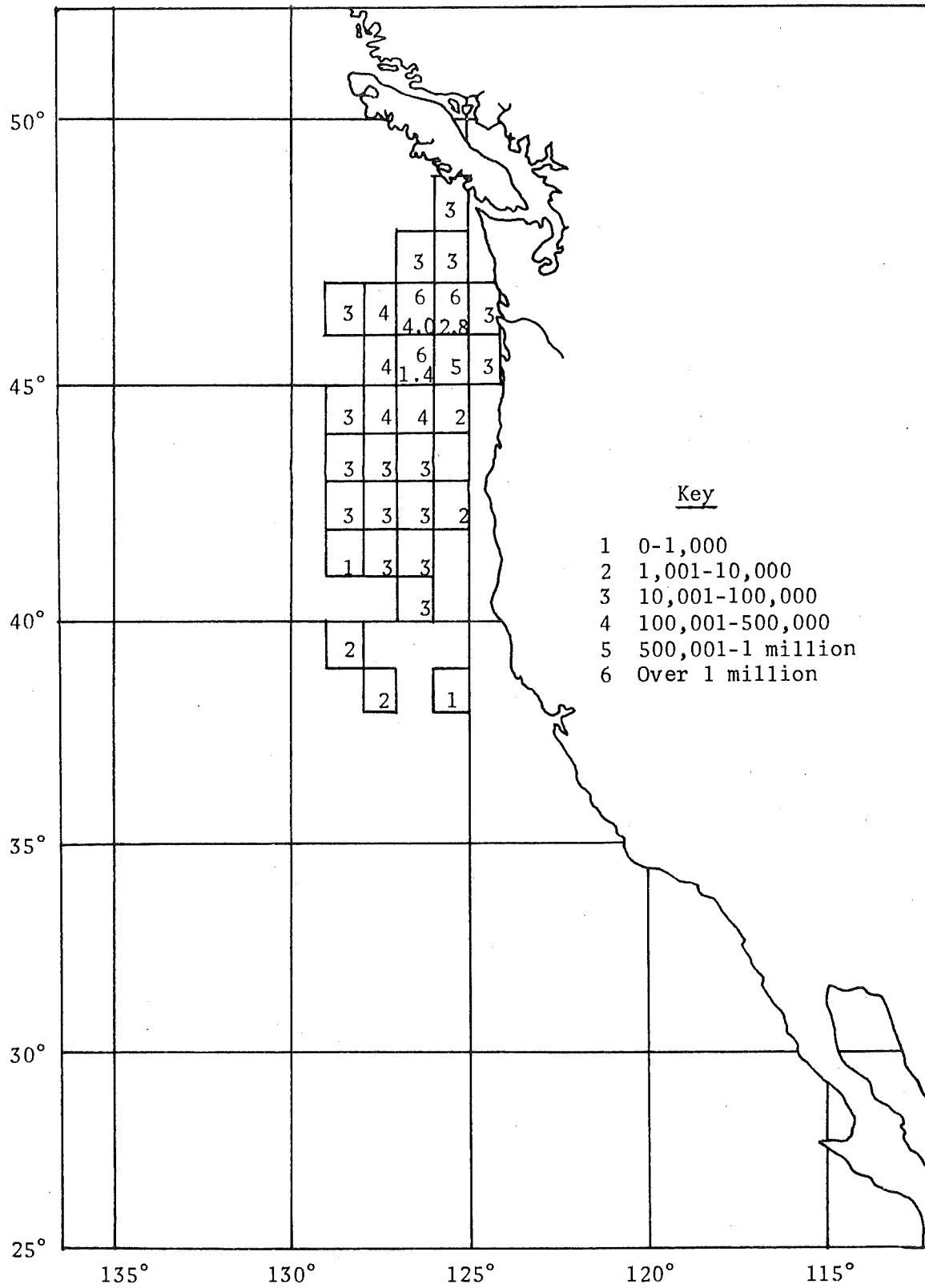


Figure 9. Catch Localities for Pacific Albacore, July 1970

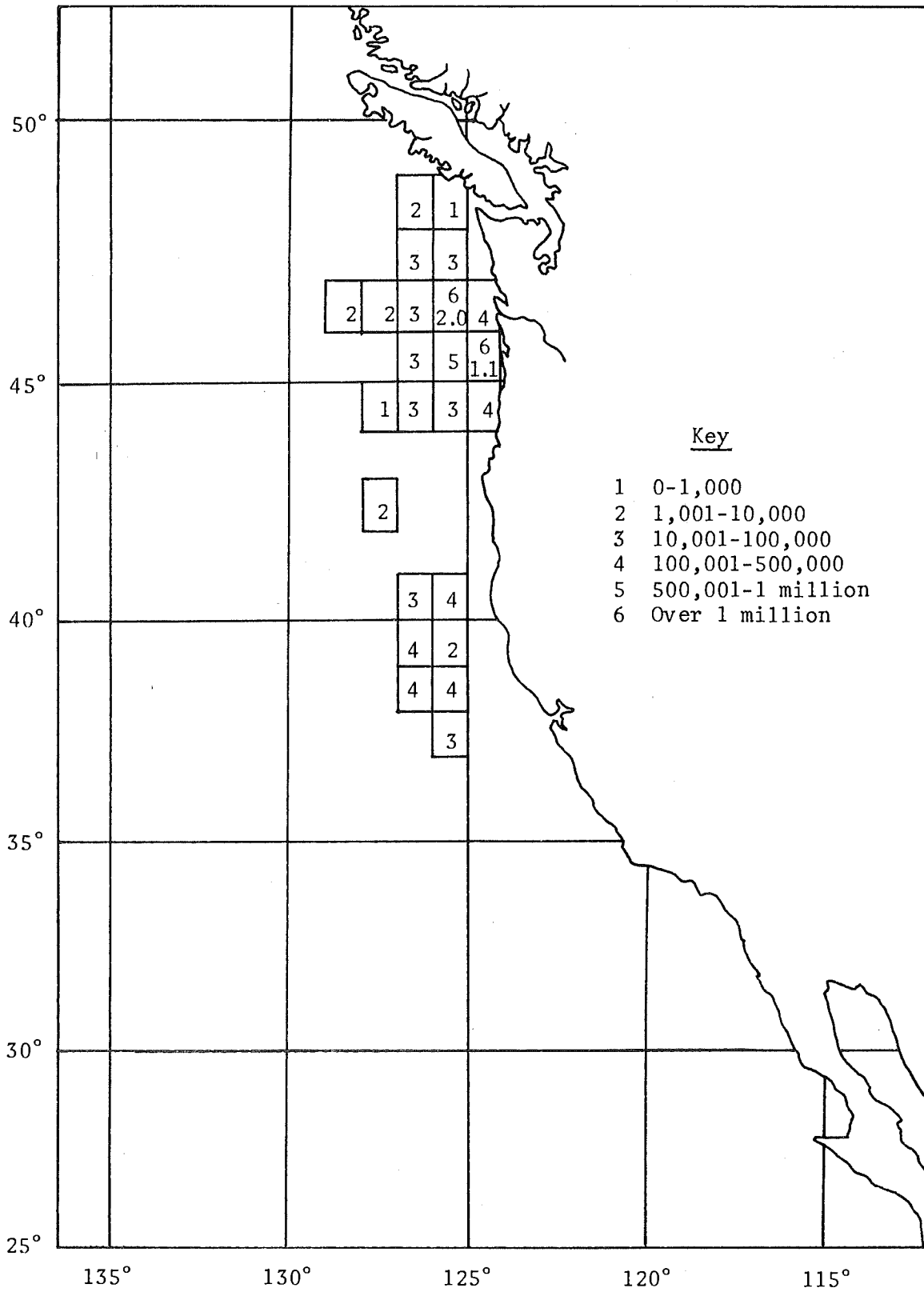


Figure 10. Catch Localities for Pacific Albacore, August 1970.

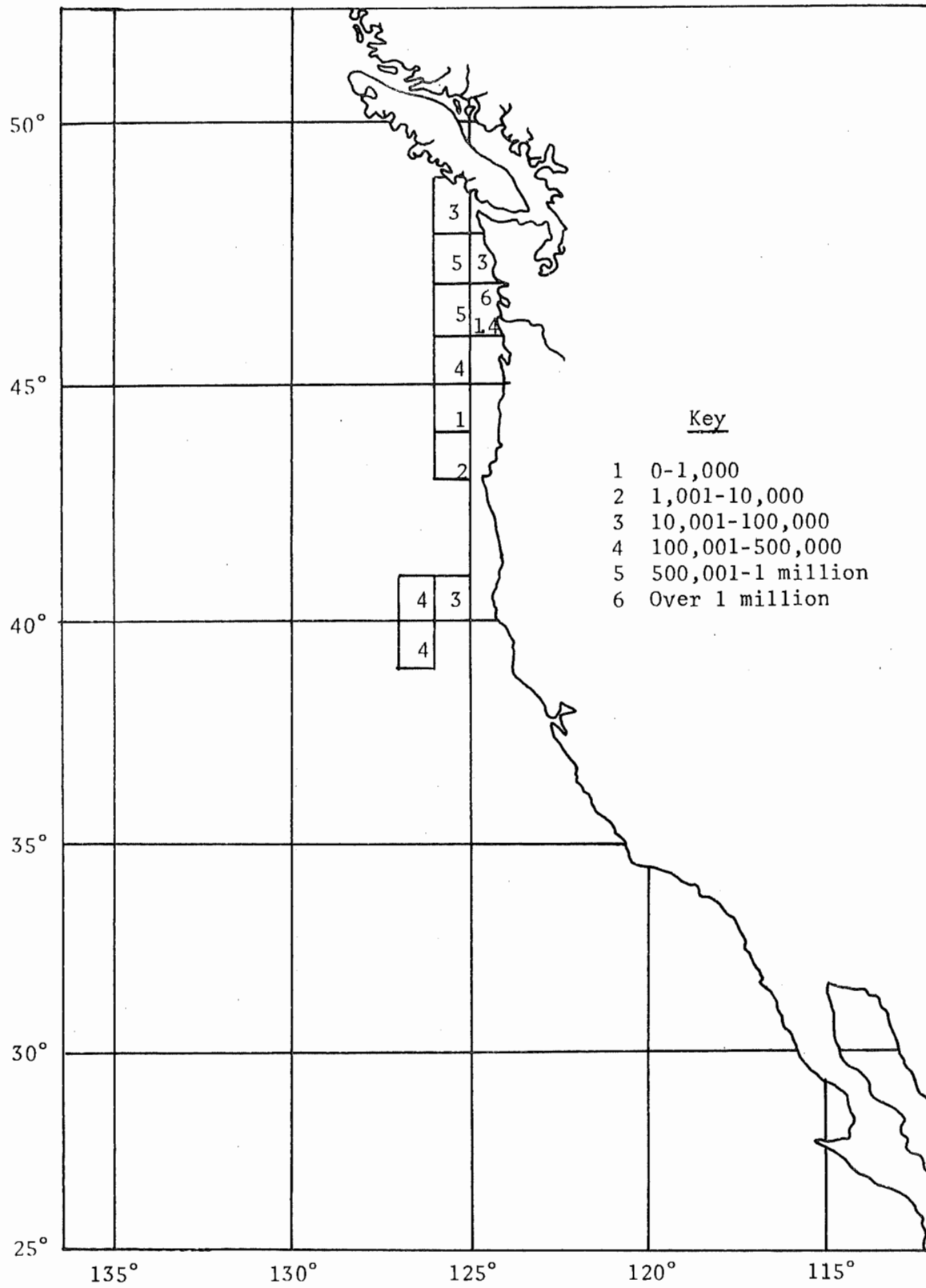


Figure 11. Catch Localities for Pacific Albacore, September 1970

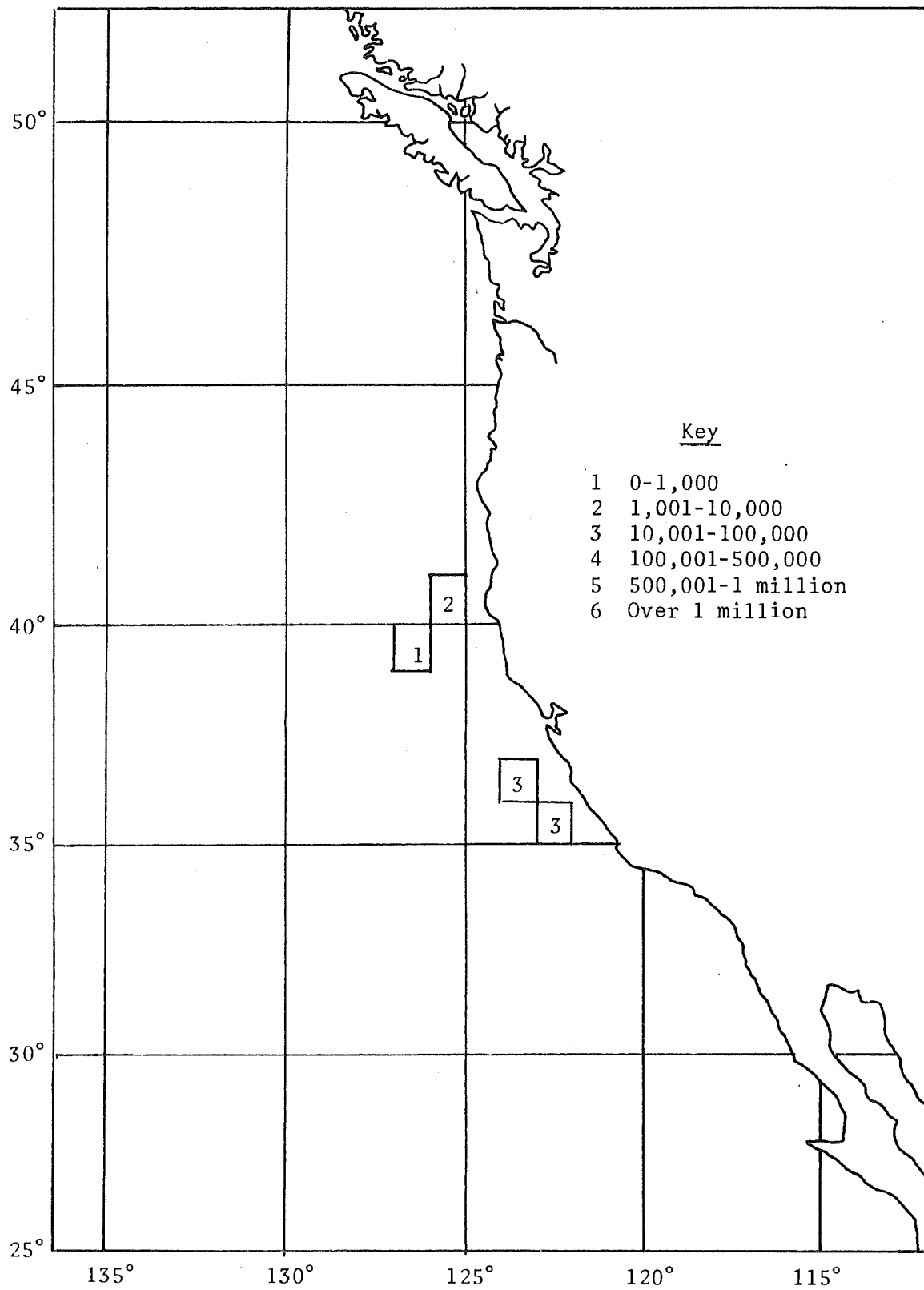


Figure 12. Catch Localities for Pacific Albacore,  
October 1970

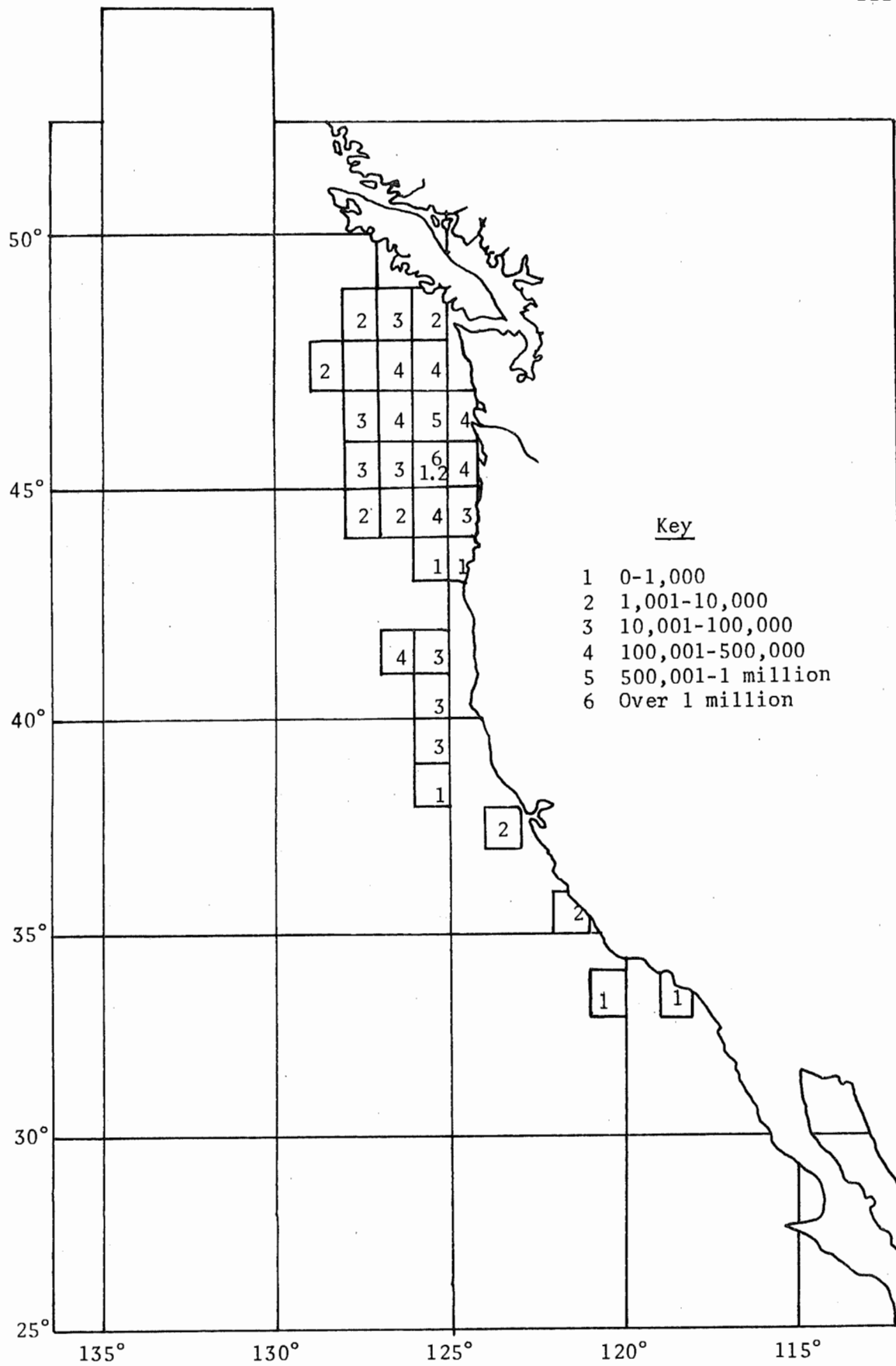


Figure 13. Catch Localities for Pacific Albacore, July 1971

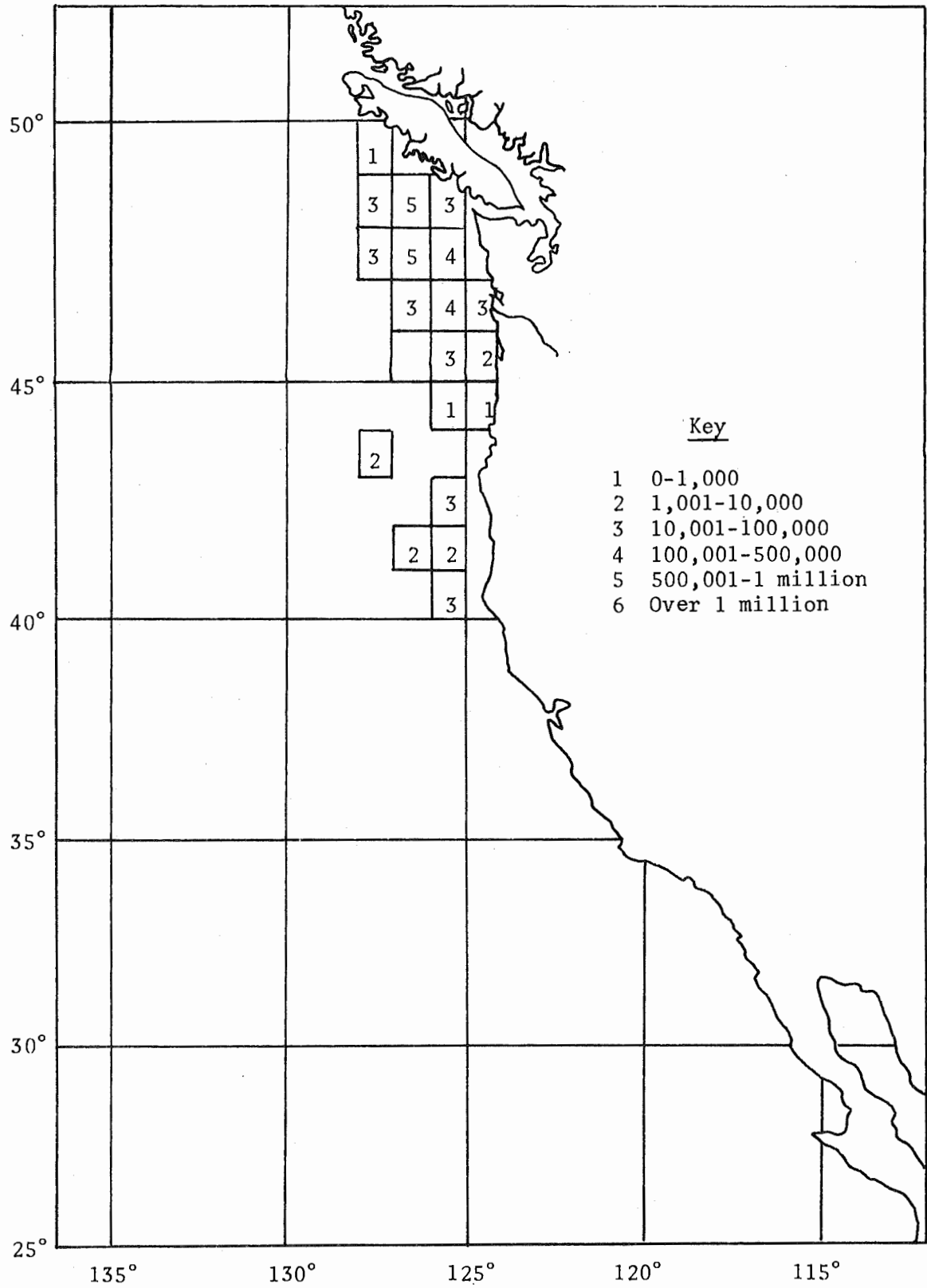


Figure 14. Catch Localities for Pacific Albacore, August 1971



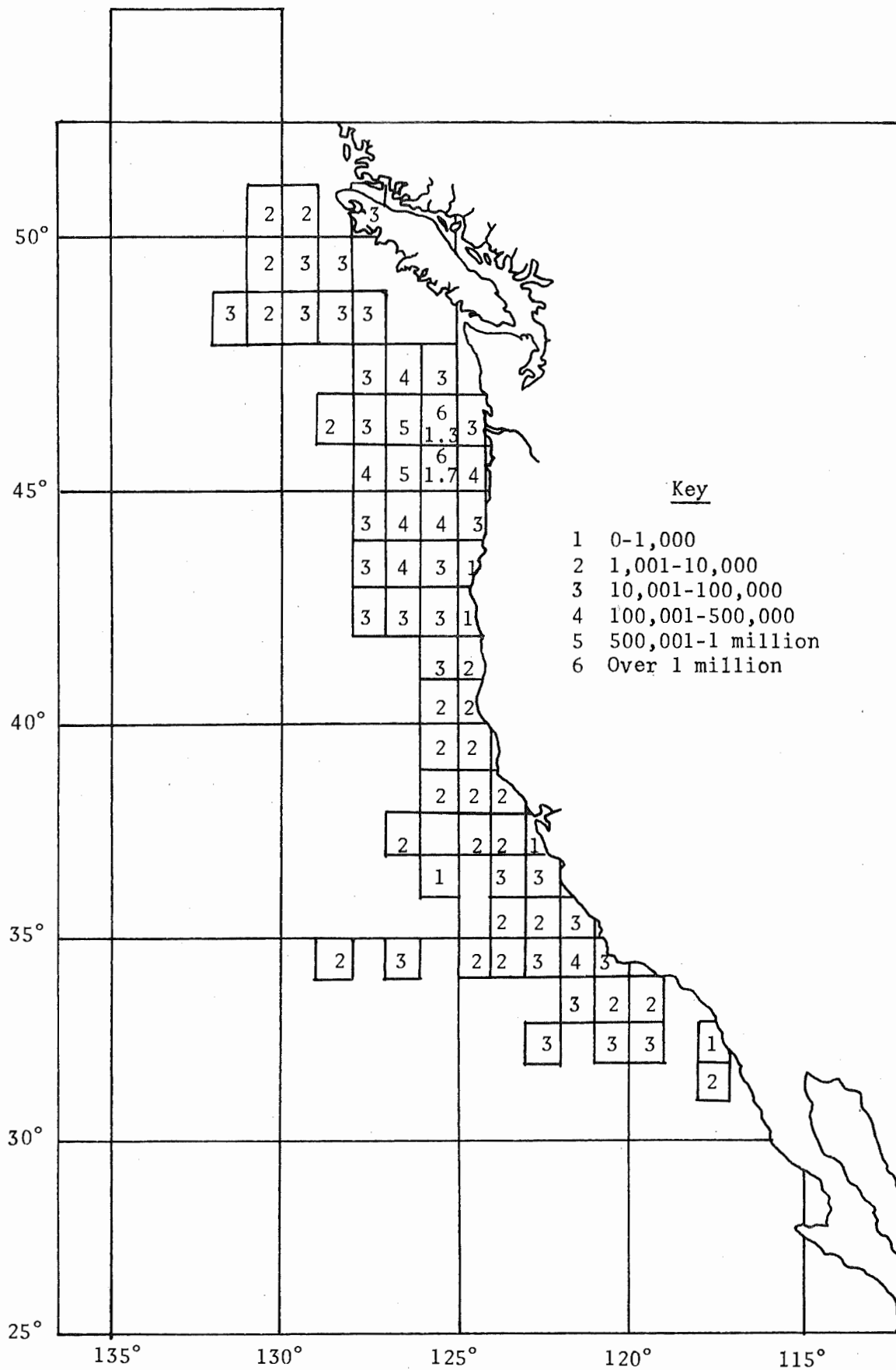


Figure 15. Catch Localities for Pacific Albacore, July 1972

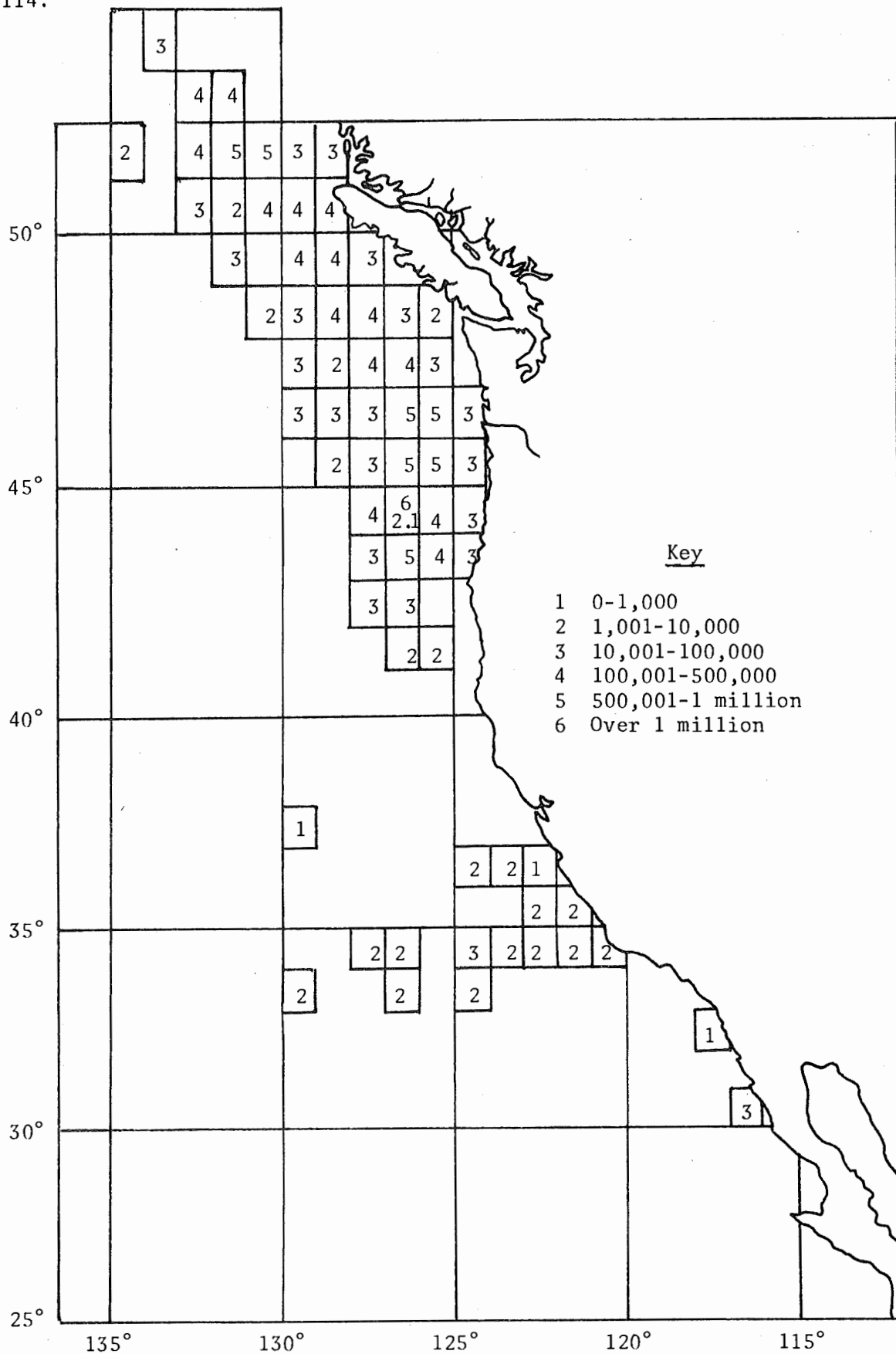


Figure 16. Catch Localities for Pacific Albacore, August 1972

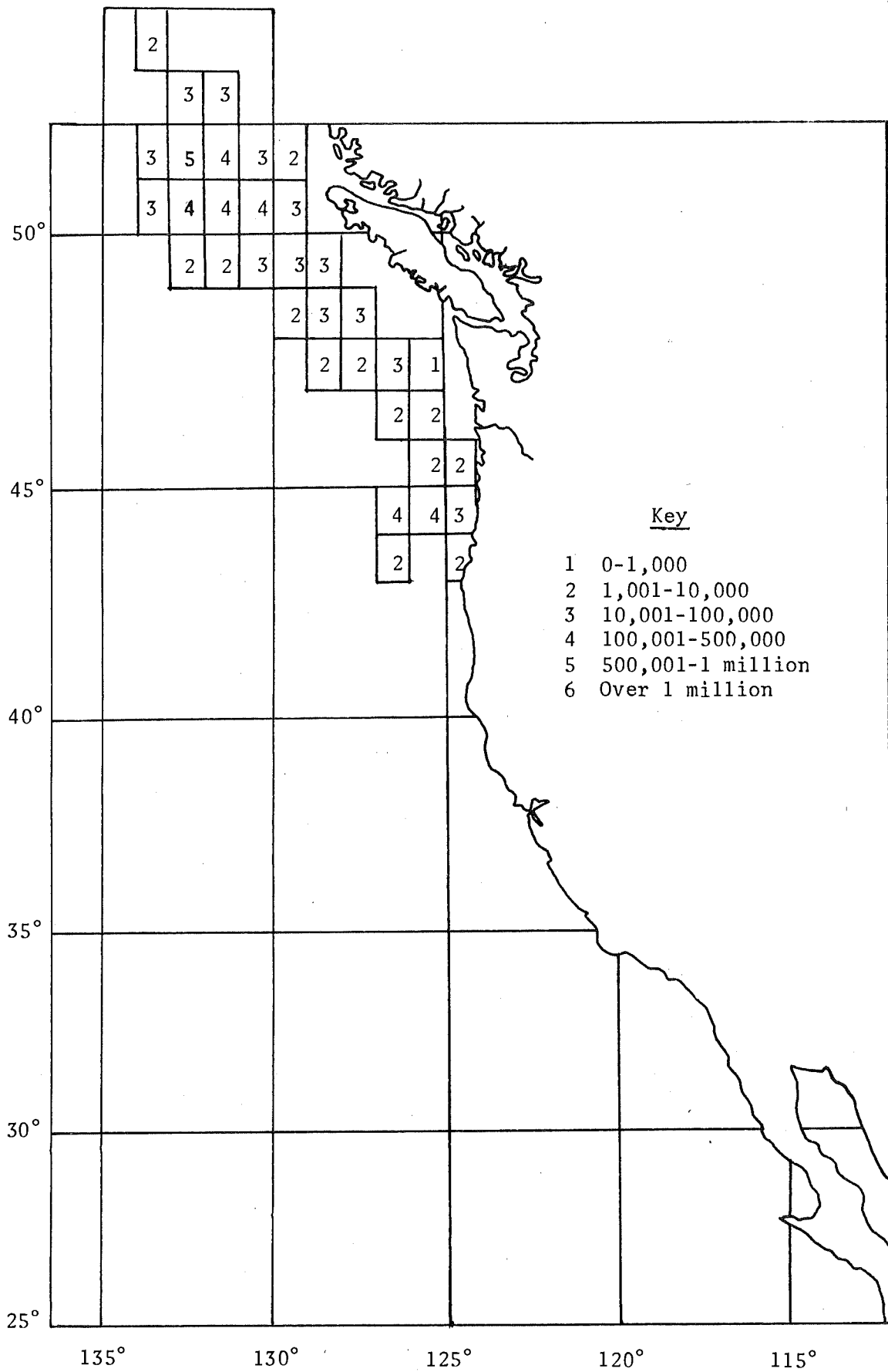


Figure 17. Catch Localities for Pacific Albacore, September 1972

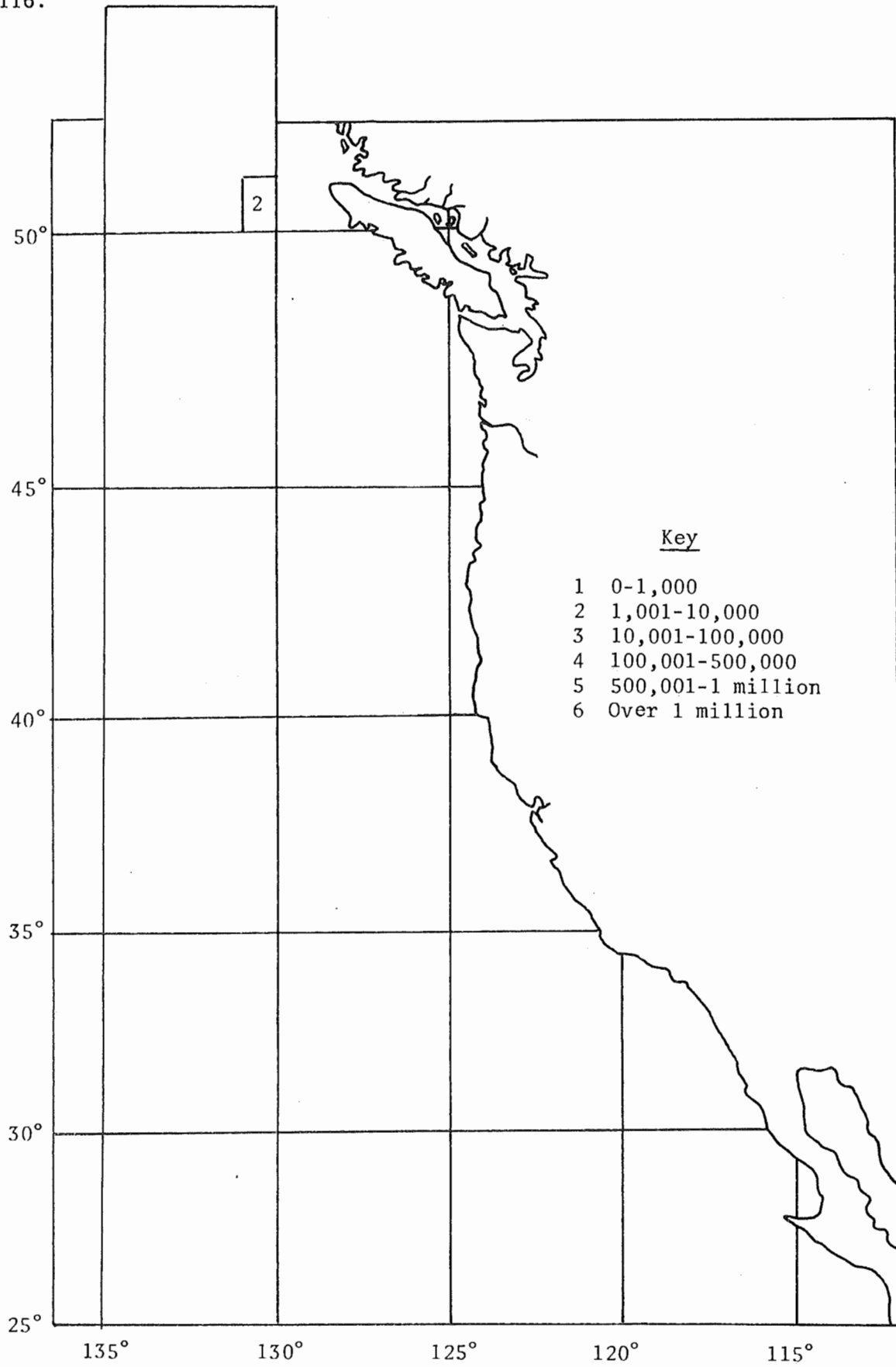


Figure 18. Catch Localities for Pacific Albacore, October 1972

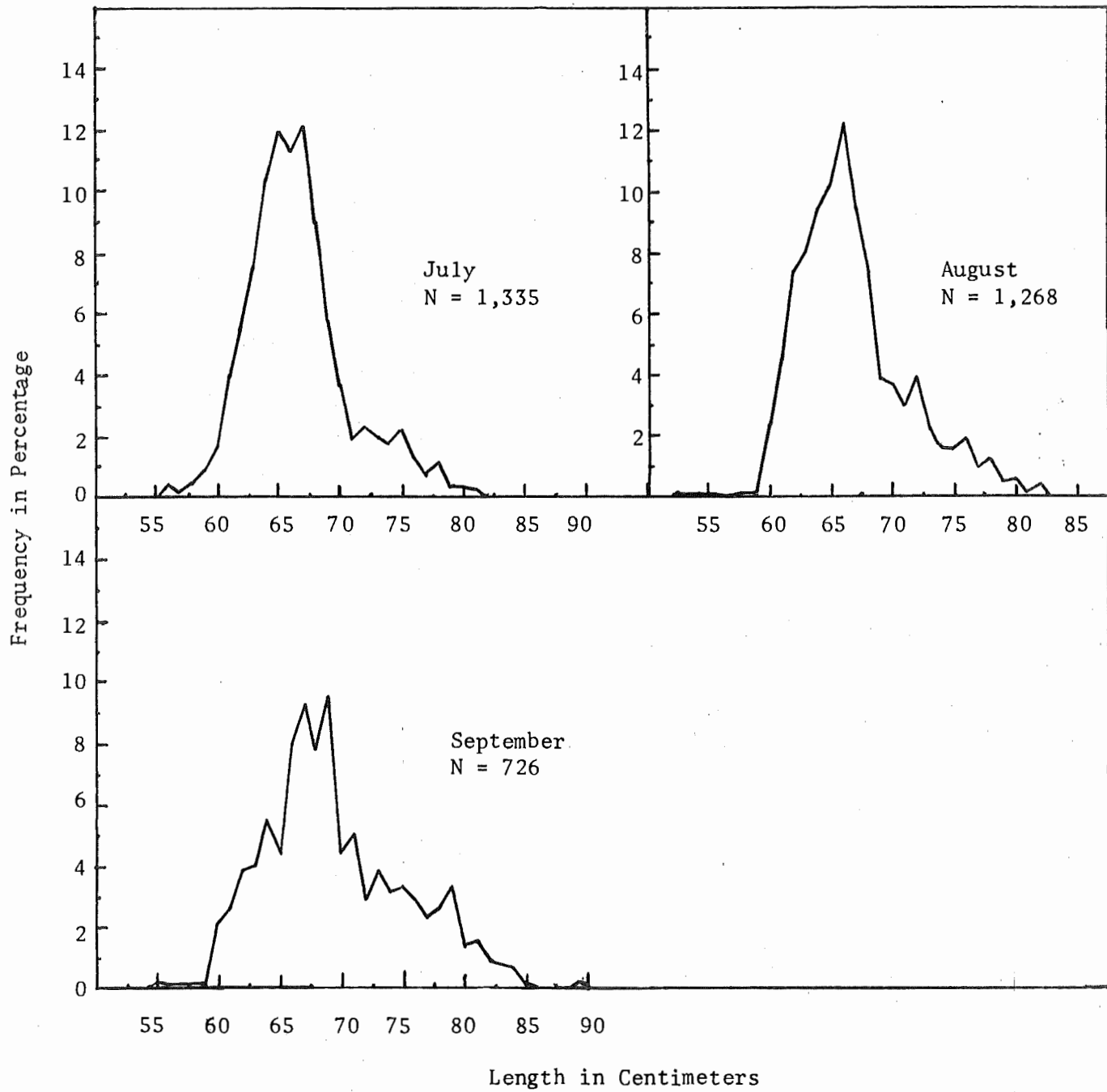


Figure 19. Albacore Length-Frequency Distribution by Month, 1968

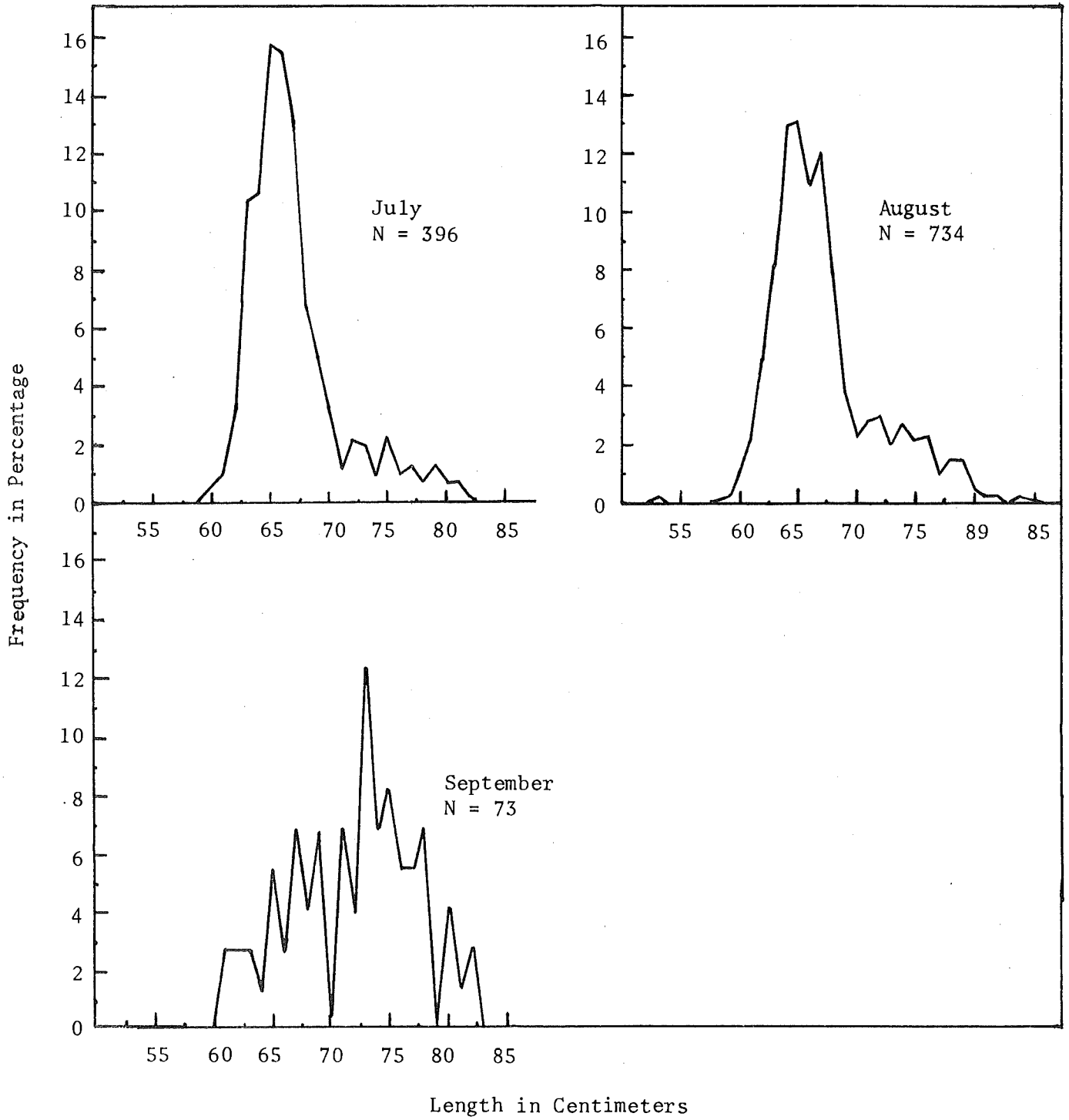


Figure 20. Albacore Length Frequency Distribution by Month, 1969

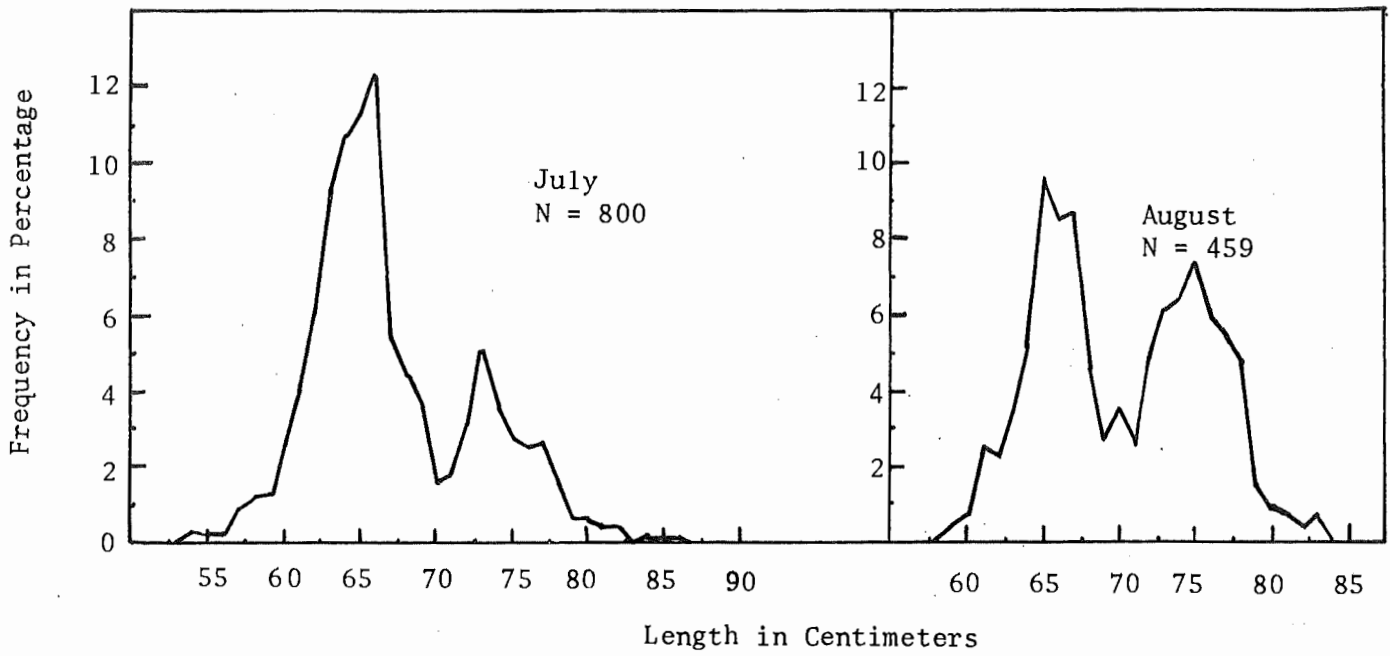


Figure 21. Albacore Length-Frequency Distribution by Month, 1970

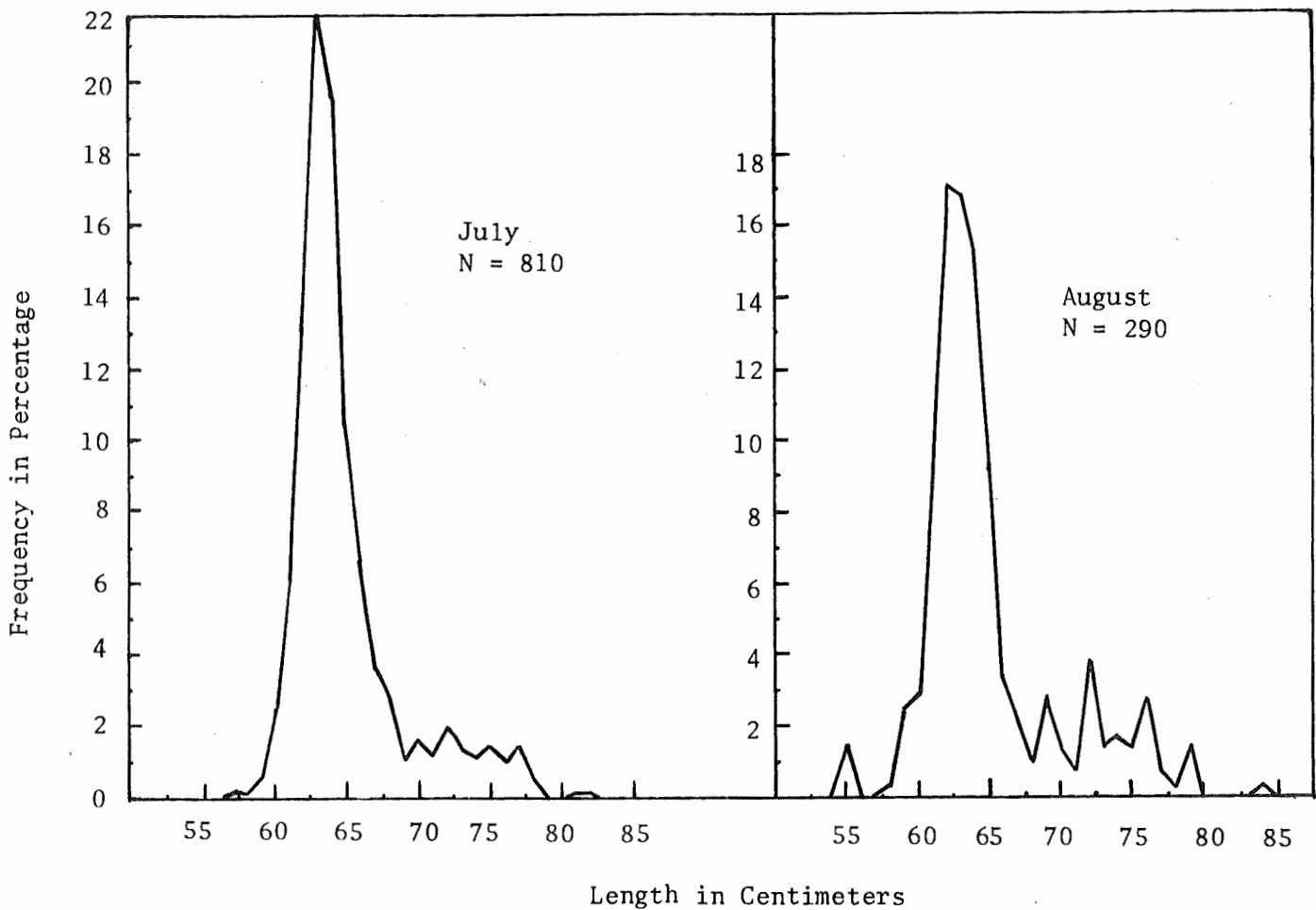


Figure 22. Albacore Length-Frequency Distribution by Month, 1971

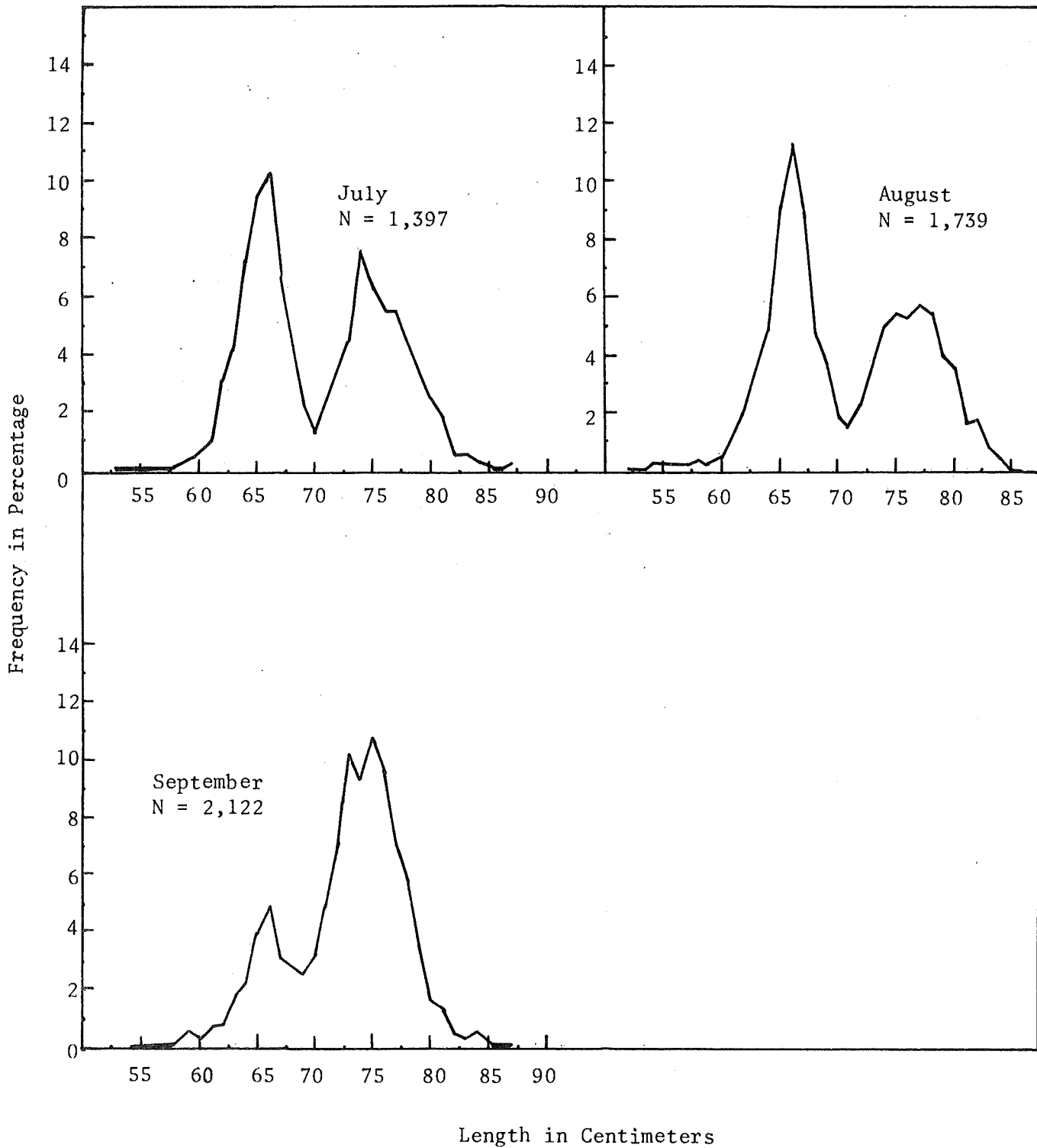


Figure 23. Albacore Length-Frequency Distribution by Month, 1972