

FISH COMMISSION OF OREGON
DATA REPORT SERIES

OREGON ALBACORE TUNA FISHERY STATISTICS, 1961-67

**JAMES M. MEEHAN
AND
LARRY H. HREHA**

REPORT NUMBER 1

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DATA REPORT SERIES

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STATISTICS, 1961-67

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Data Report No. 1

Fish Commission of Oregon
Research Division
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OREGON ALBACORE TUNA FISHERY
STATISTICS, 1961-67

INTRODUCTION

This report is a compilation of catch and fishing-effort by area and length-frequency data for Oregon albacore (Thunnus alalunga) landings for 1961 through 1967 and is a continuation of previously published information (Ayers and Meehan, 1963). The collection and compilation of these data were carried out as a routine part of the state research program on marine fisheries.

SOURCES OF INFORMATION

The catch locality and fishing-effort data presented here were collected by interviewing fishermen engaged in the albacore fishery. Boat logs were copied or standard questions asked concerning the locality of catch and fishing effort, usually during the unloading operation. Samples of the fish were then measured to determine the size composition. Table 1 shows the intensity of sampling for the years 1961-67. The total pounds of fish caught, pounds caught for which interviews were obtained, and the percent of the total 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 Oregon Fish Commission IBM poundage records.

METHODS

The statistical areas used in this report are the same used by Ayers and Meehan, 1963, and are a modification of the system used by the Inter-American

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Tropical Tuna Commission (Schaefer, 1953) and California Department of Fish and Game (Clemens, 1955). The Northeastern Pacific is divided into blocks by one-degree divisions of longitude and latitude. The blocks are designated by the longitude and latitude of the southeast corner of each block.

Due to differences in fishing habits, landing interview data at one port could not be used to assign the landings for any other port (such as using Astoria interview information to assign area of catch for Newport or Coos Bay landings). For this reason, assignment could not be made for any port during a month when no sampling occurred. This accounts for the differences between the total pounds landed in Table 1 and the totals for tables 4-10. All figures and tables in this report except those in Table 2 are based on month of catch rather than month of landing which accounts for differences between tables 1 and 2. Table 3 shows the percentage of the total catch that could be assigned to one-degree blocks.

Catch locality and fishing effort data were taken directly from fishermen interviews. Information collected during the interviews included: date of landing, area fished each day, number of albacore caught each day, number of days fished, and the total pounds landed.

The area fished each day, usually recorded in the form of several Loran bearings, was plotted by longitude and latitude and assigned to the one-degree block in which it occurred. The total pounds caught per month were then prorated to the one-degree areas from the interview assignments. Total numbers were calculated for each area by dividing the total pounds assigned by the average weight per fish per month per one-degree areas. The average weight figure was calculated from the interviews by dividing pounds landed by numbers caught. Days fished per area were calculated in a similar manner using total and sampled pounds and the number of days fished per area from the interviews.

CATCH LOCALITIES

In tables 4-10 are listed the calculated total catch of albacore by one-degree blocks by month of catch, port of landing, and method of fishing for the years 1961-67. Five entries are made for each block in which fishing was conducted: the calculated total number of fish caught; the calculated total pounds of fish caught; the calculated total number of days fished; and, in parentheses, the average number and pounds caught per day. Figures 1-28 are pictorial presentations of tables 4-10 and include only those pounds for which assignment has been made.

The major portion of albacore landed in Oregon are caught by trolling lures at or near the surface (jig boats). However, substantial landings were made by boats using live bait and the pole and line method (bait boats) during the 1966 and 67 seasons.

SIZE COMPOSITION

Length-frequency samples to measure the size composition of the catches were usually taken in conjunction with interviews. Fork length was measured to the nearest lower centimeter with large calipers. Tables 11-36 list the length-frequency data collected by month and port for the years 1961, 62, 63, 65, 66, and 67. No length-frequency samples were taken in 1964 because of lack of manpower. The samples have been assigned to one-degree blocks of catch when this information was known. When the exact area of catch was unknown samples have been designated as being caught north or south of 40° north latitude (Tables 11 and 14). Tables 31, 32, and 33 contain length-frequencies taken at sea. Length-frequencies were collected only in Astoria in 1962, 63, and 65. The size composition at all ports where samples were collected in 1961 and 1966 were similar. Table 37 lists the length-frequency distribution in percent

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by month and year, grouping all areas and ports. Figures 29 through 34 are graphical presentations of these data.

The length-frequency distributions show the annual appearance of 1, 2, or 3 size groups in Oregon landings. In 1961, large fish dominated the catch (75-80 cm) although smaller fish (65-67 cm) were present in lesser numbers throughout the season. The 63-65 cm size group dominated the 1962 season and few fish of other sizes were taken. The 1963 season was again dominated by the 63-65 cm size group with a small amount of 75-76 cm size fish being taken through the season. There were no samples taken in 1964. The 1965 season's catch was composed of 63-65 cm size group fish in July and August with the September fish showing a bi-modal distribution at 66 cm and 75 cm. In 1966, the 65 cm group again dominated in July and August with a small number of 76 cm fish in August. In September, the majority of the fish were 78 cm. Since the fishery depends on only one or two size groups, it fluctuates widely when there is variable recruitment into the fishery, because there are no other size groups to compensate for the loss of one of these groups.

SEASONAL DISTRIBUTION OF CATCHES

The albacore fishery off the Oregon coast normally starts during July and continues through September. During some years, good catches are made in October but usually fish landed in October and November are caught off the California coast. The majority of the albacore landed in Oregon in 1961-67 have been caught during August and September between 30° and 48° north latitude and east of 128° west longitude.

In 1961 the July catch was small. August produced good catches for a few days in mid month off central Oregon but the success was short lived. In mid-September, very good catches were made southwest of Cape Blanco. In late

September, the fish appeared to be moving north but bad weather hampered the fleet. Fishing ceased off Oregon in early October.

The 1962 season started slowly off the Oregon coast but improved rapidly late in July. Best catches were made 60 to 100 miles off Astoria and Grays Harbor. The catches during August were excellent with the center of activity shifting from Astoria to the Cape Blanco area as the month progressed. Fish were scattered all along the Oregon coast in September with the best catches occurring off Cape Blanco and northern California. Fishing off Oregon ended in early October but landings continued through November from boats fishing off California.

The 1963 albacore fishery was unproductive until early August when good catches were made in an area from Cascade Head to the Columbia River. During late August, a fishery developed in the area off Eureka and continued through mid-September. In late September, a fishery developed off Newport but dropped off in early October when fishing ceased off Oregon.

The 1964 Oregon albacore fishery was very slow throughout the season. Good salmon fishing and a lower than average price for albacore resulted in few local boats rigging for tuna. The albacore, while present off the southern Oregon coast during August, were scattered over a large area. Through mid-September, albacore were found off the northern coast but remained scattered and only moderate catches were made.

In 1965 the Oregon fishery began later and farther north than usual. From early August through September excellent catches were made 80 to 120 miles offshore between Newport, Oregon, and Destruction Island, Washington. The season ended by mid-October.

The 1966 season got started by mid July and excellent catches were made from Cape Blanco to Newport through July, from 40 to 120 miles offshore. Fishing continued excellent through August with concentrations of fish spreading northward to Destruction Island. Early in September fishing success

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dropped off rapidly in Oregon waters. The majority of the fleet moved south to Cape Mendocino, where success was good. However, in late September good catches were made off the Columbia River and Grays Harbor, Washington. The season again ended off Oregon by mid-October.

The 1967 season started about mid-July with excellent catches from the Coos Bay to Newport area from 50 to 120 miles offshore. Fishing remained excellent through August with concentrations moving northward to Grays Harbor, Washington. The best catches were from the Columbia River to Cape Blanco from 40 to 80 miles offshore in the north and from 50 to 160 miles offshore in the south. In September fishing dropped off early in the month and many boats moved south to the Cape Mendocino area where success was good. Success in the south was short lived and the area around the Columbia River again produced excellent catches during the last half of September. Fishing success tapered off rapidly in October and by mid-month the season was over.

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- Clemens, H. B. 1955. Catch Localities for Pacific Albacore (Thunnus germo) Landed in California, 1951 through 1953. Cal. Dept. of Fish and Game, Fish Bull. 100:1-28.
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Table 1
Sampling Intensity for the Oregon Albacore Fishery, 1961-67.

Assigned Month	Total Catch (pounds)	Pounds Sampled	Percentage Catch Sampled
<u>1961:</u>			
July	114,318	64,251	56.2
August	1,263,493	645,796	51.1
September	1,329,760	537,198	40.4
October	538,566	18,732	3.5
November	<u>3,626</u>	<u>0</u>	0.0
TOTAL	3,249,763	1,265,977	39.0
<u>1962:</u>			
July	293,196	32,416	11.1
August	5,095,384	2,212,650	43.4
September	2,381,908	876,881	36.8
October	1,165,631	633,307	54.3
December	<u>13,369</u>	<u>0</u>	0.0
TOTAL	8,949,488	3,755,254	42.0
<u>1963:</u>			
July	478,028	298,607	62.5
August	6,246,875	2,781,223	44.5
September	3,246,598	922,817	28.4
October	1,376,027	87,396	6.4
November	44,917	0	0.0
December	<u>7,084</u>	<u>0</u>	0.0
TOTAL	11,399,529	4,090,043	35.9

Table 1 (Continued)

Assigned Month	Total Catch (pounds)	Pounds Sampled	Percentage Catch Sampled
<u>1964:</u>			
July	132,368	24,688	18.7
August	1,726,348	347,397	20.1
September	2,001,095	392,377	19.6
October	577,677	49,337	8.5
November	<u>14,522</u>	<u>0</u>	0.0
TOTAL	4,452,000	813,799	18.3
<u>1965:</u>			
July	216,924	137,887	63.6
August	6,820,265	3,045,468	44.6
September	4,328,449	1,098,719	25.4
October	721,263	79,679	11.0
November	33,340	0	0.0
December	<u>2,193</u>	<u>0</u>	0.0
TOTAL	12,122,434	4,361,770	36.0
<u>1966:</u>			
July	3,531,312	873,034	24.7
August	9,643,430	2,631,835	27.3
September	3,151,428	509,820	16.2
October	1,677,806	197,849	11.8
November	<u>36,638</u>	<u>0</u>	0.0
TOTAL	18,040,614	4,212,538	23.4

Table 1 (Continued)

Assigned Month	Total Catch (pounds)	Pounds Sampled	Percentage Catch Sampled
1967:			
July	4,057,780	891,646	22.0
August	13,360,577	3,135,146	23.5
September	11,504,727	2,097,006	18.2
October	316,688	18,886	6.0
November	<u>2,924</u>	<u>0</u>	0.0
TOTAL	29,242,696	6,142,684	21.0

Table 2
Oregon Albacore Landings by Year, Month, and Port, 1961-67
1961

Port	Month					Total
	July	August	September	October	November	
ASTORIA						
Pounds	20,865	562,653	448,768	438,381		1,470,667
No. of landings	9	55	43	36		143
NEWPORT						
Pounds	1,744	84,443	214,355	706	3,626	304,874
No. of landings	1	17	25	1	1	45
FLORENCE						
Pounds	441	601				1,042
No. of landings	1	1				2
COOS BAY						
Pounds		510,555	728,665	97,241		1,336,461
No. of landings		47	95	56		198
PACIFIC OCEAN						
Pounds			234			234
No. of landings			1			1
GOLD BEACH						
Pounds			226			226
No. of landings			1			1
BROOKINGS						
Pounds		30,139	103,882	2,238		136,259
No. of landings		10	37	4		51
TOTAL						
Pounds	23,050	1,188,391	1,496,130	538,566	3,626	3,249,763
No. of landings	11	130	202	97	1	441

Table 2 (Continued)
1962

Port	Month						Total
	July	August	September	October	November	January 1963	
ASTORIA							
Pounds	20,379	2,515,538	1,949,248	1,315,572	103,495	13,304	5,917,536
No. of landings	12	254	108	66	10	1	451
TILLAMOOK							
Pounds	290	50,266					50,556
No. of landings	4	35					39
DEPOE BAY							
Pounds		6,054					6,054
No. of landings		9					9
NEWPORT							
Pounds	6,717	916,984	241,195	26,208			1,191,104
No. of landings	9	211	43	6			269
FLORENCE							
Pounds		68,006	11,550				79,556
No. of landings		25	5				30
WINCHESTER							
Pounds		1,544	1,178		82	65	2,869
No. of landings		4	6		1	1	12
COOS BAY							
Pounds	573	1,066,545	465,764	72,133			1,605,015
No. of landings	1	251	125	10			387
PACIFIC OCEAN							
Pounds	142	2,695	200				3,037
No. of landings	1	7	1				9

Table 2 (Continued)
1962

Port	Month						Total
	July	August	September	October	November	January 1963	
PORT ORFORD							
Pounds		3,624					3,624
No. of landings		5					5
NESTUCCA							
Pounds		225					225
No. of landings		1					1
ROGUE RIVER							
Pounds		10					10
No. of landings		1					1
BROOKINGS							
Pounds		31,122	58,348	432			89,902
No. of landings		14	14	1			29
TOTAL							
Pounds	28,101	4,662,613	2,727,483	1,414,345	103,577	13,369	8,949,488
No. of landings	27	817	302	83	11	2	1,242

Table 2 (Continued)
1963

Port	Month						Total
	July	August	September	October	November	December	
ASTORIA							
Pounds	69,471	3,946,397	2,714,523	1,500,790	44,236	7,084	8,282,501
No. of landings	12	264	119	129	5	1	530
TILLAMOOK							
Pounds		1,978	344				2,322
No. of landings		4	2				6
DEPOE BAY							
Pounds			148				148
No. of landings			1				1
NEWPORT							
Pounds	2,606	1,126,752	822,077	306,306	681		2,258,422
No. of landings	5	181	186	73	1		446
FLORENCE							
Pounds		148,058	159,346	16,220			323,624
No. of landings		35	61	6			102
WINCHESTER							
Pounds		31,558	7,434				38,992
No. of landings		7	3				10
COOS BAY							
Pounds	3,520	180,189	209,452	12,119			405,280
No. of landings	5	30	57	6			98
PACIFIC OCEAN							
Pounds		2,172	451				2,623
No. of landings		5	3				8
BROOKINGS							
Pounds	500	8,412	76,705				85,617
No. of landings	1	4	22				27
TOTAL							
Pounds	76,097	5,445,516	3,990,480	1,835,435	44,917	7,084	11,399,529
No. of landings	23	530	454	214	6	1	1,228

Table 2 (Continued)
1964

Port	Month					Total
	July	August	September	October	November	
ASTORIA						
Pounds	8,630	543,212	1,681,778	1,155,248	19,141	3,408,009
No. of landings	1	65	174	109	5	354
TILLAMOOK						
Pounds		2,154	1,932			4,086
No. of landings		1	1			2
NEWPORT						
Pounds		125,754	102,577	56,663		284,994
No. of landings		32	25	14		71
FLORENCE						
Pounds			610			610
No. of landings			1			1
WINCHESTER						
Pounds			259			259
No. of landings			1			1
COOS BAY						
Pounds	30,525	364,045	269,309	16,253		680,132
No. of landings	4	65	54	4		127
BROOKINGS						
Pounds		31,410	39,730	1,015	1,755	73,910
No. of landings		17	15	5	1	38
TOTAL						
Pounds	39,155	1,066,575	2,096,195	1,229,179	20,896	4,452,000
No. of landings	5	180	271	132	6	594

Table 2 (Continued)
1965

Port	Month						Total
	July	August	September	October	November	December	
ASTORIA							
Pounds	3,618	1,899,208	5,277,985	2,232,293	242,599	2,193	9,657,896
No. of landings	2	123	504	218	19	1	867
TILLAMOOK							
Pounds		22,217	32,983				55,200
No. of landings		11	11				22
DEPOE BAY							
Pounds		1,791					1,791
No. of landings		3					3
NEWPORT							
Pounds	1,792	923,167	935,848	15,582	1,206		1,877,595
No. of landings	1	99	126	5	1		232
FLORENCE							
Pounds		28,488	190				28,678
No. of landings		6	2				8
WINCHESTER							
Pounds		1,840	1,037				2,877
No. of landings		1	1				2
COOS BAY							
Pounds		182,115	280,108	13,320			475,543
No. of landings		54	62	5			121
BROOKINGS							
Pounds	231	28	21,009				21,268
No. of landings	1	1	7				9
PACIFIC OCEAN							
Pounds		285	1,301				1,586
No. of landings		2	2				4
TOTAL							
Pounds	5,641	3,059,139	6,550,461	2,261,195	243,805	2,193	12,122,434
No. of landings	4	300	715	228	20	1	1,268

Table 2 (Continued)
1966

Port	Month					Total
	July	August	September	October	November	
ASTORIA						
Pounds	129,545	6,168,201	2,932,869	2,345,544	35,450	11,611,609
No. of landings	11	458	218	148	4	839
TILLAMOOK						
Pounds		6,047	809	594		7,450
No. of landings		10	2	1		13
DEPOE BAY						
Pounds		959	649	2,690		4,298
No. of landings		3	1	6		10
NEWPORT						
Pounds	327,326	2,557,045	205,151	186,260	1,188	3,276,970
No. of landings	62	363	54	43	1	523
FLORENCE						
Pounds		9,802				9,802
No. of landings		4				4
WINCHESTER						
Pounds	1,770	34,578				36,348
No. of landings	1	15				16
COOS BAY						
Pounds	176,635	2,586,332	233,667	95,019		3,091,653
No. of landings	65	408	34	13		520
BROOKINGS						
Pounds			2,434	50		2,484
No. of landings			1	1		2
TOTAL						
Pounds	635,276	11,362,964	3,375,579	2,630,157	36,638	18,040,614
No. of landings	139	1,261	310	212	5	1,927

Table 2 (Continued)
1967

Port	Month					Total
	July	August	September	October	November	
ASTORIA						
Pounds	158,265	6,195,844	7,527,592	2,885,393	2,924	16,770,018
No. of landings	15	446	422	219	2	1,104
TILLAMOOK						
Pounds		7,836	6,821			14,657
No. of landings		7	6			13
DEPOE BAY						
Pounds		1,013	21,187			22,200
No. of landings		1	8			9
NEWPORT						
Pounds	134,645	1,982,510	1,576,813	133,436		3,827,404
No. of landings	16	282	216	48		562
FLORENCE						
Pounds		14,043				14,043
No. of landings		2				2
WINCHESTER						
Pounds		2,675				2,675
No. of landings		2				2
COOS BAY						
Pounds	139,492	7,089,908	1,305,384	24,248		8,559,032
No. of landings	15	505	77	9		606
PORT ORFORD						
Pounds			984			984
No. of landings			2			2
BROOKINGS						
Pounds		2,808	26,358	2,517		31,683
No. of landings		1	5	1		7
TOTAL						
Pounds	432,402	15,296,637	10,465,139	3,045,594	2,924	29,242,696
No. of landings	46	1,246	736	277	2	2,307

Table 3
Percentage of the Total Oregon Albacore Landings
Assigned to One-Degree Blocks, 1961-67

Year	Percentage Assigned
1961	92.6
1962	66.0
1963	75.6
1964	91.2
1965	98.8
1966	90.6
1967	99.1

Table 4
Albacore Catches--1961

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>											
45-125	12 (4)	200 (67)	3	195 (21)	2,900 (322)	9						
45-126	122 (11)	2,100 (191)	11	7,214 (72)	116,800 (1,168)	100						
45-127				1,155 (89)	18,300 (1,408)	13						
46-125				159 (23)	2,400 (343)	7						
46-126				6,592 (67)	105,600 (1,078)	98						
46-127	0 (0)	0 (0)	2									
47-126				827 (55)	13,000 (867)	15						
48-126				814 (116)	12,700 (1,814)	7						
45-124	27 (14)	400 (200)	2									
40-125	131 (131)	1,700 (1,700)	1	544 (91)	8,700 (1,450)	6	492 (246)	9,000 (4,500)	2			

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>											
41-125	131 (131)	1,700 (1,700)	1	1,737 (102)	29,200 (1,718)	17	4,095 (111)	60,600 (1,638)	37			
42-125	131 (131)	1,700 (1,700)	1	766 (54)	13,000 (929)	14	11,627 (83)	205,800 (1,470)	140	1,869 (40)	27,900 (594)	47
43-125	54 (54)	700 (700)	1	262 (66)	4,800 (1,200)	4	2,538 (63)	48,700 (1,218)	40			
43-126				2,310 (154)	34,700 (2,313)	15						
43-127				634 (70)	10,100 (1,100)	9						
44-125	79 (26)	1,100 (367)	3	613 (51)	10,200 (850)	12	673 (40)	12,400 (729)	17			
44-126	274 (18)	4,000 (267)	15	2,754 (79)	43,700 (1,249)	35	354 (89)	6,500 (1,625)	4			
44-127				7,399 (86)	117,800 (1,370)	86						
42-124							772 (51)	15,200 (1,013)	15			
43-124							574 (52)	10,900 (991)	11			
44-124							9 (5)	100 (50)	2			

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>											
35-125	400 (67)	6,400 (1,067)	6									
38-125										27,488 (196)	410,400 (2,931)	140
39-125	131 (131)	1,700 (1,700)	1	250 (50)	4,000 (800)	5						
35-121	131 (131)	2,100 (2,100)	1									
35-122	586 (45)	9,000 (692)	13									
35-124	394 (99)	6,300 (1,575)	4									
36-123	699 (117)	10,800 (1,800)	6									
36-124	168 (56)	4,100 (1,367)	3	780 (111)	11,000 (1,571)	7						
37-123							38 (10)	700 (175)	4			
37-124	131 (131)	1,700 (1,700)	1	363 (61)	5,800 (967)	6						
38-124	131 (131)	1,700 (1,700)	1	300 (60)	4,800 (960)	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> <u>Jig Boats</u>											
39-124				294 (98)	4,700 (1,567)	3						
32-120	123 (123)	1,600 (1,600)	1									
32-121	123 (123)	1,600 (1,600)	1									
33-121	1,172 (51)	17,200 (748)	23									
34-121	429 (43)	6,900 (690)	10									
34-122	131 (131)	1,700 (1,700)	1									
31-119	123 (123)	1,600 (1,600)	1									
TOTAL		88,000			574,200			369,900			438,300	
	<u>Landed at Newport</u> <u>Jig Boats</u>											
45-126				798 (53)	14,000 (933)	15						
46-126				404 (67)	5,800 (967)	6						

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>					
42-125				6,816 (107)	108,300 (1,692)	64	31,073 (92)	530,100 (1,578)	336			
42-126				1,494 (125)	24,000 (2,000)	12						
43-125				1,964 (98)	29,700 (1,485)	20	3,012 (94)	30,900 (966)	32			
43-126							2,580 (99)	46,600 (1,792)	26			
40-124				265 (53)	4,000 (800)	5						
41-124				675 (135)	10,200 (2,040)	5						
43-124				6 (3)	100 (50)	2						
39-125				2,572 (91)	38,500 (1,375)	28						
35-121	196 (98)	3,200 (1,600)	2	809 (45)	13,200 (733)	18						
35-122				2,762 (67)	43,500 (1,061)	41						
35-123				118 (59)	2,100 (1,050)	2						

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>					
36-122				1,010 (59)	16,700 (982)	17						
36-123				1,892 (65)	28,400 (979)	29						
37-122				536 (77)	8,100 (1,157)	7						
37-123				1,868 (81)	26,900 (1,170)	23						
37-124				2,307 (68)	31,700 (932)	34						
38-124				1,099 (42)	16,200 (623)	26						
39-124				1,311 (73)	19,400 (1,078)	18						
33-120				285 (57)	4,300 (460)	5						
33-121				229 (46)	4,200 (840)	5						
34-120	145 (18)	2,200 (275)	8									
34-121	1,051 (50)	16,400 (781)	21	906 (36)	13,600 (544)	25						

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>							
34-122				237 (47)	4,300 (860)	5						
31-118				178 (89)	2,700 (1,350)	2						
32-119				324 (65)	4,900 (980)	5						
TOTAL		21,800			565,300			652,100			97,200	
GRAND TOTAL		111,500			1,223,900			1,236,300			536,200	

Table 5
Albacore Catches--1962

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>											
45-125	538 (27)	6,200 (310)	20	61,547 (146)	708,300 (1,678)	422	7,867 (84)	94,400 (1,004)	94			
45-126	65 (22)	600 (207)	3	80,069 (241)	895,500 (2,697)	332						
45-127				6,217 (270)	63,900 (2,778)	23						
46-125	587 (30)	6,900 (345)	20	16,788 (109)	191,100 (1,241)	154						
46-126	1,269 (161)	14,700 (1,838)	8	3,221 (119)	36,900 (1,367)	27						
46-127				19 (19)	200 (200)	1						
47-125	234 (33)	2,700 (386)	7	2,010 (112)	22,800 (1,267)	18						
47-126				9 (9)	100 (100)	1						
48-126				102 (102)	1,200 (1,200)	1						
45-124				25,684 (117)	300,300 (1,365)	220	129 (16)	1,600 (197)	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 Astoria</u>								
				<u>Jig Boats</u>								
46-124				4,642 (74)	54,000 (587)	63						
40-125				145 (48)	1,800 (600)	3	7,654 (166)	88,400 (1,922)	46	11,087 (258)	120,400 (2,800)	43
40-126							1,320 (147)	16,200 (1,800)	9			
40-127							371 (186)	4,300 (2,150)	2			
41-125				806 (161)	10,700 (2,140)	5	26,332 (310)	302,900 (3,564)	85			
41-126							25,589 (298)	290,900 (3,383)	86			
42-125				1,797 (200)	21,500 (2,389)	9	5,755 (169)	66,300 (1,950)	34			
42-127				1,665 (283)	19,600 (2,800)	7						
43-125				35,605 (201)	432,900 (2,446)	177	39,130 (138)	475,100 (1,679)	283			
44-125				8,974 (120)	109,000 (1,453)	75	67 (34)	800 (411)	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>								
				<u>Jig Boats</u>								
44-126				124 (25)	14,100 (2,820)	5						
44-127				42 (42)	500 (500)	1						
40-124										880 (110)	10,600 (1,325)	8
41-124										24 (4)	300 (43)	7
42-124				33 (33)	400 (400)	1						
43-124				8,244 (153)	99,400 (1,841)	54	125 (42)	1,500 (500)	3			
44-124				2,476 (99)	29,200 (1,168)	25	63 (21)	800 (267)	3			
35-125							25 (13)	300 (150)	2	4,758 (433)	53,800 (4,890)	11
37-125				74 (74)	900 (900)	1						
38-125							1,045 (95)	11,200 (1,018)	11	2,533 (121)	27,500 (1,310)	21

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> <u>Jig Boats</u>								
37-124				795 (133)	8,700 (1,450)	6						
38-124				98 (33)	1,200 (400)	3	27 (14)	300 (150)	2	0 (0)	0 (0)	4
39-124				88 (88)	1,100 (1,100)	1	80 (40)	900 (450)	2	876 (219)	9,300 (2,325)	4
34-125							303 (152)	3,600 (1,800)	2			
34-126							1,347 (449)	16,000 (5,333)	3			
32-120	81 (81)	100 (100)	1									
32-121	167 (84)	2,000 (1,000)	2	242 (81)	3,000 (1,000)	3						
33-120				48 (16)	600 (200)	3	46 (12)	500 (125)	4			
33-121				508 (169)	5,400 (1,800)	3	3,717 (207)	39,500 (2,194)	18			
34-121				981 (196)	11,900 (2,380)	5	422 (30)	4,500 (321)	14	756 (95)	9,100 (1,138)	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 Astoria</u>							
					<u>Jig Boats</u>							
34-122				466 (155)	5,400 (1,800)	3	139 (28)	1,600 (320)	5	566 (57)	7,000 (700)	10
34-123				94 (47)	1,100 (550)	2	769 (256)	9,000 (3,000)	3			
30-116	233 (78)	2,900 (967)	3									
30-117	74 (25)	900 (300)	3									
31-117	319 (80)	3,900 (975)	4									
31-118	124 (124)	1,500 (1,500)	1									
31-119	165 (165)	2,000 (2,000)	1									
32-118				229 (115)	2,400 (1,200)	2						
32-119				430 (86)	4,500 (900)	5	119 (30)	1,300 (325)	4			
TOTAL		44,400			3,095,300			1,671,500			1,093,100	

Table 6
Albacore Catches--1963

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>											
45-125	1,225 (53)	16,600 (722)	23	39,685 (128)	540,000 (1,742)	310	1,696 (94)	22,800 (1,267)	18	276 (31)	3,800 (422)	9
45-126	330 (30)	4,300 (391)	11	5,976 (122)	77,400 (1,580)	49						
45-127	85 (28)	1,300 (433)	3									
46-125	1,162 (97)	16,300 (1,358)	12	14,252 (82)	194,400 (1,117)	174						
46-126	35 (12)	500 (167)	3	7,400 (140)	102,400 (1,932)	53						
47-126	2 (1)	23 (8)	3									
49-125	87 (29)	1,100 (367)	3									
45-124	1 (1)	23 (12)	2	5,092 (86)	83,700 (1,419)	59	2,031 (145)	29,100 (2,079)	14	570 (34)	7,900 (465)	17
46-124				525 (31)	8,900 (524)	17				1,069 (63)	13,000 (765)	17
40-125				2,818 (188)	43,100 (2,873)	15	31,119 (209)	373,200 (2,505)	149	112 (12)	1,300 (144)	9

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>												
40-126				6,605 (245)	82,100 (3,041)	27	20,397 (272)	251,700 (3,356)	75			
41-125				33,547 (316)	409,100 (3,859)	106	16,301 (251)	196,200 (3,018)	65	18 (2)	200 (22)	9
41-126				38,949 (300)	477,500 (3,673)	130	29,515 (266)	360,500 (3,248)	111			
41-127				3,250 (406)	38,000 (4,750)	8						
42-125	13 (13)	200 (200)	1	2,685 (149)	34,500 (1,917)	18	356 (25)	5,000 (357)	14	16 (2)	200 (22)	9
42-126	17 (17)	200 (200)	1	14,078 (327)	167,800 (3,902)	43	373 (72)	4,400 (733)	6			
42-127				2,883 (288)	34,900 (3,490)	10	458 (229)	5,600 (2,800)	2			
43-125	100 (33)	1,500 (500)	3	15,206 (123)	222,500 (1,794)	124	8,580 (102)	125,000 (1,488)	84	446 (56)	5,600 (700)	8
43-126	3 (3)	37 (37)	1	19,786 (217)	255,600 (2,809)	91	415 (104)	5,000 (1,250)	4			
44-125	7,140 (113)	94,700 (1,503)	63	68,342 (154)	913,600 (2,062)	443	9,953 (44)	144,500 (642)	225	50,774 (240)	684,800 (3,230)	212
44-126	9,837 (186)	124,700 (2,353)	53	62,275 (192)	790,900 (2,434)	325						

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>											
44-127	63 (16)	700 (175)	4									
40-124				1,482 (212)	19,700 (2,814)	7	912 (130)	12,300 (1,757)	7	25 (3)	300 (38)	8
41-124				1,784 (357)	22,000 (4,400)	5				93 (12)	1,100 (138)	8
43-124				226 (32)	3,300 (471)	7	156 (78)	2,300 (1,150)	2	0 (0)	0 (0)	8
44-124				5,142 (101)	85,300 (1,673)	51	10,301 (139)	139,800 (1,889)	74	74 (3)	1,000 (40)	25
36-125	29 (29)	300 (300)	1	220 (110)	3,300 (1,650)	2						
37-125				2,682 (355)	34,900 (4,363)	8						
38-125										729 (91)	8,100 (1,013)	8
39-125	71 (24)	800 (267)	3				4,882 (257)	57,900 (3,047)	19			
39-126				70 (35)	1,000 (500)	2						

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>											
35-121	454 (91)	5,600 (1,120)	5									
35-122	545 (50)	6,800 (618)	11	2,259 (68)	30,500 (924)	33						
35-123	997 (100)	12,700 (1,270)	10	88 (22)	1,100 (275)	4						
36-122							1,532 (90)	18,100 (1,065)	17	9,309 (157)	109,700 (1,859)	59
36-123	71 (71)	800 (800)	1				8,712 (207)	104,600 (2,490)	42			
36-124				482 (161)	7,200 (2,400)	3						
37-122										1,943 (114)	21,600 (1,271)	17
37-123				656 (82)	8,100 (1,013)	8	3,123 (104)	38,600 (1,287)	30	4,802 (81)	61,800 (1,047)	59
38-123										170 (21)	2,100 (263)	8
38-124				30 (15)	400 (200)	2	5,199 (226)	62,900 (2,735)	23	4,649 (50)	58,900 (633)	93

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

Landed at Astoria
Jig Boats

30-119				2,255 (173)	27,200 (2,092)	13						
31-119				86 (43)	1,000 (500)	2						
29-119				251 (126)	3,000 (1,500)	2						
TOTAL		471,583			4,747,700			1,970,900			1,041,400	

Landed at Coos Bay
Jig Boats

40-125				1,528 (170)	20,200 (2,244)	9						
40-126							3,341 (95)	43,000 (1,229)	35			
41-125				5,515 (276)	69,900 (3,495)	20						
41-126				1,204 (134)	15,700 (1,744)	9	4,222 (211)	53,700 (2,685)	20			
42-125				177 (44)	2,300 (575)	4	462 (92)	5,900 (1,180)	5			

Table 7
Albacore Catches--1964

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>											
45-125	608 (38)	9,600 (600)	16	68 (5)	1,000 (77)	13	12,329 (66)	200,300 (1,065)	188			
46-125	732 (105)	11,700 (1,671)	7	229 (38)	3,700 (617)	6						
47-126				14,304 (199)	176,700 (2,454)	72						
46-124	373 (37)	6,200 (620)	10	0 (0)	0 (0)	3						
40-125				2,020 (202)	23,900 (2,390)	10	9,823 (99)	123,100 (1,243)	99	6,004 (194)	80,500 (2,597)	31
40-126							12,867 (198)	154,900 (2,383)	65			
40-127							384 (96)	4,900 (1,225)	4			
41-125	7 (2)	100 (33)	3	72 (18)	900 (225)	4	6,802 (103)	89,300 (1,353)	66			
41-126							2,544 (182)	32,000 (2,286)	14			
41-127							2,566 (233)	32,900 (2,991)	11			

Table 7 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>											
42-125	49 (12)	600 (150)	4	16,114 (161)	208,200 (2,082)	100	36,871 (176)	459,400 (2,198)	209			
42-126							7,831 (145)	103,600 (1,919)	54			
43-125	731 (66)	8,700 (791)	11	658 (47)	7,800 (557)	14	7,653 (142)	92,400 (1,711)	54			
43-126							170 (43)	1,800 (450)	4			
44-125	48 (12)	500 (125)	4	700 (50)	9,300 (664)	14	348 (50)	3,600 (514)	7			
44-126				1,585 (43)	18,900 (511)	37						
41-124							4 (1)	100 (25)	4			
43-124				65 (22)	800 (267)	3						
38-125				1,013 (338)	10,300 (3,433)	3	553 (55)	7,200 (720)	10	7,072 (236)	92,300 (3,077)	30
38-126				2,431 (243)	24,700 (2,470)	10				5,545 (277)	72,400 (3,620)	20

Table 7 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>								
39-125				18,935 (189)	229,200 (2,292)	100	12,749 (232)	154,800 (2,815)	55	9,982 (161)	121,200 (1,955)	62
39-126				16,807 (247)	193,900 (2,851)	68	16,444 (265)	178,900 (2,885)	62			
39-127							166 (42)	1,800 (450)	4			
35-121	26 (26)	300 (300)	1				201 (20)	2,600 (260)	10	51 (5)	700 (70)	10
35-122				199 (66)	2,000 (667)	3				2,544 (64)	33,200 (830)	40
36-122				18 (5)	200 (50)	4						
36-123										1,679 (56)	21,900 (730)	30
37-123										254 (13)	3,300 (165)	20
37-124				59 (20)	600 (200)	3						
39-124				4,704 (147)	69,400 (2,169)	32	12,515 (250)	167,900 (3,358)	50	7,529 (188)	101,000 (2,525)	40

Table 7 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>					
30-120				1,140 (81)	14,600 (1,043)	14						
31-123				458 (65)	4,700 (671)	7						
32-121	189 (189)	2,400 (2,400)	1									
32-123				0 (0)	0 (0)	3						
33-121	36 (36)	500 (500)	1									
33-123				160 (53)	1,600 (533)	3						
34-121	9 (9)	100 (100)	1									
31-117				72 (18)	900 (225)	4						
31-118	160 (80)	2,000 (1,000)	2									
31-119	68 (68)	900 (900)	1	224 (56)	2,900 (725)	4						

Table 7 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>					
39-125				2,968 (212)	34,500 (2,464)	14	2,050 (73)	23,800 (850)	28			
35-122	364 (23)	6,600 (413)	16									
35-123	349 (22)	6,300 (394)	16									
36-122				181 (10)	2,100 (117)	18						
37-122	63 (4)	1,100 (69)	16									
39-124				18,165 (319)	211,000 (3,702)	57						
30-121	79 (5)	1,400 (88)	16									
32-122	1,727 (56)	31,300 (1,010)	31									
34-122				63 (7)	700 (78)	9						
30-118	159 (10)	2,900 (181)	16									

Table 8
Albacore Catches--1965

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				210 (70)	2,894 (965)	3	16,372 (116)	250,677 (1,778)	141			
48-125				69 (69)	953 (953)	1	465 (78)	7,767 (1,295)	6			
47-127							3,535 (177)	54,117 (2,706)	20			
47-126				5,460 (161)	78,055 (2,296)	34	18,777 (148)	285,967 (2,252)	127			
47-125				19,253 (158)	268,202 (2,198)	122	13,680 (86)	209,767 (1,319)	159			
46-126				13,015 (178)	179,190 (2,455)	73	37,486 (123)	524,663 (1,715)	306	9,240 (231)	141,861 (3,547)	40
46-125	45 (2)	603 (27)	22	51,203 (157)	702,439 (2,148)	327	124,982 (136)	1,888,605 (2,053)	920	12,012 (119)	182,459 (1,807)	101
46-124				6,499 (82)	95,198 (1,205)	79	6,873 (67)	112,851 (1,106)	102	3,883 (95)	61,918 (1,510)	41
45-127				378 (189)	5,865 (2,933)	2						
45-126				74,766 (214)	1,010,542 (2,887)	350	2,760 (89)	55,687 (1,796)	31			

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>											
45-125	201 (9)	2,725 (124)	22	41,255 (170)	558,630 (2,308)	242	19,172 (122)	283,324 (1,805)	157	16,375 (186)	262,351 (2,981)	88
45-124	22 (1)	290 (13)	22	3,038 (190)	43,042 (2,690)	16	1,348 (135)	17,128 (1,713)	10			
44-127				5,621 (201)	79,017 (2,822)	28						
44-126				40,846 (237)	545,939 (3,174)	172	3,275 (234)	47,452 (3,389)	14			
44-125				4,117 (82)	57,579 (1,152)	50				243 (35)	4,038 (577)	7
44-124							2 (1)	29 (15)	2			
43-127				1,856 (133)	24,508 (1,751)	14						
43-126				15,229 (181)	210,232 (2,503)	84						
43-125				8,704 (181)	118,316 (2,465)	48	4,426 (143)	66,452 (2,144)	31			
43-124				0 (0)	0 (0)	1	88 (44)	1,414 (707)	2			
42-127				168 (56)	2,570 (857)	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>								
42-126				3,232 (87)	44,028 (1,190)	37	181 (91)	2,518 (1,259)	2			
42-125				6,678 (108)	95,933 (1,547)	62	2,021 (106)	30,260 (1,593)	19	7 (1)	118 (17)	7
42-124				751 (94)	11,052 (1,382)	8	269 (135)	4,341 (2,171)	2			
41-127				18 (18)	257 (257)	1						
41-126	26 (26)	367 (367)	1	39 (20)	501 (251)	2						
41-125				2,273 (54)	31,114 (741)	42						
41-124				133 (13)	1,860 (186)	10						
40-126				45 (15)	585 (195)	3				4,121 (98)	68,518 (1,631)	42
40-125	23 (23)	330 (330)	1	7,411 (135)	103,918 (1,889)	55						
40-124				309 (44)	4,459 (637)	7						
39-127				51 (51)	717 (717)	1						

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>								
39-125				1,300 (81)	16,136 (1,009)	16						
39-124				701 (17)	10,028 (245)	41						
38-126				41 (41)	587 (587)	1						
38-125				35 (35)	527 (527)	1						
38-124				512 (24)	7,384 (352)	21						
38-123				528 (53)	7,655 (766)	10						
37-124				125 (25)	1,586 (317)	5						
37-123				1,683 (41)	24,237 (591)	41						
37-122				357 (45)	5,350 (669)	8						
36-125				19 (19)	267 (267)	1						
36-124	713 (119)	10,175 (1,696)	6	434 (62)	6,211 (887)	7						

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>					
36-123				769 (48)	11,386 (712)	16						
36-122	18 (6)	268 (89)	3	13,334 (82)	187,142 (1,155)	162						
36-121				63 (32)	926 (463)	2						
35-125	84 (84)	1,157 (1,157)	1									
35-124	53 (53)	785 (785)	1	227 (76)	3,356 (1,119)	3						
35-123	143 (48)	2,097 (699)	3	351 (44)	5,140 (643)	8						
35-122	5,177 (108)	73,663 (1,535)	48	11,736 (92)	168,236 (1,325)	127						
35-121	1,107 (85)	14,792 (1,138)	13	2,546 (54)	39,495 (840)	47						
34-124	728 (146)	10,311 (2,062)	5									
34-123	337 (112)	5,180 (1,727)	3	176 (88)	2,828 (1,414)	2						
34-122	191 (191)	3,057 (3,057)	1	1,936 (84)	29,984 (1,304)	23						

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>											
32-123	54 (54)	739 (739)	1									
32-122				813 (136)	11,912 (1,985)	6						
32-121	349 (70)	4,799 (960)	5									
32-119	51 (51)	686 (686)	1									
32-118				0 (0)	0 (0)	2						
32-117	38 (19)	555 (278)	2									
31-126	6 (6)	88 (88)	1									
31-119	118 (39)	1,601 (534)	3									
31-118	26 (9)	371 (124)	3									
31-117	38 (38)	511 (511)	1									

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>												
30-117	238 (40)	3,481 (580)	6									
29-125	44 (22)	642 (321)	2									
29-118	8 (4)	123 (62)	2									
28-115	19 (10)	275 (138)	2									
TOTAL		180,116			4,904,800			3,843,019			721,263	
<u>Landed at Newport</u> <u>Jig Boats</u>												
47-126				1,549 (129)	20,881 (1,740)	12						
47-125				27,915 (285)	376,129 (3,838)	98						
46-126				1,328 (111)	17,893 (1,491)	12	3,660 (76)	39,586 (824)	48			
46-125				4,562 (123)	61,475 (1,661)	37	6,400 (53)	90,976 (752)	121			
45-126	145 (48)	1,792 (597)	3	26,193 (194)	335,289 (2,484)	135	1,842 (38)	19,926 (415)	48			

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>					
45-125	0	0	1				1,915 (40)	24,241 (505)	48			
45-124							3,806 (79)	61,693 (1,285)	48			
44-126				7,059 (191)	98,096 (2,651)	37						
44-125				1,045 (87)	13,404 (1,117)	12	121 (5)	1,309 (55)	24			
44-124							194 (8)	3,151 (131)	24			
43-126							1,527 (64)	16,508 (688)	24			
43-125							1,139 (47)	12,314 (513)	24			
43-124				1,648 (69)	22,980 (958)	24	242 (10)	3,927 (164)	24			
42-125				8,654 (180)	120,429 (2,509)	48						
42-124							1,576 (66)	25,550 (1,065)	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 Newport Jig Boats</u>											
31-120	242 (10)	3,369 (140)	24									
31-119	194 (8)	2,715 (113)	24									
31-117	412 (17)	5,745 (239)	24									
TOTAL		36,577			1,499,496			324,731				
	<u>Landed at Coos Bay Jig Boats</u>											
46-125				2,406 (776)	47,316 (1,526)	31						
46-124				209 (21)	4,110 (411)	10						
45-126				521 (87)	6,628 (1,105)	6						
45-125				73 (7)	1,443 (144)	10	1,569 (143)	23,135 (2,103)	11			
44-126				2,946 (113)	36,668 (1,410)	26	3,044 (72)	39,252 (935)	42			
44-125				1,464 (70)	23,888 (1,138)	21	1,151 (55)	15,416 (734)	21			

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>											
43-126				1,492 (75)	19,089 (954)	20	826 (83)	10,563 (1,056)	10			
43-125				8,762 (108)	122,083 (1,507)	81	1,119 (53)	15,813 (753)	21			
42-126				415 (69)	5,792 (965)	6						
42-125				5,528 (126)	76,291 (1,734)	44						
41-126				79 (26)	1,009 (336)	3						
41-125				290 (48)	4,206 (701)	6						
41-124				129 (22)	2,010 (335)	6						
40-126				170 (57)	2,170 (723)	3						
40-125				374 (25)	5,046 (336)	15						
35-121				211 (35)	3,571 (595)	6						
TOTAL					361,320			104,179				
GRAND TOTAL	216,693				6,765,616			4,271,929			721,263	

Table 9
Albacore catches--1966

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>											
47-126				35,530 (547)	709,316 (10,913)	65	4,557 (253)	90,846 (5,047)	18			
47-125							46 (9)	927 (185)	5			
46-125				11,683 (300)	182,287 (4,674)	39	1,149 (144)	22,586 (2,823)	8	4,651 (310)	91,394 (6,093)	15
46-124				805 (81)	14,083 (1,408)	10	6,796 (295)	133,548 (5,806)	23	3,539 (442)	69,559 (8,695)	8
45-125				11,754 (240)	208,925 (4,264)	49	14,557 (316)	194,557 (4,229)	46	8,343 (556)	152,004 (10,134)	15
45-124				8,945 (248)	160,663 (4,463)	36	17,003 (340)	291,606 (5,832)	50	46,919 (680)	583,785 (8,461)	69
44-126				1,202 (120)	20,588 (2,059)	10						
44-125				3,065 (236)	45,893 (3,530)	13	1,605 (321)	31,195 (6,239)	5			
44-124				597 (60)	10,483 (1,048)	10				4,482 (560)	88,077 (11,010)	8
43-125				27,564 (484)	402,450 (7,061)	57	710 (51)	13,757 (983)	14			

Table 9 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>												
31-118	455 (91)	7,377 (1,475)	5									
Subtotal		51,328			1,772,400			1,024,067			984,819	
<u>Jig Boats</u>												
48-126				885 (177)	12,872 (2,574)	5						
47-126				10,145 (145)	175,815 (2,512)	70	2,325 (57)	39,543 (964)	41			
47-125	0 (0)	0 (0)	3				1,951 (61)	33,306 (1,041)	32	130 (16)	2,229 (279)	8
46-126				678 (48)	10,649 (761)	14	618 (155)	9,925 (2,481)	4			
46-125	538 (54)	8,425 (843)	10	2,158 (51)	39,632 (944)	42	11,865 (55)	192,568 (887)	217	2,934 (54)	42,913 (795)	54
46-124				1,763 (220)	34,612 (4,327)	8	416 (24)	6,889 (405)	17	1,134 (30)	18,924 (498)	38
45-127				2,262 (226)	26,937 (2,694)	10						
45-126				3,421 (90)	46,343 (1,220)	38	831 (92)	13,255 (1,473)	9			

Table 9 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>								
45-125	144 (18)	2,172 (272)	8	24,866 (62)	402,223 (996)	404	15,837 (70)	249,717 (1,100)	227	1,440 (90)	24,287 (1,518)	16
45-124	25 (5)	318 (64)	5	3,200 (50)	50,695 (792)	64	2,924 (79)	48,527 (1,312)	37	1,034 (129)	17,445 (2,181)	8
44-127										115 (14)	1,938 (242)	8
44-126	16,870 (164)	224,408 (2,179)	103	54,473 (148)	749,340 (2,031)	369				12,940 (212)	218,208 (3,577)	61
44-125	26,943 (142)	369,247 (1,943)	190	65,680 (138)	908,785 (1,913)	475	2,085 (51)	31,618 (771)	41	4,888 (326)	82,430 (5,495)	15
44-124	2,123 (125)	28,216 (1,660)	17	1,215 (53)	19,096 (830)	23						
43-127	1,905 (238)	24,839 (3,105)	8	183 (92)	2,493 (1,247)	2	65 (13)	918 (184)	5			
43-126	5,619 (156)	74,278 (2,063)	36	7,477 (144)	99,205 (1,908)	52	1,882 (105)	30,259 (1,681)	18			
43-125	34,432 (172)	462,322 (2,312)	200	119,572 (182)	1,617,147 (2,458)	658	6,073 (60)	91,753 (900)	102			
43-124	2,402 (100)	31,661 (1,319)	24	5,710 (124)	83,874 (1,823)	46						

Table 9 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>											
42-128	398 (199)	5,089 (2,545)	2									
42-126	1,211 (71)	14,943 (879)	17	1,358 (272)	18,844 (3,769)	5						
42-125	14 (7)	182 (91)	2	549 (42)	7,859 (605)	13	1,527 (64)	22,339 (931)	24			
41-126	262 (52)	3,255 (651)	5									
41-125	58 (12)	739 (148)	5	1,065 (213)	15,753 (3,151)	5	2,422 (65)	37,185 (1,005)	37			
40-126	602 (120)	7,465 (1,493)	5				6,761 (133)	100,180 (1,964)	51			
40-125	7 (4)	86 (43)	2				20,914 (111)	327,041 (1,740)	188			
39-126	12 (6)	153 (77)	2				2,527 (110)	39,723 (1,727)	23			
39-125							23,199 (148)	329,891 (2,101)	157			
39-124							1,001 (72)	17,009 (1,215)	14			

Table 9 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>											
34-124	319 (64)	3,790 (758)	5									
34-123	188 (63)	2,234 (745)	3									
34-122	62 (12)	862 (172)	5									
34-121	160 (20)	2,210 (276)	8									
33-122	427 (43)	5,154 (515)	10									
33-121	2,002 (72)	29,224 (1,044)	28									
33-120	100 (20)	1,456 (291)	5									
32-121	322 (107)	4,313 (1,438)	3									
32-120	540 (68)	7,244 (906)	8									
32-119	26 (9)	373 (124)	3									
Subtotal		1,326,111			4,324,408			1,684,651			408,374	
TOTAL		1,377,439			6,096,808			2,708,718			1,393,193	

Table 9 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>											
45-124	507 (169)	6,534 (2,178)	3									
44-126	778 (259)	9,377 (3,126)	3	9,220 (165)	121,438 (2,169)	56						
44-125	60,539 (135)	820,099 (1,835)	447	31,586 (142)	447,241 (2,015)	222						
44-124	5,492 (128)	76,201 (1,772)	43	1,222 (22)	19,792 (353)	56						
43-127	1,758 (98)	22,887 (1,272)	18									
43-126	868 (39)	11,004 (500)	22									
43-125	28,028 (157)	370,030 (2,067)	179	50,545 (171)	711,297 (2,403)	296						
43-124	15,425 (161)	206,576 (2,152)	96	1,092 (30)	16,700 (451)	37						
42-124	426 (22)	5,925 (312)	19									
33-120	2,888 (52)	39,270 (701)	56									
TOTAL		1,567,903			1,316,468			0			0	

Table 9 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>								
46-125				2,274 (78)	38,482 (1,327)	29						
45-126	1,461 (292)	17,035 (3,407)	5									
45-125	624 (104)	10,023 (1,671)	6	58 (12)	847 (169)	5						
45-124	997 (62)	13,438 (840)	16						101 (10)	1,499 (150)	10	
44-126	3,788 (199)	37,548 (1,976)	19	3,755 (96)	51,874 (1,330)	39			5,889 (147)	74,831 (1,871)	40	
44-125	17,131 (119)	214,428 (1,489)	144	26,305 (130)	355,082 (1,749)	203						
44-124	1,828 (83)	23,145 (1,052)	22	1,127 (225)	15,250 (3,050)	5			35 (7)	528 (106)	5	
43-126	5,390 (225)	53,722 (2,238)	24	6,870 (156)	82,160 (1,867)	44						
43-125	13,306 (129)	175,789 (1,707)	103	105,166 (148)	1,466,572 (2,063)	711			1,217 (81)	18,161 (1,211)	15	
43-124				9,652 (111)	141,712 (1,629)	87						
42-128				1,089 (73)	15,017 (1,001)	15						

Table 9 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>											
42-125	1,756 (176)	24,892 (2,489)	10									
41-127				363 (73)	5,003 (1,001)	5						
41-124				0 (0)	0 (0)	5						
39-124				0 (0)	0 (0)	5						
37-124	145 (29)	1,751 (350)	5									
36-124	102 (10)	1,224 (122)	10									
36-123	97 (19)	1,166 (233)	5									
35-122				34 (7)	523 (105)	5						
32-120	653 (131)	10,039 (2,008)	5	407 (81)	6,246 (1,249)	5						
TOTAL		584,200			2,178,768				0		95,019	
GRAND TOTAL		3,529,542			9,592,044				2,708,718		1,488,212	

Table 10
Albacore Catches--1967.

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>											
47-126							3,649 (143)	42,044 (1,650)	25			
47-125							8 (1)	101 (12)	8			
46-127							1,616 (65)	27,723 (1,115)	25			
46-126	53 (20)	717 (269)	3	2,931 (100)	54,966 (1,873)	29	138,786 (307)	1,697,349 (3,755)	452			
46-125	2,726 (146)	37,613 (2,014)	19	12,103 (83)	187,004 (1,282)	146	60,652 (180)	789,533 (2,345)	337	1,549 (187)	19,852 (2,396)	8
46-124				712 (27)	9,711 (364)	27	12,013 (151)	157,178 (1,976)	80			
45-126	301 (57)	3,860 (723)	5	15,722 (119)	222,530 (1,691)	132	276 (31)	4,866 (546)	9	10,498 (317)	134,504 (4,058)	33
45-125	3,262 (72)	43,017 (949)	45	53,341 (83)	845,147 (1,318)	641	17,193 (134)	230,428 (1,802)	128	166 (20)	2,123 (256)	8
45-124	8 (3)	100 (38)	3	2,448 (59)	41,255 (987)	42	2,234 (51)	28,409 (647)	44			

Table 10 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>											
44-127				2,071 (101)	28,612 (1,399)	20						
44-126	28,215 (230)	366,238 (2,985)	123	97,782 (173)	1,335,455 (2,365)	565	2,805 (126)	69,640 (3,128)	22			
44-125	10,155 (136)	129,622 (1,736)	75	26,148 (142)	365,994 (1,988)	184	1,888 (85)	28,581 (1,284)	22			
44-124				764 (78)	11,905 (1,216)	10						
43-127	3,118 (292)	37,382 (3,504)	11	15,670 (144)	199,640 (1,840)	108						
43-126	50,745 (261)	632,062 (3,248)	195	36,679 (181)	463,634 (2,287)	203	1,545 (174)	40,934 (4,597)	9			
43-125	8,250 (221)	102,709 (2,750)	37	10,000 (170)	126,705 (2,159)	59	1,220 (91)	16,715 (1,251)	13			
43-124	0 (0)	0 (0)	3	101 (38)	1,319 (494)	3						
42-127				2,217 (166)	27,840 (2,087)	13	36 (8)	483 (108)	4			
42-126				6,751 (149)	88,207 (1,945)	45	2,671 (100)	36,135 (1,353)	27			

Table 10 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

Landed at Astoria
Jig Boats

33-120	45 (17)	561 (210)	3									
32-121	963 (120)	11,852 (1,481)	8									
32-119	429 (161)	5,310 (1,991)	3									
32-118	1,184 (56)	14,296 (670)	21									
32-117	123 (46)	1,517 (569)	3									
31-121	1,427 (134)	17,565 (1,646)	11									
31-118	43 (16)	525 (197)	3									
Subtotal		1,404,946			4,051,085			4,284,736			156,479	

Landed at Astoria
Bait Boats

46-126				168 (63)	1,759 (659)	3	84,855 (1,268)	797,831 (11,925)	67			
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Table 10 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>								
46-125				4,284 (146)	72,177 (2,460)	29	130,439 (2,328)	1,926,207 (34,382)	56			
46-124				2,998 (281)	60,658 (5,685)	11						
45-127				45 (17)	918 (344)	3						
45-126	1,091 (409)	13,712 (5,141)	3	2,894 (271)	30,426 (2,852)	11	4,078 (916)	57,087 (12,822)	4			
45-125	371 (139)	5,085 (1,906)	3	15,731 (201)	245,868 (3,141)	78	88,464 (1,094)	1,133,859 (14,019)	81			
45-124				68,850 (414)	1,216,994 (7,314)	166	3,767 (282)	55,092 (4,125)	13			
44-126	2,763 (518)	27,982 (5,245)	5	21,317 (333)	333,764 (5,214)	64						
44-125				5,332 (118)	82,506 (1,820)	45						
43-126	7,938 (496)	88,946 (5,558)	16	14,689 (220)	170,769 (2,561)	67						
43-125				1,102 (103)	11,682 (1,095)	11						

Table 10 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>											
42-127				256 (96)	2,807 (1,052)	3						
42-126	573 (215)	7,865 (2,949)	3	710 (133)	8,108 (1,520)	5						
41-126							31,915 (2,389)	473,541 (35,452)	13			
39-125							1,817 (408)	26,954 (6,054)	4			
33-121	472 (89)	5,934 (1,112)	5									
32-118	1,032 (77)	11,315 (848)	13									
Subtotal		160,839			2,238,436			4,470,571				0
TOTAL		1,565,785			6,289,521			8,755,307				156,479
	<u>Landed at Newport</u> <u>Jig Boats</u>											
45-125	574 (86)	7,262 (1,087)	7	14,236 (118)	176,802 (1,471)	120						

Table 10 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>								
45-124				467 (70)	7,853 (1,176)	7	1,563 (67)	23,043 (988)	23			
44-126	7,639 (286)	96,595 (3,617)	27	41,453 (141)	535,808 (1,824)	294						
44-125	8,474 (159)	105,355 (1,972)	53	11,932 (99)	153,411 (1,276)	120	2,321 (66)	41,210 (1,178)	35			
44-124				0 (0)	0 (0)	7	2,834 (49)	52,736 (904)	58			
43-127				4,213 (210)	50,785 (2,535)	20						
43-126	38,539 (262)	460,660 (3,136)	147	17,889 (149)	232,629 (1,935)	120						
43-125	1,449 (109)	18,223 (1,365)	13	40 (6)	483 (72)	7						
Subtotal		688,095			1,157,771			116,989			0	
				<u>Landed at Newport</u>								
				<u>Bait Boats</u>								
46-126							11,664 (1,000)	142,938 (12,255)	12			

Table 10 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 Bait Boats</u>								
37-123	13 (2)	165 (25)	7									
Subtotal		64,616			206,672			1,459,824				0
TOTAL		752,711			1,364,443			1,576,813				0
				<u>Landed at Coos Bay Jig Boats</u>								
46-125				2,069 (56)	32,124 (863)	37						
45-126				702 (62)	9,529 (842)	11						
45-125				6,124 (75)	86,821 (1,059)	82						
45-124				1,249 (86)	19,645 (1,345)	15	200 (50)	2,584 (645)	4			
44-127				5,199 (153)	68,035 (2,005)	34						
44-126	7,086 (162)	81,628 (1,862)	44	57,727 (169)	741,435 (2,176)	341						

Table 10 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>											
44-125	3,083 (141)	35,487 (1,619)	22	2,681 (73)	35,120 (961)	37	100 (25)	1,292 (323)	4			
43-127	4,259 (194)	51,629 (2,356)	22	62,995 (194)	782,652 (2,405)	325						
43-126	100,261 (227)	1,221,374 (2,761)	442	266,141 (222)	3,261,225 (2,722)	1,198	112 (28)	1,559 (389)	4			
43-125	13,791 (251)	164,400 (2,997)	55	33,912 (202)	404,053 (2,405)	168	48 (6)	576 (72)	8			
42-126	2,104 (144)	24,478 (1,675)	15	13,705 (313)	156,692 (3,575)	44						
42-125							5,479 (124)	68,229 (1,549)	44			
41-127				813 (203)	10,604 (2,647)	4	3,745 (134)	45,450 (1,621)	28			
41-126				2,479 (133)	45,862 (2,464)	19	12,016 (158)	150,084 (1,972)	76			
41-125							12 (3)	146 (37)	4			
40-127							1,686 (140)	20,222 (1,683)	12			

Table 10 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>								
40-126				1,336 (87)	22,332 (1,458)	15	11,063 (251)	150,775 (3,422)	44			
40-125							1,554 (55)	22,267 (794)	28			
39-126	285 (39)	3,290 (450)	7	144 (36)	2,109 (526)	4	3,477 (174)	44,577 (2,226)	20			
39-125							32,812 (234)	395,675 (2,822)	140			
39-124							4,382 (182)	58,262 (2,424)	24			
38-127							4,298 (537)	57,858 (7,222)	8			
38-126							1,410 (176)	17,467 (2,180)	8			
38-125							1,230 (77)	15,261 (953)	16			
37-127							3,689 (307)	49,662 (4,133)	12			
37-125							1,234 (154)	15,311 (1,911)	8			

Table 10 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>											
34-122	190 (26)	2,194 (300)	7									
33-122	1,834 (126)	21,177 (1,449)	15									
33-121	1,008 (69)	11,643 (797)	15									
32-121	1,702 (117)	19,659 (1,345)	15									
32-118	8,628 (66)	93,466 (711)	131									
31-120	767 (53)	8,859 (606)	15									
TOTAL		1,739,284			5,678,238			1,117,257			0	
GRAND TOTAL		4,057,780			13,332,202			11,449,377			156,479	

Table 11
Albacore Length Frequencies
Astoria--July 1961

Length (cm)	Area		Total
	45-126	North of 40° N. Lat.	
55		1	1
6			
7			
8			
9			
60			
1		2	2
2		3	3
3		1	1
4		1	1
5		2	2
6			
7			
8			
9	1		1
70			
1			
2	1		1
3	1		1
4	1		1
5	7	2	9
6	4		4
7	3	1	4
8	1	2	3
9	2	1	3
80	2		2
1	2		2
2	1		1
3			
4			
5			
TOTAL	26	16	42
Samples	1	1	2

Table 12
Albacore Length Frequencies
Astoria--August 1961

Length (cm)	Area						Not Assigned	Total
	45-126	46-125	46-126	40-127	41-126	44-127		
45								
6								
7								
8								
9						1		1
50				1				1
1	1			2		1		4
2			2	1		1	1	5
3	1		1			1		3
4	1		2			2	1	6
5	1	1				1	1	4
6	1	1				1		3
7		2	3	1		2		8
8	3			3	1			7
9		1	1			1		3
60								
1		2		1		5	1	9
2	1	3	3	7		13	4	31
3	5	3	2	4	2	9	3	28
4	3	8	3	10	6	23	7	60
5	4	8	4	12	3	24	11	66
6	7	5	2	11	4	24	5	58
7		3	4	7	7	17	4	42
8		1	1	2	1	11	5	21
9	1	1	1		2	7	1	13
70		2		1		1	1	5
1	1					1		2
2						3		3
3	1		1	1		2		5
4	1			1	1	7	1	11
5		2		2	2	17	1	24
6	3	1	1	3	1	29	5	43
7	2	1	5	5	3	33	4	53
8	6	2	5	8	8	45	5	79
9	4		2	8	4	35	1	54
80	1	1	1	8	1	19	2	33
1	4	1	5	1	1	10		22
2		1			2	5	1	9
3	1		1			1		3
4					1	4		5
85								
TOTAL	53	50	50	100	50	356	65	724
Samples	1	1	1	1	1	4	1	10

Table 13
 Albacore Length Frequencies
 Newport--August 1961

Length (cm)	Area 44-127
50	
1	
2	
3	
4	1
5	
6	2
7	1
8	
9	2
60	
1	
2	
3	2
4	5
5	13
6	8
7	9
8	1
9	3
70	
1	
2	1
3	
4	
5	
6	
7	
8	
9	1
80	
TOTAL	49
Samples	1

Table 14
Albacore Length Frequencies
Coos Bay--August 1961

Length (cm)	Area			Total
	42-125	South of 40° N. Lat.	Not Assigned	
50				
1				
2				
3				
4	1			1
5				
6			1	1
7				
8			2	2
9				
60			3	3
1	1		4	5
2	1		6	7
3	1	1	3	5
4	2		6	8
5	5		3	8
6	2	2	2	6
7	3	3	1	7
8	1			1
9				
70				
1	1		1	2
2				
3	1	1	2	4
4	3	2	4	9
5	3	5	1	9
6	5	11	3	19
7	8	6	2	16
8	5	7	3	15
9	3	8		11
80		1	1	2
1	1	2	1	4
2	2	1		3
3	1			1
4				
5				
6				
7				
8				
9				
90				
1				
2				
3				
4				
5			1	1
TOTAL	50	50	50	150
Samples	1	1	1	3

Table 15
Albacore Length Frequencies
Coos Bay--September 1961

Length (cm)	Area 42-125
55	1
6	
7	1
8	
9	1
60	2
1	1
2	6
3	9
4	12
5	17
6	16
7	18
8	18
9	4
70	2
1	2
2	1
3	1
4	
5	2
6	10
7	12
8	22
9	20
80	29
1	16
2	6
3	6
4	1
5	3
6	1
7	
8	
9	
90	
TOTAL	240
Samples	4

Table 16
 Albacore Length Frequencies
 Astoria--July 1962

Length (cm)	Area			Total
	45-125	46-125	46-126	
55			1	1
6				
7				
8	1		1	2
9		2	3	5
60	1	7	15	23
1	6	20	29	55
2	9	36	44	89
3	23	41	43	107
4	12	28	46	86
5	3	13	28	44
6	2	4	6	12
7	1	3	4	8
8	1			1
9	3			3
70			2	2
1	1	3	2	6
2		2		2
3	2	1		3
4		1		1
5		3		3
6				
7	1		1	2
8			2	2
9				
80				
TOTAL	66	164	227	457
Samples	1	2	2	5

Table 17
Albacore Length Frequencies
Astoria--August 1962

Length (cm)	Area								Total
	45-125	45-126	45-127	46-125	46-126	45-124	46-124	43-125	
50		2							2
1	2	2		1		2			7
2	2	8				2		3	15
3	1	4						1	6
4	1	7	1			2		2	13
5		10				3		2	15
6	8	6			2	2		2	20
7	2	6	2			3		1	14
8	9	16	2	1		4		4	36
9	13	31	3	1	3	10		2	63
60	45	81	18	3	6	30	2	13	198
1	104	242	31	9	14	63	7	20	490
2	210	365	34	11	18	121	9	36	804
3	233	386	53	12	24	128	9	55	900
4	160	257	30	7	12	111	11	62	650
5	99	123	23	6	5	66	9	27	358
6	47	51	11	2	7	38	2	19	177
7	18	17	1		2	18		10	66
8	3	5				9		5	22
9	1	4				6		3	14
70	1	4	1		1	3		1	11
1		2		1		2		2	7
2	1					2		1	4
3	3		1			2		1	7
4	2		1			2			5
5	3	1	1			3		1	9
6	5		1			6	1	1	14
7	1	1				3		4	9
8					1	2		1	4
9	1					3		2	6
80	2					1		1	4
1						1			1
2								1	1
3									
4									
5									
TOTAL	977	1,631	214	54	95	648	50	283	3,952
Samples	8	12	2	1	1	6	1	3	34

Table 18
Albacore Length Frequencies
Astoria--September 1962

Length (cm)	Area					Total
	45-125	41-125	41-126	42-125	43-125	
50						
1		1				1
2		2		2	3	7
3		8		3	5	16
4		8		1	2	11
5		4	3		1	8
6		4	1	3	1	9
7		3	3	6	2	14
8		2	3	2		7
9		8	1	2	1	12
60	2	5	4	3	8	22
1	6	17	6	6	16	51
2	8	31	12	19	40	110
3	10	36	18	17	53	134
4	26	40	31	22	61	180
5	23	24	12	11	51	121
6	13	16	8	4	26	67
7	2	6	4	3	8	23
8	2	3	2	3	7	17
9			3	1	1	5
70	1			1	2	4
1					3	3
2		1		1	2	4
3	1	1			2	4
4	1	2			1	4
5	1			1	4	6
6		1		1	4	6
7		1			1	2
8					3	3
9		3				3
80					3	3
1					1	1
2		1			1	2
3						
4					1	1
5						
TOTAL	96	228	111	112	314	861
Samples	1	2	1	1	3	8

Table 19
 Albacore Length Frequencies
 Astoria--July 1963

Length (cm)	Area 44-125
60	3
1	4
2	18
3	19
4	32
5	18
6	10
7	8
8	7
9	4
70	1
1	1
2	5
3	3
4	4
5	8
6	2
7	
8	
9	1
80	
TOTAL	148
Samples	1

Table 20
Albacore Length Frequencies
Astoria--August 1963

Length (cm)	Area								Total
	45-125	46-126	41-125	42-126	43-125	43-126	44-125	44-126	
50									
1									
2			1	1					2
3						1			1
4				3					3
5				1				1	2
6			1						1
7					1				1
8					1			1	2
9		1	1	2			2	1	7
60	1	2	2	2	3	5	4	12	31
1	4	2	9	2	4	10	14	38	83
2	20	3	18	13	13	22	35	88	212
3	37	8	29	28	18	40	39	133	332
4	43	8	13	27	18	34	55	147	345
5	25	11	14	12	10	19	33	93	217
6	15	4	8	11	5	7	21	54	125
7	11	2	2	5	4	9	12	14	59
8	4	1	1		1	3	4	15	29
9	2		1		1	5	7	5	21
70	3	1	2			7	4	2	19
1	2	1			2	5	6	1	17
2	3	4			2	5	6	8	28
3	10			1		3	6	5	25
4	4	1	1		5	3	8	10	32
5	7	2	4	1	4	2	5	18	43
6	4		1	3	3	9	3	9	32
7	4	1	1	1	1	2	2	10	22
8	1	1	1				1	2	6
9	1	1	2	1	2	2	2	5	16
80	1	2	1		1		1	2	8
1									
2							1		1
3									
4									
5									
TOTAL	202	56	113	114	99	193	271	674	1,722
Samples	2	1	1	1	1	2	3	6	17

Table 21
Albacore Length Frequencies
Astoria--September 1963

Length (cm)	Area		Total
	41-126	44-125	
50			
1	1		1
2			
3	1		1
4	3		3
5			
6			
7			
8			
9			
60	3		3
1	11		11
2	12		12
3	28		28
4	18		18
5	16	1	17
6	11	2	13
7		1	1
8	1		1
9	1		1
70			
1	1	2	3
2	1	1	2
3		4	4
4	1	4	5
5	1	6	7
6	3	8	11
7	1	6	7
8		3	3
9		3	3
80		3	3
1		1	1
2			
3			
4			
5			
TOTAL	114	45	159
Samples	1	1	2

Table 22
 Albacore Length Frequencies
 Astoria--July 1965

Length (cm)	Area 45-126
55	
6	
7	1
8	1
9	
60	3
1	4
2	19
3	33
4	30
5	17
6	6
7	9
8	6
9	
70	1
1	
2	1
3	1
4	
5	
6	
7	1
8	
9	
80	<u>1</u>
TOTAL	134
Samples	1

Table 23
Albacore Length Frequencies
Astoria--August 1965

Length (cm)	Areas					Total
	44-126	45-126	46-124	46-125	47-125	
50						
1						
2						
3		1		1		2
4						
5		2				2
6						
7						
8	1					1
9	1		1			2
60		4	1	2		7
1	2	5		4	6	17
2	5	21	2	9	10	47
3	13	51	17	19	35	135
4	26	89	23	25	18	181
5	23	116	34	27	33	233
6	35	81	16	26	28	186
7	29	65	15	22	15	146
8	21	40	6	14	11	92
9	9	15	7	4	4	39
70	4	8	1	7	1	21
1	1	11	1			13
2	2	3	2	2	3	12
3	2	7	1	6	5	21
4	6	5	1	1	2	15
5	3	4	1	1	1	10
6	2	6	4	3	2	17
7	1	2		3		6
8	1	3	2	2	1	9
9	3			1		4
80	1	2		1		4
1				1		1
2						
3						
4						
5						
TOTAL	191	541	135	181	175	1,223
Samples	2	6	2	2	2	14

Table 24
 Albacore Length Frequencies
 Astoria--September 1965

Length (cm)	Area		Total
	46-124	46-125	
60			
1	1		1
2	1		1
3	5		5
4	5		5
5	9		9
6	17		17
7	10		10
8	4	1	5
9	5		5
70	2		2
1	2	2	4
2	1	1	2
3	3	3	6
4	2	4	6
5	1	13	14
6	1	10	11
7	1	10	11
8	1	4	5
9	3	7	10
80		4	4
1			
2		1	1
3		1	1
4		1	1
5			
6		1	1
7			
8			
9			
90			
TOTAL	74	63	137
Samples	1	1	2

Table 25
Albacore Length Frequencies
Astoria--July 1966

Length (cm)	Area			Total
	43-125	42-126	44-124	
55			1	1
6				
7				
8		1	1	2
9	1			1
60	3			3
1		2	1	3
2	6	3		9
3	3	2	14	19
4	5	5	11	21
65	9	8	20	37
6	3	10	7	20
7	9	8	14	31
8	6	17	12	35
9	4	7	8	19
70		2	4	6
1			3	3
2				
3	1	1		2
4				
75	1			1
6				
7			1	1
8	1			1
9			1	1
80		1		1
1			1	1
2				
3				
4				
85				
TOTAL	52	67	99	218
Samples	1	1	1	3

Table 26
Albacore Length Frequencies
Astoria--August 1966

Length (cm)	Area				Total
	43-125	44-125	44-126	46-125	
50		1			1
1					
2					
3				1	1
4					
55			1		1
6			3	1	4
7		1	2	1	4
8		6			6
9	1	1	2		4
60		4	4		8
1	1	17	5		23
2	2	23	18		43
3	4	51	39		94
4	4	61	41		106
65	7	76	57		140
6	9	68	32		109
7	6	63	41	2	112
8	5	46	34	1	86
9	1	43	20	2	66
70	5	16	6	3	30
1		9	2	2	13
2	3	5	1	4	13
3		7	4	1	12
4	1	17	1		19
75	3	14	1	5	23
6	4	14	6	9	33
7	1	4		6	11
8	6	7	1	6	20
9	3	8	2	5	18
80	2	3		2	7
1		2	1	5	8
2		1	1	2	4
3				1	1
4	1		1	2	4
85					
6				1	1
7				1	1
TOTAL	69	568	326	63	1,026
Samples	1	6	3	1	11

Table 27
 Albacore Length Frequencies
 Astoria--September 1966

Length (cm)	Area			Total
	43-125	44-125	47-126	
55		1		1
6	1			1
7				
8	1			1
9				
60				
1	4			4
2	9	2		11
3	7	2	1	10
4	13	3		16
65	15	6	1	22
6	18	3	3	24
7	8	7	1	16
8	6	5	2	13
9	2	4	1	7
70	4	4	3	11
1	1	3	2	6
2	1	4	3	8
3	1		3	4
4	1	2	6	9
75		1	7	8
6	1	3	9	13
7		1	5	6
8	1	1	23	25
9			11	11
80	1	1	6	8
1		1	8	9
2	1		3	4
3		1	3	4
4				
85			3	3
6				
7			2	2
8			1	1
9				
90				
TOTAL	96	55	107	258
Samples	1	1	1	3

Table 28
Albacore Length Frequencies
Newport--July 1966

Length (cm)	Area		Total
	43-124	44-125	
55			
6			
7			
8			
9			
60			
1		1	1
2	1	1	2
3	4	3	7
4	9	2	11
65	14	9	23
6	11	7	18
7	7	5	12
8	2	4	6
9		3	3
70	1	2	3
1		3	3
2		2	2
3			
4		1	1
75	1	2	3
6		2	2
7		2	2
8		1	1
9		2	2
80			
1			
2			
3			
4		1	1
85			
TOTAL	50	53	103
Samples	1	1	2

Table 29
Albacore Length Frequencies
Coos Bay--July 1966

Length (cm)	Area		Total
	43-124	43-125	
55			
6			
7			
8	1		1
9			
60			
1			
2	2	3	5
3	3	3	6
4	4	5	9
65	8	15	23
6	13	6	19
7	7	8	15
8	3	5	8
9	2		2
70			
1	2	1	3
2			
3	1		1
4	2	1	3
75	1		1
6			
7	1	1	2
8		1	1
9			
80			
TOTAL	50	49	99
Samples	1	1	2

Table 30
 Albacore Length Frequencies
 Coos Bay--August 1966

Length (cm)	Area 44-125
54	1
55	
6	
7	
8	
9	
60	1
1	
2	1
3	1
4	3
65	4
6	4
7	4
8	2
9	3
70	
1	1
2	2
3	3
4	3
75	1
6	5
7	2
8	6
9	
80	
1	2
2	
3	
4	1
85	
TOTAL	50
Samples	1

Table 31
 Albacore Length Frequencies
 Preseason Cruise--July 1966

Length (cm)	Area 42-126
60	
1	
2	8
3	18
4	7
65	8
6	11
7	11
8	3
9	3
70	
1	
2	
3	
4	1
75	
	<hr/>
TOTAL	70

Table 32
 Albacore Length Frequencies
 At Sea--July and August 1966

Length (cm)	July 44-124	Area	August 43-125	Total
55				
6			1	1
7				
8				
9				
60				
1	1			1
2			4	4
3	2		8	10
4	4		14	18
65	1		19	20
6	5		16	21
7	3		21	24
8	3		16	19
9			19	19
70	2		11	13
1	2		2	4
2	2		4	6
3			1	1
4	1		3	4
75	2		5	7
6	1		4	5
7			8	8
8	3		2	5
9	1		2	3
80			2	2
1				
2			2	2
3			1	1
4			1	1
85				
TOTAL	33		166	199

Table 33
 Albacore Length Frequencies
 Tagging Cruise of "Sunrise"--July 1967

Length (cm)	Area				Total
	45-125	45-126	44-125	44-126	
55					
56					
57					
58	2				2
59	1		1		2
60	6				6
61	11	2	4		17
62	19	2	10		31
63	30	4	4	1	39
64	21	2	13	1	36
65	16	1	9		26
66	14	2	1		17
67	5	1	4		10
68	12		1		13
69	4	1	2		7
70	1				1
71	3				3
72	1				1
73	3		1		4
74	2		1	1	4
75	4		2		6
76	5		1		6
77	6		1		7
78	1				1
79	5		2		7
80	3				3
81	3				3
82					
83	2				2
84					
85	1				1
86					
87					
88			1		1
89					
90					
TOTAL	181	15	58	3	256

Table 34
Albacore Length Frequencies
Astoria--August 1967

Length (cm)	Area									Total
	42-127	43-125	43-126	44-126	45-124	45-125	46-124	46-125	Not assigned	
50										
51			1						1	2
52			2							2
53			1							1
54			2							2
55			3							3
56		1	5	2					1	9
57			9	2		2			2	15
58	3		15	5		1		1	3	28
59	2	4	28	7		2			3	46
60	11	6	57	25		8		1	2	110
61	12	13	78	31	1	13		2	9	159
62	11	8	79	40	3	13		1	11	166
63	13	12	72	33	2	23	1	4	3	163
64	8	10	67	45	5	26	1	4	6	172
65	12	8	42	13	4	23		5	4	111
66	4	4	17	14	3	13	1	2		58
67	1	4	11	6	2	13	3	1	1	42
68			7	1	3	9	1	3	1	25
69		1	5	2	2	4	1	2		17
70		1	2		2	11	1	3	1	21
71			3		2	7	1	6	1	20
72	1		3	1	2	11		1		19
73			5	2	6	17	6	5		41
74	1		3	1	5	13	4	4	2	33
75		1	4	2	5	15	10	5		42
76	1	1	6	1	4	15	12	1	2	43
77			2		6	16	5	6		35
78			2	4	4	5	7	2	2	26
79			3	1	1	13	2	1		21
80		1	1		3	11	7			23
81			2		3	5	4			14
82				1	2	6	2		1	12
83					1	4				5
84							1			1
85					1			1		2
86							2			2
87					1					1
88										
89										
90										
TOTAL	80	75	537	239	73	299	72	61	56	1,492
Samples	1	1	5	3	1	3	1	1	1	17

Table 35
Albacore Length Frequencies
Astoria--September 1967

Length (cm)	Area						Not assigned	Total
	44-124	44-125	45-124	45-125	46-125	46-126		
50								
51								
52								
53		1		2				3
54		3		1				4
55		11				2		13
56		9				4		13
57		7				2		9
58		4						4
59		1						1
60		1		2				3
61		3		4		4		11
62		1		4		4		9
63		4	1	10		6		21
64		2	1	11		13		27
65		10	3	5		23		41
66	2	7	4	14		19		46
67	3	7	4	8		13	1	36
68		2	3	6		7		18
69	2		9	4		7	2	24
70	2	1	7	3		2	2	17
71			5	2			2	9
72	2		7	1			2	12
73	2		7	1			2	12
74	2		4	3			2	11
75	5		7	3			4	19
76	5		4				12	21
77	16		9	3	2		24	54
78	13		6	4			12	35
79	23		19	2	1		21	66
80	24		5	1	6		12	48
81	9		11	1	2		10	33
82	9		3				11	23
83	7		2	1	1		2	13
84	5		4				6	15
85	6		2				2	10
86	2				1		2	5
87	1						1	2
88	2		2				1	5
89			1		1			2
90								
TOTAL	142	74	130	96	14	106	133	695
Samples	2	1	2	1	1	1	1	9

Table 36
 Albacore Length Frequencies
 Newport--August 1967

Length (cm)	Area
	Not assigned
50	1
51	
52	
53	1
54	4
55	
56	1
57	2
58	4
59	8
60	31
61	29
62	32
63	23
64	21
65	9
66	5
67	1
68	
69	
70	1
71	
72	1
73	
74	3
75	
76	1
77	
78	
79	
80	
TOTAL	178
Samples	1

Table 37
 Albacore Length-Frequency Distributions
 in Per Cent by Month and Year, 1961-67

Length (cm)	1961			1962		
	July	Aug.	Sept.	July	Aug.	Sept.
48		0.0				
49		0.1			0.0	
50		0.1			0.1	0.0
1		0.4			0.2	0.1
2		0.5			0.4	0.8
3		0.3			0.2	1.9
4	0.0	0.9	0.0	0.0	0.3	1.3
5	2.4	0.4	0.4	0.2	0.4	0.9
6	0.0	0.7	0.0	0.0	0.5	1.0
7	0.0	1.0	0.4	0.0	0.4	1.6
8	0.0	1.0	0.0	0.4	0.9	0.8
9	0.0	0.5	0.4	0.0	1.6	1.4
60	0.0	0.3	0.8	1.1	5.0	2.6
1	4.8	1.5	0.4	5.0	12.4	5.9
2	7.1	4.1	2.5	12.0	20.3	12.8
3	2.4	3.8	3.8	19.5	22.8	15.6
4	2.4	7.9	5.0	23.4	16.4	20.9
5	4.8	9.4	7.1	18.8	9.1	14.1
6	0.0	7.8	6.7	9.6	4.5	7.8
7	0.0	6.3	7.5	2.6	1.7	2.7
8	0.0	2.5	7.5	1.8	0.6	2.0
9	2.4	1.7	1.7	0.2	0.4	0.6
70	0.0	0.5	0.8	0.7	0.3	0.5
1	0.0	0.4	0.8	0.4	0.2	0.3
2	2.4	0.4	0.4	1.3	0.1	0.5
3	2.4	1.0	0.4	0.4	0.2	0.5
4	2.4	2.2	0.0	0.7	0.1	0.5
5	21.4	3.6	0.8	0.2	0.2	0.7
6	9.5	6.7	4.2	0.7	0.4	0.7
7	9.5	7.5	5.0	0.0	0.2	0.2
8	7.1	10.2	9.2	0.4	0.1	0.3
9	7.1	7.2	8.3	0.4	0.2	0.3
80	4.8	3.8	12.1	0.0	0.1	0.3
1	4.8	2.8	6.7		T	0.1
2	2.4	1.3	2.5		T	0.2
3	0.0	0.4	2.5		0.0	0.0
4		0.5	0.4			0.1
5		0.0	1.3			0.0
6		0.0	0.4			0.0
7		0.0	0.0			
8		0.0				
9		0.0				
90		0.0				
1		0.0				
2		0.0				
3		0.0				
4		0.0				
5		0.1				
6		0.0				
No. of Fish Sampled	42	923	240	457	3,952	861

Table 37 Continued

Length (cm)	1963			1965		
	July	Aug.	Sept.	July	Aug.	Sept.
50			0.0			
1		0.0	0.6			
2		0.1	0.0		0.0	
3		0.1	0.6		0.2	
4		0.2	1.9		0.0	
5		0.1	0.0		0.2	
6		0.1	0.0	0.0	0.0	
7		0.1	0.0	0.7	0.0	
8		0.1	0.0	0.8	0.1	
9	0.0	0.4	0.0	0.0	0.2	
60	2.0	1.8	1.9	2.2	0.6	0.0
1	2.7	4.8	6.9	3.0	1.4	0.7
2	12.2	12.3	7.5	14.2	3.8	0.7
3	12.8	19.3	17.6	24.6	11.0	3.7
4	21.6	20.0	11.3	22.4	14.8	3.7
5	12.2	12.6	10.7	12.7	19.1	6.6
6	6.8	7.3	8.2	4.5	15.2	12.4
7	5.4	3.4	0.6	6.7	11.9	7.3
8	4.7	1.7	0.6	4.5	7.5	3.7
9	2.7	1.2	0.6	0.0	3.2	3.7
70	0.7	1.1	0.0	0.8	1.7	1.5
1	0.7	1.0	1.9	0.0	1.1	2.9
2	3.4	1.6	1.3	0.8	1.0	1.5
3	2.0	1.5	2.5	0.7	1.7	4.4
4	2.7	1.9	3.1	0.0	1.2	4.4
5	5.4	2.5	4.4	0.0	0.8	10.2
6	1.4	1.9	6.9	0.0	1.4	8.0
7	0.0	1.3	4.4	0.7	0.5	8.0
8	0.0	0.3	1.9	0.0	0.7	3.6
9	0.7	0.9	1.9	0.0	0.3	7.3
80	0.0	0.5	1.9	0.7	0.3	2.9
1		0.0	0.6	0.0	0.1	0.0
2		0.1	0.0		0.0	0.7
3		0.0				0.7
4						0.7
5						0.0
6						0.7
7						0.0
No. of Fish Sampled	148	1,722	159	134	1,223	137

Table 37 Continued

Length (cm)	1966			1967		
	July	Aug.	Sept.	July	Aug.	Sept.
50		0.1			0.1	
1					0.1	
2					0.1	
3		0.1			0.1	0.4
4		0.1			0.4	0.6
55	0.2	0.1			0.2	1.9
6		0.3			0.6	1.9
7		0.4			1.0	1.3
8	0.6	0.5		0.8	1.9	0.6
9	0.2	0.3		0.8	3.2	0.1
60	0.6	0.7		2.3	8.4	0.4
1	1.0	1.9		6.6	11.3	1.6
2	4.5	3.9		12.1	11.9	1.3
3	9.9	8.3	0.9	15.2	11.1	3.0
4	9.9	9.9		14.1	11.6	3.9
65	17.6	13.1	0.9	10.2	7.2	5.9
6	14.0	10.4	2.8	6.6	3.8	6.6
7	13.8	11.0	0.9	3.9	2.6	5.2
8	10.4	8.3	1.9	5.1	1.5	2.6
9	5.2	7.1	0.9	2.7	1.0	3.5
70	2.1	3.3	2.8	0.4	1.3	2.4
1	2.1	1.3	1.9	1.2	1.2	1.3
2	0.8	1.5	2.8	0.4	1.2	1.7
3	0.6	1.3	2.8	1.6	2.5	1.7
4	1.1	2.0	5.6	1.6	2.2	1.6
75	1.3	2.3	6.6	2.3	2.5	2.7
6	0.6	3.4	8.4	2.3	2.6	3.0
7	1.0	1.7	4.7	2.7	2.1	7.8
8	1.1	2.2	21.5	0.4	1.6	5.0
9	0.8	1.6	10.3	2.7	1.3	9.5
80	0.2	0.7	5.6	1.2	1.4	6.9
1	0.2	0.8	7.5	1.2	0.8	4.8
2		0.5	2.8		0.7	3.3
3		0.2	2.8	0.8	0.3	1.9
4	0.2	0.5			0.1	2.2
85			2.8	0.4	0.1	1.4
6		0.1			0.1	0.7
7		0.1	1.9		0.1	0.3
8			0.9	0.4		0.7
9						0.3
90						
No. of Fish Sampled	523	1,242	107	256	1,670	695

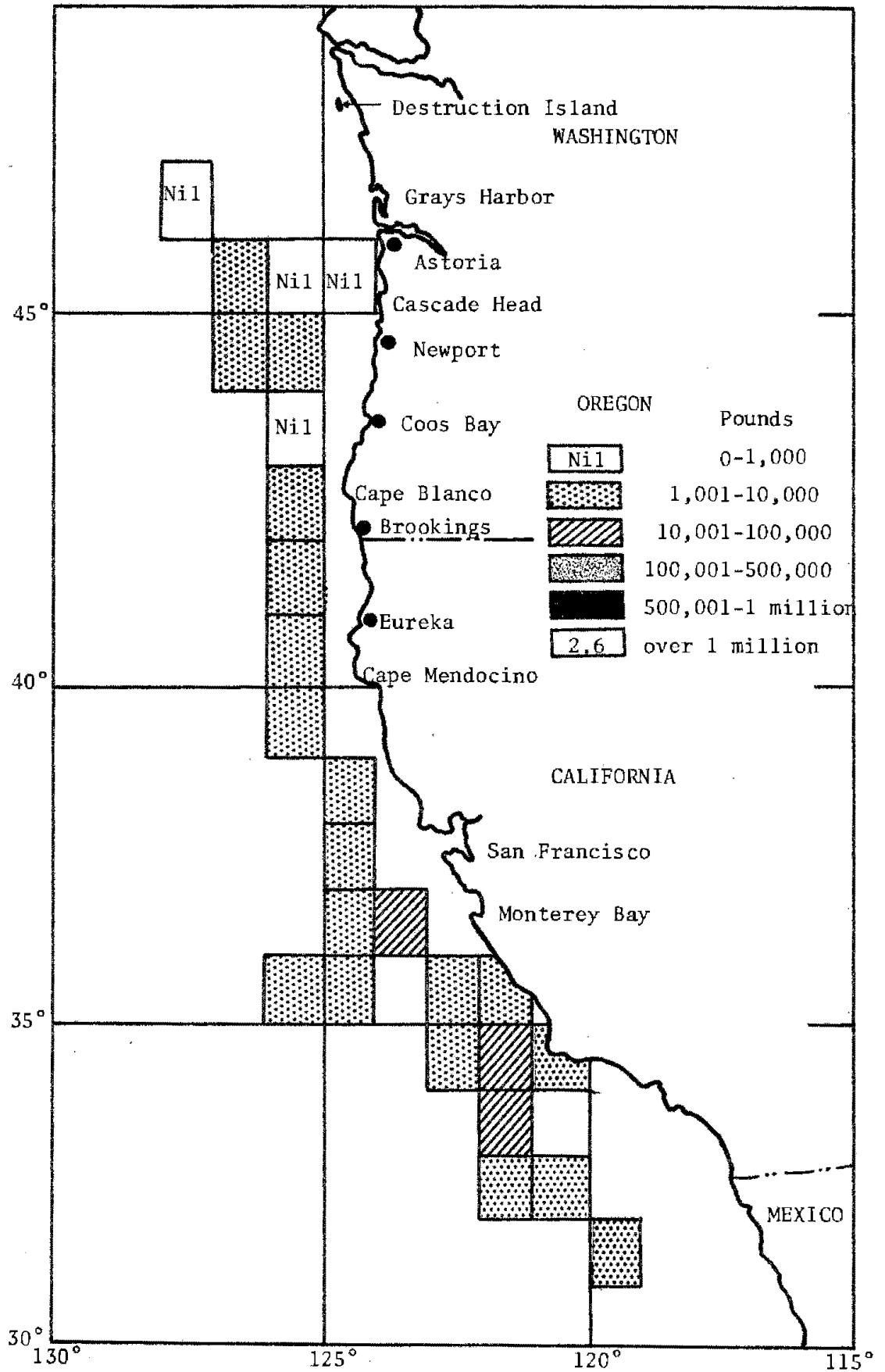


Figure 1. Catch localities for Pacific albacore, July 1961

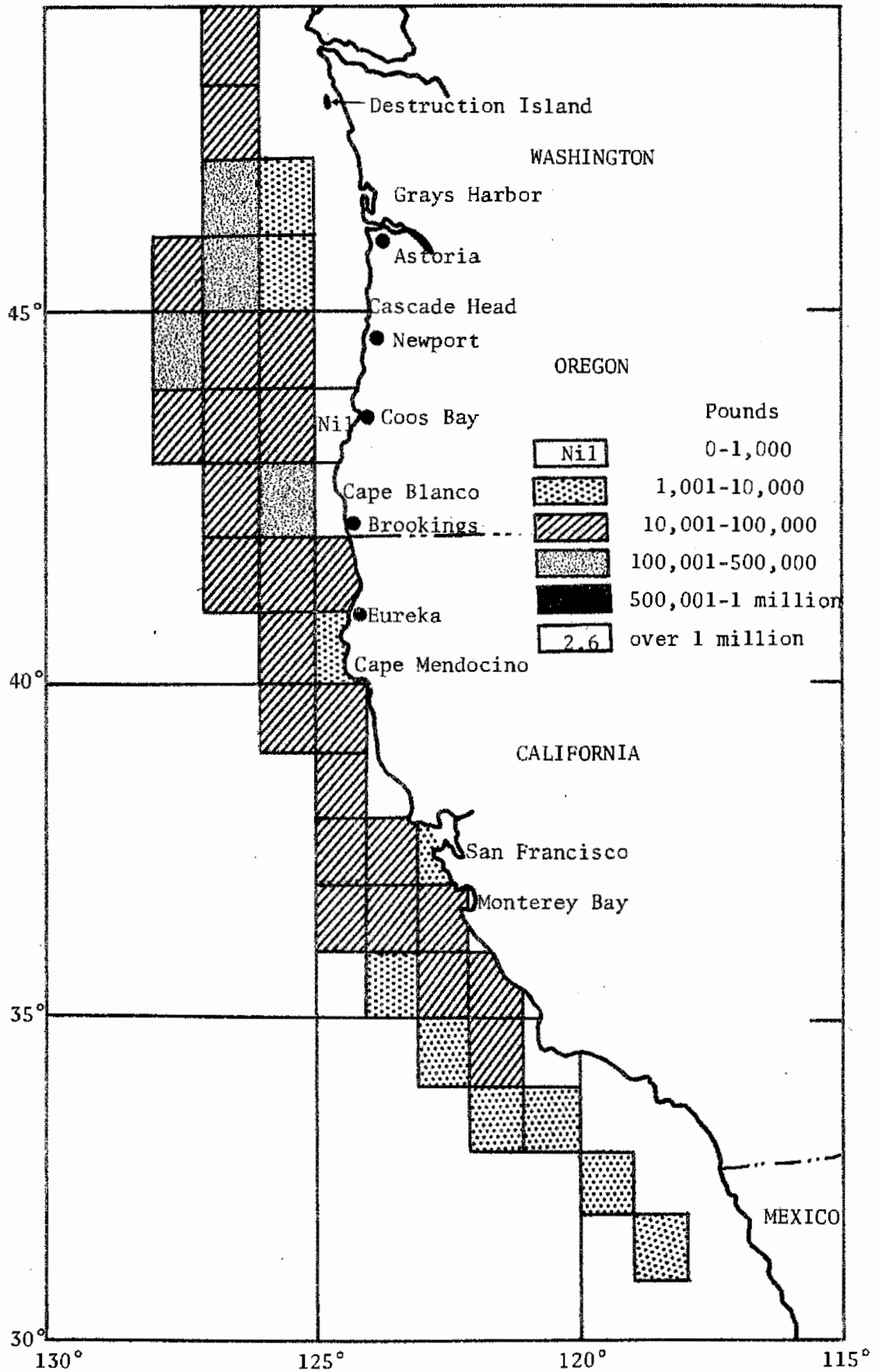


Figure 2. Catch localities for Pacific albacore, August 1961

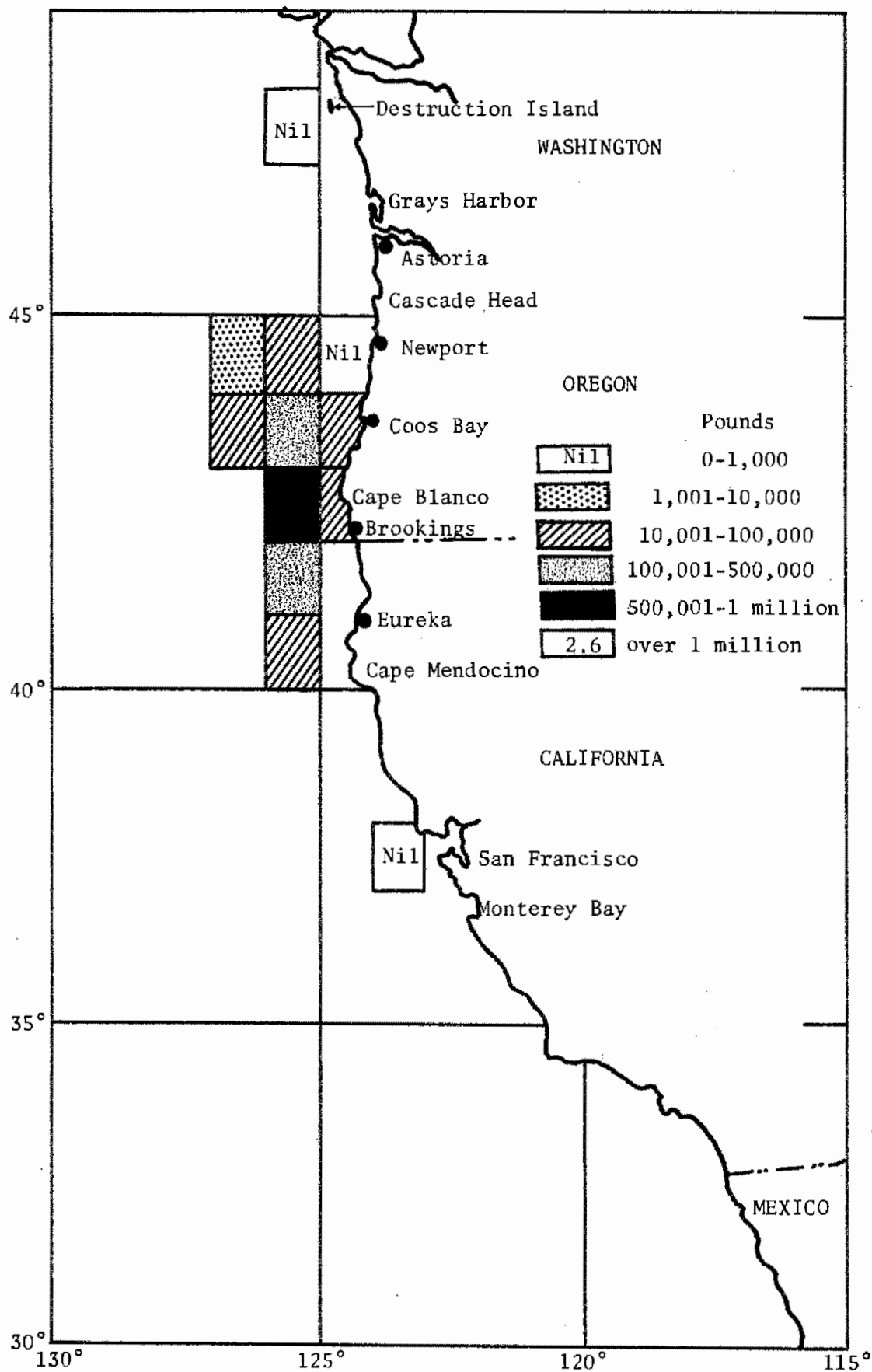


Figure 3. Catch localities for Pacific albacore, September 1961

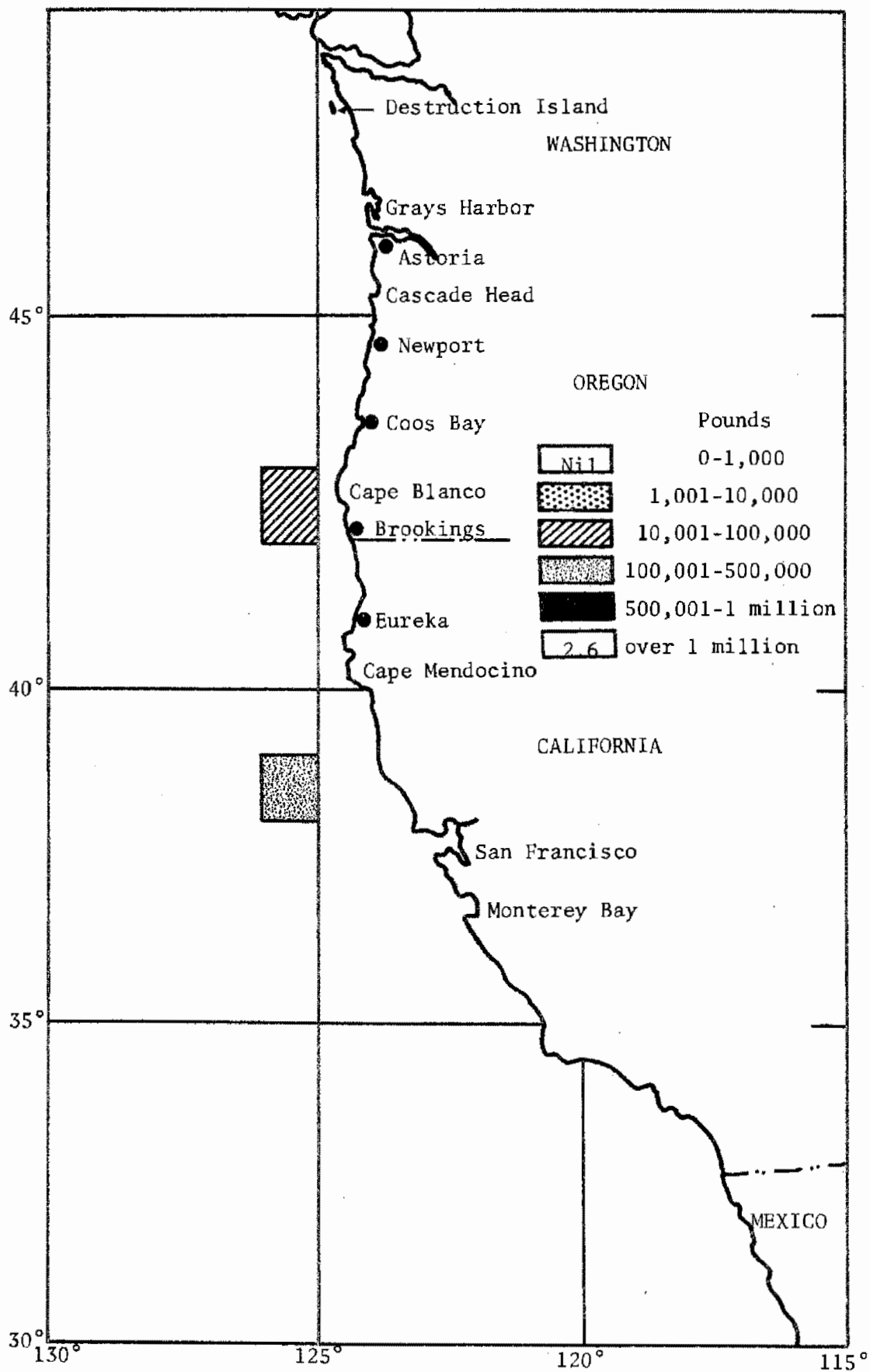


Figure 4. Catch localities for Pacific albacore, October 1961

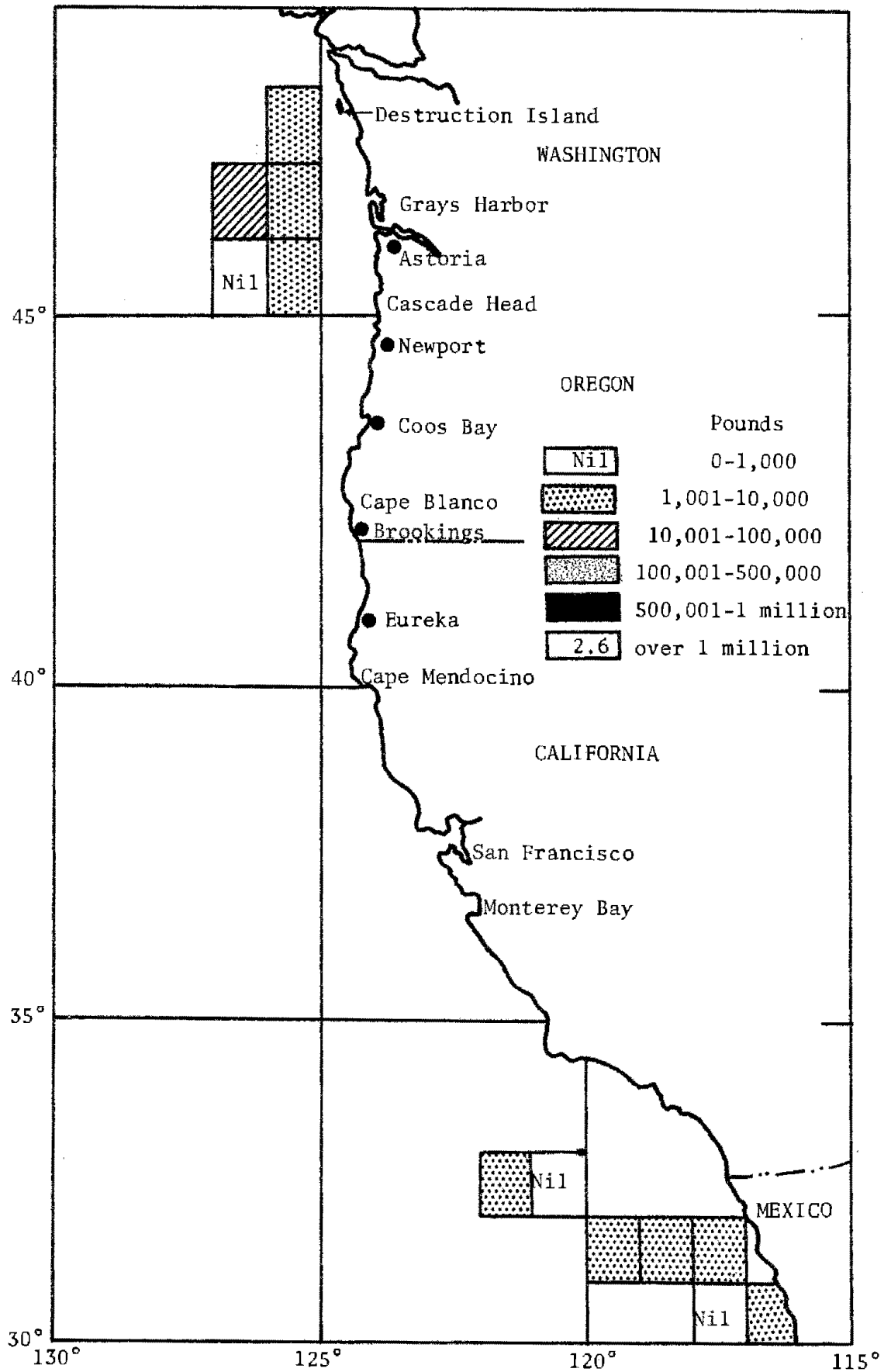


Figure 5. Catch localities for Pacific albacore, July 1962

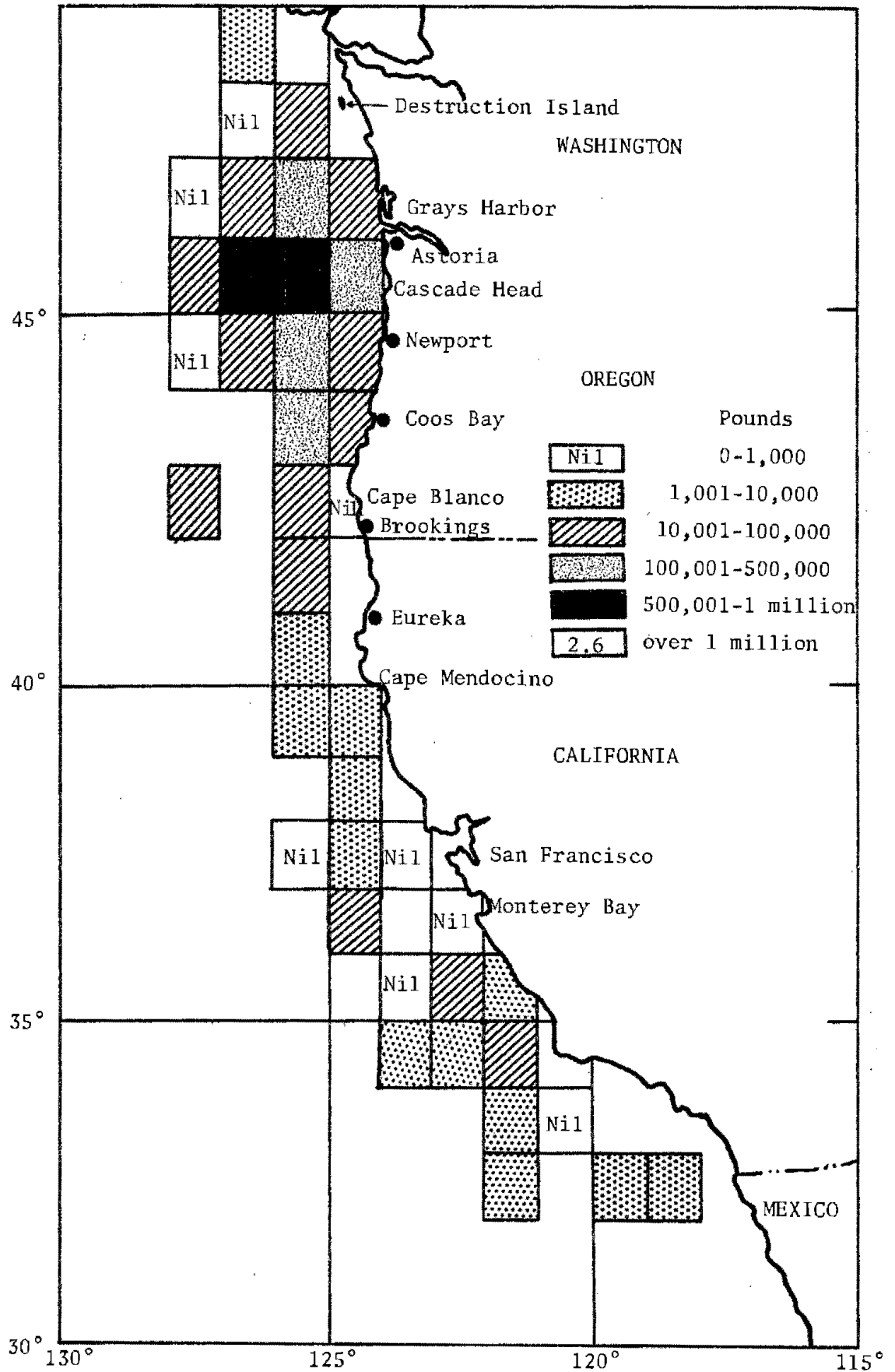


Figure 6. Catch localities for Pacific albacore, August 1962

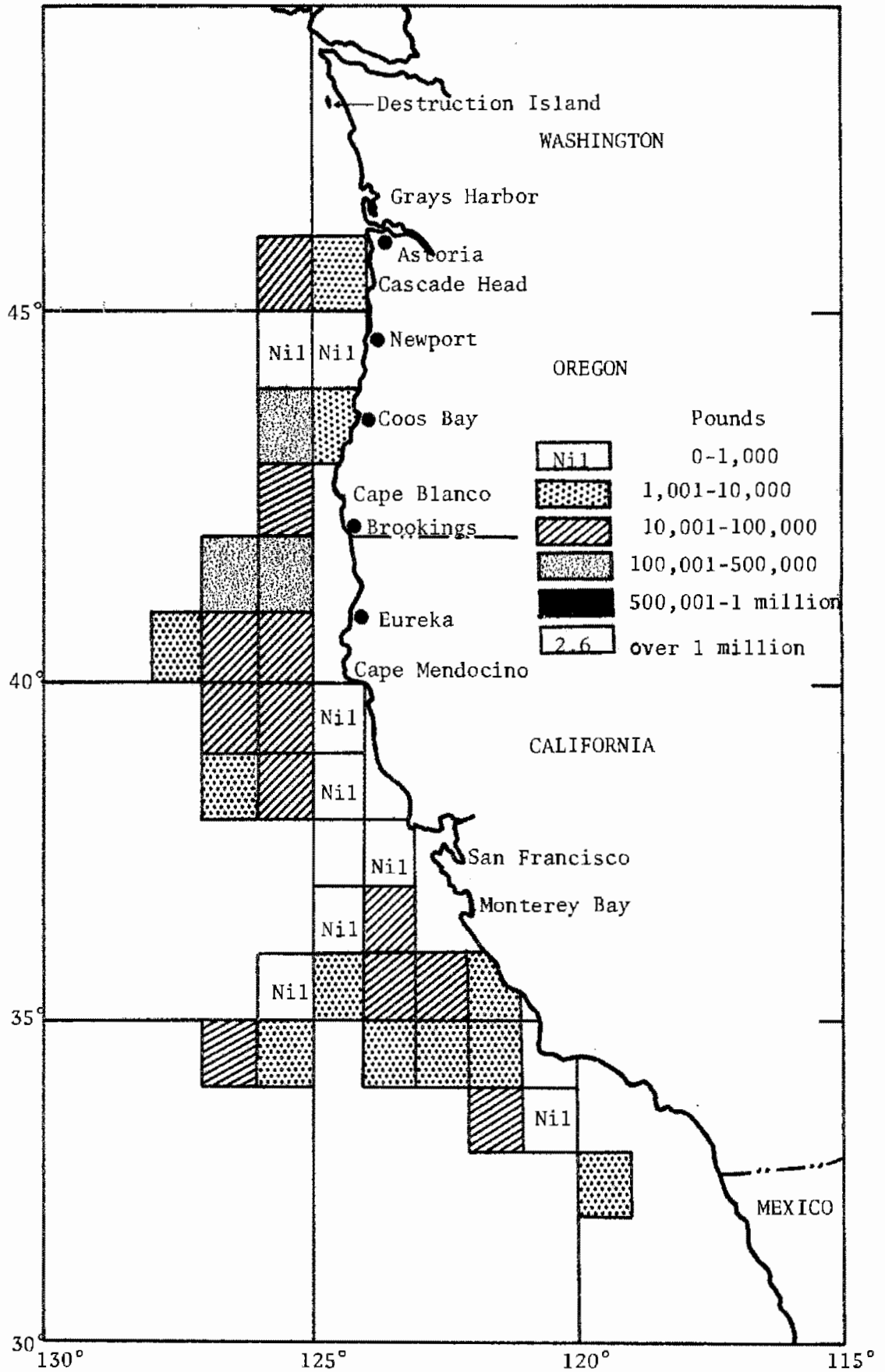


Figure 7. Catch localities for Pacific albacore, September 1962

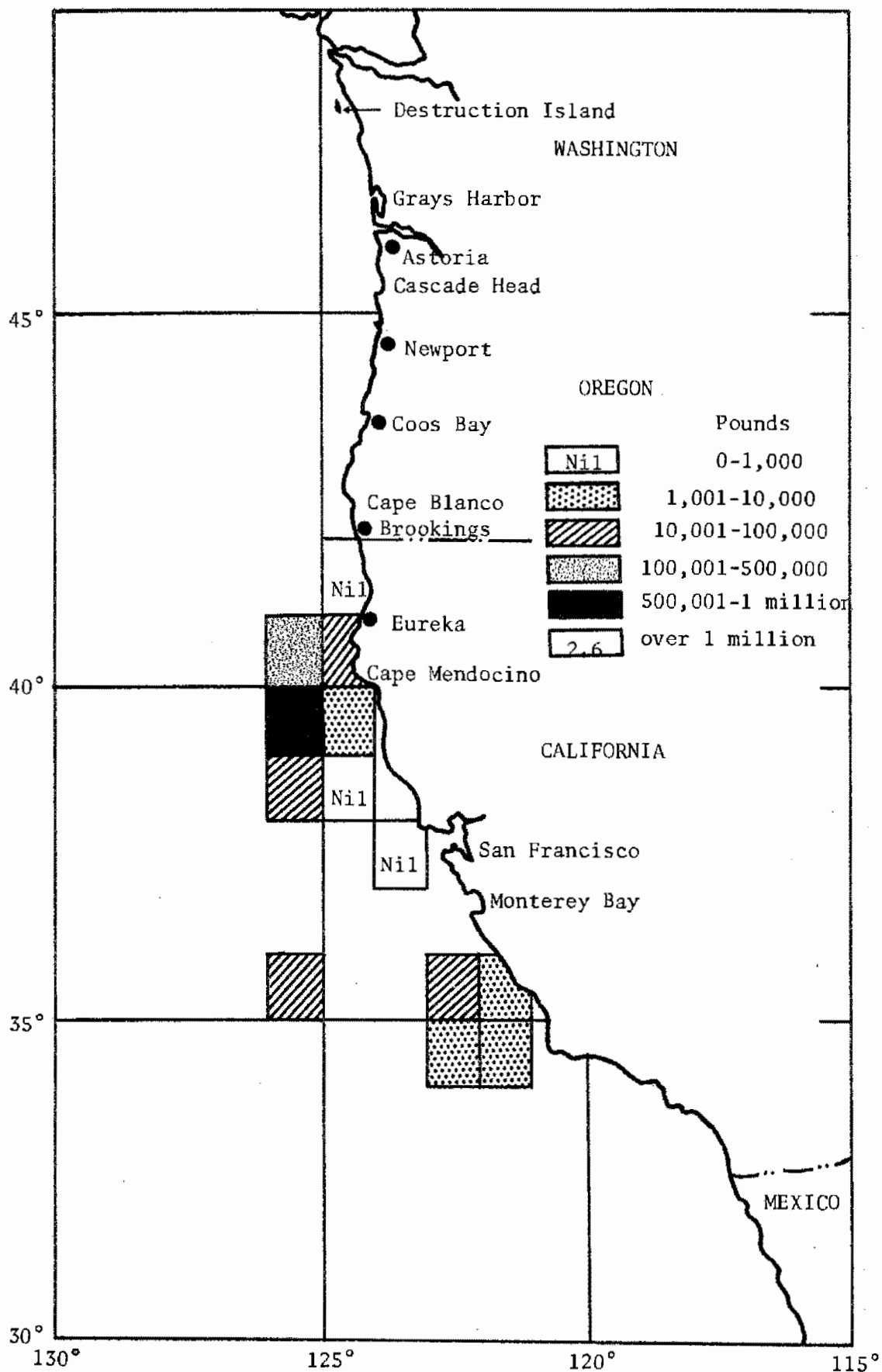


Figure 8. Catch localities for Pacific albacore, October 1962

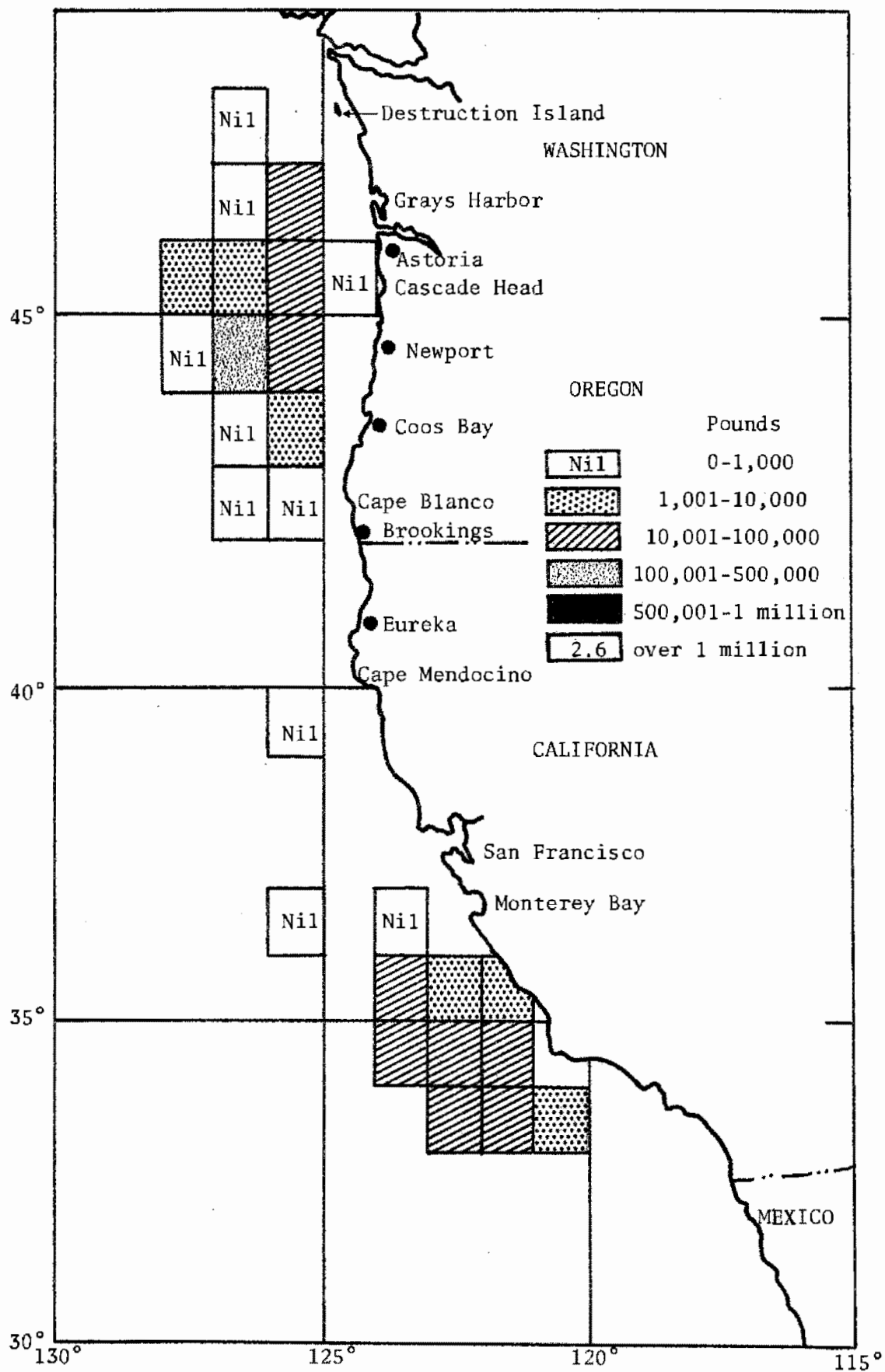


Figure 9. Catch localities for Pacific albacore, July 1963

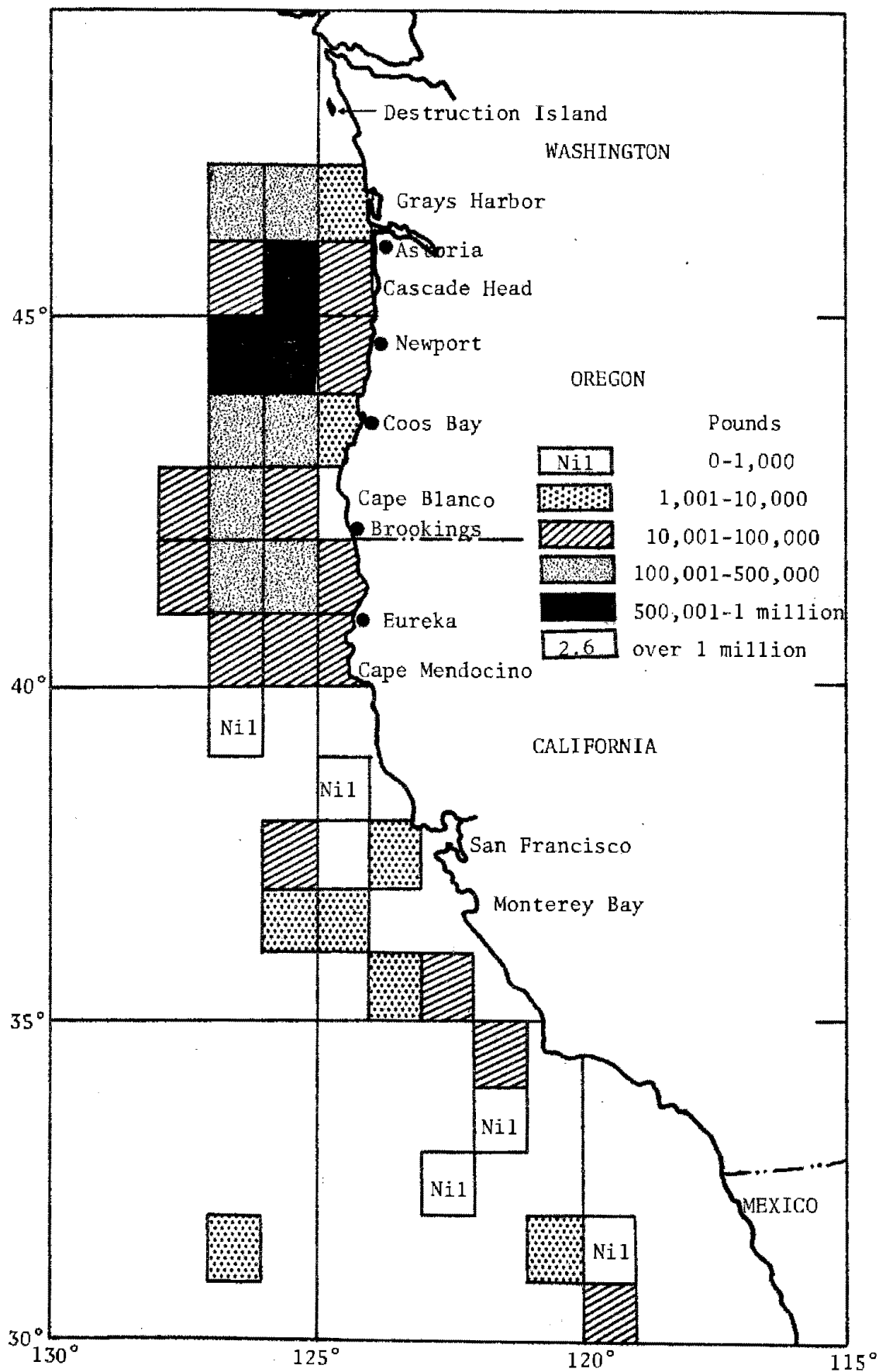


Figure 10. Catch localities for Pacific albacore, August 1963

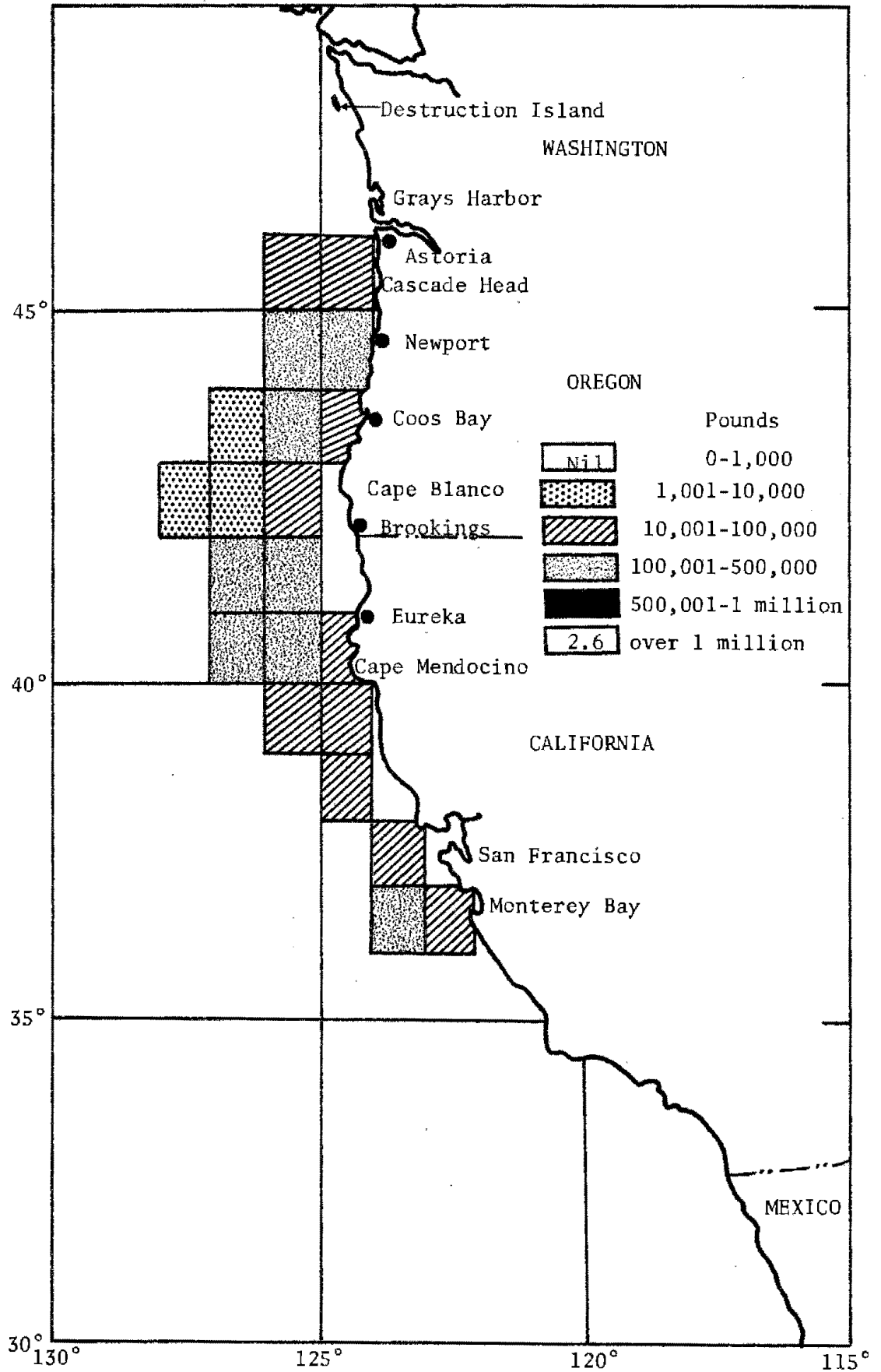


Figure 11. Catch localities for Pacific albacore, September 1963

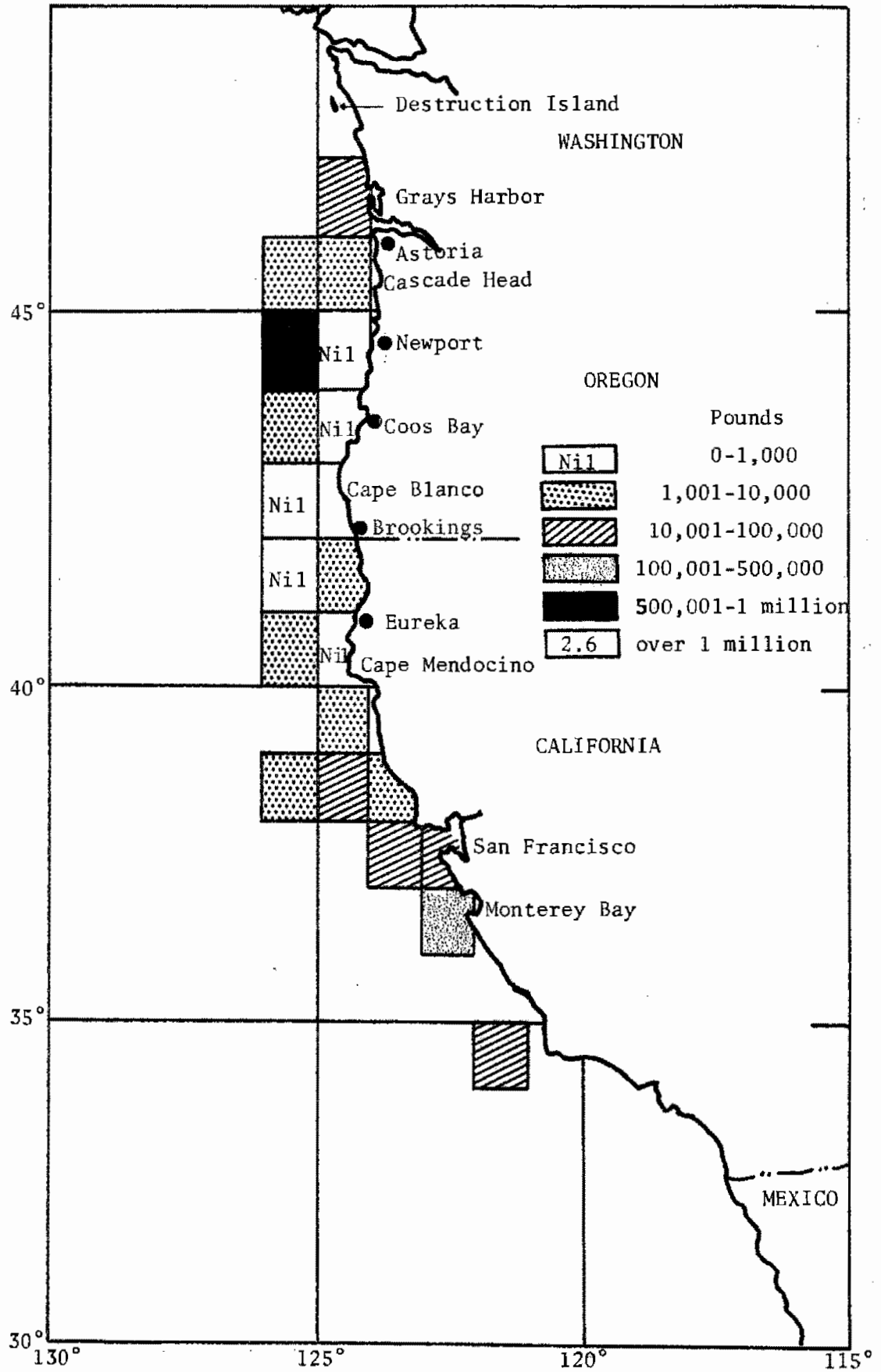


Figure 12. Catch localities for Pacific albacore, October 1963

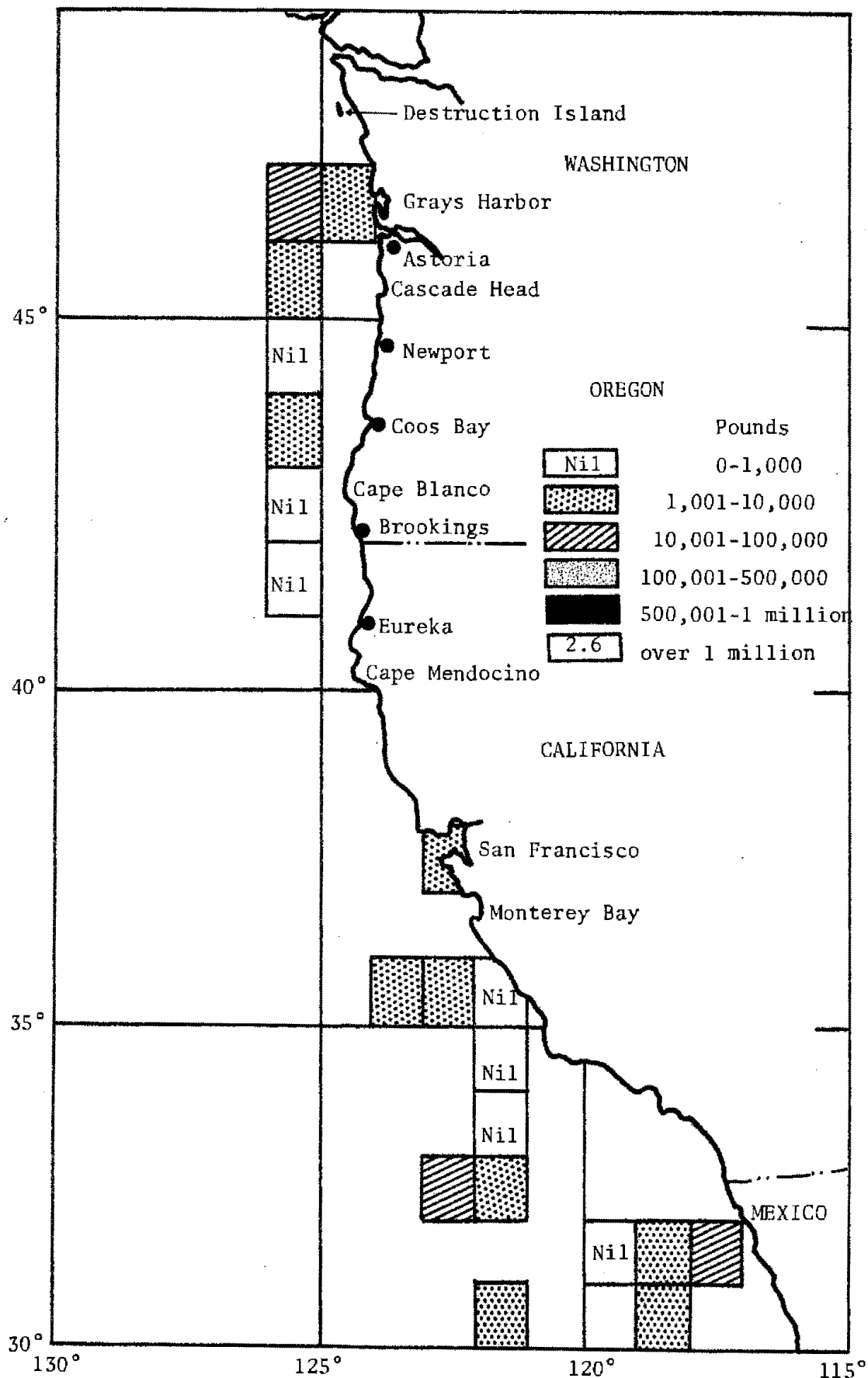


Figure 13. Catch localities for Pacific albacore, July 1964

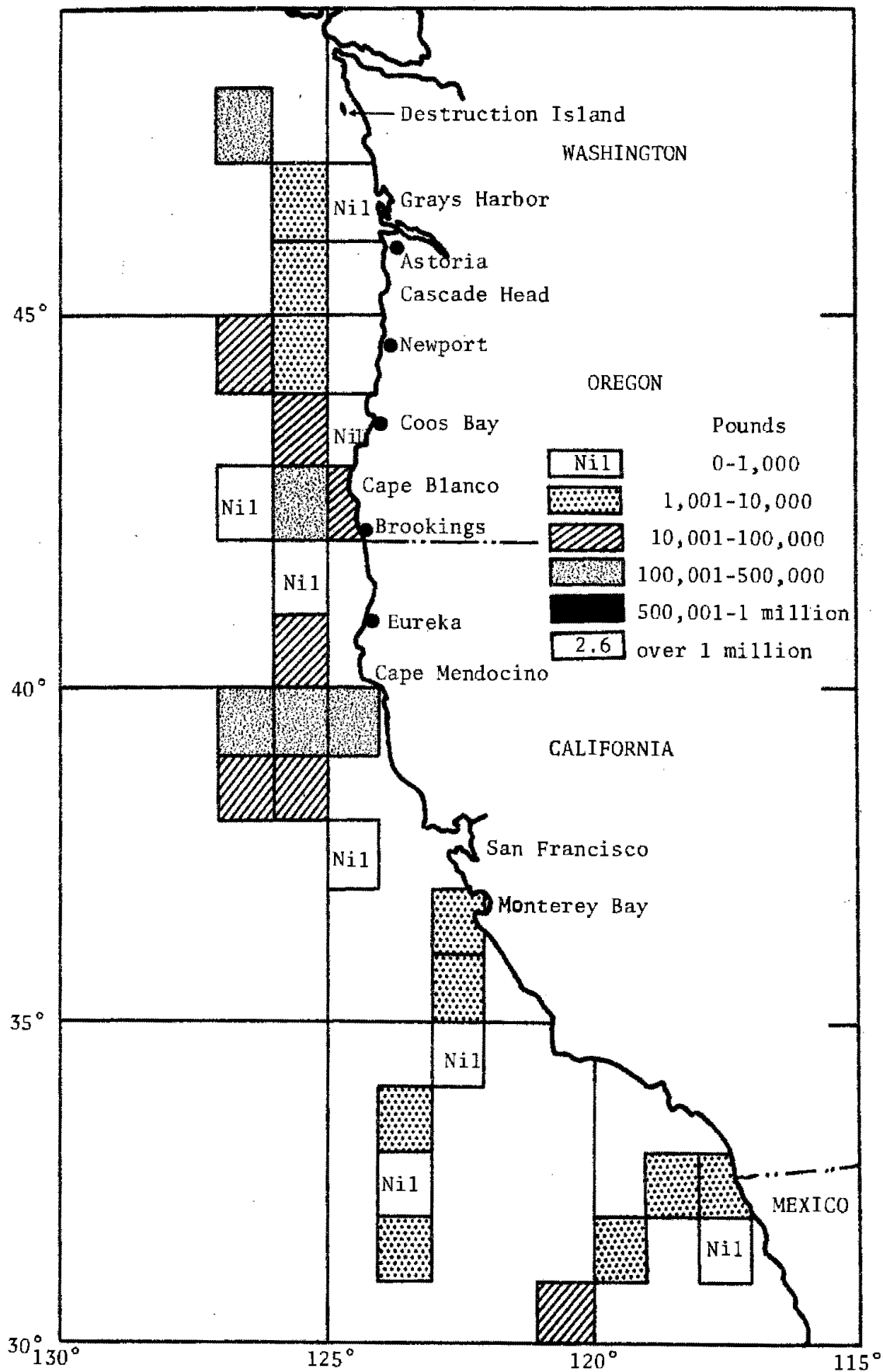


Figure 14. Catch localities for Pacific albacore, August 1964

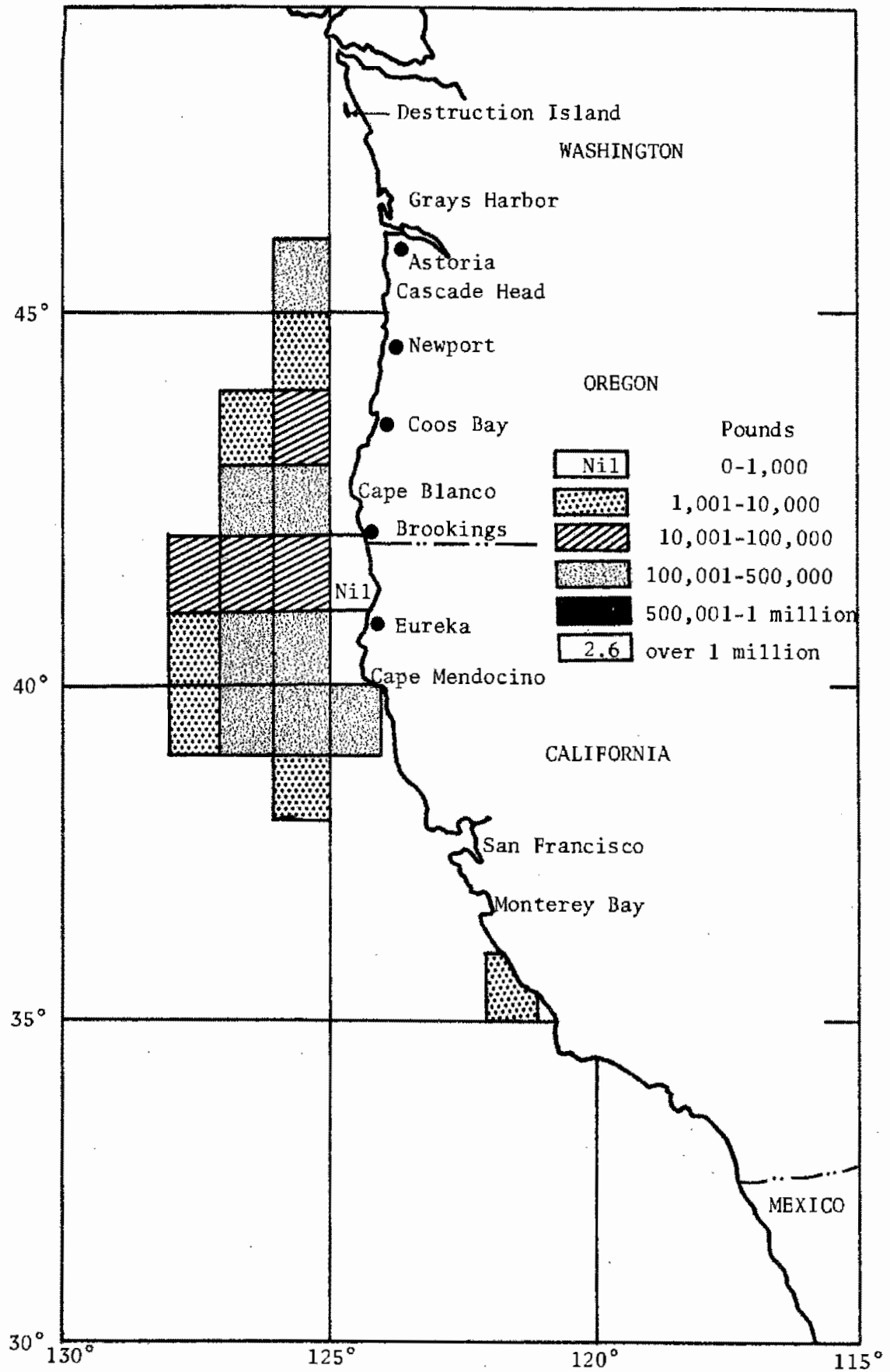


Figure 15. Catch localities for Pacific albacore, September 1964

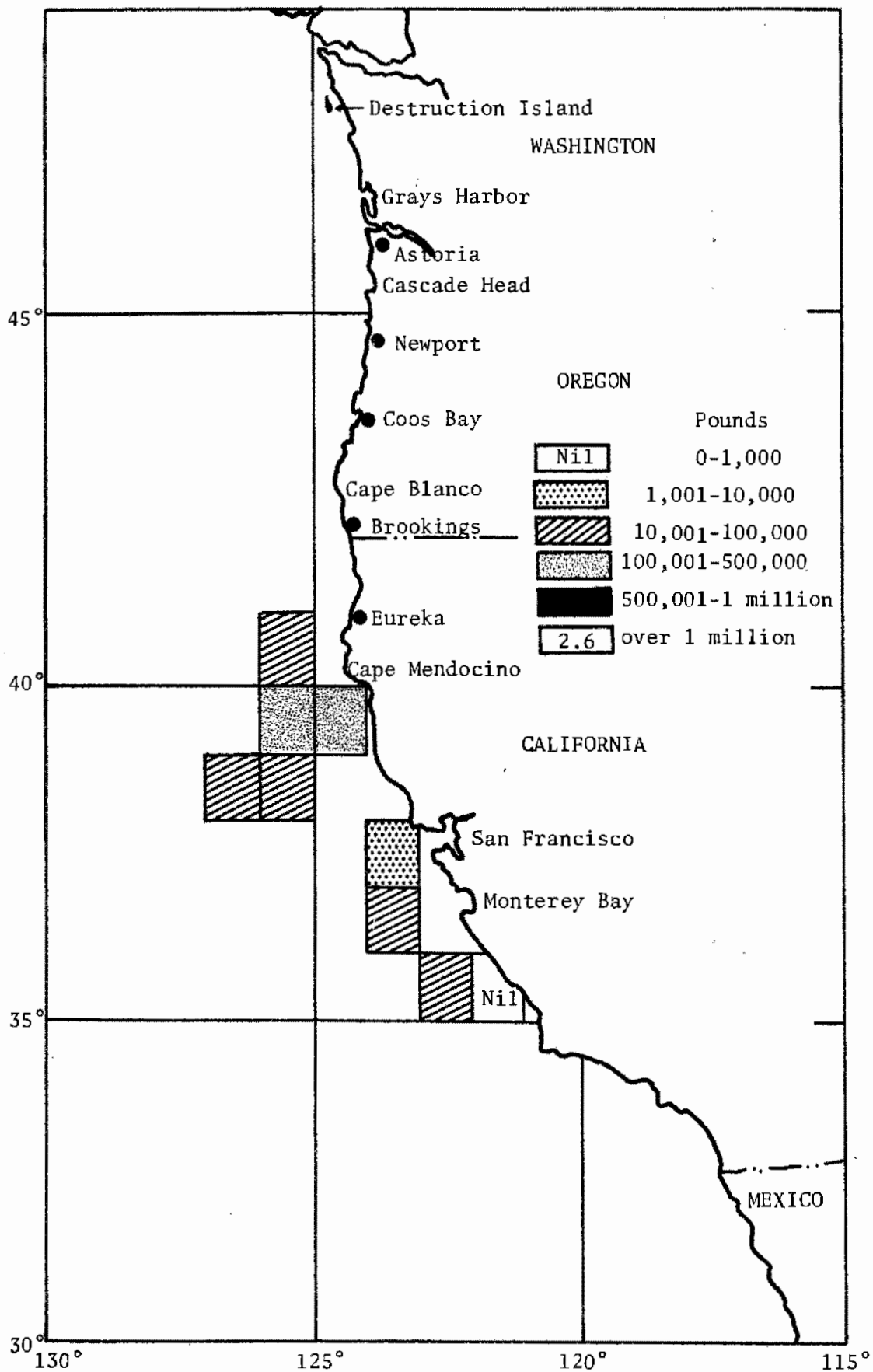


Figure 16. Catch localities for Pacific albacore, October 1964

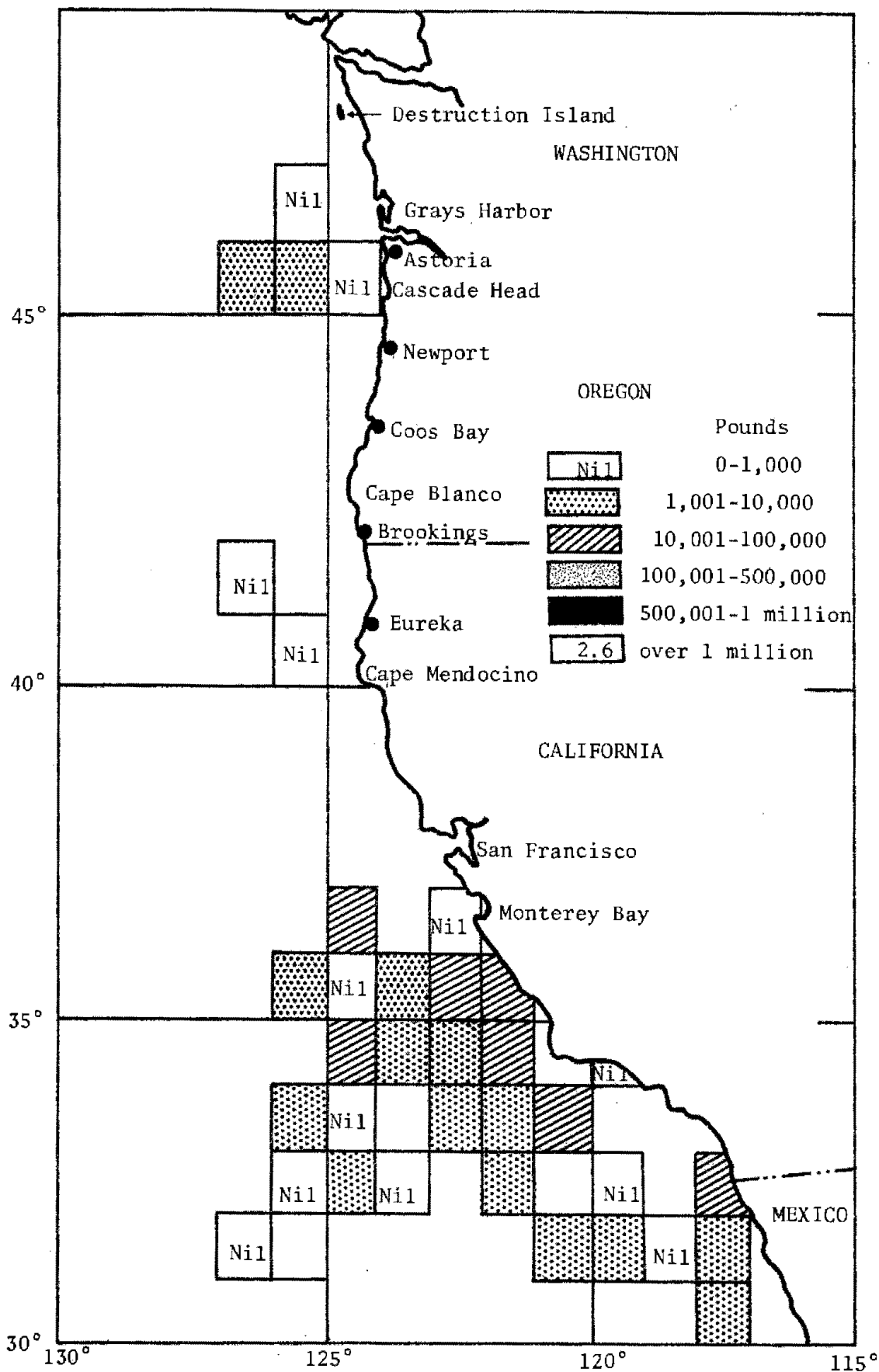


Figure 17. Catch localities for Pacific albacore, July 1965

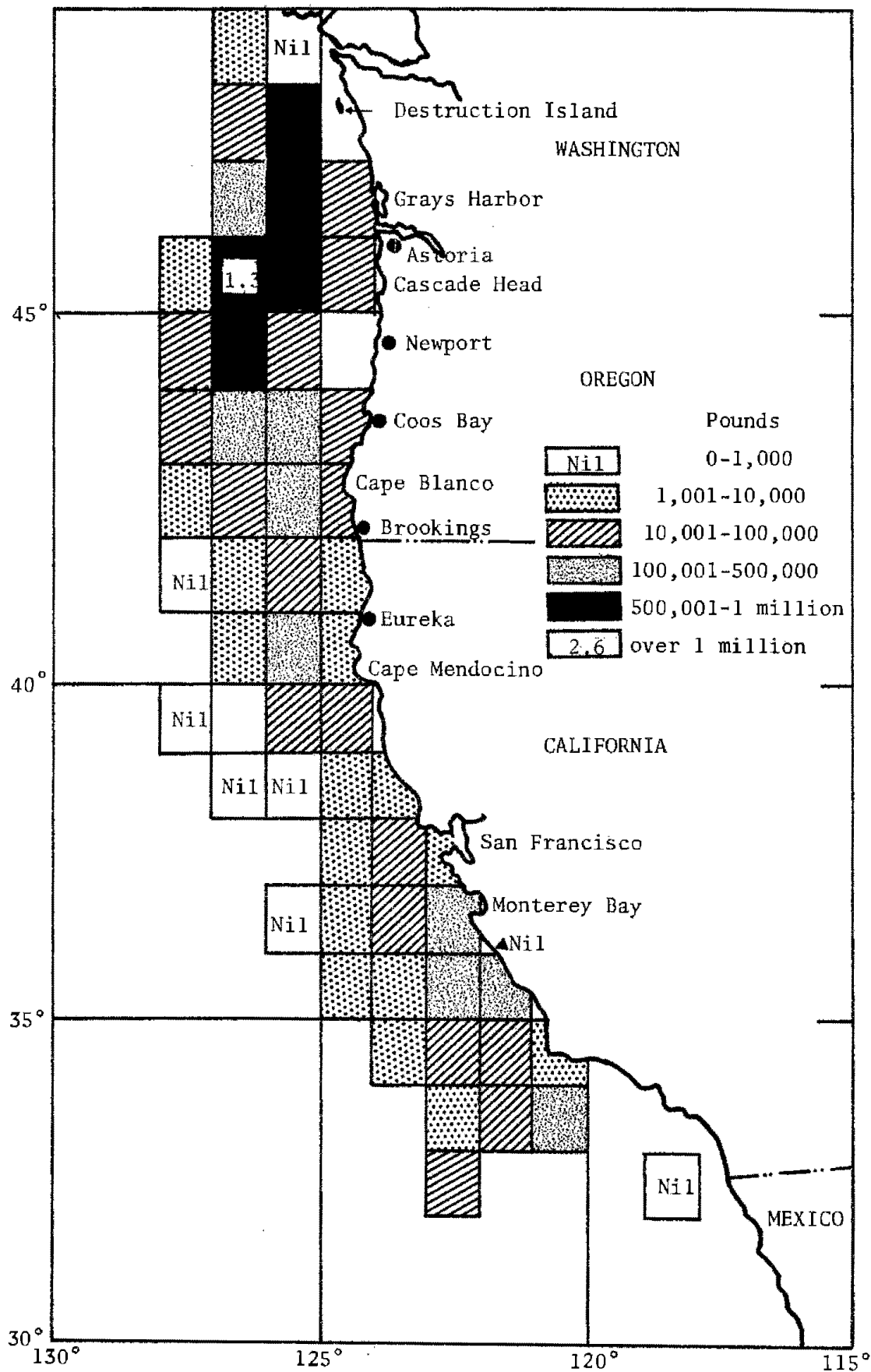


Figure 18. Catch localities for Pacific albacore, August 1965

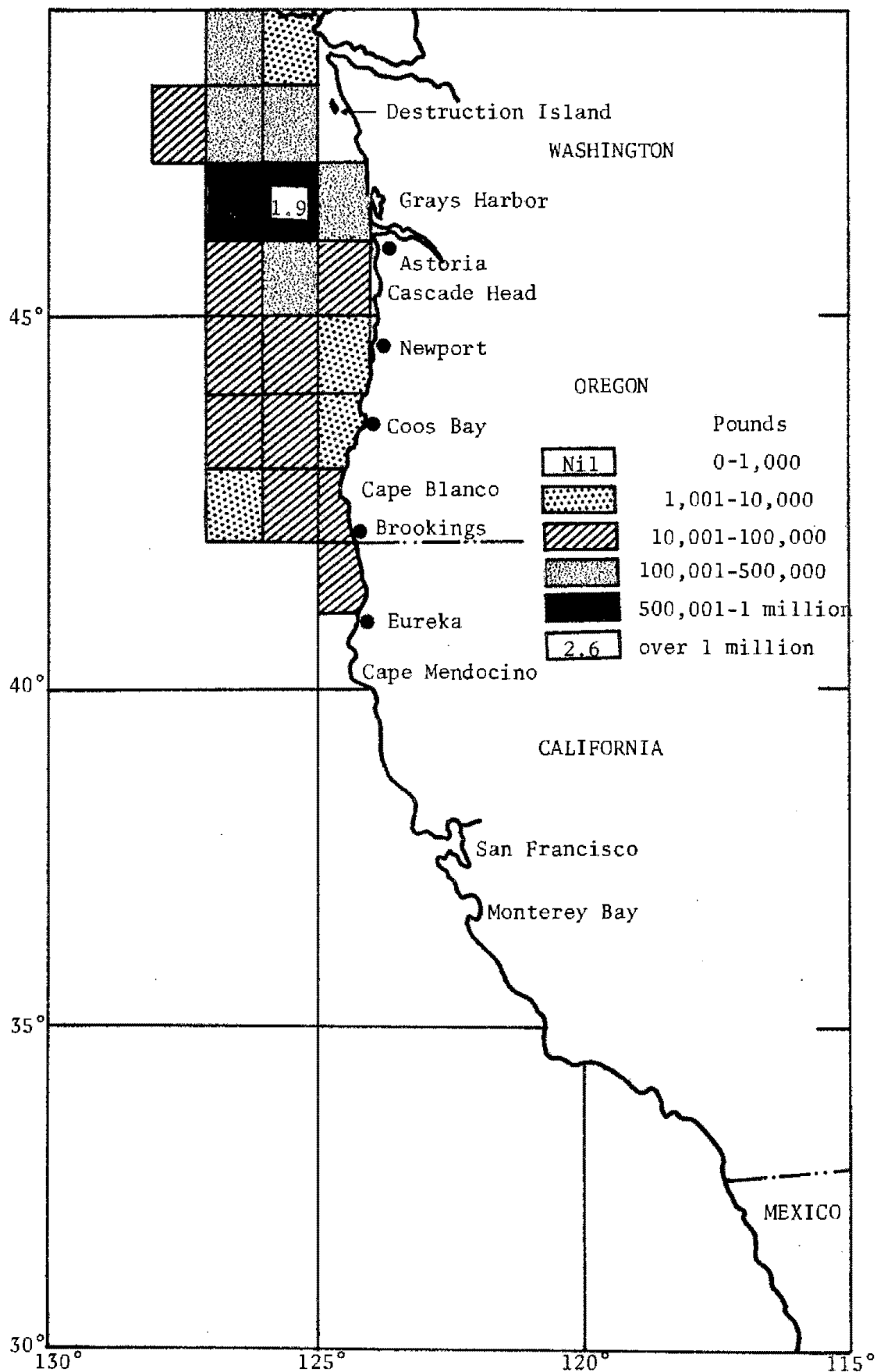


Figure 19. Catch localities for Pacific albacore, September 1965

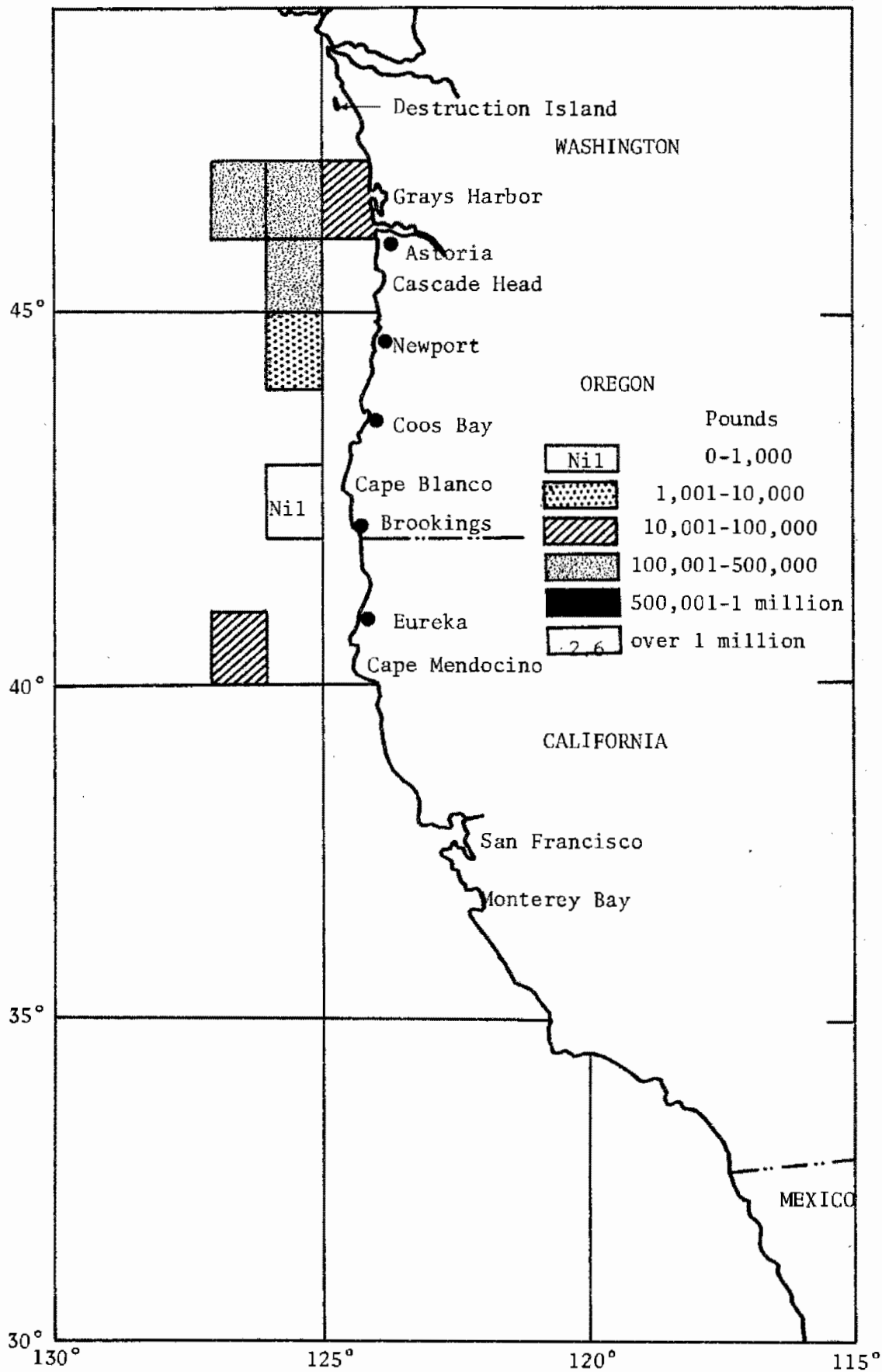


Figure 20. Catch localities for Pacific albacore, October 1965

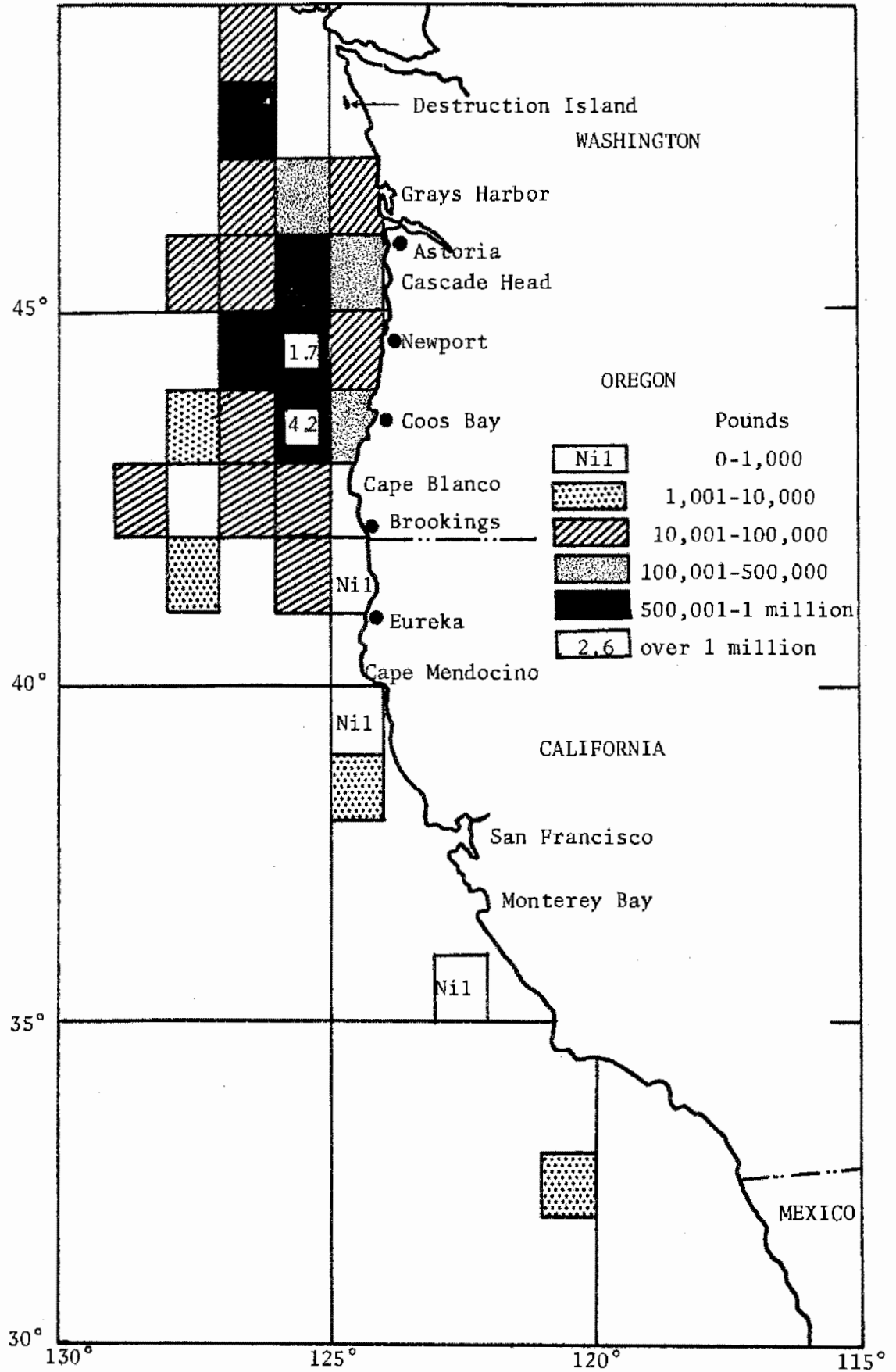


Figure 22. Catch localities for Pacific albacore, August 1966

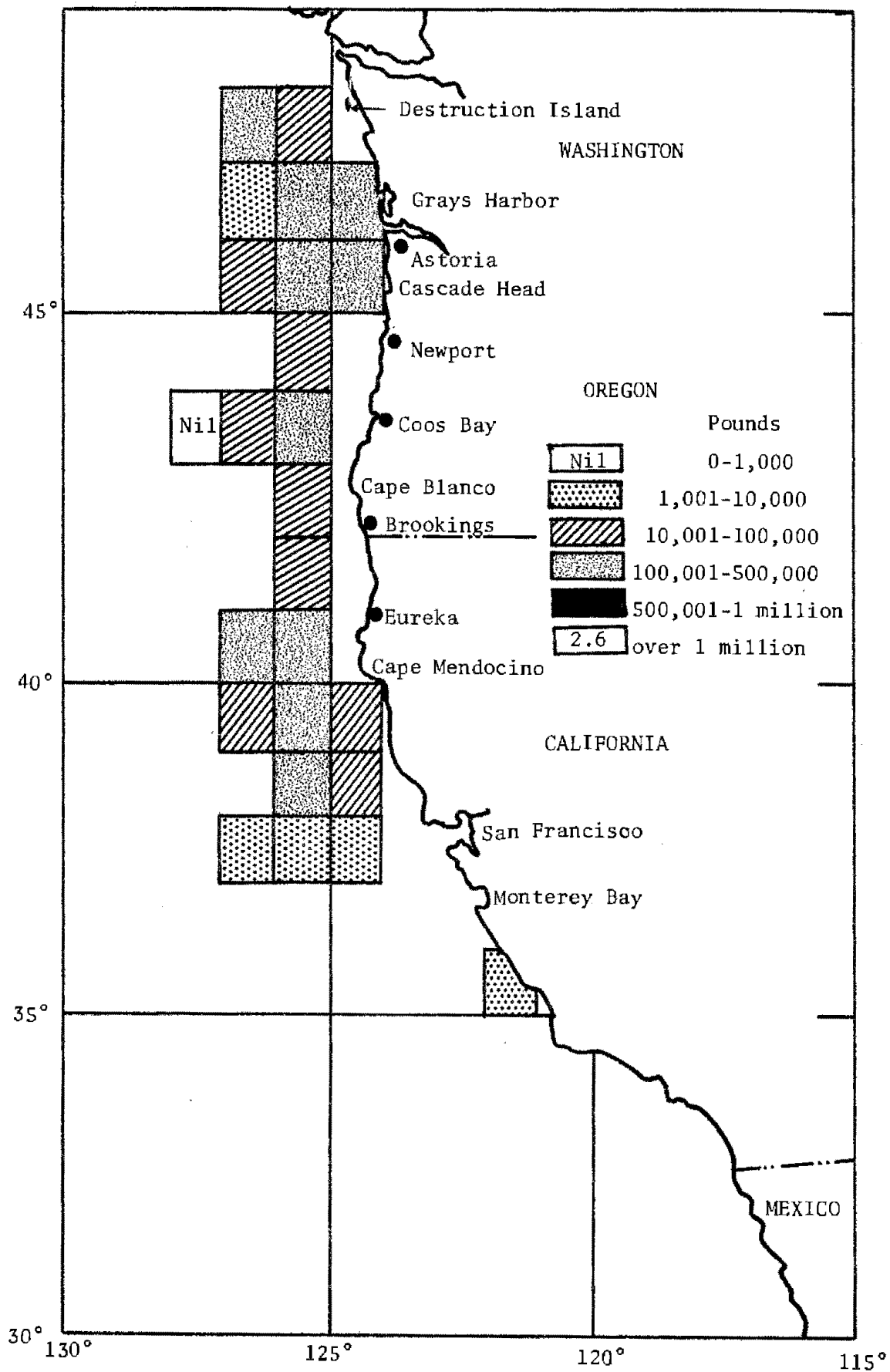


Figure 23. Catch localities for Pacific albacore, September 1966

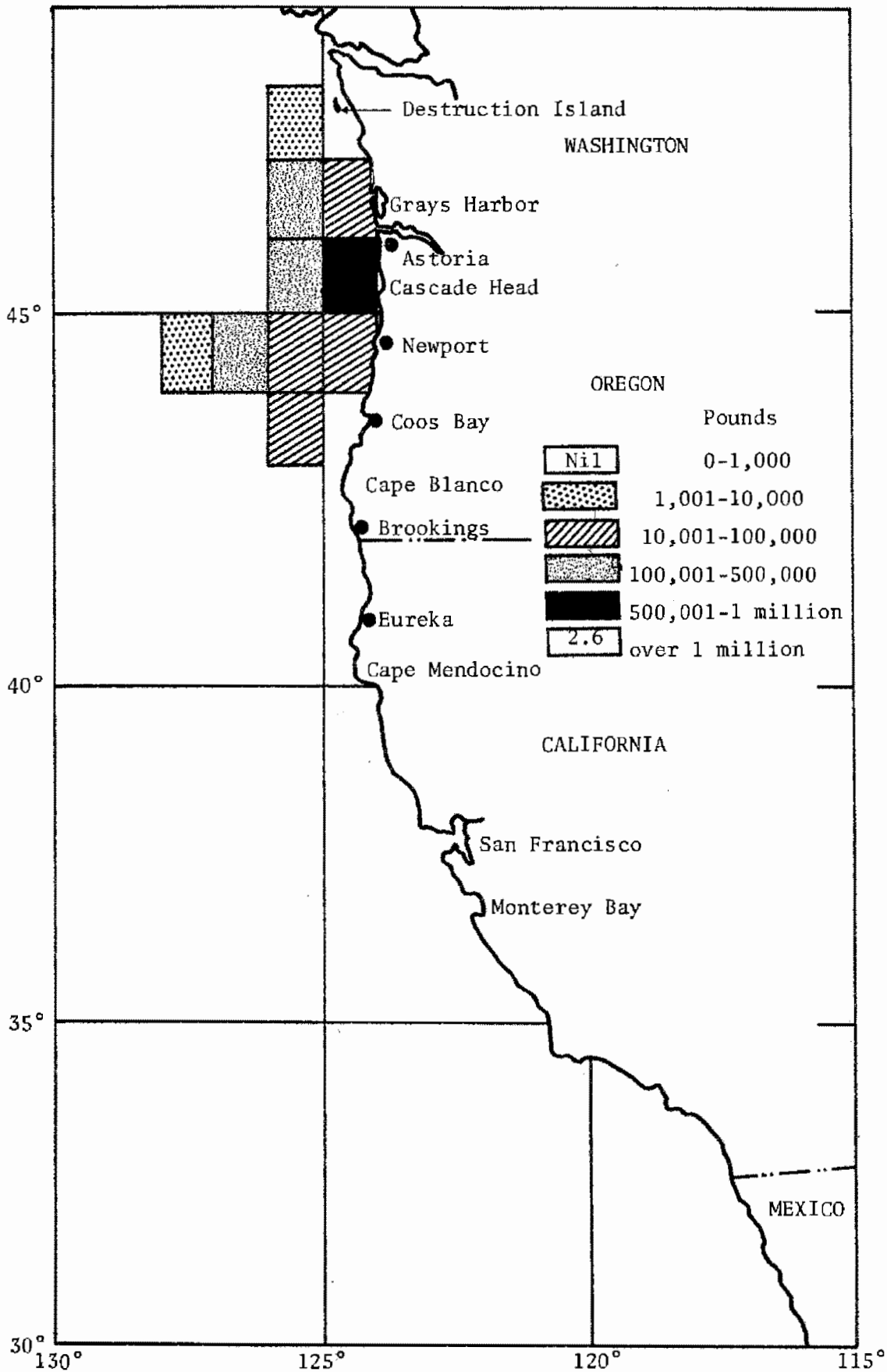


Figure 24. Catch localities for Pacific albacore, October 1966

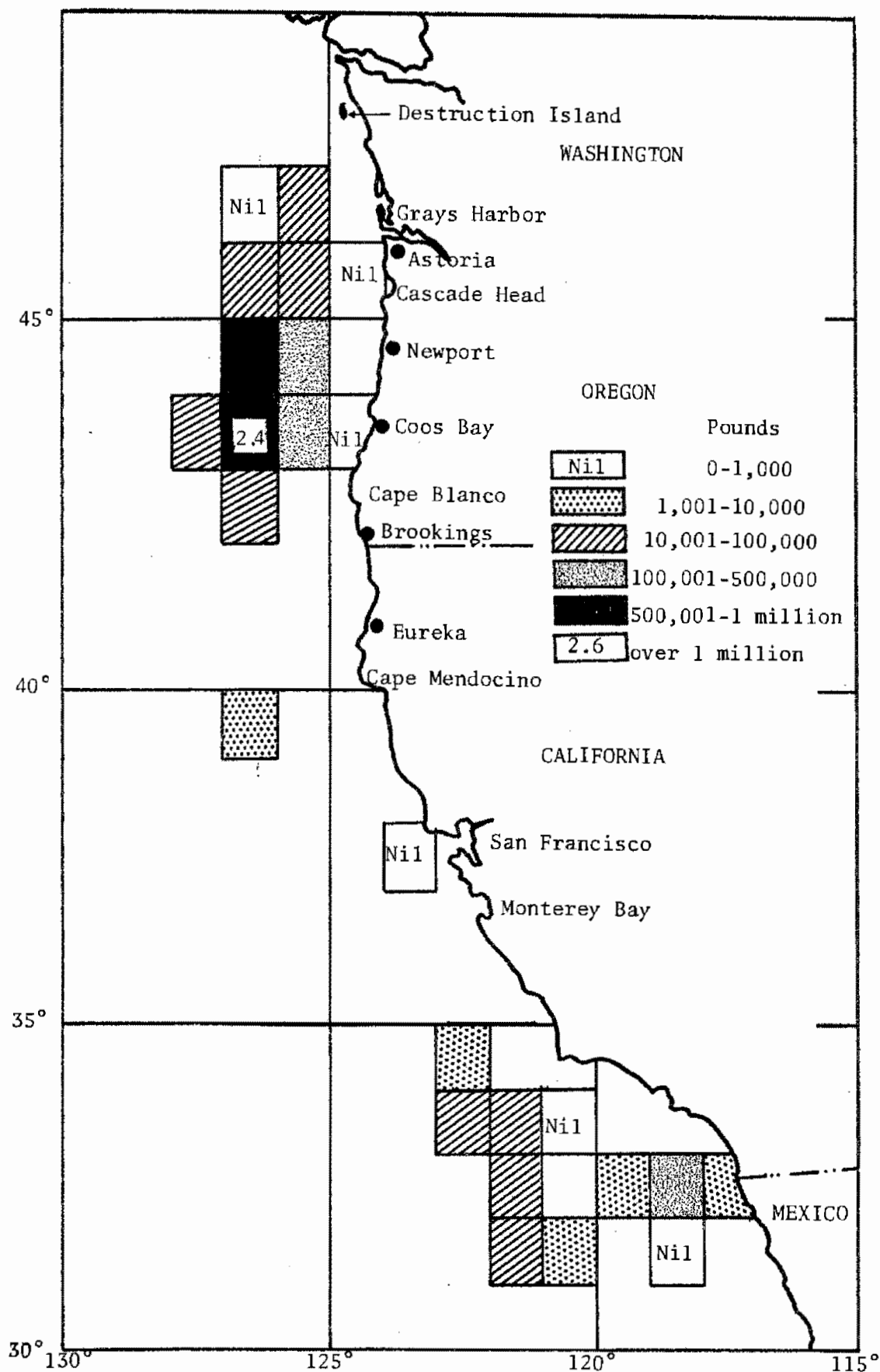


Figure 25. Catch localities for Pacific albacore, July 1967

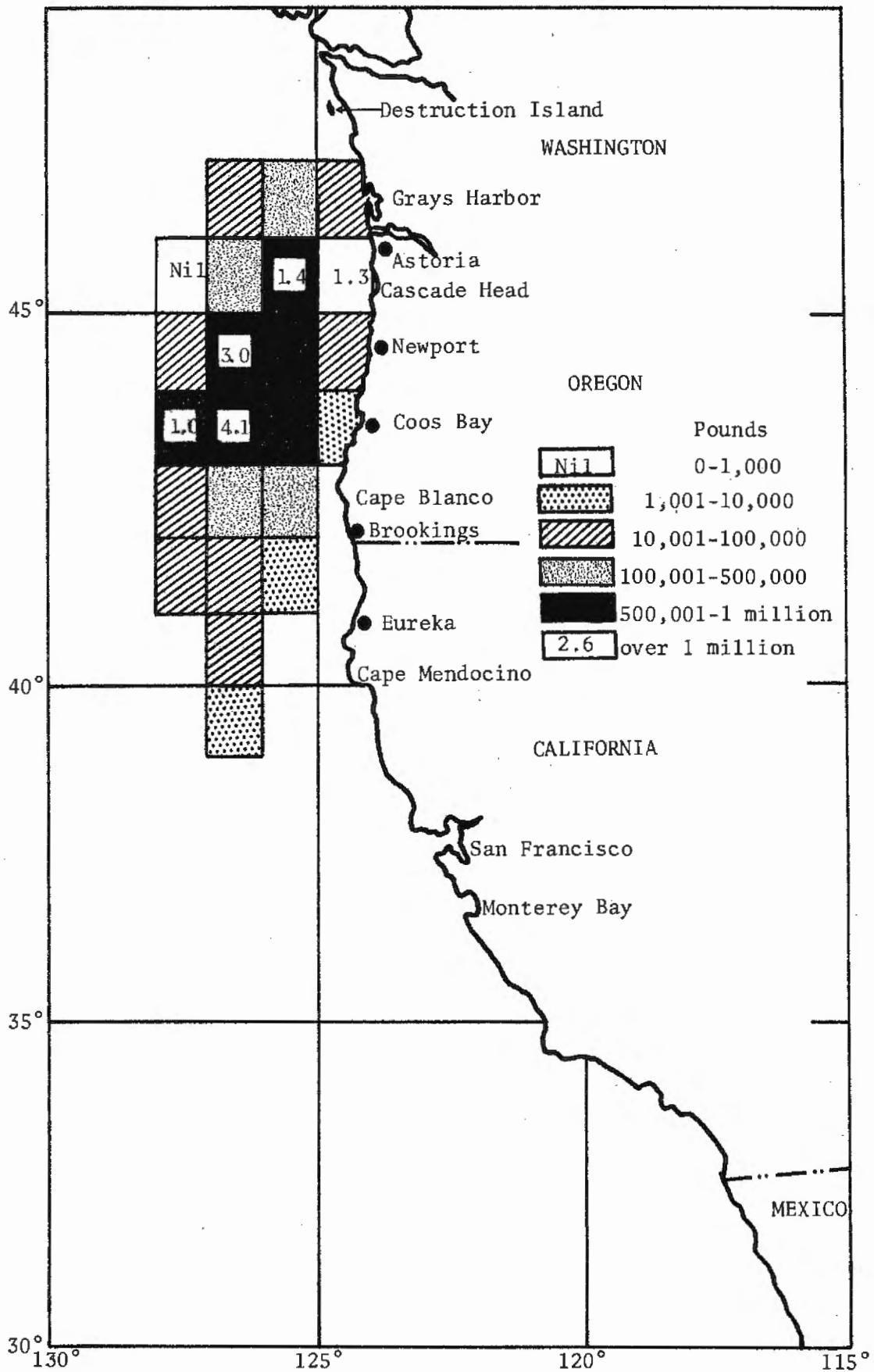


Figure 26. Catch localities for Pacific albacore, August 1967

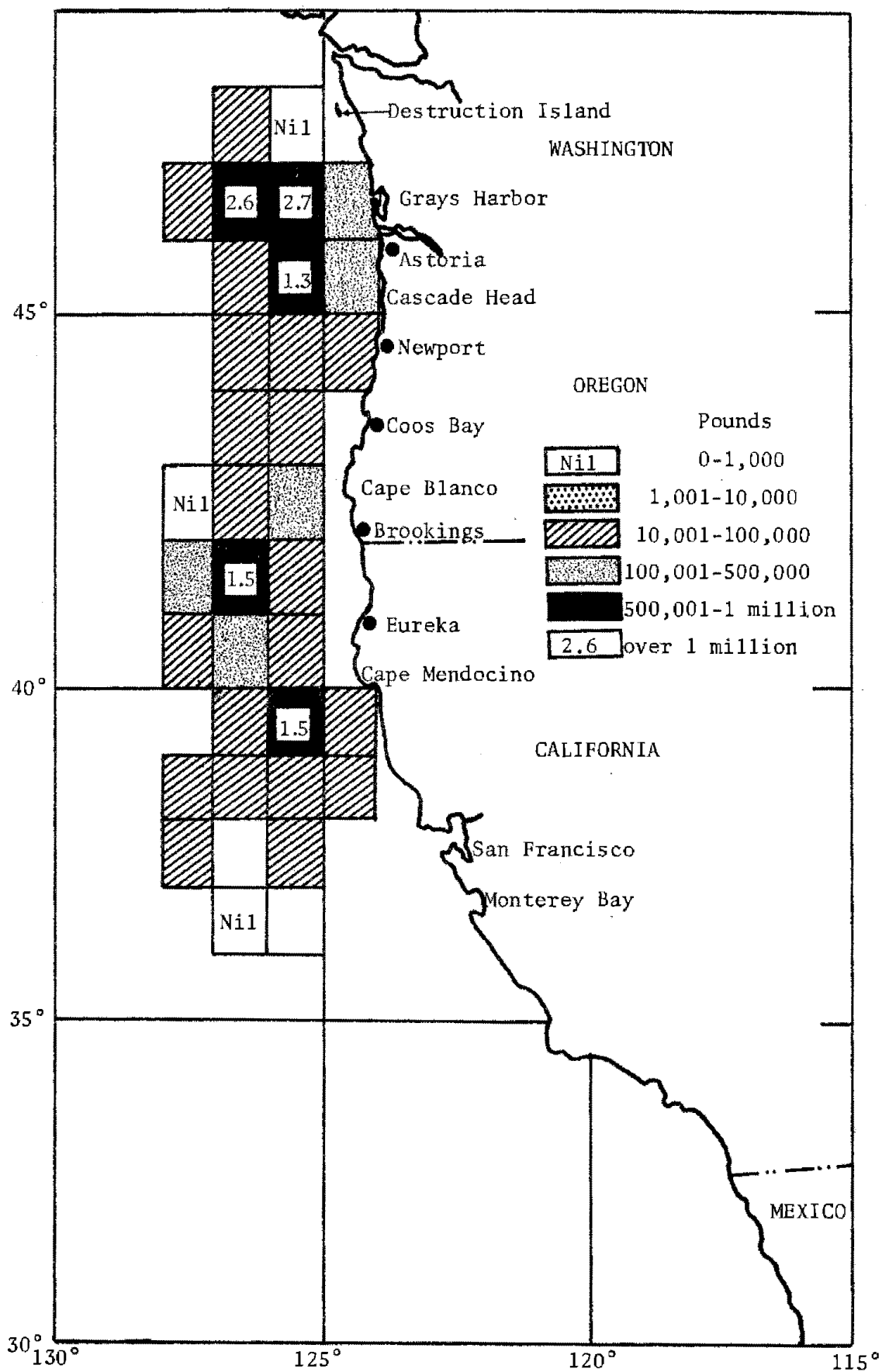


Figure 27. Catch localities for Pacific albacore, September 1967

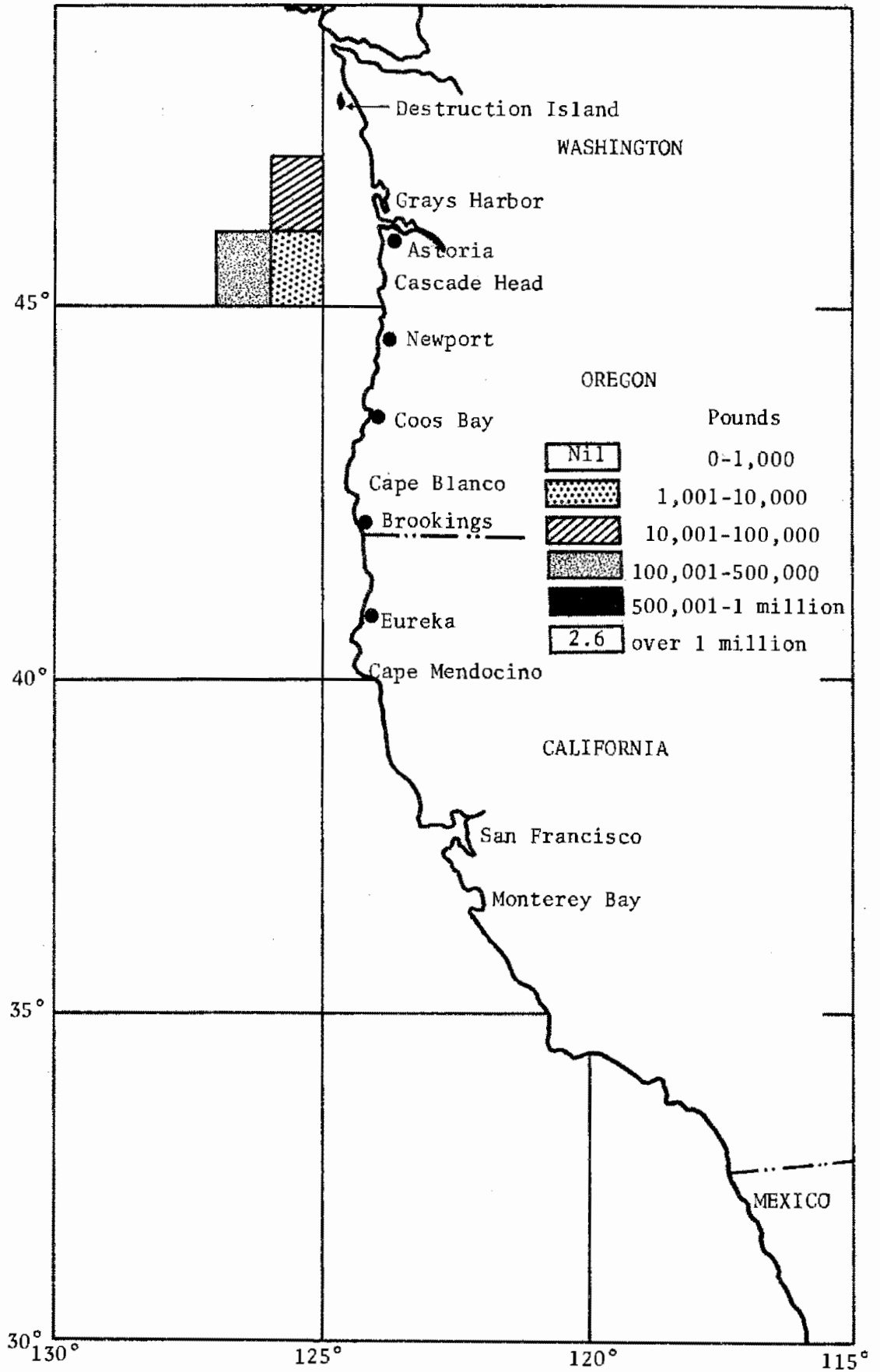


Figure 28. Catch localities for Pacific albacore, October 1967

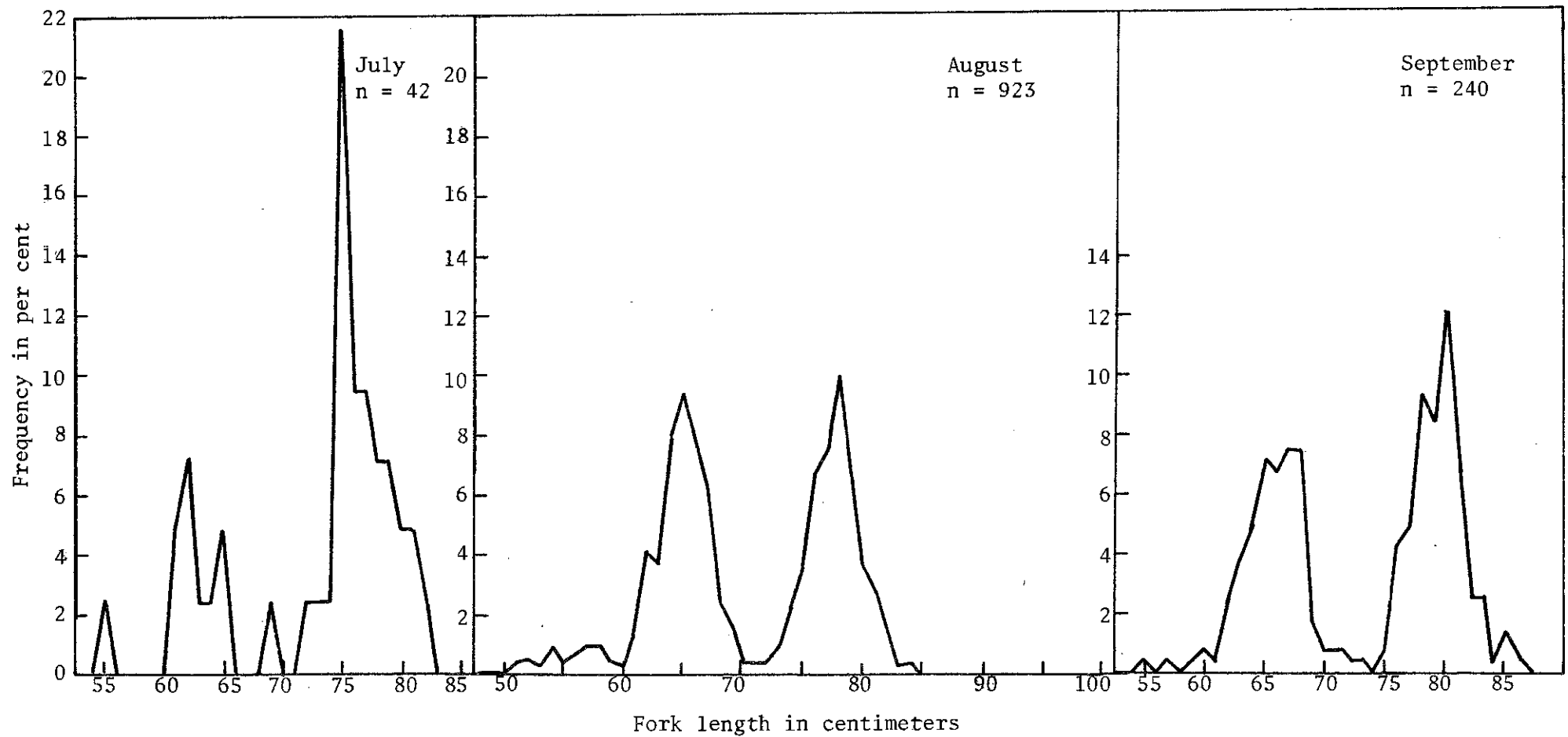


Figure 29. Albacore length-frequency distribution by month, 1961

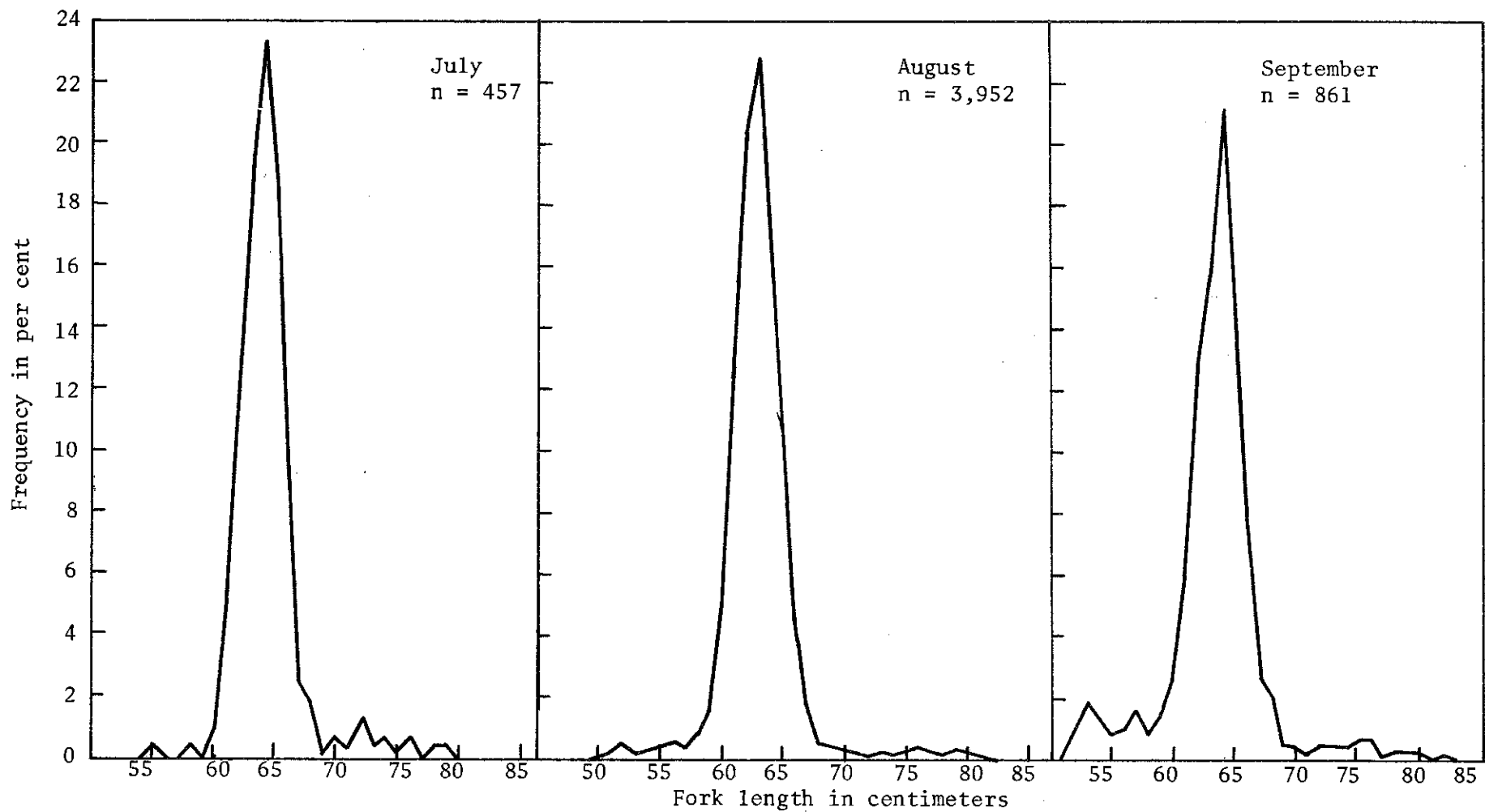


Figure 30. Albacore length-frequency distribution by month, 1962

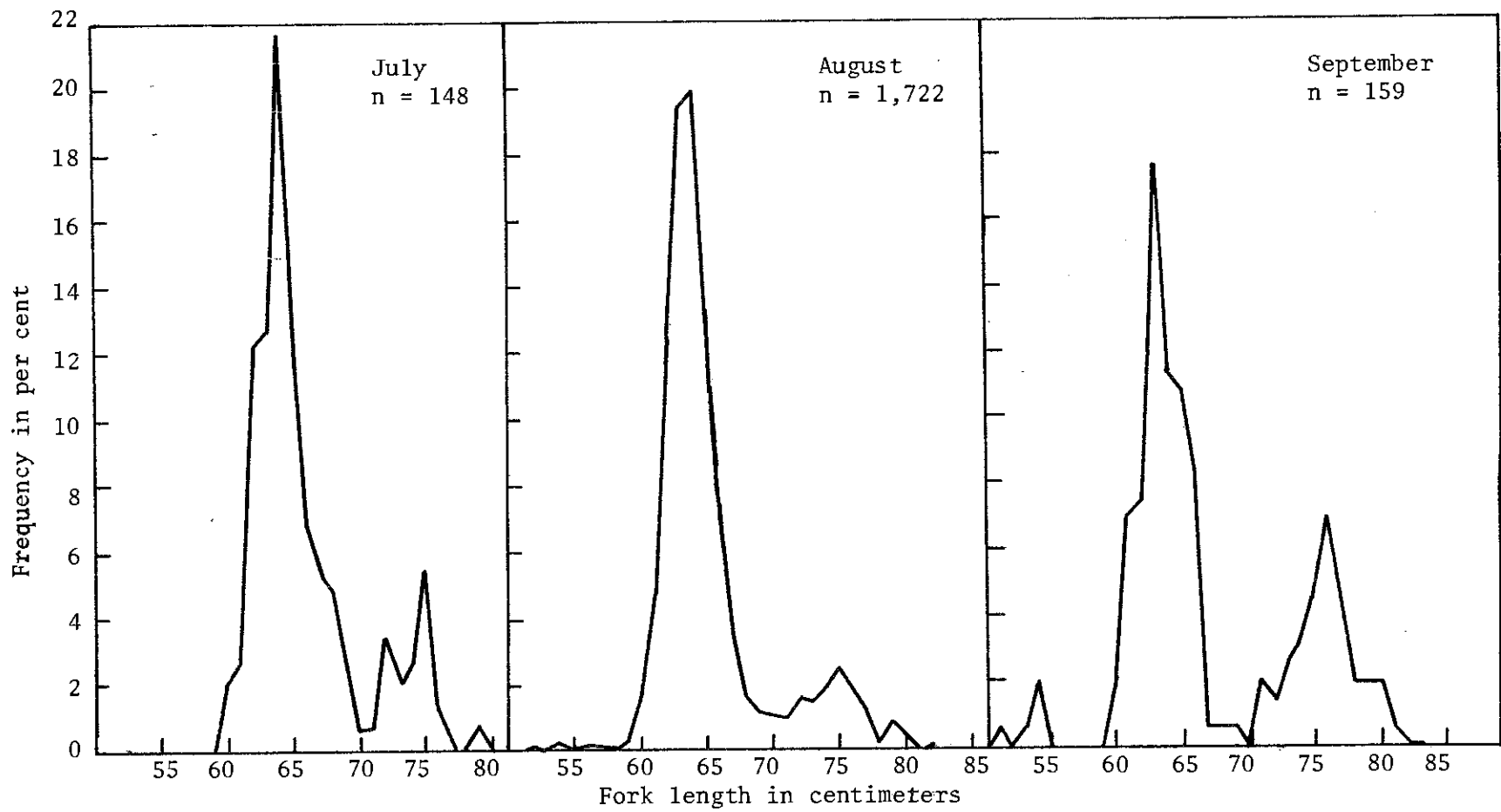


Figure 31. Albacore length-frequency distribution by month, 1963

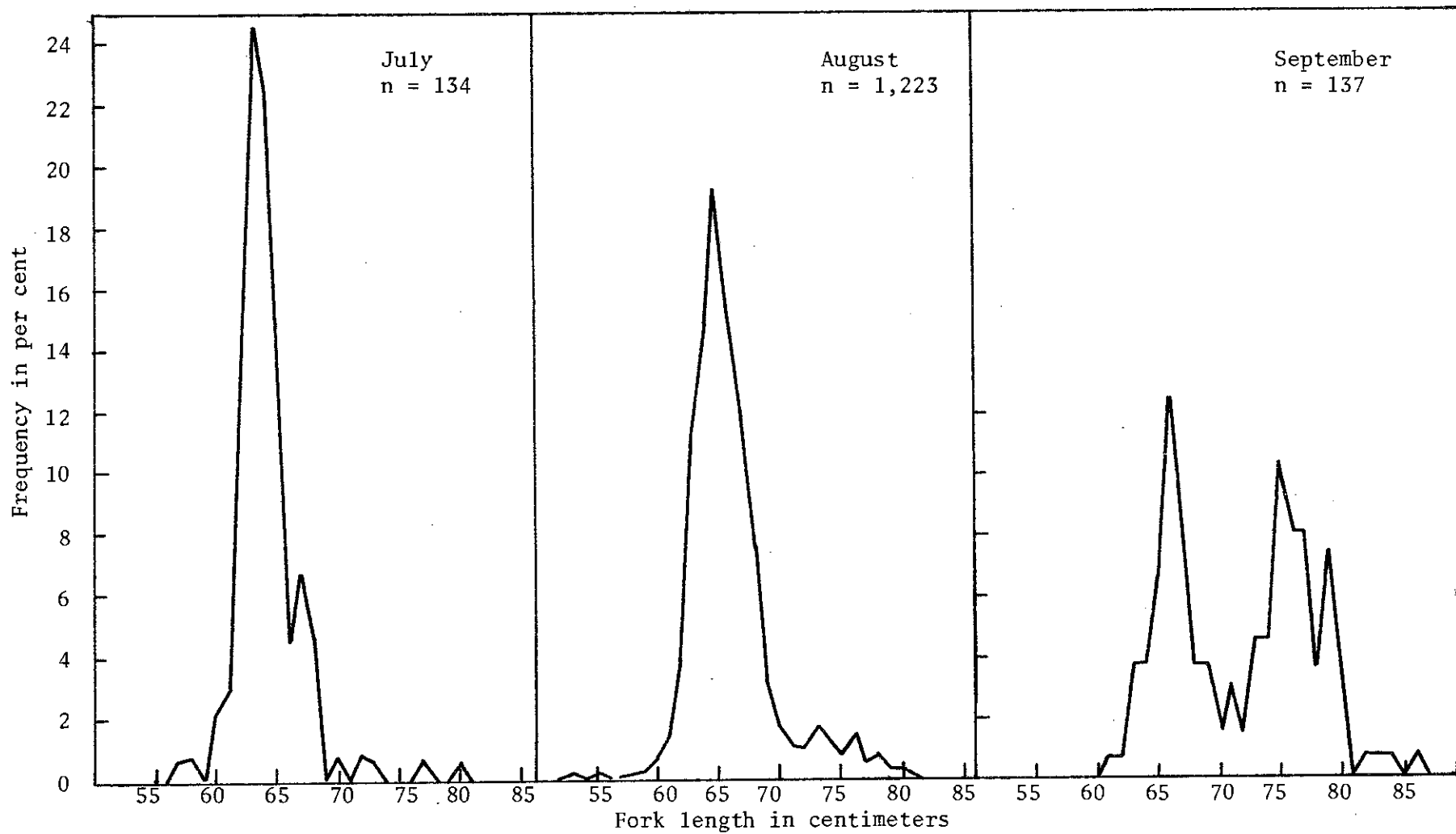


Figure 32. Albacore length-frequency distribution by month, 1965

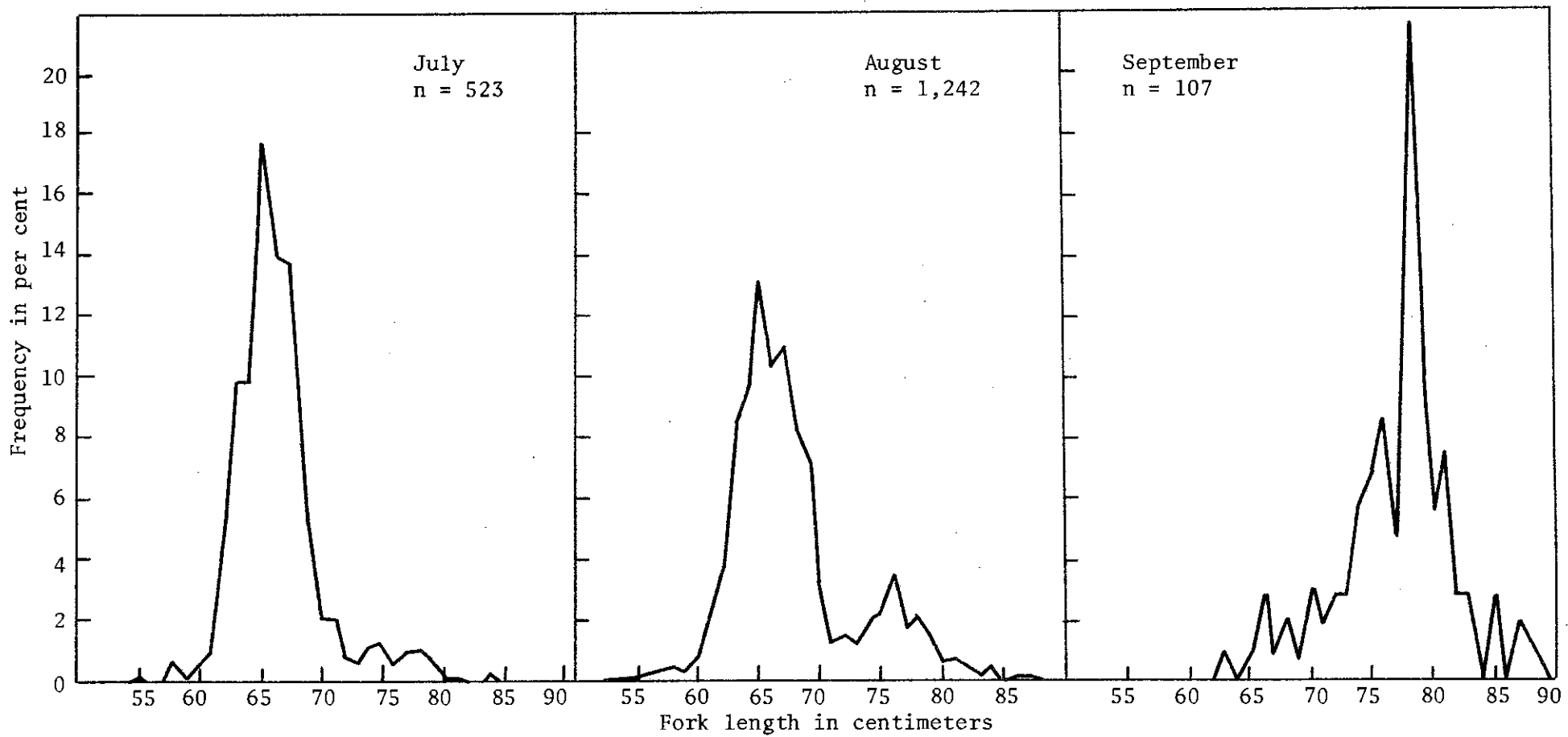


Figure 33. Albacore length-frequency distribution by month, 1966

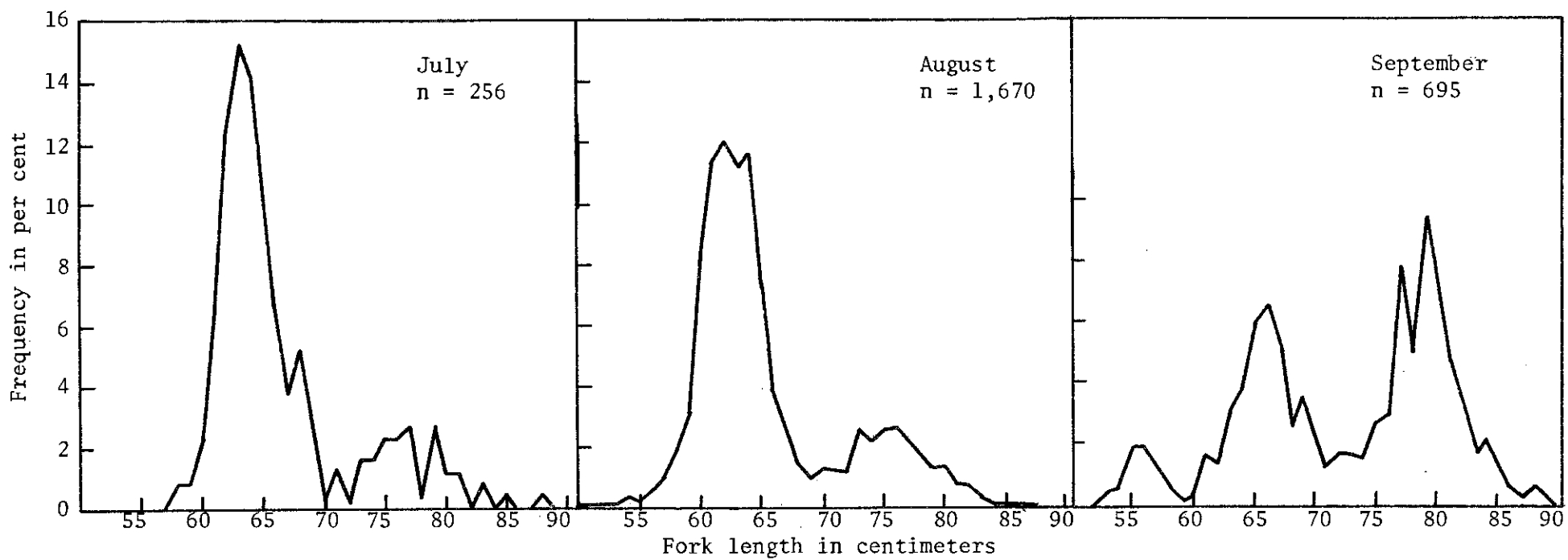


Figure 34. Albacore length-frequency distribution by month, 1967