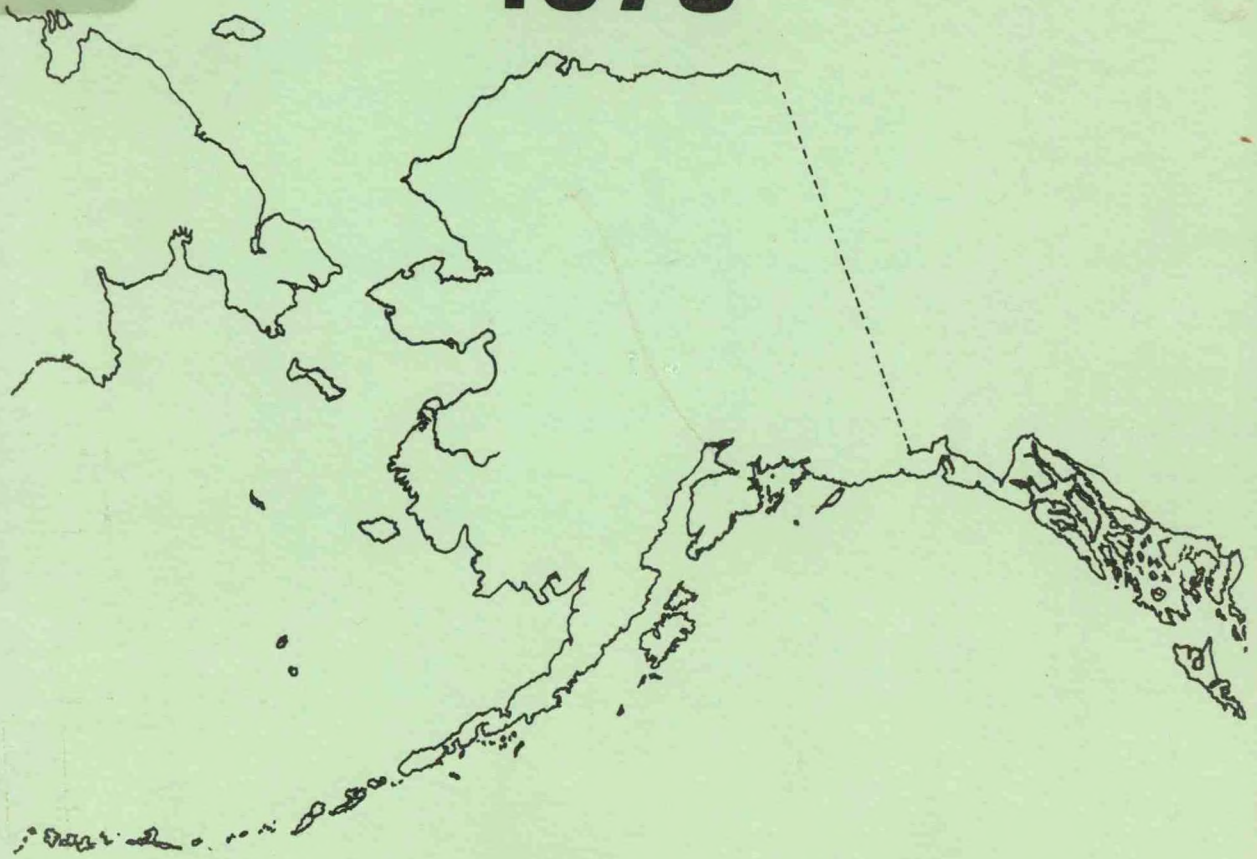


SH
222
.A4
F67
1975

FOREIGN FISHING ACTIVITIES BERING SEA AND GULF OF ALASKA 1975



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL MARINE FISHERIES SERVICE
LAW ENFORCEMENT BRANCH
JUNEAU, ALASKA

FOREIGN FISHING ACTIVITIES
BERING SEA AND GULF OF ALASKA
1975

LIBRARY
MAY 20 2005
National Oceanic &
Atmospheric Administration
U.S. Dept. of Commerce

National Marine Fisheries Service
Law Enforcement Branch
Juneau, Alaska
November 1978

SH
222
A4
F67
1975

I. CONTENTS

	<u>Page</u>
II. LIST OF FIGURES	iii
III. LIST OF TABLES	iv
IV. LIST OF APPENDIXES	vi
V. INTRODUCTION	vii
VI. FOREIGN FISHING ACTIVITIES	1
VII. FISHERY PATROL ACTIVITIES	9
VIII. NEW AND REVISED INTERNATIONAL FISHERIES AGREEMENTS	12
IX. FOREIGN NATIONS - U.S. GEAR CONFLICTS	21
X. SOVIET FISHING OPERATIONS	22
Groundfish Trawl Fishery	25
Gulf of Alaska	25
Aleutian Chain	26
Bering Sea	27
Flounder Fishery	28
Herring Fishery	29
Shrimp Fishery	30
Crab Fishery	31
Whaling	33
XI. JAPANESE FISHING OPERATIONS	34
Groundfish Trawl Fishery	36
Independent Trawler Operation	36
Factoryship Fleets	37
Longline Fishery	38
Herring Fishery	39
Salmon Fishery	40
Snail Fishery	42
Crab Fishery	43
Whaling	46

CONTENTS cont'd

	<u>Page</u>
XII. SOUTH KOREAN FISHING OPERATIONS	47
Groundfish Trawl Fishery	47
Longline Fishery	50
XIII. TAIWANESE FISHING OPERATIONS	51
Groundfish Fishery	51
Salmon Fishery	51
Longline Fishery	53
XIV. POLISH FISHING OPERATIONS	54
XV. TABLES	56
XVI. APPENDIX	57
XVII. REFERENCES	58

II. FIGURES

<u>Figure Number</u>	<u>Title</u>
1	Alaskan Fishing Areas for all Nations Landing Groundfish - 1975
2	Alaskan Fishing Areas for all Nations Landing Salmon, Herring, Flounder and Crab - 1975
3	Alaskan Fishing Areas for all Nations Landing Sablefish - 1975
4A	Total Number of Foreign Fishing Vessels off Alaska, 1974 - 1975
4B	Number of Foreign Fishing Vessels off Alaska by Nation - 1975
4C	Number of Foreign Fishing Vessels off Alaska by Nation - 1974
5A	U.S. - USSR Fisheries Agreement Concerning the U.S. Contiguous Fishery Zone off Alaska - July 1975
5B	Soviet Eastern Bering Sea Non-trawling Areas 1975-1976
6A	U.S. - Poland Fisheries Agreement - May 1975
6B	U.S. - Poland Fisheries Agreement - December 1975
7A	U.S. - Japan Fisheries Agreements concerning the U.S. Contiguous Fishery Zone off Alaska - December 1974
7B	Japanese Domestic Regulations, Non-trawling Areas - 1975-1976
8	U.S. Republic of Korea (South Korea) Fisheries Agreement, November 1972
9	History of Conventions, Laws, and Agreements Enforced in Alaskan Waters
10	Soviet Fishing Areas off Alaska, 1975
11	Eastern Bering Sea Crab Quotas for 1975 and 1976 Established by U.S. - Japan Agreement December 1974 and by U.S. - USSR Crab Agreement - July 1975

Figure
Number

Title

- | | |
|----|---|
| 12 | Japanese Fishing Areas off Alaska, 1975 |
| 13 | Japanese Crab Fishing Areas, 1975 |
| 14 | South Korean Fishing Areas off Alaska, 1975 |
| 15 | Taiwanese Fishing Areas off Alaska, 1975 |
| 16 | Polish Fishing Areas off Alaska, 1975 |

III. TABLES

<u>Table Number</u>	<u>Title</u>
1	Foreign Fishing Vessels off Alaska Region by General Type and Total Catch, 1972-1975
2	Total Number of Foreign Vessels by Month Comparing 1974 to 1975
3	Foreign Effort (Vessel Days) Comparison by Vessel Type, Nation and Area, 1974-1975
4	Joint Coast Guard - NMFS Alaska Fisheries Patrols, 1960-1975
5	Summary of U.S. Coast Guard Surface Patrols - 1975
6	Summary of U.S. Coast Guard Aerial Patrols - 1975
7	International Fisheries Agreements and United States Laws Enforced by U.S. Fisheries Patrols - 1975
8	Boardings of Foreign Fishing Vessels, 1975
9	Violations of U.S. Territorial Waters, 1975
10	Violations of U.S. Contiguous Fishery Zone, 1975
11	Violations of International Fisheries Agreements, 1975
12	Estimated Composition and Distribution of Soviet Fishing Fleets by Month, 1975
13	Soviet Catch Data for the Alaska Region Comparing 1974 to 1975
14	Estimated Composition and Distribution of Japan Fishing Fleets by Month, 1975
15	Japanese Eastern Bering Sea Crab Fisheries Statistics, 1964-1975

IV. APPENDIX

<u>Appendix Number</u>	<u>Title</u>
1	General Chart of Areas Referred to in Text
2	General Description of Fish Products Made Aboard Foreign Vessels Fishing Alaska Region
3	List of Soviet Vessels in Alaskan Region, 1975
4	List of Japanese Vessels in Alaskan Region, 1975
5	List of South Korean Vessels in Alaskan Region, 1975
6	List of Taiwanese Vessels in Alaskan Region, 1975
7	List of Polish Vessels in Alaskan Region, 1975

V. INTRODUCTION

The annual Foreign Fishing Activities for the Bering Sea and Gulf of Alaska - 1975 is a comprehensive review of foreign fishing activities, surveillance of those activities by the National Marine Fisheries Service (Department of Commerce) and United States Coast Guard (Department of Transportation), and general summary of enforcement activities and governing laws for the Alaska region. This report was prepared by:

National Marine Fisheries Service
Law Enforcement Branch
P.O. Box 1668
Juneau, Alaska 99802

All information is presented from surveillance data, enforcement proceedings, and reports generated by both foreign and domestic sources.

Description of the general Alaskan region and target species landed are presented in Appendix 1 and 2.

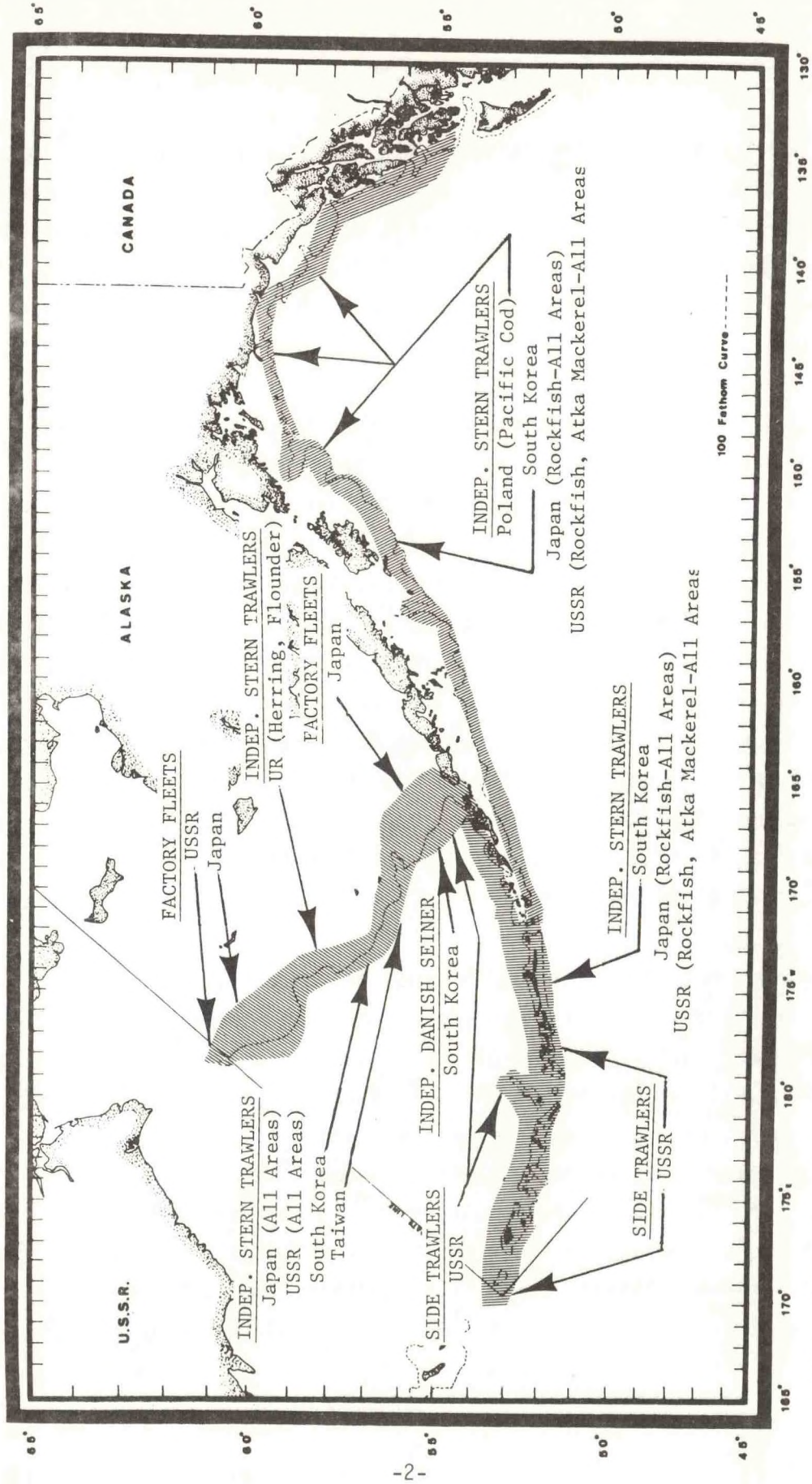
VI. FOREIGN FISHING ACTIVITIES

1975 foreign fishing activities in the Alaska region once again produced a massive effort landing a variety of groundfish, salmon and crab species (Figs. 1, 2 & 3). As in years past, the major effort was directed to the Bering Sea and the walleye pollock. Despite the continued strong showing, the entire foreign fleet was down from the previous year in 1974 (Table 1).

Several nations fished Alaskan waters throughout the year. These included Japan, the Soviet Union, South Korea, Taiwan and Poland. Japan and the Soviet Union were again the dominant fishing power, landing 97 percent of the total foreign catch, while South Korea landed approximately 1-1/2 percent and the remaining two nations taking the final 1-1/2 percent. The total foreign fleet numbered 976 vessels, down from 1,259 vessels in 1974. The maximum number of foreign vessels in the Alaska region occurred in the June-July period when 627 vessels were fishing (Figs. 4A, 4B & 4C and Table 2). The 22 percent decrease in the total number of foreign vessels was responsible for the 11 percent decrease in maximum number of vessels during the peak fishing period. A total of 59,367 vessel days were used by the foreign fishermen for an average of 109 fishing days for each fishing vessel in the Alaska region.

Fishing was conducted by several types of vessels (Table 3). Independent stern trawlers were used by all nations to land their major portion of the total catch. Ninety per cent of the total foreign effort was made by stern trawlers, with 47 percent of that total done by stern trawlers less than 1500 gross tons. Japanese trawlers accounted for 64 percent of the stern trawler effort. Factoryship fleets made up 3 percent of the total foreign catch; again the Japanese accounting for about two-thirds of the total effort. Longliners and herring gillnet vessels contributed 7 percent. The distribution of effort in the Alaska region by all nations was 73 percent in the Bering Sea, 8 percent in the Aleutians, and 19 percent in the Gulf of Alaska.

Figure 1.
Alaskan Fishing Areas for all Nations Landing Groundfish - 1975



NOTE: All vessels targeting on pollock unless noted where pollock also landed but not as a primary target species.

Figure 2.

Alaskan Fishing Areas for all Nations Landing Salmon, Herring, Flounder and Crab - 1975

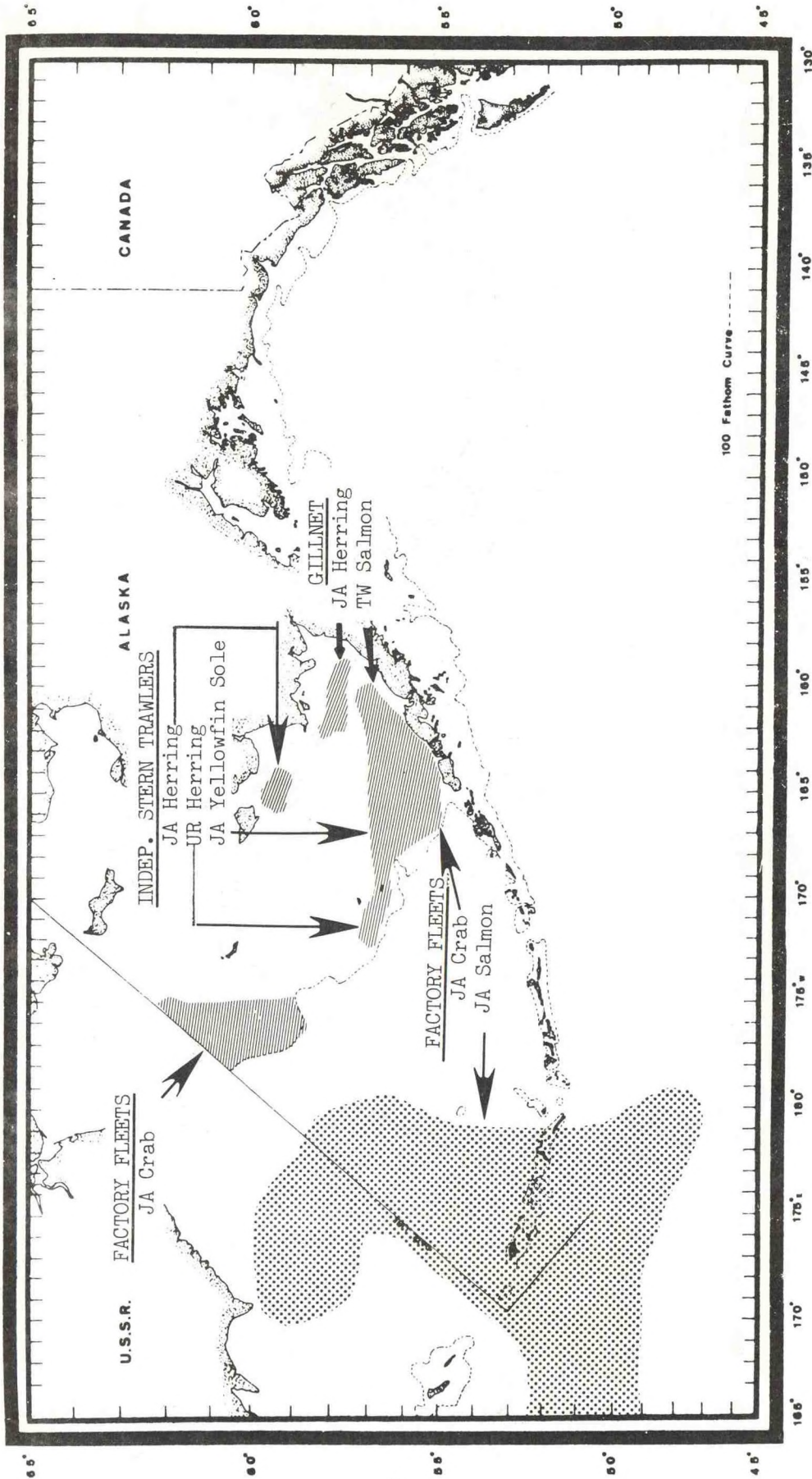


Figure 3.

Alaskan Fishing Areas for all Nations Landing Sablefish - 1975

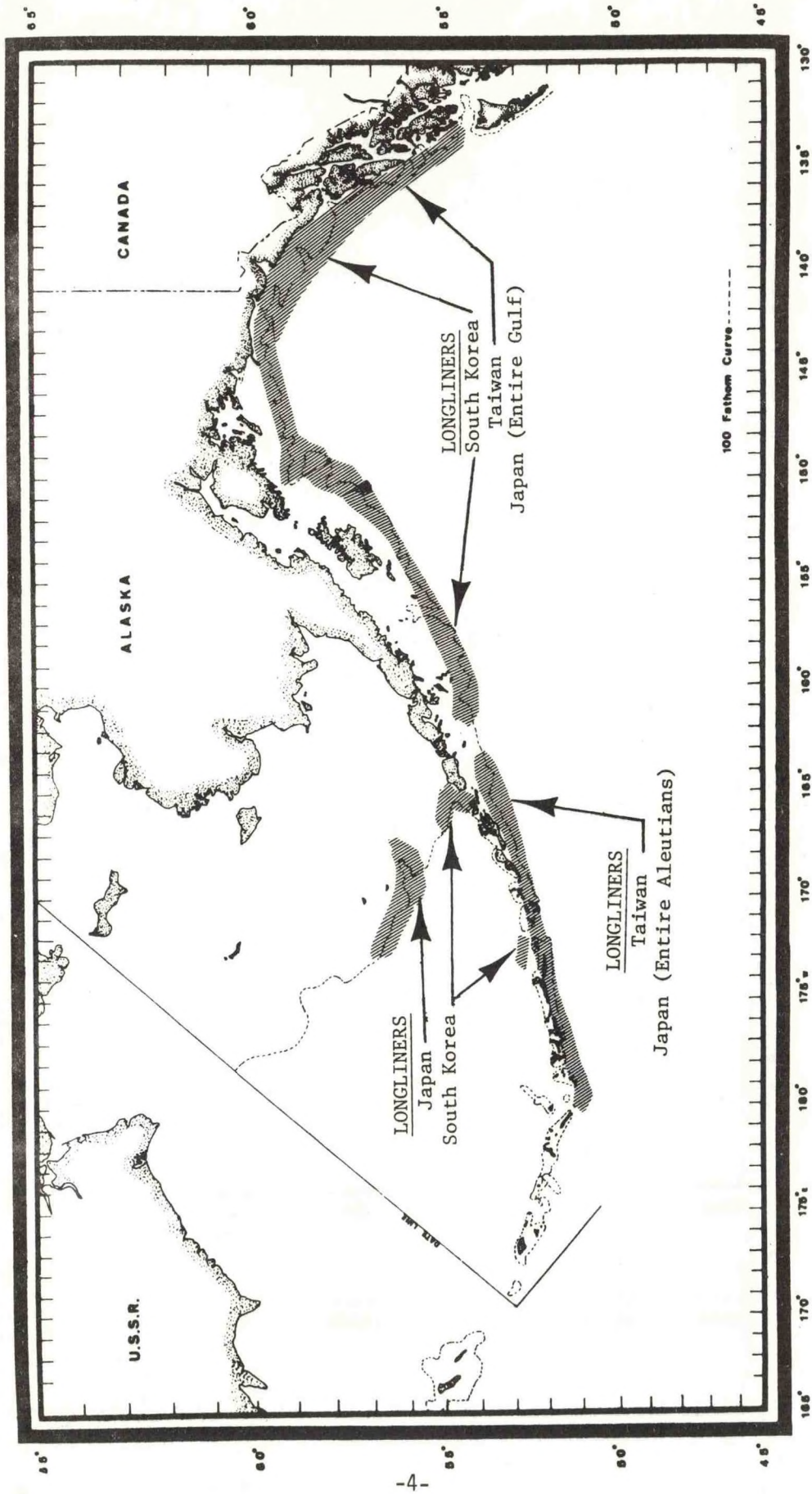


Figure 4A.

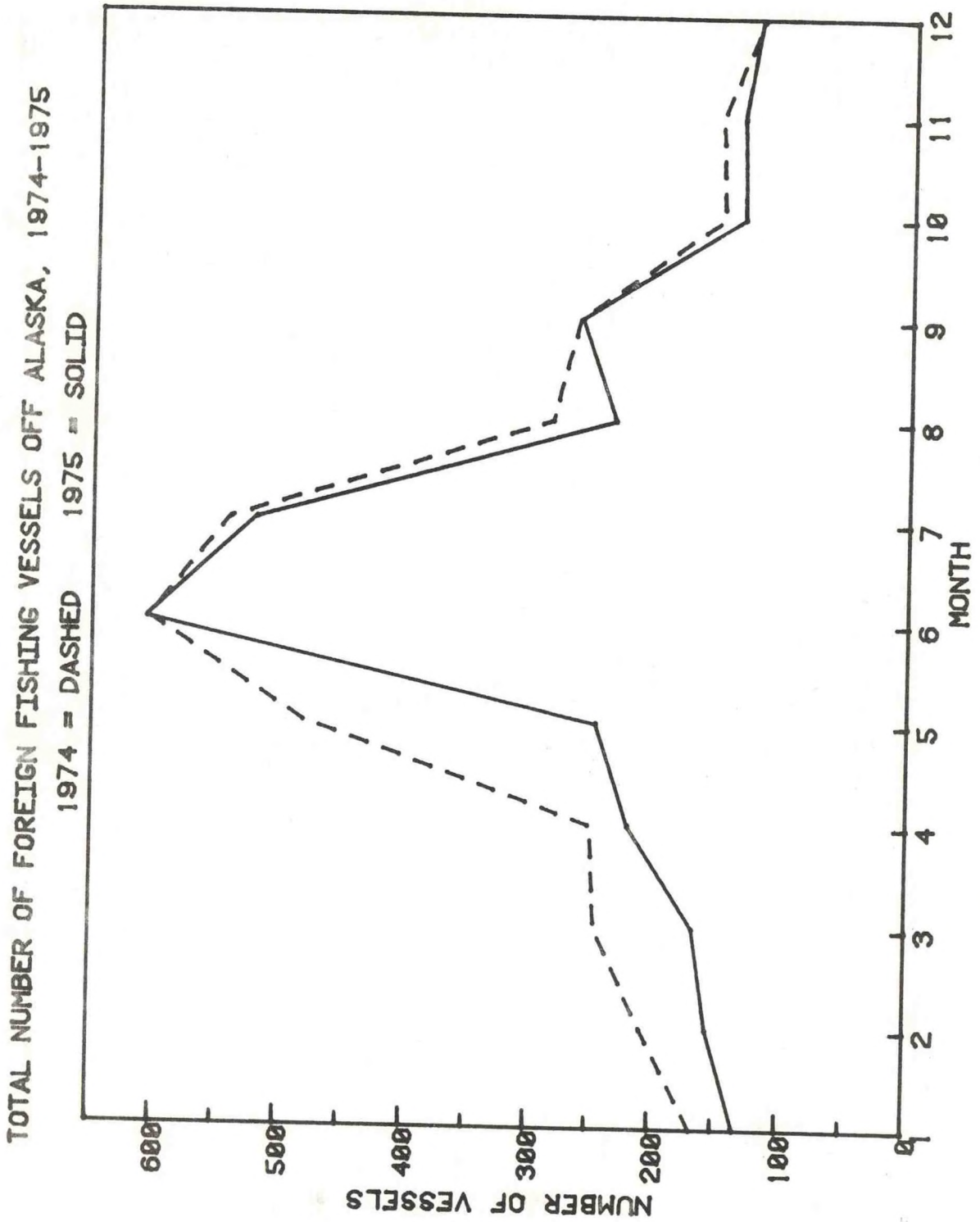


Figure 4B.

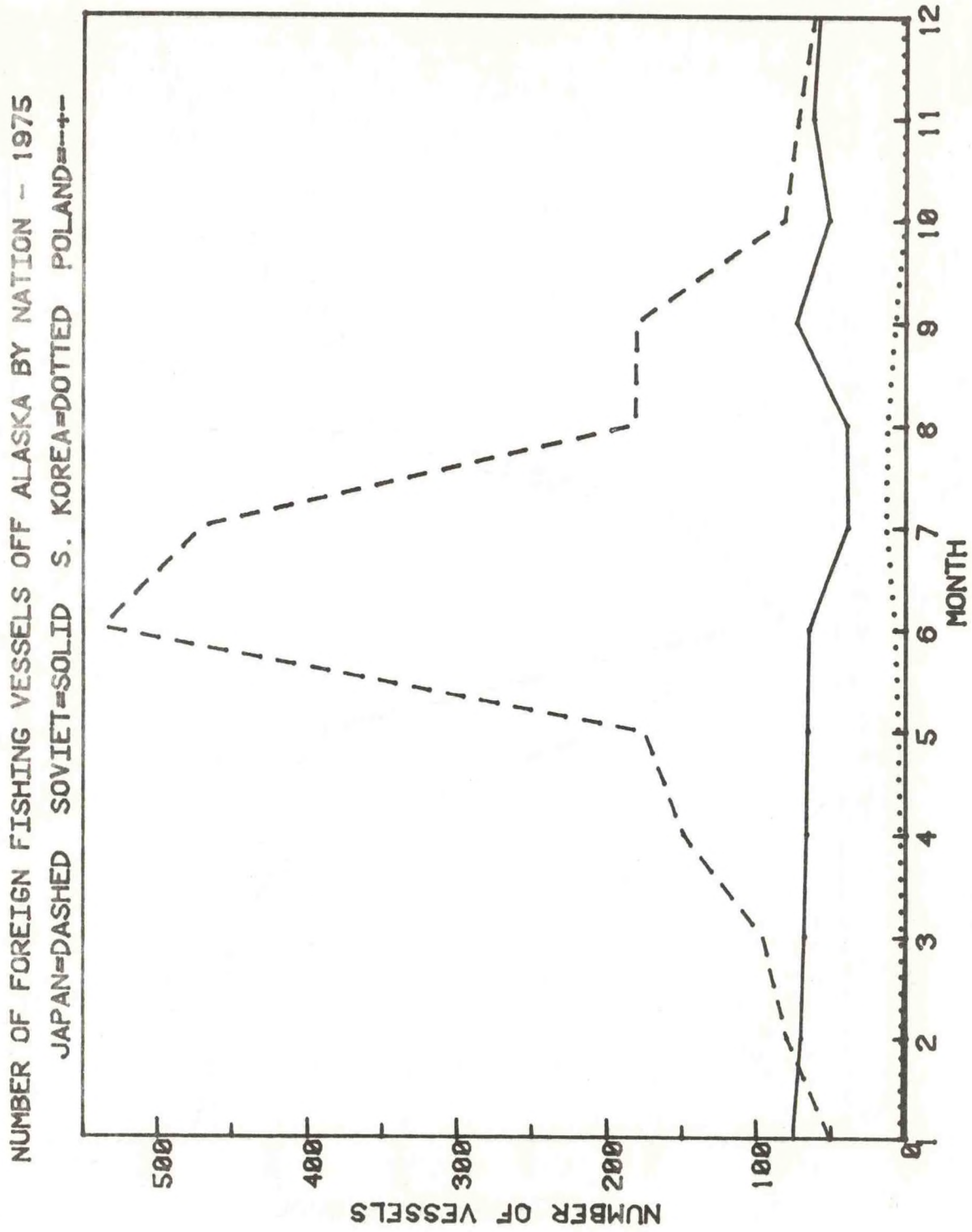
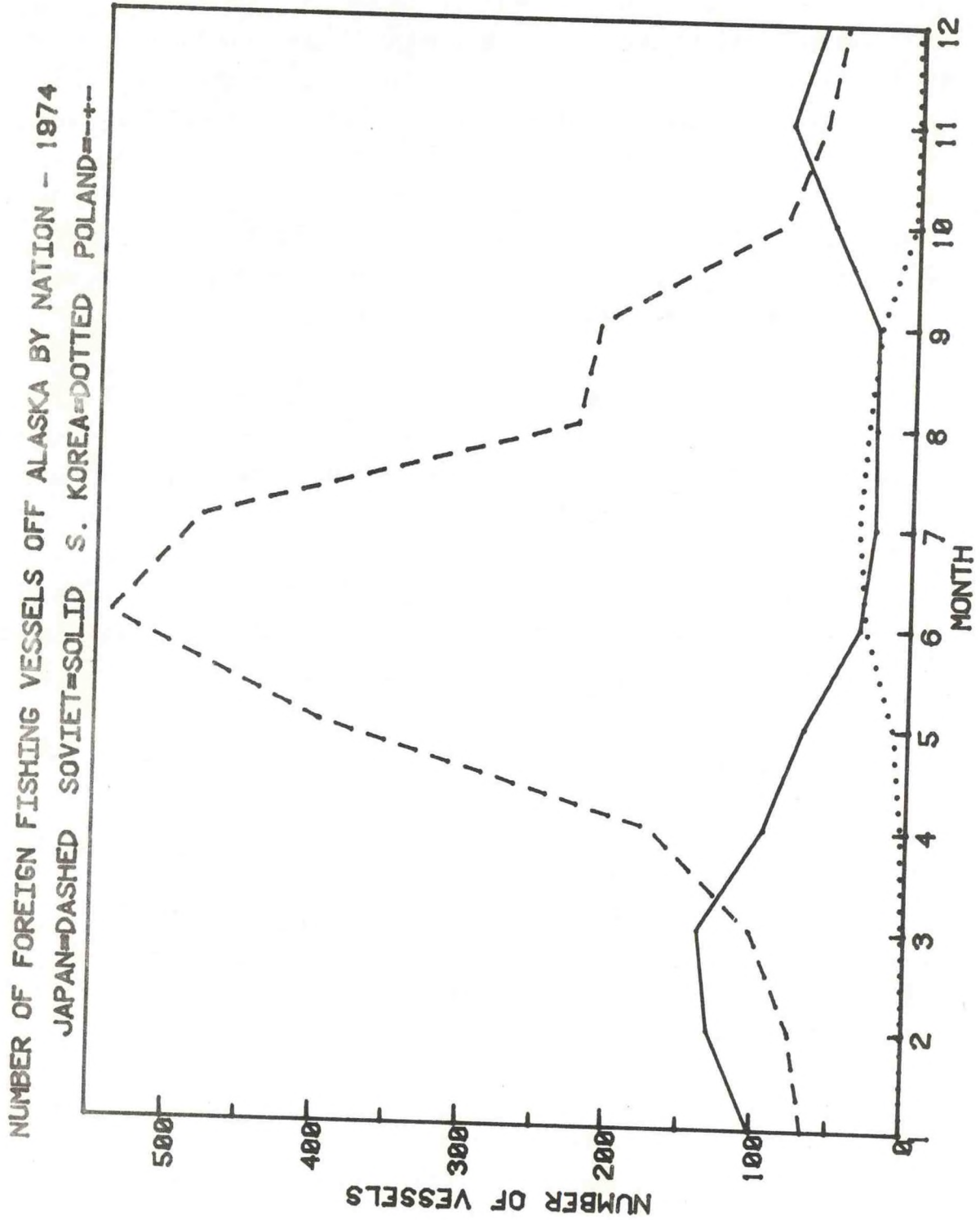


Figure 4C.



The foreign fleet changed moderately in 1975 compared to 1974. Japan maintained a versatile effort, landing a variety of species in all areas. Due to reduced king crab quotas, no Japanese king crab landings were made in the eastern Bering Sea in 1975. The Soviets eliminated the annual flounder factory fleet off of Kodiak, as well as the entire shrimp fishery. At the same time the Soviets cut the Bering Sea trawl fleet nearly in half, while dramatically expanding operations in the Aleutians. South Korean eliminated its Bering Sea factory fleet while slicing in half the total South Korean effort and total catch from 1974 levels. Poland expanded to three trawlers, up from the initial entry by one trawler into the Alaskan region in December 1974. (Poland was restricted to fishing only the Gulf of Alaska.) Taiwan was the last foreign participant in 1975, starting an Alaskan fishery for the first time with one longliner and one trawler.

Foreign fisheries statistics show a 15 percent reduction in total catch landed by all nations. Approximately 1.94 million metric tons of fish were caught. Ninety-five per cent of the total landings were groundfish, with 73 percent of those taken by the Japanese. Specific fisheries for blackcod and herring added 2 percent and miscellaneous species of salmon and crab completed the remaining 1 percent. In 1975, groundfish landings were the same percentage of the total catch as 1974, but in 1974 the Japanese portion was 9 percent more at 82 percent of the total foreign catch. Target species by nation were:

	<u>Soviet</u>	<u>Japan</u>	<u>Taiwan</u>	<u>South Korea</u>	<u>Poland</u>
Herring	x	x			
Rockfish	x	x	x	x	x
Pollock	x	x	x	x	
Flounder		x			
Atka Mackerel	x				
Pacific Cod					x
Sablefish		x	x	x	
Tanner Crab		x			
Salmon		x	x		

NOTE: This does not include incidental catch of other species; detailed information on all nations and individual fisheries are presented in the following sections.

VII. FISHERY PATROL ACTIVITIES

United States fishery patrols in the North Pacific Ocean and Bering Sea off Alaska in 1975 were conducted jointly by the National Marine Fisheries Service Marine Enforcement Branch and the United States Coast Guard (Table 4). There were 14 enforcement agents deployed aboard U.S. Coast Guard platforms throughout 1975, with those vessels covering 142,747 miles by ship and 356,916 miles by aircraft; a decrease of 28,109 miles from 1974 by aircraft and an increase of 28,430 miles by ship (Tables 5 & 6). Seven hundred forty-two ship days were used compared to 593 ship days in 1974. There were 5,450 sightings of foreign fishing vessels - a decrease of 761 over 1974. As in previous years, patrols performed dual missions: (1) maintained surveillance of foreign fisheries contiguous to Alaska; and (2) enforced 13 separate international fisheries agreements and associated U.S. laws (Table 7).

Aerial patrols were conducted by H-3 helicopters from the Coast Guard Air Stations at Annette Island and Kodiak, and by C-130 (Lockheed Hercules) turbo prop aircraft from the Coast Guard Air Station on Kodiak Island. Surface patrols were conducted by Coast Guard Cutters MONROE, CAMPBELL, MELLON, BOUTWELL, MIDGETT, JARVIS, RUSH, VENTUROUS, RESOLUTE, STORIS, CONFIDENCE, PLAINTREE, SEDGE and SWEETBRIER. Shipborne helicopters increased their role aboard 378-foot Coast Guard cutters. They made 95 flights for a total of 175.4 flight hours. The first H-52 helicopter was delivered to the Coast Guard Cutter MONROE in mid-December.

One hundred sixty-nine boardings were made on 99 different foreign vessels (Table 8). Of the reported boarding types, 64 were enforcement boardings and 105 were courtesy boardings, broken down as follows:

Foreign Vessel Boardings

<u>NATION</u>	<u>BOARDING TYPE</u>		<u>TOTALS</u>
	<u>Enforcement</u>	<u>Courtesy</u>	
Soviet Union	10	32	42
Japan	49	46	95
South Korea	5	10	15
Taiwan	0	11	11
Poland	0	3	3
Canada	0	3	3
<u>TOTAL BOARDINGS:</u>	<u>64</u>	<u>105</u>	<u>169</u>

Ten violations of the U.S. law and international fisheries agreements were prosecuted in 1975. Enforcement actions in three cases required seizure of the violating vessels. Settlements for all ten actions rendered penalties including fines in excess of 1.75 million dollars, forfeitures of catch, and in one case, forfeiture of an entire vessel.

Two Japanese vessels were found in violation of U.S. territorial waters (Table 9). Of these, one longliner was spotted fishing 1.7 miles off Great Sitkin Island in the central Aleutians, and one stern trawler sighted 2.5 miles off Khvostof Island in the western Aleutians. Both vessels were seized. Settlement of civil charges included forfeiture of vessel and catch by the longliner plus \$8,000 fine, and \$450,000 fine against the stern trawler.

Three violations of the U.S. contiguous fishery zone were prosecuted, resulting in one seizure and fines reaching 1.25 million dollars (Table 10). A South Korean stern trawler was identified 7.9 miles off of Seal Rock in the western Gulf of Alaska. Fines totaling \$415,000 were levied. A Taiwanese longliner was sighted 8.6 miles off Cape Edgecumbe in southeast Alaska and later civil prosecution levied a \$230,000 penalty for the violation. The third violation of the contiguous fishery zone was by a Japanese stern trawler 8.5 miles off Amlia Island in the central Aleutians. This vessel was seized and paid fines of \$600,000.

Five violations of international fisheries agreements were investigated in 1975 (Table 11). One of the violations was charged against a Soviet medium stern trawler sighted trawling in a fixed gear area off Kodiak Island. The vessel was notified of the violation against the U.S.-Soviet bilateral fishery agreement and case documentation was forwarded to Washington, D.C. for possible protest to the USSR.

VIII. NEW AND REVISED INTERNATIONAL FISHERIES AGREEMENTS

During 1975 the United States continued participation in 10 separate international fisheries agreements and added one with late in the year revisions for the government of Poland (Table 7). Agreements by the Soviet Union for crab and groundfish fisheries in the contiguous fishery zone (CFZ) were renegotiated with incorporation of the former Kodiak area agreement into the new CFZ agreements (Figs. 5A & 5B). The Canadian CFZ agreement was extended another year. A new agreement was reached with the government of Poland in May and upon renegotiation in December, was extended until January 1977 (Figs. 6A & 6B). In that agreement, Poland was limited to fishing solely in the Gulf of Alaska. Japan had renegotiated two-year agreements for fish and crab fisheries in December 1974 (Fig. 7A). Japan additionally imposed domestic regulations on groundfish trawling in the Bering Sea (Fig. 7B). An extensive review of changes in the new Japanese agreements were presented in the 1974 annual report prepared by the National Marine Fisheries Service Enforcement Branch, Juneau, Alaska. The South Korean fisheries agreement of 1972 remained in effect (Fig. 8). Multi-national conventions continuing throughout 1975 included the Fur Seal Convention (1911), Halibut Convention (1924), Whaling Convention (1937), and the International North Pacific Fisheries Convention (1953). A complete list of laws and conventions enforced during 1975 is presented in Figure 9 and Table 7.

Figure 5A.

U.S. - U.S.S.R. FISHERIES AGREEMENT CONCERNING
THE U.S. CONTIGUOUS FISHERY ZONE OFF ALASKA JULY 1975

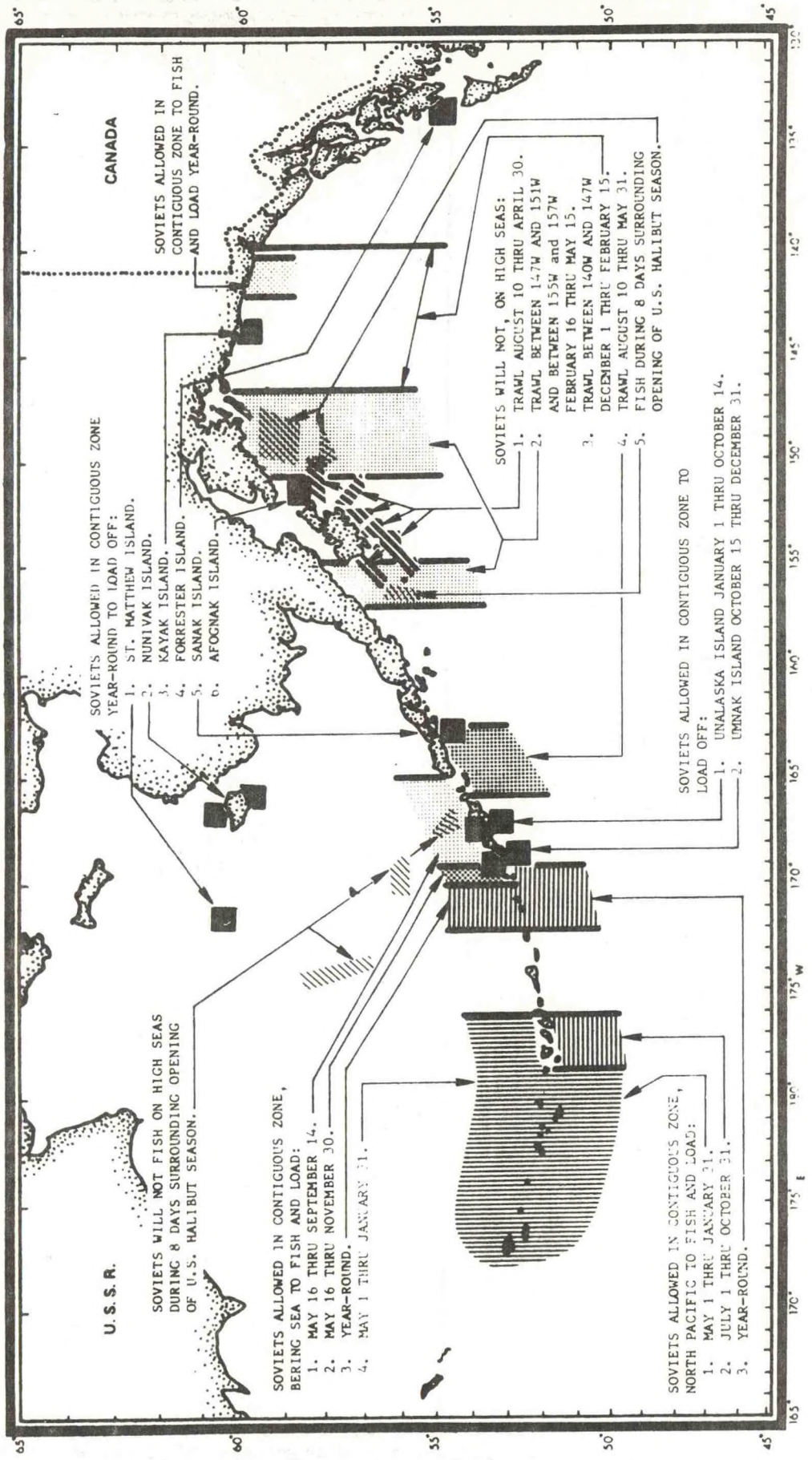


Figure 5B.

SOVIET EASTERN BERING SEA
NON-TRAWLING AREAS - 1975 - 1976

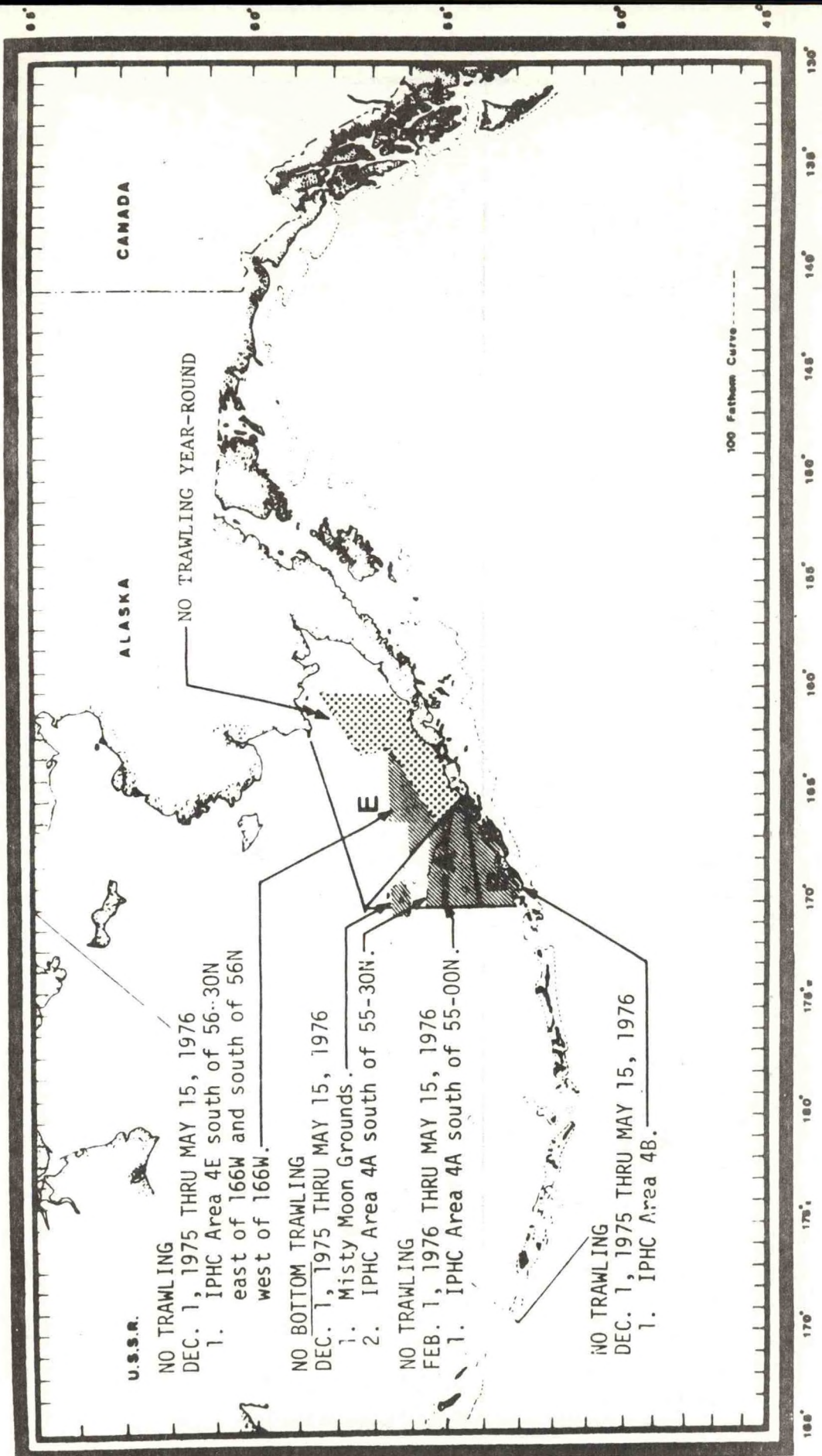


Figure 6A.

U.S.-POLAND FISHERIES AGREEMENT MAY 1975

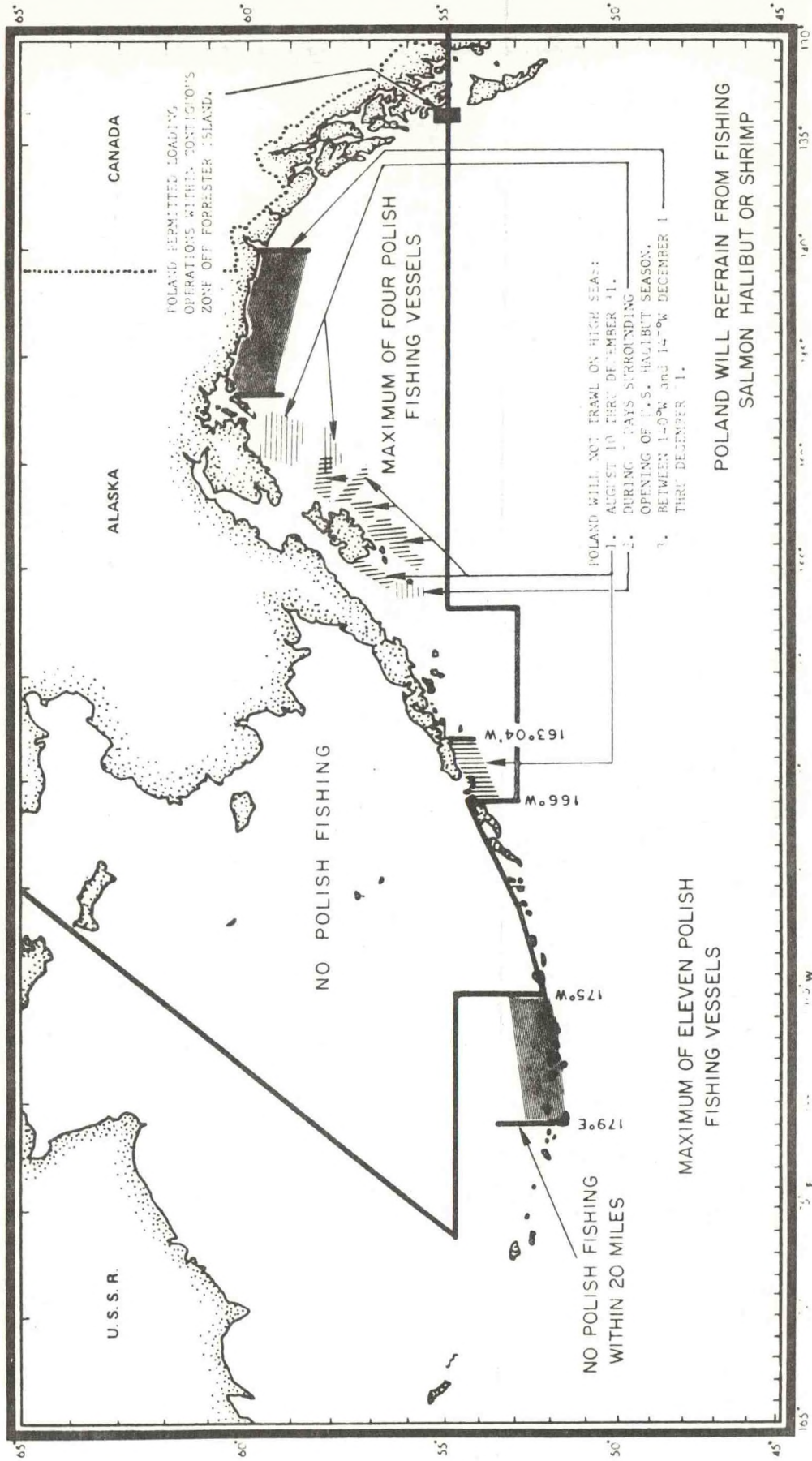


Figure 6B.

US-POLAND FISHERIES AGREEMENT

DECEMBER 1975 (EXPIRES JANUARY 1, 1977)

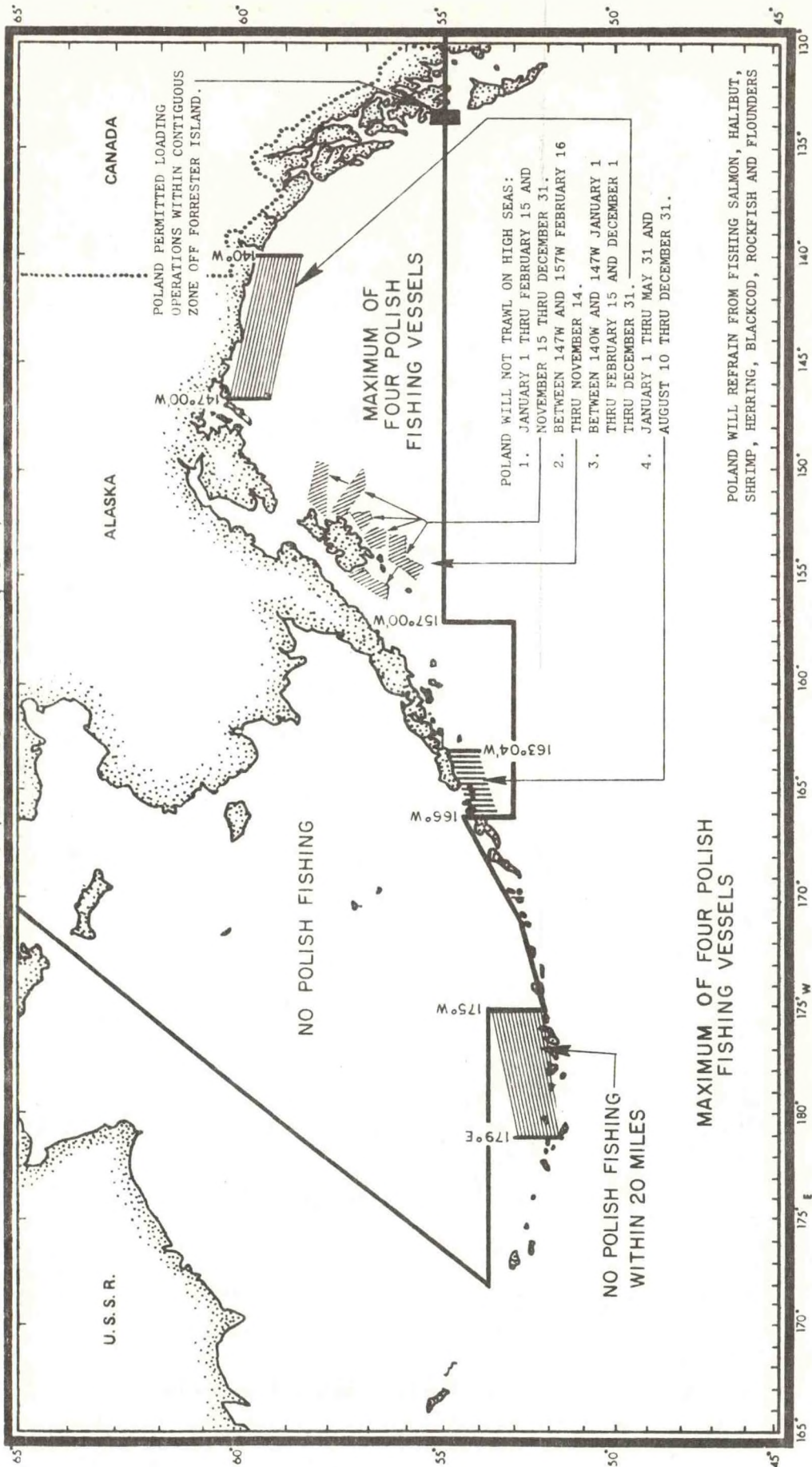


Figure 7A.

U.S.-JAPAN FISHERIES AGREEMENTS CONCERNING
THE U.S. CONTIGUOUS FISHERY ZONE OFF ALASKA--DECEMBER 1974

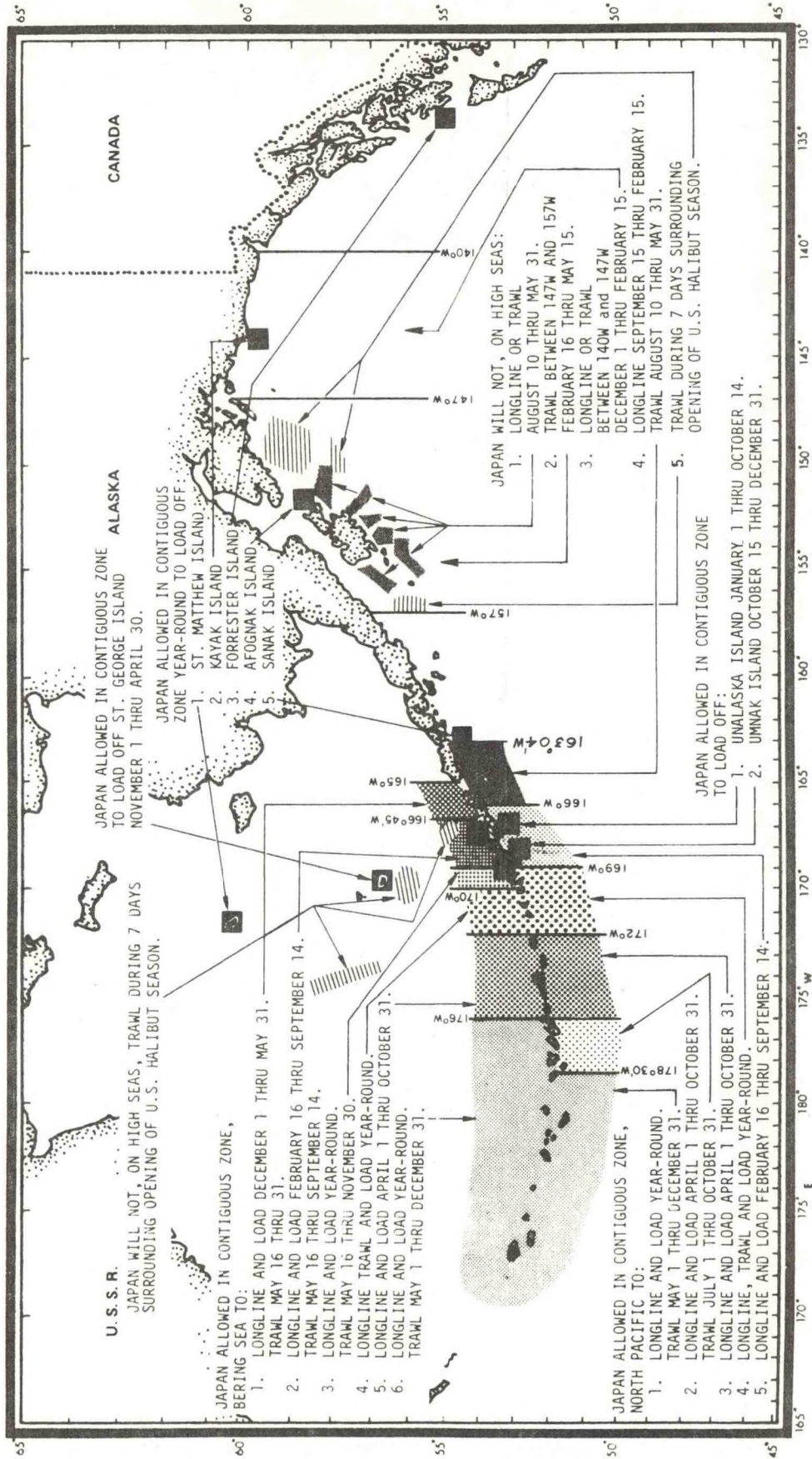


Figure 7B.

JAPANESE DOMESTIC REGULATIONS
NON-TRAWLING AREAS - (1975 - 1976)

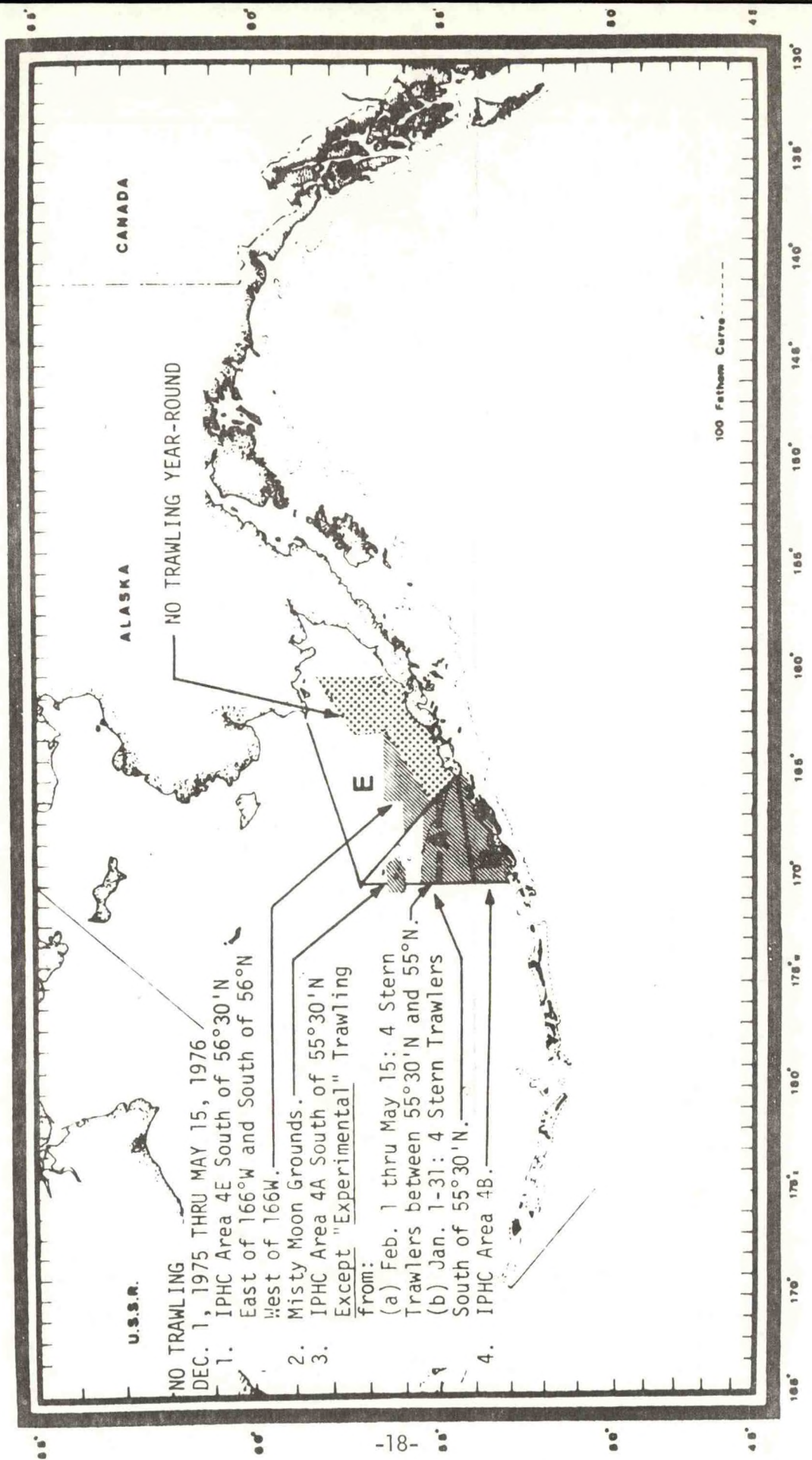


Figure 8.

U. S. - REPUBLIC OF KOREA (SOUTH KOREA) FISHERIES AGREEMENT
NOVEMBER 1972

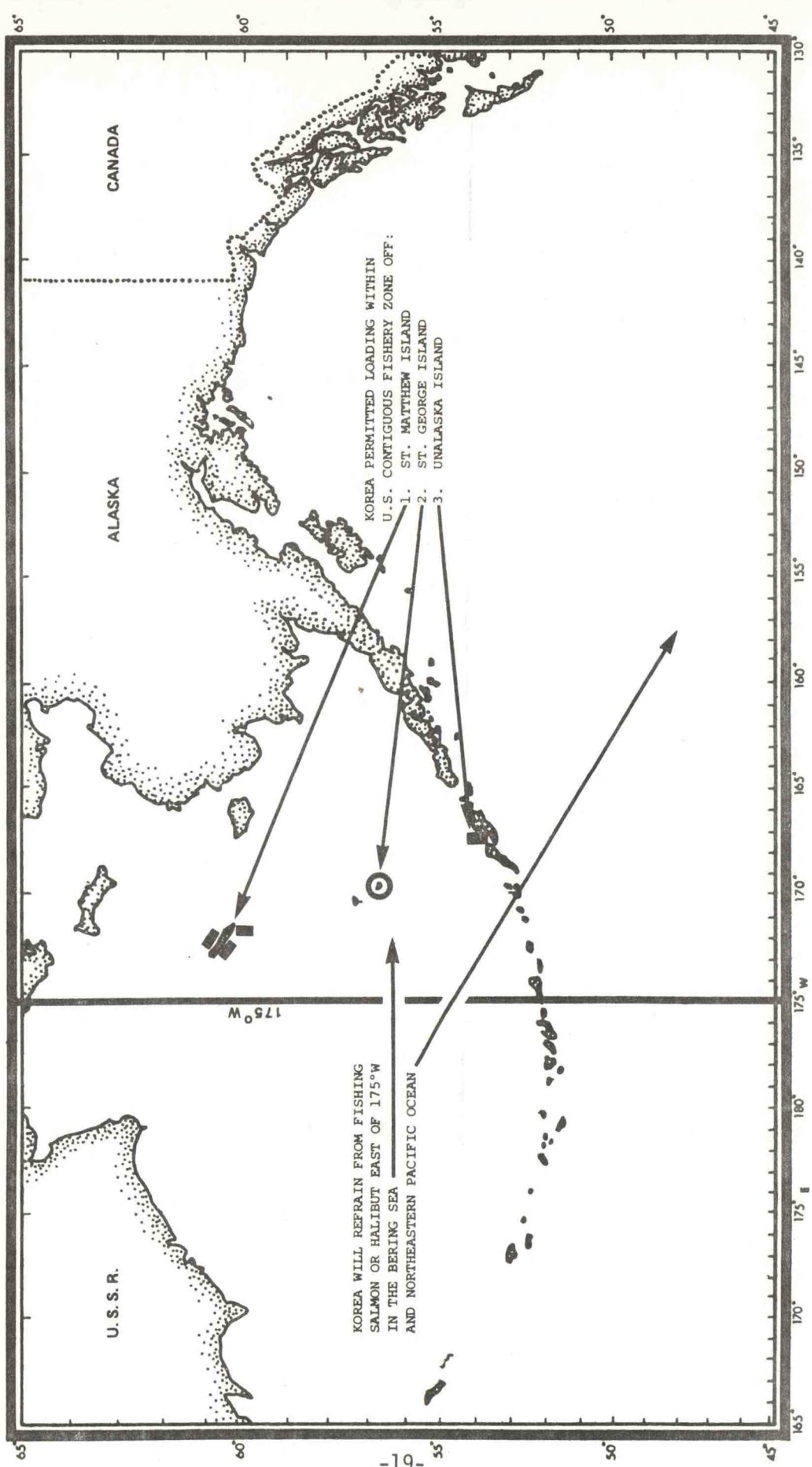
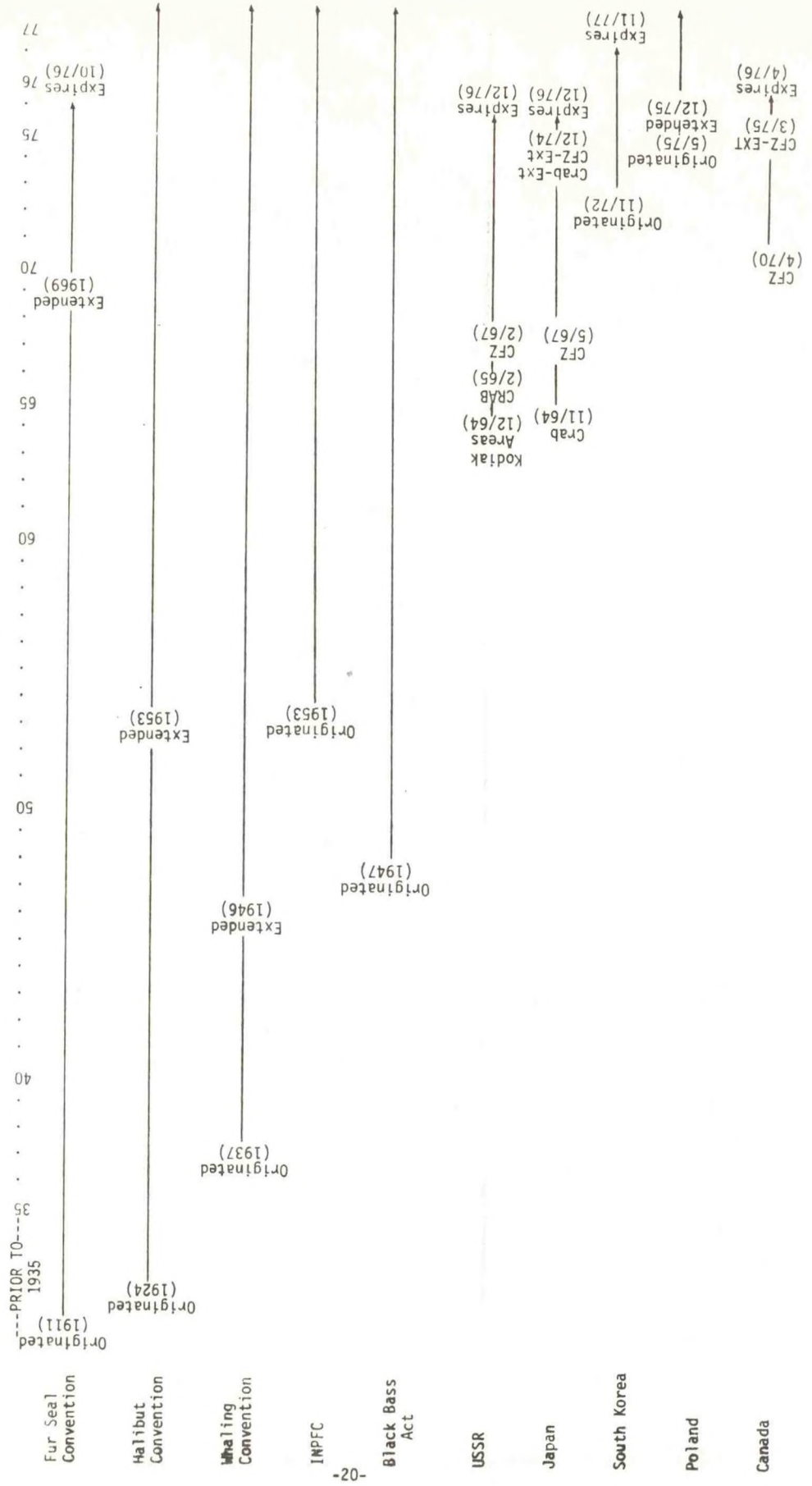


Figure 9.
HISTORY OF CONVENTIONS, LAWS, AND AGREEMENTS
ENFORCED IN ALASKAN WATERS



IX. FOREIGN NATIONS -U.S. GEAR CONFLICTS

Several gear conflict settlement actions were initiated during 1975. These included two new gear losses reported within the Gulf of Alaska and several cases from prior years. Of the two new conflicts reported during 1975, one was by the fishing vessel BERGEN, who reportedly lost five skates of longline gear and related equipment on July 13, 1975. The loss was estimated at \$1,099.38 and was pressed against two Soviet vessels which were in the area at the time. The U.S.-Soviet Claims Board reviewed the case and settled in favor of the claimant for a total value of \$970.00. The second conflict was reported by fishing vessel NORTHERN, who lost longline gear amounting to 17 skates with related equipment. Total claim loss against the Japanese fishing vessel SHINSEI MARU NO. 7 was \$2,500. At year's end, no final action had transpired on this case.

Old cases presented to the U.S.-Soviet Claims Board included four cases from 1970 and four cases from 1971, all involving U.S. crab vessels. All cases were referred back to the claimants for further clarification before the case could be settled. At year's end, these cases were still pending.

X. SOVIET FISHING OPERATIONS

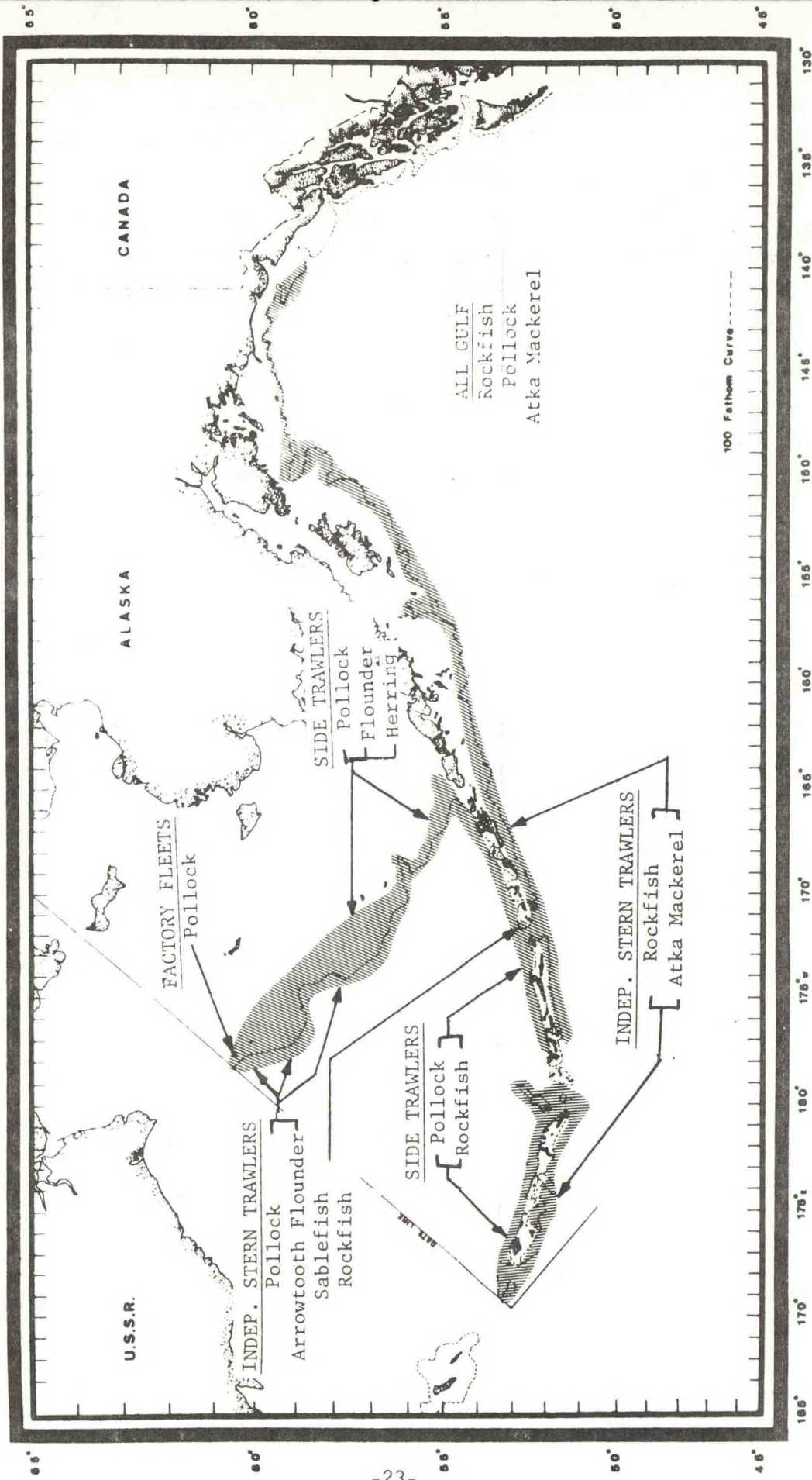
The Soviet Union conducted its 1975 fisheries off Alaska (Fig. 10) similar to previous years with two major changes. As in the past, Soviet groundfish trawling operated generally near the 100-fathom curve throughout the Bering Sea, Aleutians and Gulf of Alaska. The annual herring fishery augmented the groundfish operations, and as since 1971, there was no Soviet crab fishery in the eastern Bering Sea. The Soviets altered their fishery by eliminating a fleet of side trawlers supported by a factory ship which had fished for flounder and pollock off of Kodiak Island. Former catches by this fishery included a significant number of halibut. A second elimination extracted the shrimp side trawlers from operation in the Gulf of Alaska; the first such action since the onset of the shrimp fishery in 1964.

Alaskan waters supported between 50 and 75 vessels per month during all but July and August (Table 12). A total of 261 Soviet ships composed of 26 factoryships, 107 stern trawlers (82 percent BMRTS), 104 side trawlers, 5 research and patrol vessels and 19 support ships were present in Alaskan waters. This was a reduction of 187 vessels from 1974. Identity by class of the individual ships engaged in the fishery off Alaska in 1975 is listed in Appendix 3.

The Soviet catch off Alaska for 1975 is estimated at 468,000 metric tons, although data supplied by the Soviets indicate a total catch of approximately 455,000 metric tons (Table 13). Of the reported Soviet catch, 56 percent was pollock, 12 percent flatfish, 12 percent Atka mackerel and cod fish, 10 percent rockfish, 6 percent miscellaneous species, and 4 percent herring.

The shift in vessel emphasis was not apparent in the catch data from the Bering Sea, Aleutian and Gulf of Alaska areas. In these three areas the catch was distributed 76 percent, 6 percent, and 17 percent respectively by weight of total landings. Although the distribution remained as in

FIGURE 10.--SOVIET FISHING AREAS OFF ALASKA, 1975



1974, there was a 15 percent reduction in total catch by the Soviets in the Alaska region. This decrease was largely reflected in the pollock and herring landings. Despite these decreases, there were increases to the cod and Atka mackerel landings of 28 percent or greater. In 1975 the annual flounder factory fleet was eliminated. Halibut landings were made as incidental catch to the groundfish trawl fishery, comprising less than one half of one percent of all fish landed. Of the species fished only herring did not reach 100 percent of the allowable quota under the 1975 U.S.-USSR fisheries agreement. In total, the Alaskan catch represented 65 percent of the 701,383 metric tons landed by the Soviets on the Pacific Coast of the United States in 1975, compared to 87 percent of the total catch in 1974.

GROUNDFISH TRAWL FISHERY

Soviet groundfish operations remain distributed throughout the Alaska region generally as in the past two years. Several groundfish species were fished mostly near the Continental Shelf edge in the Gulf of Alaska, along the Aleutian Island chain, and in the Bering Sea. The 1975 total catch of 454,908 metric tons was distributed 76 percent, 6 percent, and 17 percent respectively in the three areas, and took a total effort of 18,844 vessel days or 51 1/2 years worth of days. Total groundfish landings were down 15 percent from 1974. A 30 percent reduction to the pollock landing accounted for most of the decrease, while increases to flatfish, Pacific cod and Atka mackerel landings reduced the effects of the lower pollock catches. There was only a 12 percent decrease in the number of vessel days in 1975 from 1974 (Table 3).

Gulf of Alaska

Soviet groundfish trawling in the Gulf of Alaska was conducted by stern trawlers concentrated mainly along the Continental Shelf edge. A major portion of the fishing effort was on Albatross and Portlock Banks near Kodiak Island. During March, May and August a few vessels fished near Chirikof, Sanak and Shumagin Islands in the western Gulf of Alaska. During July, a few ships operated near Kayak and Middleton Islands in the central Gulf of Alaska. The effort was fairly constant with 5 to 10 trawlers, except during February and September when the number of vessels increased to 20. Those increases reflected the passage of vessels to and from the Hake Fishery off the Pacific Northwest coast. Principle species taken in the Gulf of Alaska were rockfish, pollock and Atka mackerel. Almost 4,000 vessel days were used to land a total Gulf of Alaska catch of 78,981 metric tons, an amount very similar to 1974 total landings for the area. Fifteen percent of the total Soviet-Alaskan catch was landed by 21 percent of the total vessel days expended in the Alaskan region within the Gulf of Alaska.

Bering Sea

The Bering Sea experienced a 43 percent reduction in large Soviet stern trawlers but continued to take approximately 80 percent of the total Soviet-Alaskan catch. The total Bering Sea-Soviet fleet effort was reduced by 28 percent from 1974 (Table 3).

Soviet trawling for groundfish in the Bering Sea was again conducted primarily in two areas: (1) in the eastern Bering Sea north of the Fox Islands in the eastern Aleutians; and (2) in the central Bering Sea northwest of the Pribilof Islands. The principle species taken were arrowtooth flounder, sablefish, rockfish and pollock in the eastern Bering Sea, and pollock in the central Bering Sea. The central Bering Sea fishery was continuous throughout the year and was conducted by side trawlers and stern trawlers. The fishery in the eastern Bering Sea was also continuous but was conducted principally by side trawlers. The number of vessels present simultaneously in the groundfish fishery ranged from 10 to 75. The peak months were March, April, May, June and September, averaging 60 vessels. February, July and August averaged 30 vessels, while only 10 vessels fished in January.

While the Soviet-Bering Sea fleet continued to land over three-quarters of the Soviet-Alaskan catch, the total effort spent was down from 1974. The largest decrease effort was by large stern trawlers reduced by 45 percent from 5,187 vessel days to 2,933 vessel days. Small trawlers were reduced 21 percent and factoryships by 14 percent.

Soviet-Bering Sea landings were reduced only slightly from 1974. Incidental halibut landings increased slightly, but remained less than one-half of 1 percent of the total Bering Sea catch. Flatfish and Pacific cod catches increased by 20 percent or more. Atka mackerel landings were made in quantity for the first time totaling 462 metric tons. These species made up 21 percent of the Bering Sea landings. The major target species, pollock, was reduced by 32 percent to 209,957 metric tons. The total Bering Sea production of 347,318 metric tons accounted for 76 percent of the total Alaskan catch, and 50 percent of the entire Pacific catch made by the Soviet Union.

Aleutian Chain

Unlike 1974, the Soviet trawling along the Aleutian chain showed a significant increase. Large increased catches of Atka mackerel and rockfish reflected the change. Soviet trawling along the Aleutian Islands was conducted mainly by stern trawlers in three principle areas. The areas south of the Fox Islands were fished by three trawlers from late March through late April, and by one vessel in May. The Sequam-Amukta Islands area in the central Aleutians had a small fishery by four vessels in late August and mid-September. A new fishery was initiated along Petrel Bank in the western Aleutians by about 20 vessels in August and it increased steadily to 38 vessels by the end of September.

An increase to 2,226 vessel days in 1975 from 21 in 1974 resulted in increased catch landings. Pollock landings were down over 11,000 metric tons to 9,874 metric tons, but Atka mackerel and rockfish catches boomed. Atka mackerel catches were up from 1,377 metric tons to 6,377 metric tons, an increase of 460 percent. Rockfish landings were up an incredible 1400 percent to 11,877 metric tons. These totals forged an increase from 3 percent to 42 percent of the respective total landings in 1974 and 1975 by the Soviet-Alaskan fleet in the Aleutian area compared to total landings in the area. The total Aleutian catch was up over 3,200 metric tons to 28,609 metric tons, or 6 percent of the total Soviet-Alaskan catch. The massive increase in vessel days spent in the Aleutians netted the Soviets 50 percent of the total foreign catch landed in the Aleutian area.

Flounder Fishery

The winter flounder fishery began in early 1975 and continued throughout the year. The major change in the fishery was the elimination of the annual factory fleet effort off of Kodiak Island. This eliminated 98 vessel days from the effort exerted on flatfish. Ninety-five percent of the total flatfish catch came from the Bering Sea and overall accounted for most of the 22 percent increase in total flatfish landings by the Soviets in the Alaska region.

With the elimination of the annual factory fleet off of Kodiak, flatfish landings were made by trawlers targeting on other species such as pollock. These trawlers operated basically along the 200-meter depth contour in all waters in the Alaska region. The fishing season for flatfish thus aligns with that of the Soviet groundfish trawl fishery off Alaska.

Despite the loss of the factory ship fleet, total flatfish landings increased 22 percent over 1974. Flatfish landings increased by 30 percent in the Bering Sea, up to 49,800 metric tons, while increasing slightly in the Gulf of Alaska. Catches in the Aleutians were off slightly. Parallel to flatfish landings, the Bering Sea halibut landings increased by 14 metric tons to 137 metric tons. Gulf of Alaska halibut landings dropped off by 10 metric tons to 50 metric tons, and the Aleutian halibut catch dropped from 4 metric tons to 3 metric tons for all of 1975. Total incidental halibut landings by the Soviets in the Alaska region amounted to less than one half of 1 percent of the total Soviet catch. The total flatfish catch for the Soviets during 1975 in the Alaska region was 52,443 metric tons; up 11,213 metric tons from 1974.

Herring Fishery

The Soviets continued their annual winter herring fishery north and west of the Pribilof Islands in the central Bering Sea. The 1975 herring fishery began in early December 1974 and extended to mid-February, 1975, about two months shorter than in 1974. The fleet increased to 45 vessels by mid-December, but utilized only 50 vessels maximum during the brief season, compared to 78 during 1974. The number of ships present simultaneously varied from 42 to 50.

It is estimated that the 1975 herring expedition caught approximately 30,000 metric tons as compared to 50,000 metric tons in 1974. This catch was landed primarily in the central Bering Sea near the Continental Shelf edge. Some trawlers fishing westward in the central Bering Sea along the Continental Shelf edge caught other species in addition to herring, primarily Alaska pollock. During the second week of February, the herring expedition ended and the fleet shifted to the groundfish fishery.

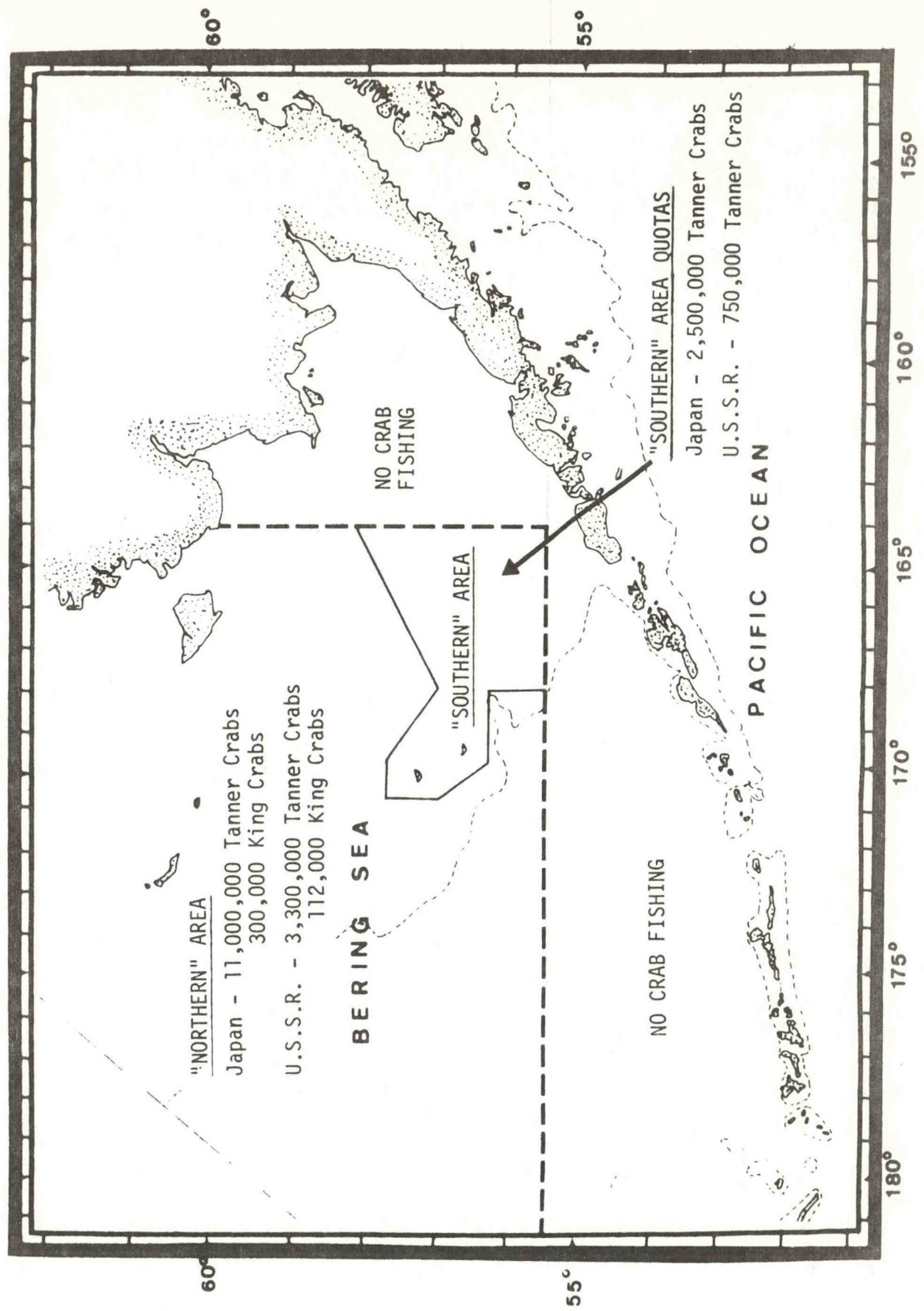
Shrimp Fishery

The Soviets did not conduct a shrimp fishery in the Alaskan area during 1975. The last Soviet shrimp fishery expedition occurred from January to March in 1974, and took approximately 2,000 metric tons of shrimp. This was the first time since 1964 that the Soviets did not have a shrimp fishery in the Alaska region.

Crab Fishery

Again in 1975 the Soviet Union failed to initiate a crab fishery in Alaskan waters. There has been no Soviet crab fishery in the Alaskan area since 1971. Established crab quotas for the Soviets are shown in Figure 11.

Figure 11.
 EASTERN BERING SEA CRAB QUOTAS FOR 1975 AND 1976
 ESTABLISHED BY U.S.-JAPAN CRAB AGREEMENT DECEMBER 1974
 AND BY U.S.-U.S.S.R. CRAB AGREEMENT JULY 1975



Whaling

No Soviet whaling activities occurred in Alaskan waters during 1975, but as in years previous, Soviet whaling was executed in North Pacific waters. The Soviets were allocated 53 percent of the 12,300 whale kill level. In 1975 allocations for the Soviet Union and the combined total catch for all of 1975 for the Soviet Union and Japan are as follows:

INTERNATIONAL WHALING COMMISSION
WHALE ALLOCATION CATCH FOR
JAPAN AND THE SOVIET UNION FOR
THE NORTH PACIFIC OCEAN

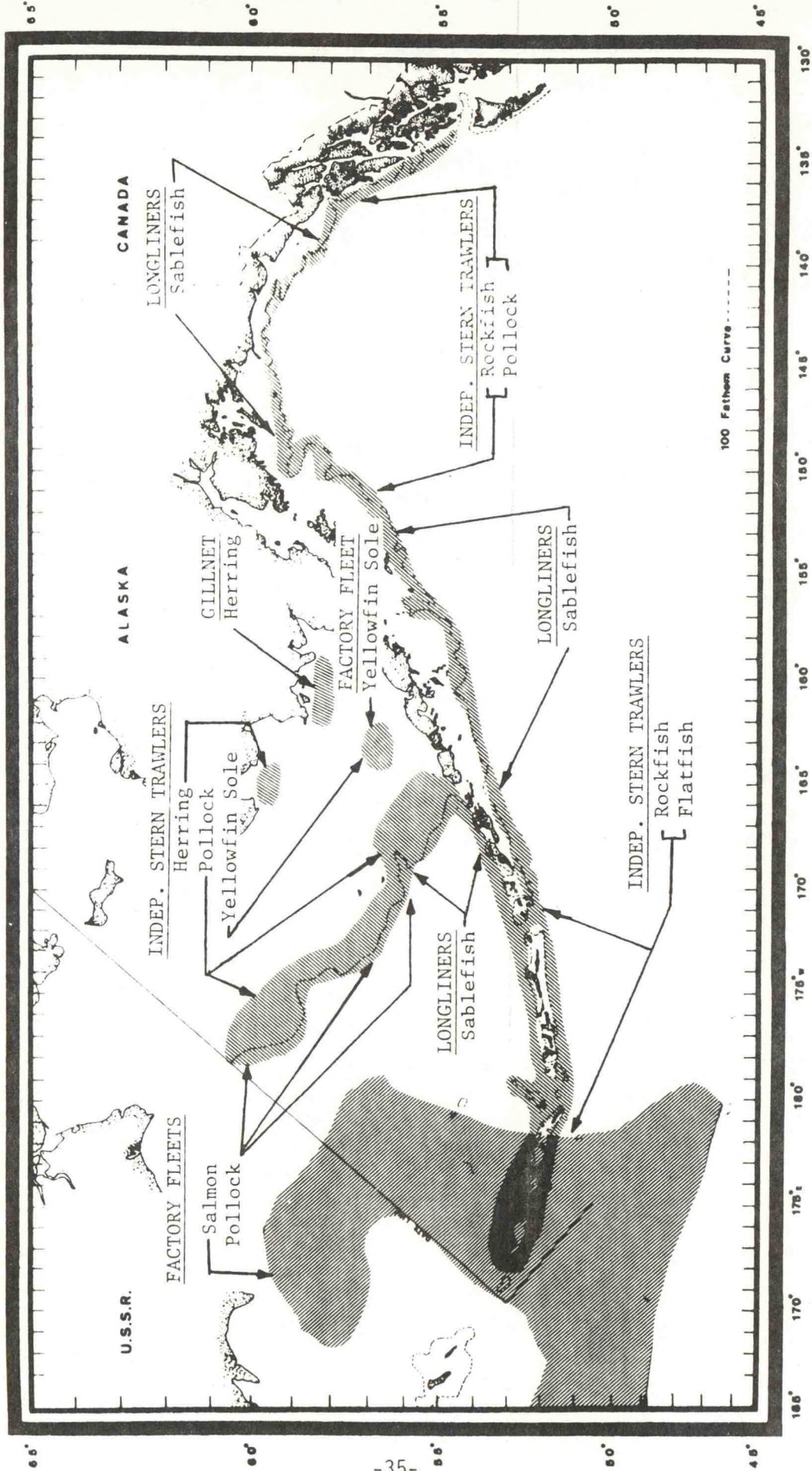
	USSR Allocations		Total Allocations for Japan and USSR
	<u>1975</u>	<u>1974</u>	<u>1975</u>
FIN	166	304	300
SEI	655	983	2,000
MALE SPERM	3,435	3,435	6,000
FEMALE SPERM	2,290	2,290	4,000
TOTALS:	<u>6,546</u>	<u>7,012</u>	<u>12,300</u>

XI. JAPANESE FISHING OPERATIONS

Japan continued to dominate the foreign fishing effort in the Alaskan waters netting 73 percent of 1975 total foreign catch. A total of 688 Japanese vessels operated in the Bering Sea, Aleutians and Gulf of Alaska (Fig. 12); a decrease of 79 vessels or 11 percent from the 1974 level. The Japanese fleet fished for several major species utilizing a variety of vessel types and sizes. Major effort was exerted during the second and third quarters of the year, when the fleet varied from 149 to 536 vessels. The lowest vessel counts from 50 to 60 occurred in January and December. Over 70 percent of the vessel effort was in the Bering Sea. Composition of the Japanese fleet by area by month is presented in Table 14. Fleet composition was approximately identical to 1974, despite the 11 percent decrease in total number of vessels (Table 14 and Appendix 4). The 1975 fleet composition was 20 factoryships, 596 fishing vessels, 65 support vessels, 4 patrol vessels, and 3 research vessels. Independent stern trawlers exerted the largest effort with 88 percent of the total Japanese vessel days (Table 3). Over half of the fishing days were by trawlers less than 1500 gross tons. Other types of vessels listed under fishing vessels included longliners, pot vessels and gillnetters. Factoryships generated 3 percent of the vessel days. Support vessels, patrol vessels and research vessels were all reduced in number, but maintained levels of activity in the same ratio to all other vessels as in 1974, completing 470 trips to the Bering Sea during 1975.

The Japanese fleet landed a variety of groundfish, salmon and crab species. Pollock continued to be the major catch landed, comprising 96% of the total catch by Japan in Alaskan waters. Other groundfish included a variety of rockfish, flatfish and miscellaneous species. Sablefish were landed in the Aleutians at a substantial increase over 1974 in what previously was a Gulf of Alaska dominated fisheries. There was a directed fishery for herring in the eastern Bering Sea, which proved very poor. Fisheries for salmon and crab by factoryship fleets were governed by specific quotas and relatively successful in filling those quotas. Final statistics indicated a total catch of 1.46 million metric tons landed in the Alaska region, a decrease of 256,706 metric tons, or 15 percent, from 1974.

FIGURE 12.--JAPANESE FISHING AREAS OFF ALASKA, 1975



NOTE: Does not show crab vessels

GROUND FISH TRAWL FISHERY

Japan's groundfish trawl fishery continued to dominate total Japanese and total foreign landings in the Alaska region. Both independent stern trawlers and factoryship fleets were utilized. Factoryship fleets remained in the central and eastern Bering Sea, while independent stern trawlers worked the entire Alaska region. Independent stern trawlers made up 90 percent of the fleet, and factory fleets comprised 3 percent of the total fleet, together taking 96 percent of the total Japanese catch.

Independent Trawler Operation

Gulf of Alaska trawling for groundfish was continuous throughout the year and conducted by independent stern trawlers. The trawlers fished along the Continental Shelf edge from off the southeastern coast to south of the Shumagin Islands in the western Gulf of Alaska. The effort was fairly constant with 8 to 11 trawlers, except during September when the number of vessels decreased to 6. Principle species taken in the Gulf of Alaska were rockfish, sablefish and pollock.

Trawling along the Aleutian Island chain was conducted by independent stern trawlers continuously from late in March. The effort was concentrated principally in the central Aleutians in the area of Sequam-Amukta Pass and in the western Aleutians off the Rat and Near Island groups. Five to 6 vessels fished in the central Aleutian area from April to September, 2 to 4 vessels fished in the western Aleutians during May, and in late June and July the number of trawlers in the western Aleutian area increased to 15, stabilizing to an average of 10 for the remainder of the period. The major portion of the catch along the Aleutian Island chain continued to be rockfish.

Independent stern trawlers fished year round along the Continental Shelf edge for groundfish in the Bering Sea. During the winter and spring months the effort was confined to the area west and northwest of the Pribilof Islands due to Japanese domestic regulations. This was a departure from previous years when the principle winter effort was between Unimak Pass and the Pribilof Islands. In mid-May, when the domestic regulations per-

mitted, the trawlers then fished along the entire Continental Shelf edge from Unimak to far northwest of the Pribilof Islands. The effort was fairly constant with the average number of trawlers being 30 from May through September. The peak month was April with 35; February and March with 32; and 15 in January, the lowest. As in previous years, the trawlers principle catch was pollock.

Factoryship Fleets

The 1975 factoryship fleet consisted of six groundfish processing vessels which operated along the Continental Shelf edge in the Bering Sea. This was a reduction of one fleet from previous years. This large fishery began in late January by one factoryship fleet which was joined by two additional fleets in April. The remaining 2 fleets joined the annual expedition in June, bringing the total effort to 5 motherships and 101 trawlers. All five fleets remained in the Bering Sea through October. As with the independent stern trawlers, fishing for pollock in the Bering Sea, the Japanese domestic regulations altered the normal fishing patterns from previous years. Usually the fleets fish southwest of the Pribilof Islands in the winter and spring months, and then move northward, as the pollock migrate onto the Continental shelf. During 1975, all five fleets operated northwest and west of the Pribilof Islands until August, when they shifted to the area between Unimak Pass and the Pribilof Islands. During September, three of those fleets again returned to far northwest of the Pribilof Islands.

The annual winter fishery for flounder began in October 1975 by a factoryship fleet and seven accompanying trawlers on the Continental Shelf north of Unimak Island in the eastern Bering Sea. The fishery was continued by a single factoryship fleet, until early January 1976, when it was joined by a second factoryship.

LONGLINE FISHERY

The 1975 Japanese longline fishery for sablefish off Alaska was again primarily in the Gulf of Alaska, however a substantial increase in effort was conducted in 1975 along the Aleutian Islands chain. As in past years, only sporadic effort was conducted in the Bering Sea. Longline fishing in the Gulf of Alaska was continuous throughout 1975. The average number of vessels present per month varied from seven to eight throughout the year, except for a high of twelve in the month of September. The vessels fished along the Continental Shelf edge from off the southeastern Alaskan coast through the western Gulf of Alaska and in the Bering Sea to south of the Pribilof Islands.

Longlining for sablefish along the Aleutian Island chain was conducted at an increase level in 1975 over 1974. With the exception of January, vessels fished along the Continental Shelf edge throughout the period. Fishing effort was primarily in the central and eastern Aleutian area, with limited effort off the western Aleutians. An average of two vessels fished during February, March, May, and August; one vessel during June and July; three vessels during September; and a high of four vessels in April.

A minor longline fishery for sablefish was conducted along the Continental Shelf edge in the Bering Sea. One vessel fished west and northwest of the Pribilof Islands during January and August, and two vessels fished southeast of the Pribilof Islands during February, August and October.

It is estimated that the Japanese longline catch totaled approximately 23,000 metric tons in 1975 and was composed mainly of sablefish, with secondary species of rockfish and flounder.

HERRING FISHERY

The 1975 Japanese herring fishery off Alaska was limited to a gillnet fishery during the spring months along the western coast of Alaska. The normal winter trawl fishery in the central Bering Sea was not conducted during the winter of 1974-1975. The spring gillnet fishery was initiated in mid-May by six gillnet vessels in the Togiak area on the northwestern approaches to Bristol Bay. Severe ice conditions in the Bering Sea prevented the vessels from fishing northward beyond Nunivak Island, and the fishery was abandoned during the first week in June. The 1975 gillnet expedition caught between 500 to 1,000 metric tons of herring.

SALMON FISHERY

Japan conducted the annual High Seas Salmon Fishery as in 1974, employing 10 factorships and 332 gillnet vessels (Appendix 4). The season began on May 21 and ended on July 25, for a season five days longer than in 1974. During those 66 days, the fleet fished within both the North Pacific Ocean and Bering Sea west of 175-00 west longitude.

The 1975 Japanese high seas salmon fishery was governed by two treaties. They were: (1) International North Pacific Fisheries Convention (INPFC) between Japan, Canada and the United States, which prohibits Japanese salmon fishing east of longitude 175⁰W; and (2) the Northwest Pacific Fisheries Convention between Japan and the USSR, which governs Japanese fishing in the North Pacific Ocean and Bering Sea west of 175⁰ west longitude. The latter treaty places a quota on the Japanese salmon catch, which is renegotiated each year. The 1975 quota for the factoryships was 34,108 metric tons. This was an increase of 406 metric tons from the previous year. Additional domestic measures were taken by the government of Japan to help protect the Bristol Bay sockeye runs, which included both time and area closures west of 175⁰ west longitude.

The 10 mothership fleets operated north and south of the western Aleutian Islands, reaching full strength only in June. During the last half of May, six of the fleets operated in the area south of the western Aleutians. During June, all 10 fleets were in the Alaskan area and the fleet started shifting north of the Aleutian Island chain during mid-month. At the end of June, four fleets were operating in the Bering Sea and the remaining six south of the Aleutians. During the first half of July, there was a reduction to eight, six of which fished in the Bering Sea and two fished south of the chain. For the remaining part of the season, only six fleets operated in the Alaskan area, of which one remained south of the Aleutians. For the total season, over half of the total effort was exerted south of the Aleutian chain.

Japan's 1975 salmon catch from the North Pacific Ocean and Bering Sea totaled 49.5 million fish, of which less than half, or 20.4 million fish were landed

in Alaskan waters. The remainder were landed by Japan's land-based driftnet fishery, which did not enter Alaskan or near Alaskan waters. The total numbers of fish in the Alaskan catch made solely by the 10 mothership fleets included 11 percent sockeye, 53 percent pink, 34 percent chum, 1 percent coho, and 1 percent chinook salmon. As in past years, sockeye salmon destined for Bristol Bay were in the catch. Of the total sockeye catch, 639,000 mature and 257,000 immature sockeye destined for Bristol Bay were taken by the salmon fleets. Compared to 1974, the 1975 total mothership fleet catch was slightly less than 1 percent smaller, although the total quota for the season was 406 tons higher.

SNAIL FISHERY

There was no snail fishery conducted in Alaskan waters during 1975. This was a reduction of one factoryship and up to five independent pot vessels from 1974 and reduces the annual snail harvests from a reported catch of over 13,000 metric tons in 1974 to zero tons in 1975.

CRAB FISHERY

Japan again conducted its annual crab fishery in the eastern Bering Sea; this year employing two factoryship fleets and a number of independent crab pot vessels (Fig. 13 and Appendix 4). The two factoryships were accompanied by a total of twelve pot fishing vessels, six with each fleet, for a total of eighteen less than were utilized in 1974. Thirty-two independent crab pot vessels were also licensed by Japan to take crab, but only five were sighted in the Bering Sea.

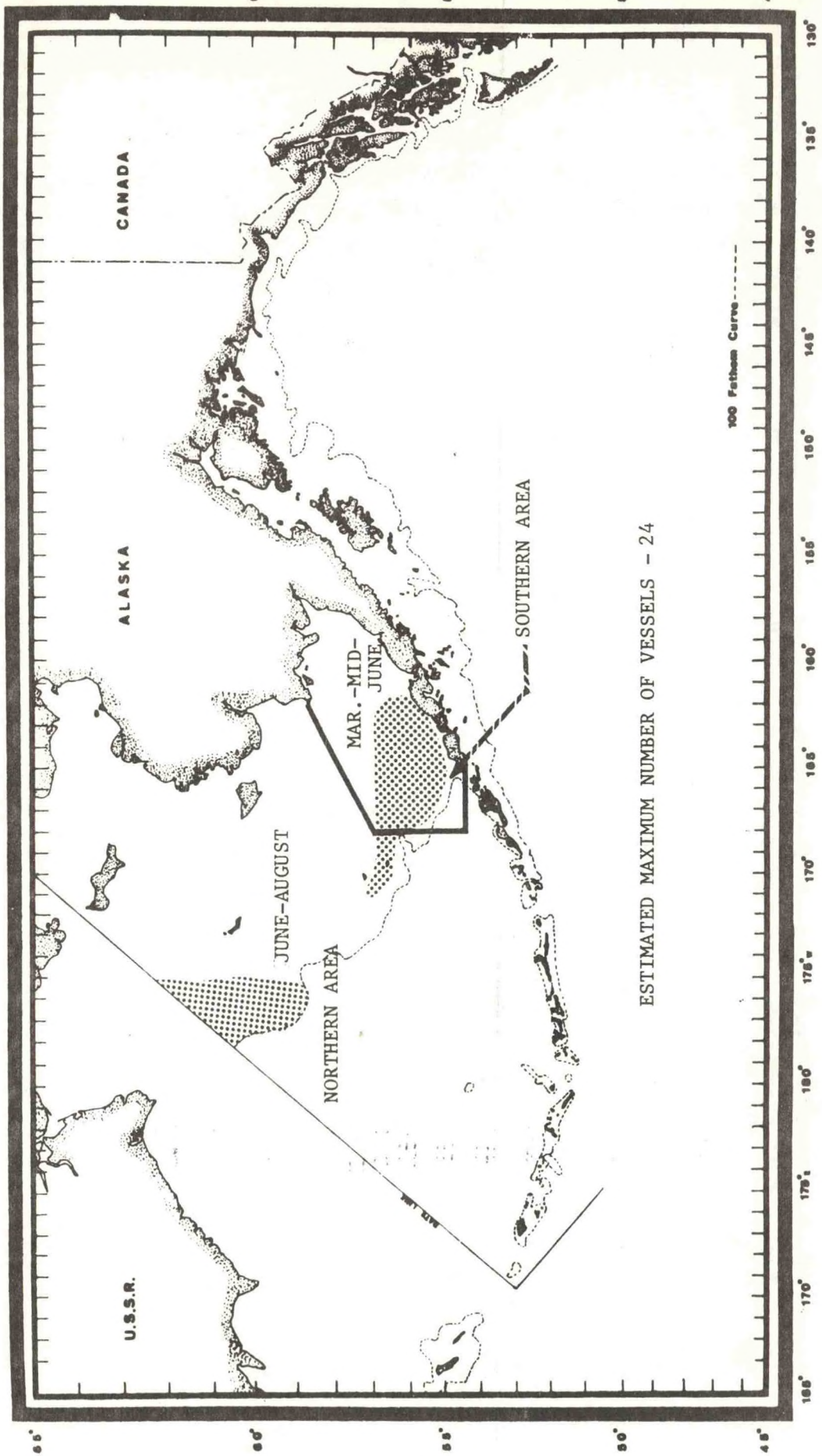
The 1975 factoryship crab fishery on the Continental Shelf in the eastern Bering Sea was the first season of fishing under the reduced quotas established by the U.S.- Japan fisheries agreement for 1975 and 1976. The agreement divides the Bering Sea into two areas (Fig. 13): (1) the southern area north of the Alaska Peninsula in the eastern Bering Sea; and (2) the northern area which is generally northwest of the line running from Cape Newenham almost to the Pribilof Islands. A provision of the agreement was that crab could only be taken by pots and that U.S. and Japanese observers would be aboard the factory motherships. The annual Japanese quota was set at 2,500,000 Tanner crab in the southern area, and the northern area was allocated 11 million Tanner crab and 300,000 king crabs. The northern area Tanner crab quota was divided eight million crab for mothership fleets, and the remaining three million crab for independent crab pot vessels.

A total of 192 vessel days were utilized by the Japanese crab mothership fleet. Sixty-two percent of those days were in the northern area where the largest catch per pot and 75 percent of the total catch was landed. The mothership effort data for 1975 was as follows:

MOTHERSHIP EFFORT

Area	Vessel Days		Average No. Pots Hauled		No. of Crabs Landed (X1000)		Entire Fishing Time	
		%		%		%	Tons/Pot	Crabs/Pot (X1000)
Southern	72	38%	166	30%	2,309	25%	15.06	13.9
Northern	120	62%	386	70%	7,126	75%	14.51	18.4
TOTALS:	192		552		9,435		14.70	17.1

FIGURE 13.--JAPANESE CRAB FISHING AREAS, 1975



The expedition arrived in the southern area and commenced fishing operations on March 11 and one fleet shifted operations to the northern area on April 14, closely followed by the second fleet on April 18, having taken the quota in the southern area. Both fleets, however, harvested the allowable quota in the northern area by June 15 and returned to Japan.

The following tabulation reflects the catch and quota of each species in numbers of crab for the southern and northern area:

MOTHERSHIP QUOTAS AND CATCH

	<u>Southern area</u>		<u>Northern Area</u>	
	<u>Quota</u>	<u>Catch</u>	<u>Quota</u>	<u>Catch</u>
King Crab	-0-	-0-	300,000	-0-
Tanner Crab	2,500,000	2,309,000	11,000,000	7,126,000

The 9.43 million crabs landed produced an estimated catch of 8,100 metric tons, of which 4,700 tons produced frozen crab legs for delivery to Japan (Table 15).

For several years the Japanese have been placing increased emphasis on freezing rather than canning their catches. In 1975, both factoryships processed their entire crab catch by freezing.

Again in 1975, the Japanese conducted a Tanner crab fishery by independent crab pot vessels in the western Bering Sea off Cape Navarin. A portion of the northern area quota, or three million Tanner crab, were allocated to these independent crab vessels. The fishery extended southeast of the International Date Line into the area commonly referred as the Central Bering Sea Triangle. Thirty-two vessels were licensed by the Japanese fisheries agency to engage in a fishery, however, only five vessels were observed operating between 175° west longitude and the International Date Line. Their total catches are unknown.

WHALING

The Japanese North Pacific whaling fleet remained outside Alaskan waters in 1975. Within the North Pacific Ocean, the factoryships KYOKUYO MARU NO. 3, NISSHIN MARU NO. 3 and the TONAN MARU NO. 2 landed 46.8 percent of the total allocation for 1975, which for Japan included 134 fin whales, 1,345 sei whales, 2,565 male sperm whales and 1,710 female sperm whales. This was a 12 percent decrease in a number of whales landed from 1974. Allocations for Japan and the total allocation for Japan and the Soviet Union were as follows for 1975 and 1974:

INTERNATIONAL WHALING COMMISSION WHALE ALLOCATION CATCH FOR JAPAN AND THE SOVIET UNION FOR THE NORTH PACIFIC OCEAN

	Japanese Allocations		Total Allocations for Japan and USSR
	<u>1975</u>	<u>1974</u>	<u>1975</u>
FIN	134	246	300
SEI	1,345	2,017	2000
MALE SPERM	2,565	2,565	6,000
FEMALE SPERM	1,710	1,710	4,000
TOTALS:	<u>5,754</u>	<u>6,538</u>	<u>12,300</u>

XII. SOUTH KOREAN FISHING OPERATIONS

South Korean fishing off Alaska in 1975 was at a reduced effort from 1974 (Fig. 14 & Table 2). A total of 13 independently operated stern trawlers and 9 longliners operated off Alaska in 1975 (Appendix 5). This was a decrease of 15 vessels from the previous year. The estimated total catch for South Korea in 1975 totaled 18,000 metric tons, nearly half the estimated catch of 35,000 to 40,000 metric tons for 1974. The total South Korean effort amounted to 2 percent of the total foreign effort in the Alaska region.

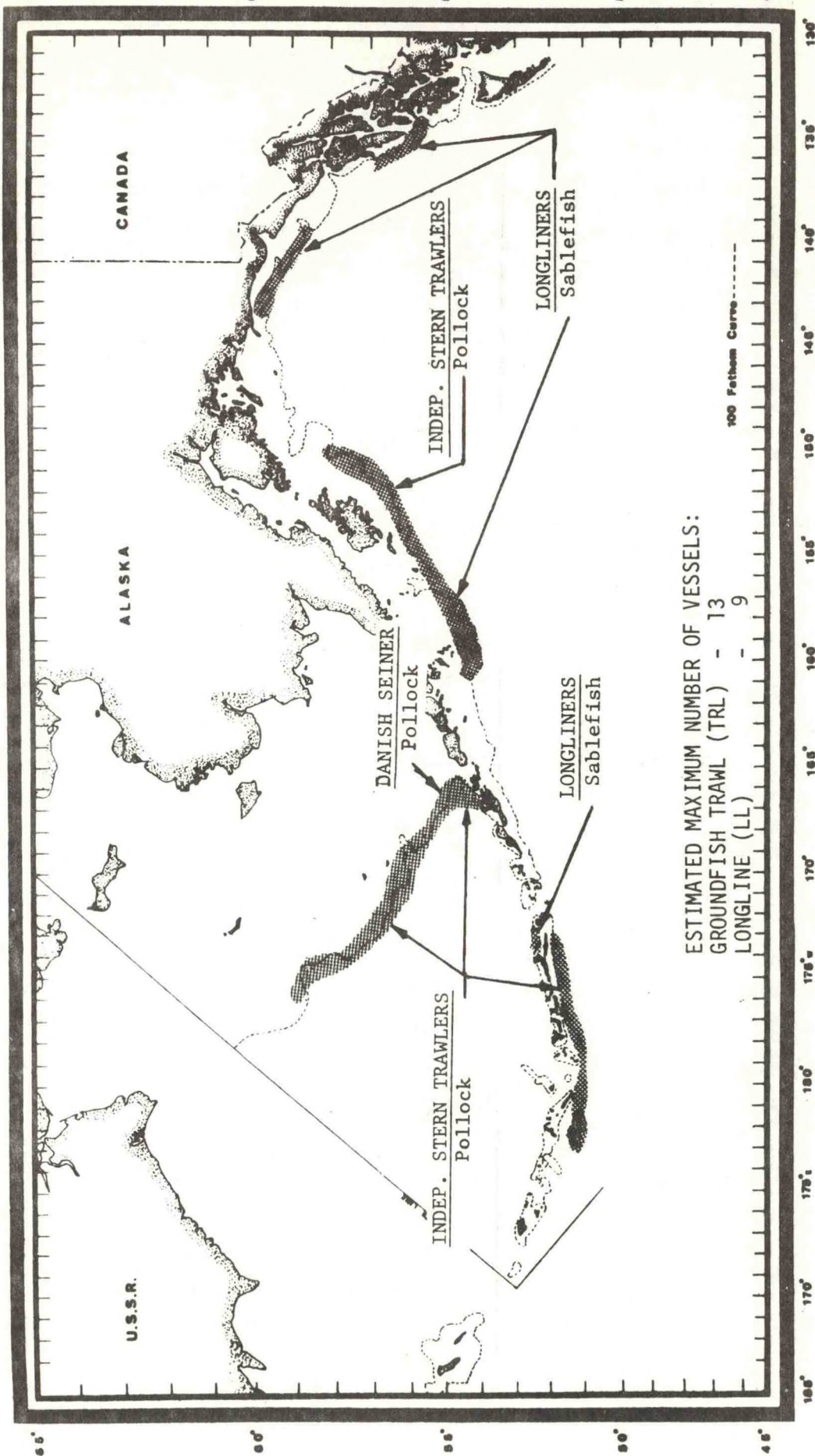
South Korean effort paralleled the 1975 South Korean total catch, in that both were cut in half or more from 1974 levels (Table 3). The largest decreased effort was in the Bering Sea where 95 percent of the 1974 effort level was eliminated. Massive reductions to the trawler fleet and total elimination of the factory fleet were the cause. Effort in the Aleutian area experienced large increases as the trawler fleet expanded. Large trawler effort also expanded in the Gulf of Alaska, allowing for an 8 percent increase in the South Korean fishing effort in the Gulf of Alaska. Overall, only large trawlers increased vessel day effort in 1975 from the previous year, increasing 11 percent. The total South Korean-Alaskan effort was down 71 percent from 1974 levels.

Groundfish Trawl Fishery

Forty-nine percent of the total South Korean fishery landed groundfish. Vessels utilized included stern trawlers and one independent Danish seiner. It is estimated that the South Koreans caught 15,000 to 17,000 metric tons of groundfish in 1975.

South Korean trawling in the Gulf of Alaska was confined to a brief period at mid year. In late July, five stern trawlers operated along the Continental Shelf edge from the Shumagin Islands eastward to Albatross Bank. One of the trawlers departed in mid-August and the remaining trawlers departed a week later.

FIGURE 14 -- SOUTH KOREAN FISHING AREAS OFF ALASKA, 1975



Trawling along the Aleutian Island chain began in mid-May by a single stern trawler fishing south of eastern Aleutians until mid-June. In late July, three stern trawlers resumed fishing in that same area with one vessel leaving soon to fish in the Gulf of Alaska. The two remaining trawlers were joined in late August by two additional trawlers bringing the total to four. The effort continued at four stern trawlers until mid-September when it declined to three which operated throughout the month and then departed the area. Also in late July, one stern trawler fished briefly south of the central Aleutians in the Andreanof Islands area.

It is estimated that a South Korean trawl catch in the Gulf of Alaska and along the Aleutian Islands totaled approximately 10,500 metric tons, primarily rockfish, sablefish and pollock.

South Korean trawling for groundfish in the Bering Sea was initially by an independent stern trawler which operated northwest of the Pribilof Islands along the Continental Shelf edge from late 1974 until early January 1975. A large Danish seine trawler operated north of the Fox Islands in the eastern Aleutians during February and the first half of March. During June another stern trawler operated off the Pribilof Islands. The Danish Seine vessel returned in mid-July and fished west of the Pribilof Islands until early August when the vessel returned to the area north of the Fox Islands. The seiner continued to operate in that area until late September. During 1975 the South Koreans did not employ a factory ship fleet for groundfish in the eastern Bering Sea as they had done in 1974.

The three vessels which operated in the Bering Sea during 1975 presumably were targeting on pollock and it is estimated that their catch totaled about 6,000 metric tons.

Longline Fishery

South Korean longline fishing for sablefish in the Gulf of Alaska counted for 51 percent of that nation's 1975 fishing effort. This effort was sporadic and involved at least nine different longline vessels. Most of the effort was in the eastern Gulf of Alaska, largely off southeast Alaska and involved: January - one to three longliners; February through April - one to two longliners; May - four longliners; June through November - one to two longliners; and December - one to three longliners.

In the central Gulf, mainly on Portlock and Albatross Banks, there was: one longline vessel in September; three longliners in June; and one to two longliners in July and August. Longlining in the western Gulf was limited to one ship in November and two in April.

Longlining for sablefish along the Aleutian Islands was confined to two brief periods. One vessel fished south of Fox Islands in the eastern Aleutians from mid-September through the end of October; and one vessel fished in the Sequam-Amukta Islands area of the central Aleutians during the month of April.

It is estimated that the South Korean longline catch in the Gulf of Alaska and along the Aleutian Islands totaled between 1,500 and 2,000 metric tons, primarily sablefish.

XIII. TAIWANESE FISHING OPERATIONS

Taiwan, or the Republic of China, entered the Alaskan area for the first time in 1975, with an independent stern trawler which trawled for groundfish and gillnetted for salmon in the central and eastern Bering Sea, and a single longline vessel for blackcod (Fig. 15). These vessels accounted for less than one-half of 1 percent of the total foreign effort and catch in the Alaska Region (Table 3).

Groundfish Fishery

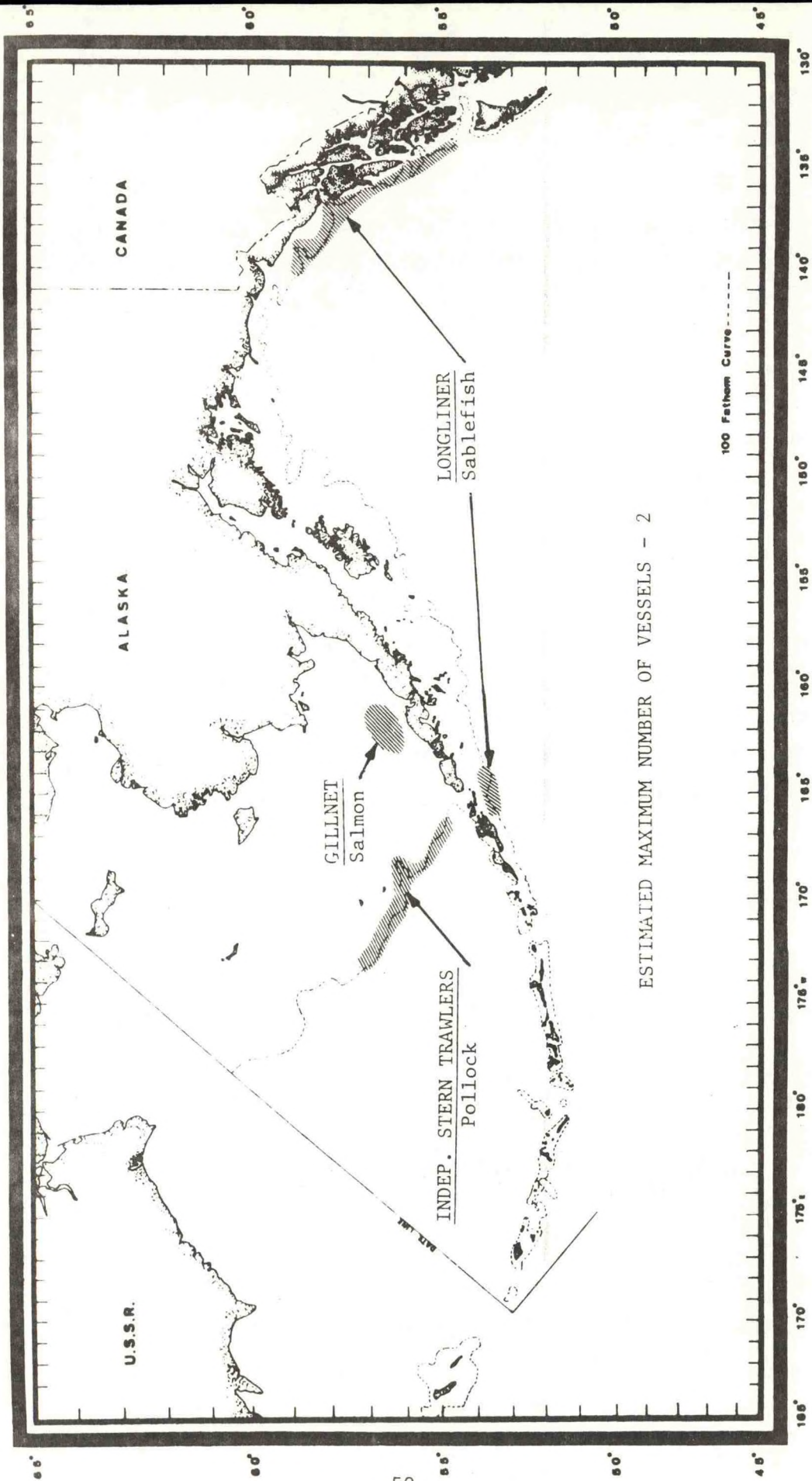
A Taiwanese stern trawler initiated a groundfish fishery in the eastern Bering Sea during December 1974. During the next six months the vessel made three separate voyages to the Bering Sea fishing grounds; late December to mid-February, March to early April, and late April to May. The vessel fished primarily west and southwest of the Pribilof Islands along the Continental Shelf edge. It is believed that the stern trawler was targeting on pollock, but took a variety of groundfish species as well. It is estimated that the Taiwanese groundfish catch in the Bering Sea totaled approximately 2,250 metric tons.

Salmon Fishery

The Taiwanese stern trawler which had previously fished for groundfish later returned to the eastern Bering Sea after having been temporarily modified to fish salmon gill-net. The vessel arrived north of the Alaska Peninsula in the approaches to Bristol Bay on July 2 and began fishing for salmon using over ten miles of monofilament gill-net. The vessel continued fishing salmon in that area until departing July 31 for return to its homeport of Keelung via Japan.

It is estimated the Taiwanese salmon catch in the eastern Bering Sea totaled 150 metric tons, roughly 50 percent sockeye salmon and 50 percent chum salmon.

FIGURE 15. --TAINIAESE FISHING AREAS OFF ALASKA, 1975



ESTIMATED MAXIMUM NUMBER OF VESSELS - 2

Longline Fishery

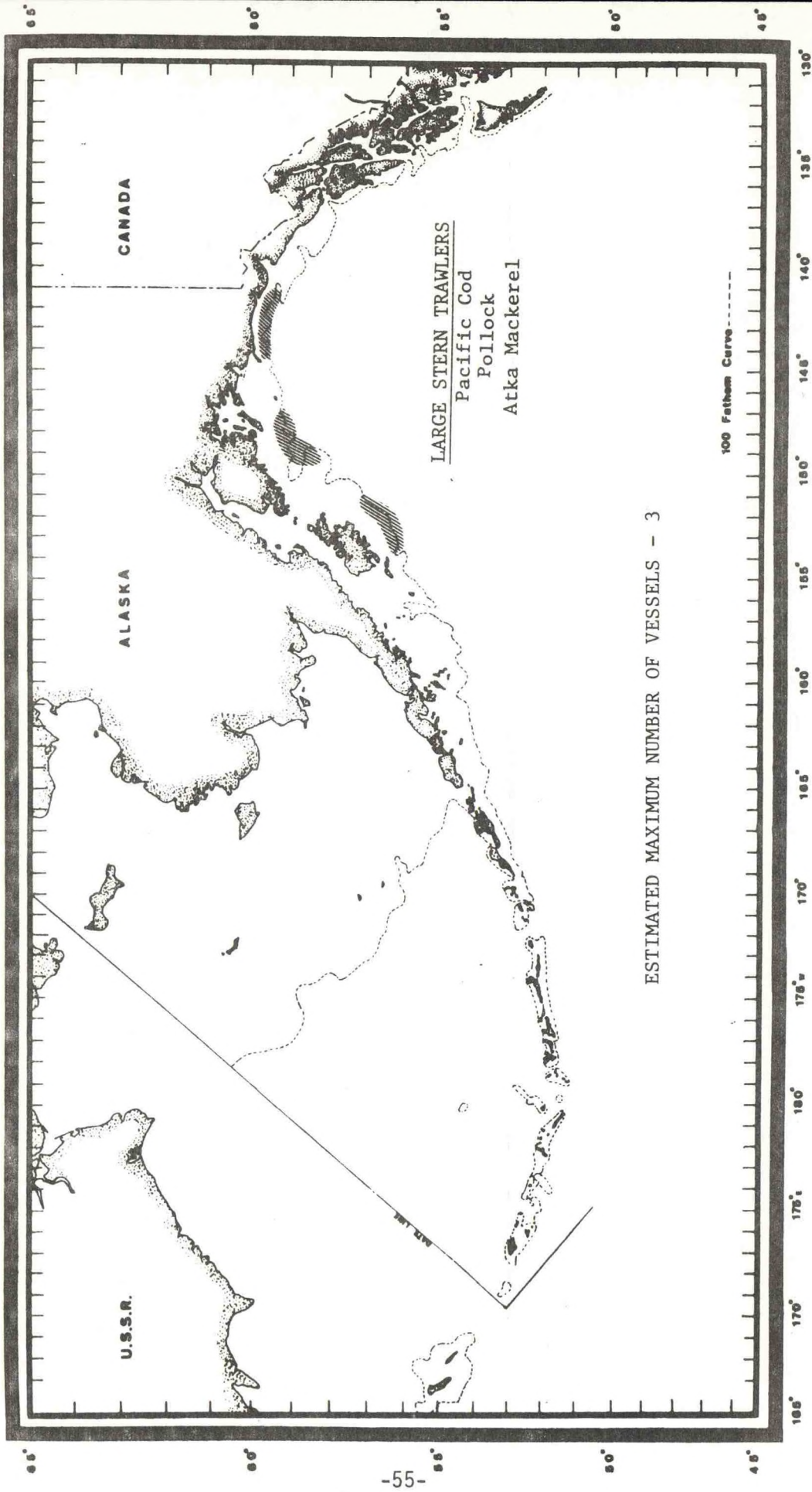
Taiwan began a longline fishery for sablefish in the Gulf of Alaska in 1975 utilizing a single vessel. Converted from tuna fishing, the vessel fished in the western Gulf of Alaska for a few days and then moved to the Southeastern Gulf in early September. The vessel was seized on September 9 for violating the United States contiguous fishery zone. On October 20, the master was fined \$5,000. Settlement of \$222,000 was reached in civil suit against the vessel. After payment of the fine, the vessel continued fishing in the southeastern Gulf of Alaska through the end of 1975.

XIV. POLISH FISHING OPERATIONS

Poland entered the fisheries off Alaska in late December 1974 (Fig. 16) with a single independent stern trawler pursuing groundfish in the Gulf of Alaska. It fished mainly in the eastern Gulf of Alaska between Kayak Island and Yakutat. The stern trawler was joined by another in mid-January 1975 when they both shifted to Albatross Bank south of Kodiak Island. The first stern trawler was replaced by a third stern trawler in late January. The second and third stern trawlers remained in the Albatross Bank area until late February 1975 when the fishery ended. Polish trawlers targeted on Pacific cod, but landed a variety of groundfish species. Pacific cod composed 30 percent of all landings, and with pollock (24 percent), and Atka mackerel (23 percent) made up over three-quarters of the Polish catches in the Gulf of Alaska. Rockfish and miscellaneous species made up the remainder of the total Polish catch of 2,663 metric tons, accounting for less than 1 percent of the total foreign catch (Table 3).

Polish vessels were of two class sizes: medium trawlers of 1500 to 2500 gross tons; and large trawlers from 2501 to 3500 gross tons. Polish vessels trawled for a total of 4,568 hours, with 89 percent of those from medium trawlers. During that time medium stern trawlers landed 48 percent of the total catch.

FIGURE 16.--POLISH FISHING AREAS OFF ALASKA, 1975



XV. TABLES

FOREIGN FISHING VESSELS IN ALASKA REGION
BY GENERAL TYPE AND TOTAL CATCH
1972-1975

Table 1.

	VESSEL TYPE				RESEARCH	PATROL	% CHANGE	MAX. & MIN. VESSELS PRESENT	TOTAL ^{1/} CATCH (m. t.)	% CHANGE FROM PREVIOUS YEAR
	SUPPORT	FACTORY	FISHING							
JAPAN										
1975	65	20	596	3	4	688	- 11%	536/51	1,458,108	- 15%
1974	75	20	659	5	8	767	+ 7%	541/51	1,714,814	- 5%
1973	51	23 ^{2/}	629	2	8	714	- 21%	575/51	1,808,412	- 1.5%
1972	91	22 ^{2/}	784	4	6	907	--	445/56	1,835,000	--
USSR										
1975	19	26	211	3	2	261	- 42%	75/38	455,000 ^{3/}	- 16%
1974	86	24	328	4	6	448	+ 8%	139/25	534,000	+ 15%
1973	96	0	304	11	3	414	- 24%	117/22	457,000	- 9%
1972	112	24	388	16	4	544	--	180/20	500,000	--
ROK										
1975	2	0	20	--	--	22	- 51%	12/1	17,000	- 56%
1974	0	2	41	--	--	43	+100%	24/2	39,000	+504%
1973	0	1	21	--	--	22	+366%	9/0	7,737	- 41%
1972	0	0	6	--	--	6	--	5/0	13,150	--
TAIWAN										
1975	0	0	2	--	--	2	--	2/0	2,250	--
1974						0				
1973						0				
1972						0				
POLAND										
1975	0	0	3	--	--	3	+300%	2/0	4,000	--
1974	0	0	1	--	--	1	--	1/0	NO REPORT	--
1973						0				
1972						0				

^{1/} Does Not Include Crab Landings and For Japanese Includes Whales

^{2/} Includes Whale Factory Ships

^{3/} Soviet Catch Believed to Include Catches from NW Bering Sea

Table 2.
TOTAL NUMBER OF FOREIGN VESSELS
BY MONTH COMPARING
1974 to 1975

	USSR		JAPAN		SOUTH KOREA		TAIWAN		POLAND		TOTAL ALL NATIONS		% CHANGE
	1974	1975	1974	1975	1974	1975	1974	1975	1974	1975	1974	1975	
JAN	101	75	66	51	0	4	0	0	0	2	167	133	- 22%
FEB	131	70	77	80	1	3	0	0	0	2	208	156	- 26%
MAR	139	68	104	96	2	3	0	0	0	0	245	168	- 32%
APR	96	66	173	149	4	4	0	0	0	0	249	220	- 12%
MAY	70	65	400	175	10	5	0	0	0	0	481	246	- 49%
JUNE	34	64	541	536	30	7	0	0	0	0	605	607	< + 1%
JULY	25	38	480	468	36	13	0	0	0	0	541	520	- 4%
AUG	26	39	226	181	31	12	0	0	0	0	283	233	- 18%
SEPT	26	73	212	180	24	7	0	0	0	0	262	261	- 1%
OCT	57	51	90	81	3	1	0	0	0	0	150	134	- 11%
NOV	87	62	64	72	2	1	0	0	0	0	153	136	- 12%
DEC	65	58	51	61	4	3	0	0	1	0	121	123	+ 1%

TABLE 3

FOREIGN EFFORT (VESSEL DAYS) COMPARISON
BY VESSEL TYPE, NATION, AND AREA
1974 - 1975

	TOTAL FOREIGN EFFORT			UR			% UR EFFORT TO TOTAL FOREIGN EFFORT			JA			% JA EFFORT TO TOTAL FOREIGN EFFORT			ROK			
	VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			
	1974	1975	% Change	1974	1975	% Change	1974	1975		1974	1975	% Change	1974	1975		1974	1975	% Change	
BERING SEA																			
Large Trawl	14,511	13,398	- 8%	5,187	2,933	- 43%	36%	22%		9,030	10,325	+ 14%	62%	77%		294	42	- 86%	
Small Trawl	35,476	27,869	- 21%	11,578	9,107	- 21%	33%	33%		21,315	18,662	- 12%	60%	67%		2,583	91	- 96%	
Factory	2,268	1,701	- 25%	728	623	- 14%	32%	37%		1,337	1,078	- 19%	59%	63%		203	-0-	-100%	
Other	448	336	- 25%	-0-	-0-	--	--	--		448	329	- 27%	100%	98%		-0-	7	+100%	
Total	52,703	43,304	- 18%	17,493	12,663	- 28%	33%	30%		32,130	30,394	+ 5%	61%	70%		3,080	140	- 95%	
ALEUTIAN ISLANDS																			
Large Trawl	1,939	4,242	+120%	-0-	2,100	NEW	--	50%		1,925	2,100	+ 9%	99%	50%		14	42	+200%	
Small Trawl	21	126	+500%	21	126	+500%	100%	100%		-0-	-0-	--	--	--		-0-	-0-	--	
Factory	-0-	-0-	--	-0-	-0-	--	--	--		-0-	-0-	--	--	--		-0-	-0-	--	
Other	91	294	+223%	-0-	-0-	--	--	--		91	273	+200%	100%	93%		-0-	21	+100%	
Total	2,051	4,662	+127%	21	2,226	+10,500%	1%	48%		2,016	2,373	+ 18%	98%	51%		14	63	+350%	
GULF OF ALASKA																			
Large Trawl	4,760	7,791	+ 64%	1,316	3,878	+195%	28%	50%		3,318	3,409	+ 3%	70%	44%		119	392	+229%	
Small Trawl	2,527	77	- 97%	2,520	77	- 97%	100%	100%		7	-0-	-100%	< 1%	--		-0-	-0-	--	
Factory	98	-0-	-100%	98	-0-	-100%	100%	--		-0-	-0-	--	--	--		-0-	-0-	--	
Other	4,053	3,542	- 13%	-0-	-0-	--	--	--		3,297	2,926	- 11%	81%	83%		756	553	- 27%	
Total	11,438	11,410	- 1%	3,934	3,955	+ 1%	34%	35%		6,622	6,335	- 4%	58%	56%		875	945	+ 8%	
TOTALS - ALL AREAS COMBINED																			
Large Trawlers	21,210	25,431	+ 20%	6,503	8,911	+ 37%	31%	35%		14,273	15,834	+ 11%	67%	62%		427	476	+ 11%	
Small Trawlers	38,024	28,072	- 26%	14,119	9,310	- 34%	37%	33%		21,322	18,662	- 12%	56%	66%		2,583	91	- 96%	
Factory	2,366	1,701	- 28%	826	623	- 25%	35%	37%		1,337	1,078	- 19%	57%	63%		203	-0-	-100%	
Other	4,592	4,172	- 9%	-0-	-0-	--	--	--		3,836	3,528	- 8%	84%	85%		756	581	- 23%	
Total	66,192	59,376	- 10%	21,448	18,844	- 12%	33%	32%		40,768	39,102	- 4%	62%	66%		3,969	1,148	- 71%	

LARGE TRAWLERS - ≥1,500 Gross Tons
SMALL TRAWLERS - <1,500 Gross Tons
FACTORY - Non Trawling Processors
OTHER - Fishing Vessels Other Than Trawlers and Processors

TABLE 3a

FOREIGN EFFORT (VESSEL DAYS) COMPARISON
BY VESSEL TYPE, NATION, AND AREA
1974 - 1975

	TOTAL FOREIGN EFFORT			TW			% TW EFFORT TO TOTAL FOREIGN EFFORT			PO			% PO EFFORT TO TOTAL FOREIGN EFFORT		
	VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			VESSEL DAYS			VESSEL DAYS		
	1974	1975	% Change	1974	1975	% Change	1974	1975	% Change	1974	1975	% Change	1974	1975	% Change
BERING SEA															
Large Trawl	14,511	13,398	- 8%	2%	< 1%	-0-	98	+100%	--	< 1%	-0-	-0-	--	--	--
Small Trawl	35,476	27,869	- 21%	7%	< 1%	-0-	-0-	--	--	-0-	-0-	--	--	--	
Factory	2,268	1,701	- 25%	9%	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Other	448	336	- 25%	--	2%	-0-	-0-	--	--	-0-	-0-	--	--	--	
Total	52,703	43,304	- 18%	6%	< 1%	-0-	-0-	--	--	-0-	-0-	--	--	--	
ALEUTIAN ISLANDS															
Large Trawl	1,939	4,242	+120%	< 1%	< 1%	-0-	-0-	--	--	-0-	-0-	--	--	--	
Small Trawl	21	126	+500%	--	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Factory	-0-	-0-	--	--	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Other	91	294	+223%	--	7%	-0-	-0-	--	--	-0-	-0-	--	--	--	
Total	2,051	4,662	+127%	< 1%	1%	-0-	-0-	--	--	-0-	-0-	--	--	--	
GULF OF ALASKA															
Large Trawl	4,760	7,791	+ 64%	3%	5%	-0-	14	+100%	--	< 1%	7	98	+1,300%	< 1%	< 1%
Small Trawl	2,527	77	- 97%	--	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Factory	98	-0-	-100%	--	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Other	4,053	3,542	- 13%	19%	16%	-0-	63	+100%	--	2%	-0-	-0-	--	--	
Total	11,438	11,410	- 1%	8%	8%	-0-	-0-	--	--	7	98	+1,300%	< 1%	< 1%	
TOTALS - ALL AREAS COMBINED															
Large Trawlers	21,210	25,431	+ 20%	2%	2%	-0-	112	+100%	--	< 1%	7	98	+1,300%	< 1%	< 1%
Small Trawlers	38,024	28,072	- 26%	7%	< 1%	-0-	-0-	--	--	-0-	-0-	--	--	--	
Factory	2,366	1,701	- 28%	9%	--	-0-	-0-	--	--	-0-	-0-	--	--	--	
Other	4,592	4,172	- 9%	16%	14%	-0-	63	+100%	--	2%	-0-	-0-	--	--	
Total	66,192	59,376	- 10%	5%	2%	-0-	175	+100%	--	< 1%	7	98	+1,300%	< 1%	< 1%

LARGE TRAWLERS - ≥1,500 Gross Tons
SMALL TRAWLERS - <1,500 Gross Tons
FACTORY - Non Trawling Processors
OTHER - Fishing Vessels Other Than Trawlers and Processors

Table 4
 JOINT COAST GUARD-NMFS
 ALASKA FISHERIES PATROLS
 1960 - 1975

PATROLS

Calendar Year	Agreements & Laws Enforced	No. of Agents	No. of Ships	Surface Days	Surface Miles	Aerial Hours	Aerial Miles	Total Miles	Sightings of Foreign Vessels	Vessels Apprehended for Violations
1960	4	4	1	40	7,918	157	22,000	29,918	--	--
1961	4	4	1	75	15,144	143	20,000	35,144	--	--
1962	4	4	4	223	45,399	144	20,175	65,574	--	--
1963	4	6	6	220	45,274	668	193,274 ^{1/}	238,548	1,087	--
1964	7	7	5	245	48,915	1,040	145,116	194,031	3,105	--
1965	8	7	6	296	54,015	1,428	200,000	254,015	5,785	1
1966	9	7	6	306	59,108	1,345	190,300	249,408	3,638	1
1967	11	8	6	327	81,729	1,373	207,000 ^{2/}	288,729	3,859	5
1968	11	7	10	416	82,264	1,107	156,000 ^{2/}	238,264	4,158	--
1969	11	7	13	332	67,227	841	147,000	214,227	2,764	5
1970	12	8	11	380	69,011	1,135	190,000	259,011	4,300	7
1971	12	10	13	488	89,421	1,375	236,239	325,660	5,125	4
1972	13	10	16	493	96,681	1,815	261,731	358,412	5,865	8
1973	13	9	15	529	113,945	1,974	335,186	449,131	5,473	6
1974	13	15	9	593	114,317	2,472	406,377	520,694	6,211	7
1975	13	14	14	742	142,747	2,162	356,916	499,663	5,450	5

^{1/} 94,274 miles in 668 hours by Annette and Kodiak Air Stations. 99,000 miles by rotational C-130's from other Coast Guard Districts.

^{2/} Patrols by Annette and Kodiak Air Stations augmented by rotational C-130's from other Coast Guard Districts.

Table 5. - SUMMARY OF U.S. COAST GUARD SURFACE PATROLS - 1975

Name	U.S. PATROLS VESSELS		NUMBER OF SIGHTINGS OF FOREIGN VESSELS						Total Sightings
	Days Patrolled	Miles Patrolled	Japanese	Soviet	South Korean	Canadian	Taiwan		
CONFIDENCE	113	23,022	314	85	8	2	1	410	
STORIS	117	19,499	197	158	3	--	1	359	
BOUTWELL	89	16,127	226	170	17	2	--	415	
JARVIS	38	8,570	61	40	--	--	--	101	
MELLON	73	15,251	191	110	4	4	--	309	
MIDGETT	91	16,072	213	70	2	3	--	288	
MUNRO	65	14,084	62	132	1	--	1	196	
RUSH	17	5,647	91	18	3	1	--	113	
RESOLUTE	43	9,156	161	11	1	11	--	184	
VENTUROUS	39	6,069	36	22	3	--	1	62	
CAMPBELL	57	9,250	37	51	3	--	--	91	
TOTALS	742	142,747	1,589	867	45	23	4	2,528	

Table 6. - SUMMARY OF U.S. COAST GUARD AERIAL FISHERIES PATROLS, 1975

	NUMBER OF PATROLS	HOURS FLOWN	MILES PATROLLED	NUMBER OF FOREIGN SHIPS SIGHTED					TOTAL SIGHTINGS
				<u>Japan</u>	<u>Soviet</u>	<u>South Korean</u>	<u>Canada</u>	<u>Taiwan</u>	
Kodiak Air Station	228	1,615	313,886	1,419	941	47	57	8	2,472
Annette Air Station	200	547	43,030	339	1	75	33	2	450
TOTALS	428	2,162	356,916	1,758	942	122	90	10	2,922

Table 7.

INTERNATIONAL FISHERIES AGREEMENTS AND
UNITED STATES LAWS ENFORCED BY
U.S. FISHERIES PATROLS - 1975

	<u>Originated</u>	<u>Extended</u>	<u>Expires</u>
Fur Sea Convention (Act - 16 USC 1151-1187)	1911	1969	Oct. 1976
Halibut Convention (Act - 16 USC 772-772j)	1924	1953	2 yrs. notice
Whaling Convention (Act - 16 USC 916-916 1)	1937	1946	within any year
Black Bass Act (16 USC 851-856)	1947		
INPFC (Act - 16 USC 1021-1032)	1953		1 yr. notice
Japanese Crab Agreement	Nov. 1964	Dec. 1974	Dec. 1976
Soviet Kodiak Area Agreement	Dec. 1964	Incorporated into July 1975 CFZ Agreement	
Soviet Crab Agreement	Feb. 1965	July 1975	Dec. 1976
Contiguous Fisheries Zone: P.L. 89-658 (16 USC 1091-1094)	Oct. 1966		
Japanese CFZ Agreement	May 1967	Dec. 1974	Dec. 1976
Soviet CFZ Agreement	Feb. 1967	July 1975	Dec. 1976
Canadian CFZ Agreement	April 1970	May 1975	April 1976
South Korean Fisheries Agreement	Nov. 1972		Nov. 1977
Polish Fisheries Agreement	May 1975	Dec. 1975	Jan. 1977

Table. 8

BOARDINGS OF FOREIGN FISHING VESSELS, 1975

JAPANESE

Ship	Location	Date	Remarks
<u>Japanese Longliner</u> <u>Ryuhō Maru No. 17</u>	Gulf of Alaska Sitka	1/18	
<u>Japanese Stern Trawler</u> <u>Takachiho Maru</u>	Gulf of Alaska 55-56N 135-22W	1/24	
<u>Japanese Longliner</u> <u>Tenyo Maru No. 37</u>	Gulf of Alaska 56-08N 135-25W	1/24	
<u>Japanese Stern Trawler</u> <u>Akebono Maru No. 52</u>	Gulf of Alaska 55-57N 135-24W	1/25	
<u>Japanese Stern Trawler</u> <u>Akebono Maru No. 31</u>	Gulf of Alaska 56-06N 135-28W	1/29	
<u>Japanese Longliner</u> <u>Matsuei Maru No. 88</u>	Gulf of Alaska Sitka	2/1	
<u>Japanese Patrol Ship</u> <u>Konan Maru No. 16</u>	Bering Sea 56-03N 169-54W	2/9	
<u>Japanese Refrigerated</u> <u>Transport Yoho Maru</u>	Bering Sea 56-05N 168-20W	2/10	
<u>Japanese Stern Trawler</u> <u>Akebono Maru No. 51</u>	Gulf of Alaska 59-53N 144-44W	2/24	
<u>Japanese Patrol Ship</u> <u>Konan Maru No. 16</u>	Aleutian Islands 53-54N 166-38W	3/1	
<u>Japanese Cargo Ship</u> <u>Dairyo Maru</u>	Bering Sea 56-22N 169-40W	3/14	
<u>Japanese Factory Ship</u> <u>Soyo Maru</u>	Bering Sea 60-02N 178-54W	3/15	
<u>Japanese Stern Trawler</u> <u>Ryuyo Maru No. 2</u>	Bering Sea 58-29N 177-10W	3/16	
<u>Japanese Longliner</u> <u>Koyo Maru No. 55</u>	Gulf of Alaska Sitka	3/16	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Stern Trawler <u>Tsuda Maru</u>	Bering Sea 56-50N 173-02W	3/17	
Japanese Factory Ship <u>Koyo Maru</u>	Bering Sea 55-33N 164-18W	3/19	
Japanese Longliner <u>Eikyu Maru No. 33</u>	Aleutian Islands	4/4	Vessel seized for violation
Japanese Longliner <u>Eikyu Maru No. 33</u>	Gulf of Alaska Kodiak	4/10	
Japanese Longliner <u>Tomi Maru No. 88</u>	Gulf of Alaska 56-56N 151-39W	4/12	
Japanese Stern Trawler <u>Tomi Maru No. 85</u>	Gulf of Alaska 59-35N 142-33W	4/15	
Japanese Longliner <u>Fukuyoshi Maru No. 85</u>	Gulf of Alaska 56-49N 135-19W	4/17	
Japanese Longliner <u>Ryusho Maru No. 18</u>	Gulf of Alaska 55-40N 135-18W	4/17	
Japanese Stern Trawler <u>Aso Maru</u>	Gulf of Alaska 55-53N 135-21W	4/17	
Japanese Factory Ship <u>Koyo Maru</u>	Bering Sea 56-30N 170-18W	4/21	
Japanese Longliner <u>Shintoku Maru No. 25</u>	Gulf of Alaska 55-54N 153-58W	4/22	
Japanese Longliner <u>Sumiyoshi Maru No. 53</u>	Gulf of Alaska 55-54N 153-50W	4/22	
Japanese Stern Trawler <u>Takachiho Maru</u>	Gulf of Alaska 55-05N 134-10W	4/29	
Japanese Factory Ship <u>Mineshima Maru</u>	Bering Sea 56-34N 168-09W	5/3	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Factory Ship <u>Shikishima Maru</u>	Bering Sea 56-13N 167-35W	5/5	
Japanese Herring Gill- netter <u>Ebisu Maru No. 88</u>	Bering Sea 58-18N 162-15W	5/20	
Japanese Herring Gill- netter <u>Ryuhō Maru No. 17</u>	Bering Sea 59-40N 167-09W	5/28	
Japanese Herring Gill- netter <u>Anyo Maru No. 21</u>	Bering Sea 59-31N 166-40W	5/28	
Japanese Herring Gill- netter <u>Eikyu Maru No. 81</u>	Bering Sea 59-33N 167-06W	5/29	
Japanese Herring Gill- netter <u>Tenyu Maru No. 37</u>	Bering Sea 59-33N 166-39W	5/29	
Japanese Stern Trawler <u>Jikyu Maru No. 18</u>	Aleutian Islands 52-53N 170-30W	5/30	
Japanese Stern Trawler <u>Shotoku Maru No. 36</u>	Aleutian Islands 52-52N 170-46W	5/30	
Japanese Longliner <u>Fukuyoshi Maru No. 85</u>	Gulf of Alaska 56-37N 135-58W	6/3	
Japanese Stern Trawler <u>Jikyu Maru No. 17</u>	Aleutian Islands 51-37N 177-38E	6/6	Vessel seized for violation
Japanese Stern Trawler <u>Fukuyoshi Maru No. 38</u>	Gulf of Alaska 59-34N 143-12W	6/7	
Japanese Longliner <u>Shinko Maru No. 3</u>	Gulf of Alaska 54-02N 162-40W	6/13	
Japanese Stern Trawler <u>Yoshi Maru No. 55</u>	Aleutian Islands 52-27N 173-07W	6/14	
Japanese Stern Trawler <u>Isihikari Maru</u>	Gulf of Alaska 59-36N 143-40W	6/22	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Stern Trawler <u>Aso Maru</u>	Gulf of Alaska 59-34N 143-34W	6/22	
Japanese Stern Trawler <u>Koyo Maru No. 21</u>	Gulf of Alaska 59-33N 143-36W	6/22	
Japanese Stern Trawler <u>Tomii Maru No. 85</u>	Gulf of Alaska 59-29N 143-11W	6/22	
Japanese Factory Ship <u>Nojima Maru</u>	Aleutian Islands 51-11N 176-31W	6/22	
Japanese Patrol Ship <u>Konan Maru No. 20</u>	Aleutian Islands 51-21N 175-24W	6/24	
Japanese Longliner <u>Tenyo Maru No. 25</u>	Gulf of Alaska 56-37N 135-54W	6/24	
Japanese Longliner <u>Kiyo Maru No. 55</u>	Gulf of Alaska 56-03N 135-30W	6/24	
Japanese Longliner <u>Anyo Maru No. 21</u>	Gulf of Alaska 55-49N 135-19W	6/24	
Japanese Factory Ship <u>Miyajima Maru</u>	Aleutian Islands 50-36N 178-55W	6/25	
Japanese Longliner <u>Matsuei Maru No. 88</u>	Gulf of Alaska 56-45N 135-58W	6/26	
Japanese Stern Trawler <u>Fukuyoshi Maru No. 38</u>	Gulf of Alaska 59-36N 143-18W	6/28	
Japanese Stern Trawler <u>Akebono Maru No. 51</u>	Gulf of Alaska 59-30N 142-33W	6/28	
Japanese Patrol Ship <u>Konan Maru No. 16</u>	Bering Sea 57-54N 173-40W	6/29	
Japanese Factory Ship <u>Nisshin Maru No. 2</u>	Bering Sea 58-45N 173-45W	6/30	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Factory Ship <u>Soyo Maru</u>	Bering Sea 58-57N 176-25W	7/1	
Japanese Factory Ship <u>Shinano Maru</u>	Aleutian Islands 53-28N 177-00W	7/10	
Japanese Stern Trawler <u>Tomi Maru No. 85</u>	Gulf of Alaska Seward	7/14	
Japanese Independent Crab Pot Vessel <u>Mito Maru No. 52</u>	Bering Sea 60-26N 178-26W	7/17	
Japanese Longliner <u>Choyo Maru No. 81</u>	Gulf of Alaska 57-49N 149-33W	7/18	
Japanese Factory Ship <u>Hoyo Maru</u>	Bering Sea 57-57N 173-19W	7/18	
Japanese Stern Trawler <u>Shinsei Maru No. 7</u>	Gulf of Alaska 55-22N 155-52W	7/19	
Japanese Factory Ship <u>Mineshima Maru</u>	Bering Sea 57-40N 173-17W	7/19	
Japanese Research Vessel <u>Wakatake Maru</u>	Bering Sea 57-16N 163-24W	7/23	
Japanese Stern Trawler <u>Daishin Maru No. 12</u>	Gulf of Alaska 55-12N 156-41W	7/25	
Japanese Factory Ship <u>Soyo Maru</u>	Bering Sea 54-48N 165-29W	7/28	
Japanese Factory Ship <u>Mineshima Maru</u>	Bering Sea 56-45N 173-04W	7/30	
Japanese Independent Crab Pot Vessel <u>Mito Maru No. 38</u>	Bering Sea 58-30N 175-24W	7/30	
Japanese Stern Trawler <u>Takachiho Maru</u>	Gulf of Alaska 56-05N 135-28W	8/4	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Longliner <u>Kiyo Maru No. 55</u>	Gulf of Alaska 56-44N 136-00W	8/6	
Japanese Factory Ship <u>Shikishima Maru</u>	Bering Sea 59-23N 175-00W	8/8	
Japanese Stern Trawler <u>Tenyo Maru No. 2</u>	Bering Sea 54-50N 165-24W	8/12	
Japanese Factory Ship <u>Nisshin Maru</u>	Bering Sea 55-48N 165-51W	8/14	
Japanese Stern Trawler <u>Tenyo Maru No. 35</u>	Bering Sea 55-53N 168-19W	8/15	
Japanese Longliner <u>Mito Maru No. 82</u>	Aleutian Islands 53-28N 165-46W	8/19	
Japanese Stern Trawler <u>Tenyo Maru</u>	Bering Sea 54-47N 165-59W	8/20	
Japanese Stern Trawler <u>Choyo Maru No. 81</u>	Aleutian Islands Adak	8/28	
Japanese Longliner <u>Fukuyoshi Maru No. 75</u>	Gulf of Alaska Sitka	9/2	
Japanese Danish Seiner <u>Akatsuki Maru</u>	Bering Sea 54-37N 165-30W	9/12	
Japanese Longliner <u>Hatsue Maru No. 55</u>	Gulf of Alaska 59-12N 147-00W	9/13	
Japanese Stern Trawler <u>Fukuyoshi Maru No. 38</u>	Gulf of Alaska 57-48N 137-01W	9/15	
Japanese Longliner <u>Shintoku Maru No. 25</u>	Gulf of Alaska Seward	10/2	
Japanese Factory Ship <u>Nisshin Maru No. 2</u>	Bering Sea 54-54N 167-08W	10/9	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

JAPANESE (cont'd)

Ship	Location	Date	Remarks
Japanese Factory Ship <u>Kashima Maru</u>	Bering Sea 56-29N 166-30W	10/13	
Japanese Longliner <u>Keikyu Maru No. 82</u>	Aleutian Islands 52-00N 172-00W	10/16	
Japanese Longliner <u>Eikyu Maru No. 82</u>	Aleutian Islands 52-00N 171-50W	10/16	
Japanese Factory Ship <u>Soyo Maru</u>	Gulf of Alaska 54-44N 165-51W	10/18	
Japanese Longliner <u>Sumiyoshi Maru No. 53</u>	Gulf of Alaska 57-35N 150-13W	10/28	
Japanese Longliner <u>Ryusho Maru No. 18</u>	Gulf of Alaska Sitka	11/2	
Japanese Stern Trawler <u>Eikyu Maru No. 35</u>	Bering Sea 55-09N 172-19W	11/4	Law Enforcement Seizure
Japanese Stern Trawler <u>Tomi Maru No. 85</u>	Gulf of Alaska 53-37N 140-40W	11/14	
Japanese Stern Trawler <u>Koyo Maru No. 2</u>	Gulf of Alaska 55-26N 134-55W	11/17	
Japanese Stern Trawler <u>Tenyo Maru No. 3</u>	Aleutian Islands 53-20N 168-32W	11/22	
Japanese Stern Trawler <u>Zuiyo Maru No. 3</u>	Bering Sea 58-35N 175-01W	12/8	
<u>SOUTH KOREAN</u>			
South Korean Longliner <u>Dong Won No. 91</u>	Gulf of Alaska Sitka	1/16	
South Korean Longliner <u>Dong Won No. 91</u>	Gulf of Alaska 56-07N 135-31W	1/29	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

SOUTH KOREAN (cont'd)

Ship	Location	Date	Remarks
<u>South Korean Longliner Dong Won No. 31</u>	Gulf of Alaska 55-14N 134-28W	2/10	
<u>South Korean Longliner Odae Yang No. 212</u>	Gulf of Alaska 55-18N 134-50W	3/16	
<u>South Korean Longliner Dong Won No. 31</u>	Gulf of Alaska 55-38N 156-07W	4/15	
<u>South Korean Longliner Sam Hae No. 11</u>	Gulf of Alaska 54-29N 159-16W	4/16	
<u>South Korean Longliner Sam Hae No. 11</u>	Gulf of Alaska 57-23N 136-24W	4/28	
<u>South Korean Stern Trawler Shin An Ho</u>	Aleutian Islands 54-21N 166-13W	5/1	
<u>South Korean Longliner Dong Won No. 31</u>	Gulf of Alaska 57-20N 151-06W	7/18	
<u>South Korean Stern Trawler Hwa Rang</u>	Aleutian Islands 53-15N 166-54W	7/27	
<u>South Korean Longliner Sam Hae No. 11</u>	Gulf of Alaska 57-13N 136-21W	8/4	
<u>South Korean Longliner Dong Won No. 709</u>	Gulf of Alaska 57-22N 136-23W	8/7	
<u>South Korean Stern Trawler Kum Kang San</u>	Gulf of Alaska 53-57N 162-03W	8/8	CFZ Seizure
<u>South Korean Stern Trawler Seol Ag San</u>	Aleutian Islands 53-39N 165-07W	8/19	
<u>South Korean Longliner Dong Won No. 31</u>	Gulf of Alaska 57-52N 137-04W	9/17	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

SOVIET

Ship	Location	Date	Remarks
Soviet BMRT <u>Ozyorniye Klyuchi</u>	Gulf of Alaska 54-34N 163-02W	5/12	
Soviet SRTM <u>Schastye</u>	Bering Sea 55-20N 168-05W	5/14	
Soviet SRTM <u>Uala</u>	Aleutian Islands 54-23N 166-50W	5/15	
Soviet BMRT <u>Mys Orekhova</u>	Gulf of Alaska 54-40N 158-03W	5/17	
Soviet SSSR <u>Pyatidesyatiletiiye</u>	Bering Sea 58-32N 174-16W	5/24	
Soviet SRTM <u>Armatorschik</u>	Aleutian Islands 54-23N 167-28W	5/30	
Soviet SRTM <u>Optomist</u>	Aleutian Islands 54-33N 165-50W	7/12	
Soviet SRTM <u>Dzhigit</u>	Aleutian Islands 54-12N 166-23W	8/5	
Soviet SRTM <u>Svobodiy</u>	Aleutian Islands 54-25N 166-01W	8/11	
Soviet SRTM <u>Armatorschik</u>	Aleutian Islands 54-29N 165-58W	8/11	
Soviet BMRT <u>Ansimovka</u>	Gulf of Alaska 54-20N 160-20W	8/15	
Soviet BMRT <u>Askold</u>	Gulf of Alaska 54-19N 160-47W	8/25	
Soviet BMRT <u>Seroglazka</u>	Aleutian Islands 52-34N 179-39W	9/5	
Soviet BMRT <u>Kalitva</u>	Aleutian Islands 54-54N 167-01W	9/13	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

SOVIET (cont'd)

Ship	Location	Date	Remarks
Soviet RRT <u>Lokator</u>	Aleutian Islands 52-05N 171-54W	10/16	
Soviet BMRT <u>Kalitva</u>	Bering Sea 55-00N 167-38W	11/11	
Soviet BMRT <u>Okhotskoye More</u>	Gulf of Alaska 59-58N 144-37W	11/20	
Soviet BMRT <u>Kushka</u>	Gulf of Alaska 59-58N 144-37W	11/20	
Soviet SRTK <u>Moreplavatel</u>	Aleutian Islands 52-21N 173-21W	11/21	
Soviet BMRT <u>Belkino</u>	Gulf of Alaska 56-45N 152-18W	11/25	
Soviet BMRT <u>Ivan-Chernopyatko</u>	Gulf of Alaska 56-52N 152-18W	11/26	
Soviet BMRT <u>Ivan-Chernopyatko</u>	Gulf of Alaska 56-50N 151-35W	12/12	
<u>TAIWANESE</u>			
Taiwanese Stern Trawler <u>Tai Chang No. 1</u>	Bering Sea 55-15N 168-63W	5/1	
Taiwanese Stern Trawler <u>Tai Chang No. 1</u>	Bering Sea 56-24N 162-42W	7/16	
Taiwanese Stern Trawler <u>Tai Chang No. 1</u>	Bering Sea 56-06N 163-10W	7/17	
Taiwanese Stern Trawler <u>Tai Chang No. 1</u>	Bering Sea 56-42N 162-24W	7/18	
Taiwanese Gill-netter <u>Tai Chang No. 1</u>	Bering Sea 56-24N 162-28W	7/19	

BOARDINGS OF FOREIGN FISHING VESSELS, 1975 (cont'd)

TAIWANESE (cont'd)

Ship	Location	Date	Remarks
<u>Taiwanese Gill-netter Tai Chang No. 1</u>	Bering Sea 56-44N 162-19W	7/20	
<u>Taiwanese Gill-netter Tai Chang No. 1</u>	Bering Sea 56-35N 161-32W	7/24	
<u>Taiwanese Longliner Tong Hong No. 3</u>	Gulf of Alaska 56-59.3N 136-03W	9/9	CFZ Violation Seizure
<u>Taiwanese Longliner Tong Hong No. 3</u>	Sitka	9/11	CFZ Violation Seizure
<u>Taiwanese Longliner Tong Hong No. 3</u>	Sitka	9/18	
<u>Taiwanese Longliner Tong Hong No. 3</u>	Gulf of Alaska 55-45N 135-03W	11/16	

POLISH

<u>Polish Stern Trawler Crater</u>	Gulf of Alaska 56-48N 152-23W	1/17	
<u>Polish Stern Trawler Denebola</u>	Gulf of Alaska 56-59N 152-38W	1/22	
<u>Polish Stern Trawler Denebola</u>	Gulf of Alaska 56-38N 152-22W	2/1	

CANADIAN

<u>Canadian Longliner Caress II</u>	Gulf of Alaska 59-32N 142-34W	6/7	
<u>Canadian Halibut Vessel War Nipper</u>	Port Alexander	6/18	
<u>Canadian Troller Heydad</u>	Gulf of Alaska 59-34N 140-15W	6/27	

Table 9.

VIOLATIONS OF U.S. TERRITORIAL WATERS, 1975

Date	Nationality	Vessel	Locations	Remarks
April 3	Japanese	Longliner <u>Eikyu Maru No. 33</u>	1.7 miles off Great Sitkin Island, central Aleutians, 52-06.2N 176-13W	Coast Guard aircraft with NMFS Agent found vessel and longline gear in position shown. Vessel seized. Master fined \$8,000. Vessel and catch forfeited to U. S. Government in settlement of civil charges.
June 5	Japanese	Stern trawler <u>Jikyu Maru No. 17</u>	2.5 miles off Khvostof Island, western Aleutians, 51-58N 178-13E	Coast Guard aircraft with NMFS Agent sighted subject vessel fishing in position shown. Vessel ignored instructions to stop and fled from Territorial waters. Vessel was seized approximately 20 hours after violation had occurred, while "hot pursuit" was maintained by two Coast Guard aircraft. Master fined \$10,000 and settlement of \$440,000 was reached in civil suit against the vessel.

Table 10.

VIOLATIONS OF THE U.S. CONTIGUOUS FISHERY ZONE, 1975

Date	Nationality	Vessel	Location	Remarks
Aug. 7	South Korean	Stern trawler <u>Kum Kang San</u>	7.9 miles off Seal Rock, western Gulf of Alaska 54-10N 162-35.1W	Coast Guard aircraft with NMFS Agents sighted subject vessel fishing in position shown. Master fined \$8,000. Settlement of \$407,000 reached in civil suit against the vessel.
Sept. 9	Taiwanese	Longliner <u>Tong Hong No. 3</u>	8.6 miles off Cape Edgumbe. South- east Alaska 56-59N 136-03W	Coast Guard aircraft sighted subject vessel fishing in position shown. Master fined \$8,000. Settlement of \$220,000 was reached in civil suit against the vessel.
Nov. 3	Japanese	Stern trawler <u>Eikyu Maru No. 35</u>	8.5 miles off Amlia Island, central Aleutians 52-18N 173-31W	Coast Guard aircraft with NMFS Agent sighted subject vessel fishing in position shown. Vessel seized. Master fined \$25,000 and settlement of \$575,000 reached in civil suit against the vessel.

Table 11.

VIOLATIONS OF INTERNATIONAL FISHERIES AGREEMENTS, 1975

Vessel	Nationality	Type	Violation	Date	Remarks
<u>Longliner Ellie Jean</u>	United States	IPHC	Possession of halibut without IPHC license.	June 18	NMFS State of Alaska Agents detected violation while on fisheries patrol. Civil settlement of \$100.00 paid to U. S. Government.
<u>Longliner Eureka</u>	United States	IPHC	Possession of halibut without IPHC license.	Aug. 20	NMFS Agent detected violation while vessel was being inspected at Seward, Alaska. Catch forfeited to U. S. Government.
<u>Longliner Escape</u>	United States	IPHC	Possession of undersized halibut.	Sept. 2	NMFS Agent detected violation while vessel was unloading catch at Kodiak, Alaska. Settlement of \$200.00 was paid to U.S. Government.
<u>Longliner Sea Scout</u>	United States	IPHC	Possession of undersized halibut and fishing without IPHC license.	Sept. 2	NMFS Agent detected violation while vessel was unloading catch at Kodiak, Alaska. Settlement of \$250.00 was paid to the U. S. Government.
<u>RTM Meteorit</u>	Soviet	U.S.-U.S.S.R. Pacific Bilateral Fishery Agreement	Trawling in fixed gear area off Kodiak Island, 56-51N 152-21W	Oct. 29	Coast Guard aircraft with NMFS Agent observed vessel trawling in position shown. Vessel was notified of Agreement violation. Case documentation referred to Washington, D.C. for possible protest to the U.S.S.R.

Table 12.

ESTIMATED COMPOSITION AND DISTRIBUTION OF SOVIET FISHING FLEETS BY MONTH, 1975

MONTH	GULF OF ALASKA ^{1/}					BERING SEA ^{2/}					ALEUTIAN ISLANDS ^{3/}					GRAND TOTAL
	Factory Ships	Stern Trawlers	Other Trawlers	Support Ships	TOTAL	Factory Ships	Stern Trawlers	Other Trawlers	Support Ships	TOTAL	Factory Ships	Stern Trawlers	Other Trawlers	Support Ships	TOTAL	
JAN.	0	11	0	3	14	4	11	27	5	47	--	--	10	4	14	75
FEB.	0	16	1	3	20	2	13	25	6	46	--	--	4	--	4	70
MAR.	0	4	1	2	7	3	12	27	4	46	1	5	7	2	15	68
APR.	0	5	--	2	7	3	5	33	7	48	--	5	5	1	11	66
MAY	--	11	--	2	13	3	7	34	6	50	--	2	--	--	2	65
JUNE	--	7	--	1	8	2	9	36	4	51	--	3	3	2	5	64
JULY	--	6	--	3	9	1	5	12	1	19	--	2	6	2	10	38
AUG.	--	5	--	2	7	--	5	10	1	16	--	6	9	1	16	39
SEPT.	--	20	--	3	23	1	4	11	1	17	--	30	--	3	33	73
OCT.	--	13	--	1	14	1	6	5	1	13	--	20	--	4	24	51
NOV.	--	15	--	3	18	1	6	18	2	27	--	11	4	2	17	62
DEC.	--	15	--	2	17	2	4	25	3	34	--	5	2	--	7	58

^{1/} North of Dixon Entrance^{2/} East of International Date Line^{3/} East of 170° East Longitude

Table 13.

 SOVIET CATCH DATA FOR THE ALASKA REGION COMPARING 1974 - 1975
 (Metric Tons)

	1974				1975				Total Soviet 1974	% of Soviet 1975	% of Change 1974-1975
	<u>BSA</u>	<u>ALEU</u>	<u>GOA</u>	<u>TOT</u>	<u>BSA</u>	<u>ALEU</u>	<u>GOA</u>	<u>TOT</u>			
Halibut	123	4	60	187	137	3	50	190	<1%	<1%	no change
Flatfish	38,670	39	2,334	41,043	49,800	37	2,416	52,253	8%	12%	22% incr.
Cod	16,547	45	2,136	18,728	24,043	184	1,484	25,711	3%	6%	28% incr.
Pollock	309,613	21,346	31,000	361,959	209,957	9,874	37,841	257,672	67%	56%	30% decr.
Rockfish	31,877	824	17,194	49,895	26,915	11,877	10,215	49,007	9%	10%	no change
Sablefish	77	14	38	129	NO DATA	BROKEN DOWN		--	<1%	--	--
Herring	19,800	0	0	19,800	18,504	0	0	18,504	4%	4%	10% decr.
Atka	0	1,377	17,531	18,908	462	6,377	19,999	26,838	4%	6%	30% incr.
Shrimp	0	0	1,706	1,706	0	0	0	0	<1%	0%	--
Others	12,770	1,726	7,649	22,145	17,500	257	6,976	24,733	4%	5%	11% incr.
TOTALS	429,477	25,375	79,648	534,500	347,318	28,609	78,981	454,908	--	--	15% decr.
	80%	5%	15%	--	76%	6%	17%	--	--	--	--

Table 14.

ESTIMATED COMPOSITION AND DISTRIBUTION OF JAPAN FISHING FLEETS BY MONTH, 1975

MONTH	GULF OF ALASKA ^{1/}				BERING SEA ^{2/}				ALEUTIAN ISLANDS ^{3/}				GRAND TOTAL				
	Stern Trawlers	Longline Vessels	Support Ships	TOTAL	Factory Ships	Stern Trawlers	Other ^{4/} Trawlers	Salmon Gillnetters	Support Ships	TOTAL	Factory Ships	Stern Trawlers		Longline Vessels	Whale Killers	Salmon Gillnetters	Support Ships
JAN.	11	8	1	20	2	15	10	--	3	30	--	1	--	--	--	--	51
FEB.	10	7	2	19	2	32	17	--	7	58	--	1	2	--	--	--	80
MAR.	8	7	1	16	4	32	27	--	8	71	--	7	2	--	--	--	96
APR.	11	8	1	20	5	35	69	--	11	120	--	5	4	--	--	--	149
MAY	11	8	1	20	6	29	99	--	10	144	--	8	2	--	1	11	175
JUNE	8	7	2	17	11	30	113	132	12	298	6	8	1	--	200	6	221
JULY	8	7	2	17	11	30	106	198	19	364	2	16	1	--	67	1	87
AUG.	8	8	1	17	5	30	102	--	9	146	--	15	2	--	--	1	18
SEPT.	6	12	--	18	5	31	101	--	6	143	--	15	3	--	--	1	19
OCT.	7	6	1	14	3	28	24	--	6	61	--	4	2	--	--	--	81
NOV.	6	6	1	13	2	25	16	--	10	53	--	4	--	--	--	2	72
DEC.	8	6	--	14	2	25	9	--	5	41	--	4	2	--	--	--	61

^{1/} North of Dixon Entrance^{2/} East of International Date Line^{3/} East of 170° East Longitude^{4/} Includes pot and tangle net vessels and longliners

Table 15.

JAPANESE EASTERN BERING SEA CRAB
FISHERIES STATISTICS, 1964-75

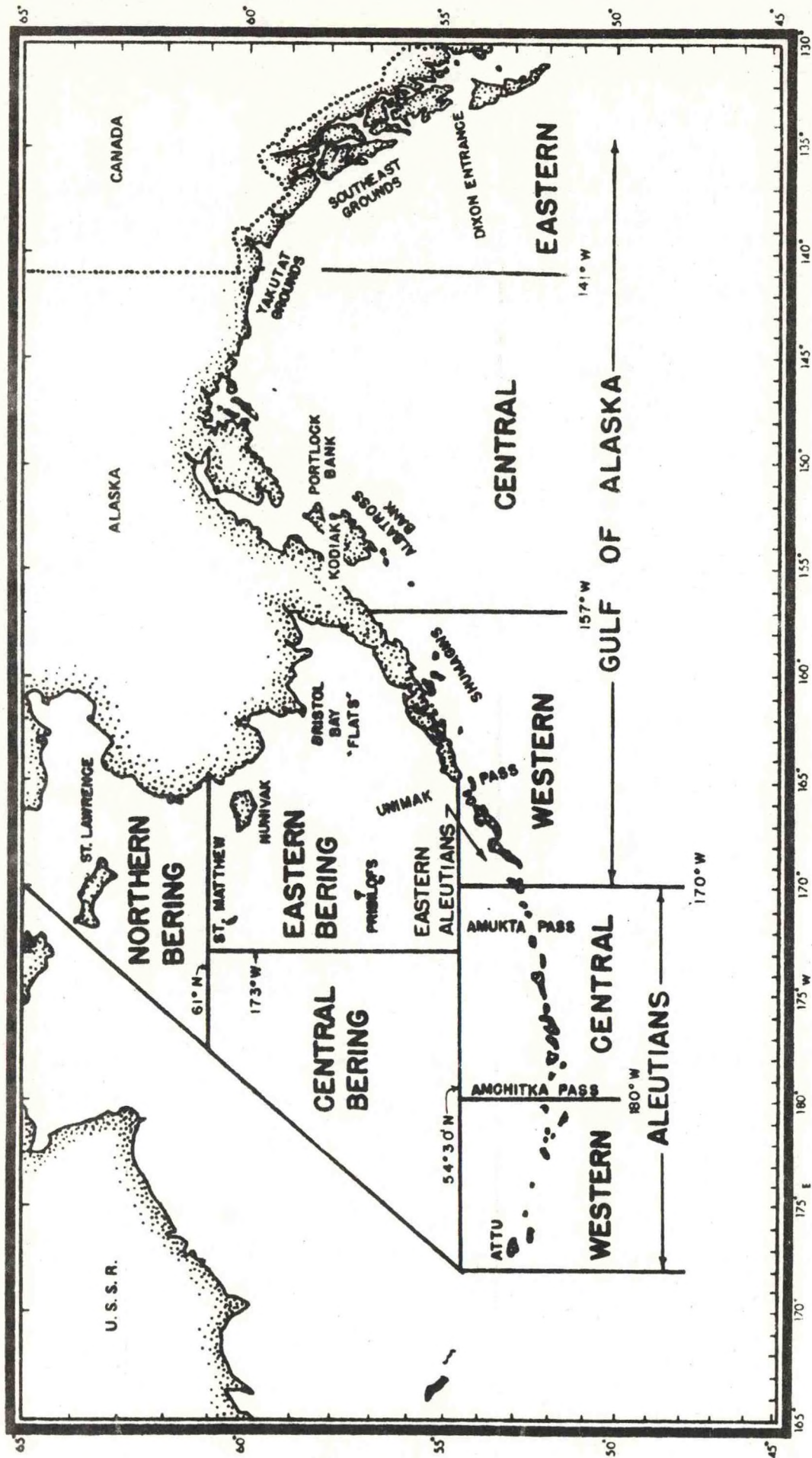
Year	Factory Ships	Picker Boats	Pot/Net Boats	King Crab Catch (Number)	Tanner Crab Catch (Number)
1964	2	17	12	5,895,380	220,000
1965	2	17	10	4,215,860	1,030,000
1966	2	19	10	4,206,260	1,490,000
1967	2	19	10	3,764,200	8,600,000
1968	2	17	16	3,853,300	11,980,000
1969	2	10	30	2,072,920	17,600,000
1970	2	5	40	2,080,390	18,190,000
1971	2	4	36	885,620	15,738,800
1972	2	4	36 ^{1/}	874,210	15,593,090
1973	2	--	30 ^{1/}	228,450	13,942,990
1974	2	--	30 ^{1/}	476,000	13,986,000
1975	2	--	12 ^{2/}	--	9,435,000

^{1/} Fishery limited to pot gear only under terms of U.S.-Japan bilateral agreement of December 20, 1972.

^{2/} There was no king crab fishery in 1975.

XVI. APPENDIX

GENERAL CHART OF AREAS REFERRED TO IN TEXT



APPENDIX 2: GENERAL DESCRIPTION OF
FISH PRODUCTS MADE ABOARD FOREIGN
VESSELS FISHING ALASKA REGION

SPECIES PRODUCTS

NATION	GEAR USED	SNAIL	POLLOCK	FLOUNDER	HERRING	SALMON	TANNER CRAB	SHRIMP	BLACK COD	PACIFIC COD	ROCKFISH	ATKA MACKEREL	WHALE
Japan	Trawl		Surimi Fish meal headed, guttled & frozen frozen whole fish oil	Kurimi Fish meal Fish oil frozen fillets frozen whole headed, guttled & frozen	Frozen whole Meal Frozen roe	Headed, guttled & frozen Frozen roe	Meat canned Legs frozen whole	Meat frozen	Headed, guttled & frozen	Headed, guttled & frozen	Headed, guttled & frozen	Fish meal	
			Same	Same	Same				Same	Same	Same		
	Longline												
	Pot	Meat frozen											
	Gillnet					Frozen fillets							
	Harpoon												Steaks Oil
Soviet Union	Trawl		Headed, guttled & frozen Dorsal fillet Canned livers	Headed, guttled & frozen Frozen whole Fish meal	Frozen whole Fish meal			Meat frozen	Headed, guttled & frozen Fish meal	Headed, guttled & frozen Fish meal	Headed, guttled & frozen Fish meal	Frozen whole Fish meal	

APPENDIX 2: GENERAL DESCRIPTION OF
 FISH PRODUCTS MADE ABOARD FOREIGN
 VESSELS FISHING ALASKA REGION

SPECIES PRODUCTS

NATION	GEAR USED	SNAIL	FOLLOCK	FLOUNDER	HERRING	SALMON	TANNER CRAB	SHRIMP	BLACK COD	PACIFIC COD	ROCKFISH	ATKA MACKEREL	WHALE
Island	Trawl		Headed, gutted & frozen							Headed, gutted & frozen	Headed, gutted & frozen		

LIST OF
SOVIET FISHING AND SUPPORT VESSELS
OPERATING OFF ALASKA IN 1975

	<u>NUMBER</u>	<u>HULL NO.</u>
FACTORY SHIPS		
<u>Fish Factory Ships</u>		
<u>Professor Baranov Class</u> - GRT-13,571 - 14,340, Length-538', Beam-70'		
Sovetskoye Primurye		PP 0008
Tomsk		PP 0005
<u>Spassk Class</u> - GRT-18,000, Length-572', Beam-79'		
Severodonetsk		PP 0870
Okhotskoyemore		PT 3124
<u>Severodvinsk Class</u> - GRT-10,036, Length-510', Beam-66'		
Sovetskaya Sibir		
BASE SHIPS		
Pyatidesyatiletije		PZH 2860
PROCESSING REFRIGERATED SHIPS		
<u>Aktyubinsk Class</u> - GRT-5,217, Length-424', Beam-55'		
Tselinograd		PI 3464
<u>Bratsk Class</u> - GRT-2288, Length-270', Beam-43'		
Kvadrant		PV 0126
<u>Priboy Class</u> - GRT-9660, Length-497', Beam-67'		
Altaiskie Gory		PT 3088
Kamchatskie Gory		PT 3085
Ostrov Karaginskiy		PT 3116
Ostrov Lisyanskogo		PT 3114

PROCESSING REFRIGERATED SHIPS (cont'd)

	<u>NUMBER</u>	<u>HULL NO.</u>
Ostrov Schmidta		PT 3112
Ostrov Shokalskogo		PT 3109
Ostrov Ushakova		PT 3111
Sakhalinskie Gory	TR 3086	PT 3086
<u>Sevastopol Class</u> - GRT-5,527, Length-387', Beam-55'		
Refizherator No. 13		PR 3733
<u>Sibir Class</u> - GRT-6,133, Length-429', Beam-55'		
Khudozhnik S. Gerasimov		PP 3022
Khudozhnik Vrvbel		PT 3025
Sibir		PT 3001
<u>Tavriya Class</u> - GRT-3,230 - 3,556, Length-326', Beam-46'		
Ishim	RR 0042	PR 0041
<u>Yana Class</u> - GRT-3,782, Length-365', Beam-48'		
Indirgirka		TI 0145
Lokator		PA 0826
<u>Miscellaneous Class</u>		
Karskoye More	TR 3117	PT 3117
Rehitsa		PT 0805
Sajanskie Gory		PT 3087

CARGO SHIPS

Donbass Class

Primorsk PKH 0004

Miscellaneous Class

Kansk
Rubezhnoye
Sasha-Kotov PI 4254

PASSENGER SHIPS

NUMBERHULL NO.Mikhailail Uritskiy Class - GRT-4,720-4,871, Length-401', Beam-53'

Turkmeniya

TANKERS

Frunze	PT 3509
Juganski	PI 0173
Narymneft	TN 0434
Okhotskoe More	PT 3124
Sakhalinneft	
Slavgorod	
Solnechnyy	
Yugansk	PI 0173

TUGS

Doker	SI 0132
Ispolnitelnyi	PCH 0246
Kosmonaut Komorov	
Reshitelnyy	PCH 0263

STERN TRAWLERS

BMRT Pushkin Class - GTR-2,581, Length-273', Beam-46'

Mys Krylova SB 0332

BMRT Dalmor Class - GTR-2,851, Length-274', Beam-46'

Poseydon PB 4205

STERN TRAWLERS

NUMBERHULL NO.

BMRT Mayakovskiy Class - GRT-3,170, Length-278', Beam-46'

Akademic Berg		PB 4877
Aleksandr Maksutov	BMRT 0475	TB 0975
Aleksei Makhalin	BMRT 0456	TB 0956
Anismovka		PB 0858
Askold	BMRT 0367	PB 0867
Barabinsk	BMRT 0336	PB 0836
Belkino	BMRT	PB 0857
Boris Gorinskii	BMRT 0450	TB 0950
Danko	BMRT 0461	PB 0961
Fyodor Kraynev	BMRT 0449	SB 0949
Galifan Batarshin	BMRT 0454	PB 0954
Ikhtiolog	BMRT 0279	TB 1279
Itelmen		TB 0899
Ivan Chernopyatko	BMRT 0445	PB 0945
Ivan Panov	BMRT 0423	SB 0923
Ivan Sereda	BMRT 0479	TB 0979
Kalar	BMRT	TB 0268
Kalitva		TB 0269
Kamchatskaya Pravda	BMRT 0485	TB 0985
Kamyshin		TB 0285
Kazakhstan	BMRT 0387	PB 0887
Kazalinsk		TB 0290
Kazatin	BMRT 0291	TB 0291
Khayryuzovo	BMRT 0266	TB 0266
Khingan	BMRT 0354	TB 0853
Kommunist	BMRT 0476	PB 0976
Kommunist Ukrainy	BMRT 0492	PB 1992
Korenga	BMRT 0914	SB 0321
Krechet		
Kuba	BMRT 0385	TB 0885
Kushka	BMRT 0292	TB 0292
Leninets	BMRT 0494	TB 1994
Lesogorsk	BMRT 0483	SB 0983
Lotos	BMRT 0496	PB 0996
Luchegorsk	BMRT 0254	TB 0254
Mark Reshetnikov	BMRT 0455	PB 0955
Matematik	BMRT 0260	TB 0260
Medik	BMRT 0261	KHB 0261
Meteorid	BMRT 0272	PB 0152
Meteorolog	BMRT 0262	KHB 0262
Mgachi	BMRT 0370	SB 0870
Mys Bobrova	BMRT	KHB 0331
Mys Baranova	BMRT 0530	PB 0350
Mys Ermak	BMRT	KHB 0272
Mys Orekhova	BMRT	TB 0357
Mys Voronina	BMRT 0373	0373

STERN TRAWLERS (cont'd)

NUMBERHULL NO.BMRT Mayakovskiy Class (cont'd)

Mys Yudina	BMRT	SB 0358
Mys Prokof Eva	BMRT 0375	SB 0375
Nadeshdinsk		PB 0995
Nikolai Ostrovski	BMRT 0371	TB 0871
Novvy Mir	BMRT	PB 1360
Opala	BMRT 0339	TB 0866
Ozyornii Kluchi	BMRT 0278	PB 0278
Pakhacha	BMRT 0481	TB 0981
Pasionariya	BMRT 0460	SB 0960
Pechenga	BMRT 0363	PB 0863
Petr Ovchinnikov	BMRT 0448	TB 0948
Pogranichnik Strelnikov	BMRT	PB 0287
Poyma	BMRT 0986	PB 0986
Pyotr Ovchinnikov		TB 0948
Revolutsioner	BMRT 0468	PB 0968
Sakhalin	BMRT 0383	SB 0883
Samara	BMRT 0289	SB 0289
Samarga	BMRT 0357	PB 0856
Seroglazka	BMRT 0435	TB 1935
Sibiryak	BMRT 0458	PB 0958
Sovgavan	BMRT 0484	PB 0984
Soyuz 4 *Chetrye*	BMRT 0283	TB 0283
Suifun	BMRT 0358	PB 0857
Svetlaya	BMRT 0480	SB 0980
Tadzhikistan	BMRT 0391	PB 0891
Taman	BMRT 0397	SB 0897
Terney	BMRT 0487	PB 0987
Tiraspol	BMRT	TB 0271
Trudovye Rezervy	BMRT 0440	TB 0940
Turkul	BMRT	SB 0319
Tymlat	BMRT	KHB 0267
Tymovsk	BMRT 0498	SB 0998
Uzbekistan	BMRT 0380	TB 0880
Valentin Kotelnikov	BMRT 0442	SB 0942
Vasiliy Vinevitin	BMRT 0446	SB 0946
Yubilei Oktyabrya	BMRT 0464	PB 0964
Yunost	BMRT 0462	TB 0962
50 Let Vlksm	BMRT 0497	PB 0997

STERN TRAWLERS (Cont'd)

	<u>NUMBER</u>	<u>HULL NO.</u>
<u>RTM Atlantik Class</u> - GRT-2,657, Length-270', Beam-45'		
Agatovyy		PV 0238
Akmolinsk		PV 0180
Amga		PV 0170
Aviator	RTM 7118	PV 7118
Izumrudnyy		PV 7240
Kamyshin		TB 0285
Kazalinsk		TB 0290
Krechet		
Kvadrant		PV 0126
Meteorit	RTM 7152	PV 0152
Nadezhdinsk		PB 0995
Publisist		PV 0219
Zagorskiy		SSH 0815
Zakharova		SSH 0813
Zarchye		SSH 0889
Zubaryevo		SSH 0817
Zubovo		SSH 0887
<u>RTM Tropikl Class</u> - GRT-2,435, Length-262', Beam-43'		
Zhemchuzhnyy		PV 7239
<u>Skryplev Class</u> - GRT-4,699, Length-337', Beam-53'		
Lokator		PA 0826
<u>RT Pioneer Class</u> - GRT-684, Length-190', Beam-32'		
Adler	RT 0218	PG 4059
Ogon	RT 0204	PG 4242
Pelamida		PG 4285
Schastye		
<u>SRTR - Okean</u> - GRT-265-335, Length-125', Beam-24'		
Chudova		SI 0144
Kanopus	SRTR 9163	PI 0307
Kril		PI 4012
Narval		PL 0604
Ochakov	SRTR 9021	SI 0345
Olguya	SRTR 0989	SI 0341
Pushchino		PI 4223
Radovitsy		PT 0801
Roshchino		KHI 1347
Rubezhnoye		PT 0081
Seryshevo		PI 4203

STERN TRAWLERS (cont'd)

	<u>NUMBER</u>	<u>HULL NO.</u>
<u>SRT Medium Trawlers - GRT-265-335, Length-125', Beam-24'</u>		
Donskonsk		PI 0957
Kayum	SRT 4460	TI 0400
Klin		TI 0401
Korosten	SRT 4177	TI 0412
Kroton		TI 0399
Krutdy	SRT 4393	TI 0572

SIDE TRAWLERS

SRTM Mayak Class - GRT-700, Length-178', Beam-31'

Amurskiy Partizan	SRTM	PI 0049
Apparatchik	SRTM	PI 2099
Argali	SRTM 8450	TI 0145
Arlyuk	SRTM	PI 4850
Armaturnshchik	SRTM 8456	PI 2076
Arsk	SRTM	PI 4224
Artyk	SRTM 0849	
Avtogenshchik	SRTM	PI 2098
Blagoveshchensk	SRTM 0656	PI 1052
Bratstvo	SRTM 1300	PI 0002
Brigadir	SRTM	PI 2100
Bylina	SRTM 8485	PI 2090
Chelikhgra	SRTM 8436	PI 0036
Chelkar	SRTM	TI 0164
Cherakassy	SRTM	SI 0141
Cherdyn	SRTM 1054	PI 1054
Cheremkhovo	SRTM	TI 0163
Chigrin	SRTM	TI 0162
Chulym	SRTM	SI 0124
Daliya	SRTM	
Delfin	SRTM 0822	
Dmitry Levin	SRTM 8608	SI 0109
Doblest	SRTM 1302	PI 0006
Dubno	SRTM	PI 1057
Dubrava *Poisk*	SRTM 8486	TI 0148
Dzhigit	SRTM	PI 1048
Gayvoron	SRTM	TI 1625
Gornovoy	SRTM	PI 0005
Karat	SRTM 8437	SI 0128
Kashira	SRTM	PI 1056
Khabarovsk	SRTM	PI 0048
Kosmodrom	SRTM 8468	
Leninskoye	SRTM	SI 0136

SIDE TRAWLERS (cont'd)

NUMBERHULL NO.SRTM Mayak Class (cont'd)

Lunniy	SRTM 8469	PI 1049
Machinist	SRTM 1318	SI 0112
Mayak	SRTM	
Motorist	SRTM 1289	PI 0017
Nakhodka	SRTM 8422	
Olenyok	SRTM	PI 2096
Olga	SRTM	PI 0019
Opolot Mira	SRTM 1306	SI 0114
Ossorka	SRTM	PI 2095
Pavel Butov	SRTM	SI 0115
Pogranichnik Biloushnikov	SRTM	PI 0955
Pogranichnik Denisenko	SRTM 8413	PI 2059
Pogranichnik Gladyshev	SRTM 8407	PI 2057
Pogranichnik Golovin	SRTM 8404	PI 2054
Pogranichnik Kovalev	SRTM 8416	PI 2061
Pogranichnik Mankovskii	SRTM 8403	PI 2053
Pogranichnik Vetrich	SRTM 8412	SI 0116
Raksha	SRTM	PI 1235
Ranhevo	SRTM	
Ravenstvo	SRTM 1279	PI 0023
Raychikhinsk	SRTM	PI 0208
Razdan	SRTM	PI 1232
Razino	SRTM	KHI 1341
Razinosk	SRTM	KHI 1047
Sargassa	SRTM	PI 2336
Schastye	SRTM 1277	PTI 1051
Svoboda	SRTM	PI 0026
Svobodnyy	SRTM	PI 1050
Tamango	SRTM 8476	PI 4031
Tikhirka	SRTM	SI 0123
Tsunami		PI 0085
Uala	SRTM 1292	TI 1156
Uelen	SRTM	PI 0050
Vasyugan	SRTM	SI 0102
Verabelik	SRTM	SI 0103
Verkhoyansk	SRTM	PI 1053
Yakutsk	SRTM	PI 0051
Yaroslavskiy Komsomolets	SRTM	PI 2091
Yubileyniy	SRTM 1288	TI 0151
Zarevo	SRTM 8466	TI 0147

SIDE TRAWLERS (cont'd)

NUMBERHULL NO.SRTM Mayak Class (cont'd)

SRTM 8434	PI 0035
SRTM 8442	PI 0807
SRTM 8455	PI 4043
SRTM 8482	PI 0046
SRTM 8419	PI 2063
SRTM 8415	PI 0960
SRTM 8430	PI 2071
SRTM 8431	PI 0072
SRTM 8426	PI 0067
SRTM 8423	PI 0066
SRTM 8428	PI 2069
SRTM 8484	PI 0089
SRTM 8433	PI 2073
SRTM 8448	PI 0039
	PI 4049
	TI 0147
	SI 1144
	PI 0030
	PI 0034
	PI 0062
	PI 0078
	PI 0084
	PI 0323
	PI 0953
	PI 1047
	PI 1242
	PI 2067
	PI 4040

SRTM Zeleznyi Potok Class - GRT-700, Length-178', Beam-31'

Optomist	SRTM 1297	PI 0020
Ruzhino	SRTM	PI 0059
Zheleznyi Potok	SRTM 1295	PI 0008

NUMBER

HULL NO.

Research Ships

Adler
Okean

Patrol Ships

Entuziast
Flotinspektsiya 1
Flotinspektsiya 5

Miscellaneous

Publitsist (ST, FISH FAC, REF-2154)

PU 0219

UNKNOWN

TCH 0073
OPT 3087

LIST OF
JAPANESE FISHING AND SUPPORT VESSELS
OPERATING OFF ALASKA IN 1975

FACTORY SHIPS	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
<u>Fish</u>		
Chiyo Maru	TK1-232	Salmon
Gyokuei Maru	TK1-333	Groundfish
Hoyo Maru	TK1-331	Groundfish
Jinyo Maru	TK1-293	Salmon
Kashima Maru	TK1-182	Groundfish
Kizan Maru	TK1-432	Salmon
Kyokusei Maru	TK1-802	Salmon
Meisei Maru	TK1-370	Salmon
Meiyo Maru	TK1-381	Salmon
Mineshima Maru	TK1-716	Groundfish
Miyajima Maru	TK1-137	Salmon
Nisshin Maru No. 2	TK1-208	Groundfish
Nojima Maru	TK1-302	Salmon
Ohtsu Maru	TK1-334	Salmon
Shikishima Maru	TK1-648	Groundfish
Shinano Maru	TK1-518	Salmon
Soyo Maru	TK1-330	Groundfish
Yoho Maru	TK1-689	Groundfish
<u>Crab</u>		
Keiko Maru	HK1-157	
Koyo Maru	TK1-163	
 TRAWLERS		
Akashi Maru No. 18	YG1-239	
Akashi Maru No. 51	YG1-241	
Akashi Maru No. 58	YG1-259	
Akashi Maru No. 59	YG1-260	
Akashi Maru No. 63	YG1-266	
Akashi Maru No. 65	YG1-267	
Akashi Maru No. 66	YG1-273	

TRAWLERS (cont'd)	REGISTRY NUMBER	REMARKS
Akashi Maru No. 67	YG1-275	
Akashi Maru No. 68	YG1-280	
Akashi Maru No. 69	YG1-281	
Akashi Maru No. 71	YG1-289	
Akashi Maru No. 72	YG1-290	
Akashi Maru No. 73	YG1-299	
Akashi Maru No. 75	YG1-300	
Akatsuki Maru	HK2-11541	
Akiho Maru	NS1-430	
Aoba Maru	NS1-492	
Choei Maru No. 38	AM1-172	
Daikichi Maru No. 32	MG1-0528	
Ebisu Maru No. 11	HK1-560	
Ebisu Maru No. 21	HK1-383	
Eiyo Maru	F01-283	
Fukuyo Maru	F01-279	
Fuyo Maru	NS1-547	
Hakurei Maru	NS1-534	
Heikyu Maru No. 25	HK1-453	
Hokkai Maru	NS1-435	
Hokko Maru 17	HK1-612	
Hokushin Maru	NS1-537	
Hokuto Maru	NS1-538	
Hoyo Maru	NS1-546	
Junyo Maru	F01-257	
Kaiko Maru No. 8	AM1-163	
Kaiun Maru No. 52	HK1-389	
Kaiun Maru No. 78	HK1-575	
Kakuyo Maru No. 3	NS1-437	
Kakuyo Maru No. 7	NS1-543	
Kakuyo Maru No. 8	NS1-544	
Katori Maru	NS1-485	
Katuki Maru	NS1-486	
Koei Maru No. 15	MG1-0440	
Koyo Maru	F01-278	
Kureha Maru	F01-294	
Mitsu Maru No. 35	AM1-121	
Mitsu Maru No. 50	AM1-158	
Mizuho Maru	NS1-429	
Myoei Maru No. 8	HK2-11976	
Myojin Maru No. 15	MG2-2562	
Otoha Maru	F01-293	
Oyo Maru	NS1-309	
Rakuyo Maru	F01-261	
Ryuyo Maru	NS1-297	
Sankichi Maru No. 5	HK2-11470	
Seiho Maru No. 15	HK1-558	

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
TRAWLERS (cont'd)		
Shoken Maru No. 8	HK2-11902	
Shosei Maru No. 15	HK1-452	
Shotoku Maru No. 35	HK1-0450	
Shunyo Maru	F01-260	
Shuyo Maru	F01-284	
Soho Maru No. 63	AM1-0012	
Soho Maru No. 68	AM1-150	
Tenyo Maru No. 35		
Tenyu Maru No. 11	HK2-11731	
Tenyu Maru No. 18	HK1-454	
Tokuyo Maru No. 31	FS2-2185	
Tomi Maru No. 23	TY2-0925	
Toyoshima Maru	F01-297	
Tsushima Maru	NS1-420	
Wakaba Maru	NS1-493	
Washima Maru	F01-296	
Wayo Maru	F01-256	
Yashima Maru	NS1-419	
Yoshi Maru No. 35	FS2-2186	
Zenpo Maru No. 25	FS2-2246	

STERN TRAWLERS

Akebono Maru No. 11	HK1-196
Akebono Maru No. 12	YG1-297
Akebono Maru No. 15	YG1-298
Akebono Maru No. 16	TK1-635
Akebono Maru No. 17	HK1-206
Akebono Maru No. 18	HK1-207
Akebono Maru No. 21	TK1-644
Akebono Maru No. 22	TK1-688
Akebono Maru No. 27	TK1-907
Akebono Maru No. 28	TK1-916
Akebono Maru No. 31	TK1-908
Akebono Maru No. 32	TK1-917
Akebono Maru No. 51	TK1-399
Akebono Maru No. 52	TK1-429
Akebono Maru No. 72	TK1-496
Anyo Maru No. 20	TK1-809
Aso Maru	F01-0081
Chidori Maru No. 78	MG1-0796
Chikubu Maru	TK1-796

STERN TRAWLERS

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
Chuyo Maru No. 21	HK1-455	
Daian Maru No. 118	HK1-257	
Daiei Maru No. 8	IK1-53	
Daishin Maru No. 12	TK1-466	
Daishin Maru No. 22	TK1-500	
Daishin Maru No. 23	TK1-555	
Ebisu Maru No. 88	HK1-308	
Eikyu Maru No. 2	HK1-513	
Eikyu Maru No. 11	HK1-495	
Eikyu Maru No. 12	HK1-547	
Eikyu Maru No. 35	MG1-751	
Eikyu Maru No. 81	HK1-281	
Eikyu Maru No. 86	HK1-476	
Fuji Maru No. 1	IG1-238	
Fukucho Maru No. 11	MG1-500	
Fukuho Maru No. 18	FS1-235	
Fukui Maru No. 10	FK1-110	
Fukushin Maru No. 5	FS1-233	
Fukuyoshi Maru No. 38	MG1-778	
Gyofuku Maru No. 15	FS1-177	
Gyoun Maru No. 15	HK1-501	
Haruna Maru	F01-220	
Hoken Maru No. 18	HK1-202	
Hokko Maru No. 37	HK1-301	
Hoken Maru No. 38	HK1-440	
Hokkou Maru No. 57	HK1-566	
Hokuto Maru No. 3	HK1-241	
Ishikari Maru	F01-151	
Jikyu Maru No. 18	HK1-590	
Jinkyu Maru No. 17	HK1-573	
Junyo	F01-0257	
Kaiko Maru No. 2	HK1-165	
Kaiko Maru No. 3	HK1-223	
Kaiko Maru No. 5	HK1-493	
Kaiun Maru No. 38	FS1-226	
Kaiyo Maru NO. 7	HK1-557	
Kaki Maru No. 1	F01-0303	
Kakudai Maru No. 25	AT1-15	
Kashima Maru No. 15	MG1-526	
Kazu Maru No. 2	TK1-828	
Kichi Maru No. 55	FS1-225	
Kofuku Maru No. 32	HK1-256	
Kogyo Maru No. 108	HK1-502	
Kohoku Maru No. 11	HK1-443	
Kohoku Maru No. 15	HK1-492	
Kohoku Maru No. 16	HK1-576	
Kohoku Maru No. 17	HK1-592	

STERN TRAWLERS

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
Kongo Maru	F01-221	
Koshin Maru No. 11	MG1-668	
Kotobuki Maru No. 25	MG1-741	
Kotohisa Maru No. 15	HK1-562	
Koyo Maru No. 2	TK1-629	
Koyo Maru No. 3	TK1-829	
Koyo Maru No. 21	TK1-640	
Kumano Maru No. 15	FS1-15	
Kyosho Maru No. 31	MG1-627	
Kyowa Maru No. 11	FS1-206	
Kyowa Maru No. 15	FS1-10	
Kyuei Maru No. 1	AM1-203	
Manryo Maru No. 32	HK1-519	
Minato Maru No. 85		
Mitsu Maru No. 30	AM1-191	
Mutsu Maru No. 52	HK1-184	
Myoei Maru No. 38	AM1-192	
Narita Maru No. 35	AM1-220	
Niitaka Maru	F01-168	
Nitto Maru No. 71	HK1-173	
Ohtori Maru	TK1-759	
Orient Maru No. 2	MG1-463	
Rikuzen Maru	TK1-755	
Ryuhō Maru No. 15	MG1-495	
Ryuhō Maru No. 31	MG1-713	
Ryusho Maru No. 1	MG1-592	
Ryuyo Maru	TK1-546	
Ryuyo Maru No. 3		
Ryuyo Maru No. 2	TK1-837	
Ryuyu Maru No. 5	MG1-353	
Sachi Maru No. 22	MG1-462	
Seiju Maru No. 20	AM1-216	
Seiju Maru No. 28	AM1-231	
Shinei Maru No. 21	FS1-227	
Shinnichi Maru No. 31	TK1-673	
Shinsei Maru No. 7	TK1-866	
Shofuku Maru No. 61	MG1-566	
Shoichi Maru No. 52	MG1-723	
Shoshin Maru No. 18	AM1-226	
Shoshin Maru No. 21	AM1-217	
Shoshin Maru No. 80	AM1-132	
Shotoku Maru No. 35	HK1-544	
Shunyo Maru No. 18	HK1-258	Herring Gillnet
Shizuoka Maru	TK1-814	
Soho Maru No. 83	AM1-127	

STERN TRAWLERS

REGISTRY
NUMBERREMARKS

Syoei Maru No. 2	TK1-743
Taisei Maru No. 3	AM1-168
Taisei Maru No. 16	AM1-211
Taisei Maru No. 51	HK1-183
Taisei Maru No. 56	
Takachiho Maru	F01-90
Teisho Maru No. 18	FS1-228
Tenyo Maru	YG1-370
Tenyo Maru No. 2	YG1-376
Tenyo Maru No. 3	YG1-377
Tenyo Maru No. 5	YG1-390
Tomi Maru No. 52	HK1-572
Tomi Maru No. 53	HK1-585
Tomi Maru No. 81	HK1-350
Tomi Maru No. 82	HK1-432
Tomi Maru No. 85	HK1-485
Tora Maru No. 18	HK1-213
Tsuda Maru	TK1-852
Yahata Maru No. 31	AM1-131
Yahata Maru No. 56	HK1-546
Yamasan Maru No. 81	HK1-486
Yamasan Maru No. 85	HK1-488
Yamato Maru	F01-280
Yawata Maru No. 35	AM1-232
Yoshi Maru No. 55	
Yuryo Maru No. 8	AM1-147
Zenpo Maru No. 21	HK1-179
Zuiho Maru No. 8	TK1-609
Zuiyo Maru	TK1-503
Zuiyo Maru No. 2	TK1-568
Zuiyo Maru No. 3	TK1-685
	AM1-12
	AM1-208
	AM1-210
	AM1-227
	AT1-151
	FS1-72
	HK1-110
	HK1-267
	HK1-317
	YG1-724
	YG1-733

<u>FLEET CRAB POT FISHING VESSELS</u>	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
Benton Maru No. 8	HK2-13627	
Fukuyo Maru No. 8	HK2-11974	
Hokuyo Maru No. 36	HK2-10700	
Kaiun Maru No. 25	HK2-11794	
Keiyo Maru No. 7	HK2-11077	
Keiyo Maru No. 28	HK2-3751	
Kikaku Maru No. 12	FS2-1944	
Kyokko Maru No. 21	AM2-3002	
Mutsu Maru No. 11	CB2-2985	
Nitto Maru No. 71	HK1-173	
Otobe Maru	HK2-11375	
Tenryu Maru	F01-1	
Tomi Maru No. 18	AM2-3000	

INDEPENDENT CRAB VESSELS

Azuma Maru No. 31	KN1-408	
Hakko Maru No. 27	MG1-277	
Mito Maru No. 52	HK1-218	

SNAIL POT VESSELS

Daikichi Maru No. 25	MG1-458	
Mito Maru No. 38	HK1-153	

LONGLINERS

Anyo Maru No. 21	TK1-891	herring gillnet
Choyo Maru No. 81	HK1-503	
Ebisu Maru No. 88	HK1-308	herring gillnet
Eikyu Maru No. 26	HK1-603	
Eikyu Maru No. 33	HK1-287	
Eikyu Maru No. 58	HK1-181	
Eikyu Maru No. 82	HK1-311	
Fukuyoshi Maru No. 75	HK1-254	
Fukuyoshi Maru No. 85	HK1-343	
Hatsue Maru No. 38	HK1-313	herring gillnet
Hatsue Maru No. 55	HK1-456	
Kiyo Maru NO. 55	HK1-539	
Matsuei Maru No. 72	HK1-278	
Matsuei Maru No. 88	HK1-548	herring gillnet
Mito Maru No. 82	HK1-298	herring gillnet

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
LONGLINERS (cont'd)		
Ryuhō Maru No. 17	MG1-547	herring gillnet
Ryushō Maru No. 7	TK1-758	
Ryushō Maru No. 15	TK1-922	
Ryushō Maru No. 18	TK1-925	
Shinko Maru No. 3	HK1-318	herring gillnet
Shintoku Maru No. 25	HK1-461	herring gillnet
Sumiyoshi Maru No. 53	TK1-564	
Taisan Maru No. 1	TK1-825	
Tenyo Maru No. 25	MG1-502	herring gillnet
Tenyo Maru No. 37	MG1-473	herring gillnet
Tomi Maru No. 88	HK1-465	herring gillnet
Tune Maru No. 31	HK1-378	herring gillnet

SALMON GILL-NETTERS

Chiyo Maru Fleet

	TK1-232	
Chidori Maru No. 53	MG2-2810	
Chokyu Maru No. 58	FS2-2332	
Daikichi Maru No. 33	MG2-3107	
Hachiryu Maru No. 28	MG2-2840	
Hakuo Maru No. 15	YM2-625	
Hakuryu Maru No. 52	MG2-3241	
Hokuyu Maru No. 23	HK2-13576	
Kaiyo Maru No. 30	AM2-3768	
Kashima Maru No. 18	MG2-3062	
Kinei Maru No. 88	IT2-2928	
Kinjo Maru No. 58	HK2-13585	
Koei Maru No. 36	MG2-2980	
Kotobuki Maru No. 32	IT2-2848	
Kyoei Maru No. 18	IG2-1941	
Kyokko Maru No. 23	AM2-3277	
Kyosho Maru No. 3	MG2-3127	
Kyotoku Maru No. 8	FS2-2206	
Mutsumi Maru No. 62	HK2-13678	
Myojin Maru No. 11	MG2-3113	
Nitto Maru No. 3	HK2-13530	
Ryokai Maru No. 25	AM2-3806	
Sanyo Maru No. 12	HK2-13903	
Shinei Maru No. 51	MG2-2878	
Shinsei Maru No. 3	MG2-3133	
Shofuku Maru No. 28	MG2-2922	

SALMON GILL-NETTERS (cont'd)

REGISTRY
NUMBER

REMARKS

Chiyo Maru Fleet (cont'd)

Shoichi Maru No. 3	MG2-3012
Shosei Maru No. 12	HK2-11965
Taihei Maru No. 3	MG2-3095
Taisei Maru No. 3	HK2-13887
Tenyu Maru No. 15	HK2-11807
Tomi Maru No. 5	HK2-13687
Yamasan Maru No. 88	HK2-13735
Yamasen Maru No. 51	IG2-2043
Yuei Maru No. 28	FS2-28

Jinyo Maru Fleet

TK1-293

Choei Maru No. 11	HK2-13696
Daikichi Maru No. 18	HK2-11981
Eifuku Maru No. 11	MG2-3150
Habomai Maru No. 15	HK2-11618
Habomai Maru No. 8	HK2-13813
Heian Maru No. 21	HK2-11371
Hoken Maru No. 28	HK2-13704
Ishikari Maru No. 12	HK2-13684
Isshin Maru No. 31	HK2-13884
Kinei Maru No. 53	HK2-13895
Kinpo Maru No. 58	HK2-13951
Kinsho Maru No. 15	HK2-13577
Kintomi Maru No. 35	HK2-13875
Koei Maru No. 2	HK2-11540
Kohoku Maru No. 51	HK2-13653
Komai Maru No. 8	IG2-1763
Koshin Maru No. 38	HK2-13813
Koyo Maru No. 35	HK2-13578
Mito Maru No. 25	HK2-13797
Nichiren Maru	HK2-11256
Niikappu Maru	HK2-13550
Noboribetsu Maru No. 2	HK2-13470
Obayashi Maru No. 8	HK2-13547
Obayashi Maru No. 10	HK2-13940
Sachi Maru No. 18	HK2-13657
Shunyo Maru No. 36	HK2-13657
Tokai Maru No. 65	HK2-13823
Tokichi Maru No. 38	HK2-13894

SALMON GILL-NETTERS (cont'd)

Jinyo Maru Fleet (cont'd)

	REGISTRY NUMBER	REMARKS
Tomi Maru No. 35	HK2-13518	
Toyo Maru No. 10	HK2-13502	
Toyo Maru No. 15	HK2-13788	
Tsuneo Maru No. 53	HK2-13931	
Zenryu Maru No. 35	HK2-11918	
Zuiho Maru No. 10	HK2-13501	

Kizan Maru Fleet

	TK1-432	
Chidori Maru No. 57	MG2-2895	
Choko Maru No. 25	MG2-2943	
Choun Maru No. 11	MG2-3087	
Daikichi Maru No. 27	MG2-3240	
Daikichi Maru No. 28	MG2-3266	
Daitoku Maru No. 38	MG2-3373	
Ebisu Maru No. 58	MG2-3038	
Eikyu Maru No. 38	MG2-3360	
Fukuyoshi Maru NO. 31	MG2-2977	
Gyoei Maru No. 18	MG2-3105	
Hakko Maru No. 28	MG2-3251	
Hosho Maru No. 21	MG2-3382	
Kashima Maru No. 22	MG2-3298	
Koei Maru No. 51	MG2-3153	
Konpira Maru No. 18	MG2-2941	
Kosho Maru No. 8	MG2-3051	
Kotobuki Maru No. 35	MG2-3253	
Koyo Maru No. 11	MG2-3063	
Meisho Maru No. 31	MG2-3097	
Mutsu Maru No. 18	CB2-4060	
Myojin Maru No. 3	MG2-3007	
Myojin Maru No. 23	MG2-3377	
Narita Maru No. 1	MG2-3018	
Ryuhō Maru No. 52	MG2-3352	
Sachi Maru No. 21	MG2-3300	
Seisho Maru No. 27	MG2-2981	
Taikei Maru No. 25	MG2-2690	
Tairyu Maru No. 2	MG2-3058	
Tairyu Maru No. 8	MG2-3217	
Tenyu Maru No. 18	MG2-3291	
Yae Maru No. 8	MG2-3137	
Yae Maru No. 10	MG2-3141	
Yakushi Maru No. 11	AM2-3890	
Yakushi Maru No. 50	MG2-3258	

SALMON GILL-NETTERS (cont'd)

Kyokusei Maru Fleet

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
	TK1-802	
Chokyu Maru No. 38	FS2-2201	
Choyo Maru No. 85	HK2-13885	
Daichu Maru No. 35	HK2-13504	
Eifuku Maru No. 51	FS2-1331	
Hojo Maru No. 8	HK2-13512	
Hosho Maru No. 28	MG2-2900	
Kaiun Maru No. 38	FS2-2212	
Kashima Maru No. 18	MG2-2933	
Keikyu Maru No. 62	HK2-11988	
Kinsei Maru No. 23	HK2-13601	
Kinsei Maru No. 83	HK2-13910	
Kogyo Maru No. 128	HK2-13736	
Koshin Maru No. 28	HK2-13543	
Koun Maru No. 35	FS2-2038	
Koyo Maru No. 28	FS2-2096	
Kumano Maru No. 18	CB2-3168	
Kumano Maru No. 36	CB2-6138	
Kumano Maru No. 72	CB2-12980	
Kyoei Maru No. 18	YM2-715	
Kyosei Maru No. 55	HK2-12000	
Ryushin Maru No. 5	MG2-3223	
Sachi Maru No. 25	HK2-13700	
Sango Maru No. 8	FS2-2286	
Seiki Maru No. 5	FS2-6	
Seisho Maru No. 58	FS2-8	
Seitoku Maru No. 63	HK2-11770	
Shotoku Maru No. 5	HK2-13874	
Taiko Maru No. 28	FS2-2213	
Taki Maru No. 108	IK2-3033	
Takoshima Maru No. 56	IK2-2888	
Takoshima Maru No. 62	IK2-3111	
Tokichi Maru No. 21	HK2-13749	
Yawata Maru No. 88	HK2-13915	

Meisei Maru Fleet

	TK1-370	
Chiyoki Maru No. 105	HK2-13890	
Daikichi Maru No. 12	HK2-11879	
Ebisu Maru No. 5	HK2-13955	
Ebisu Maru No. 21	IT2-2669	
Fukujin Maru No. 7	HK2-13888	
Fukujin Maru No. 11	HK2-13666	

SALMON GILL-NETTERS (cont'd)

Meisei Maru Fleet (cont'd)

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
Hokusen Maru No. 8	HK2-13526	
Hokushin Maru No. 38	HK2-13508	
Inari Maru No. 8	IT2-2595	
Jintoku Maru No. 11	HK2-13880	
Kinei Maru No. 56	IT2-2724	
Kinsei Maru No. 35	IT2-2707	
Kinsei Maru No. 38	IT2-2760	
Kofuku Maru No. 58	HK2-99768	
Konpira Maru No. 35	IT2-2933	
Konsei Maru No. 21	NG2-1213	
Kuromori Maru No. 25	IT2-2753	
Mangyo Maru No. 18	HK2-13953	
Nitto Maru No. 8	HK2-13819	
Oohiko Maru No. 18	HK2-11883	
Oto Maru No. 18	HK2-13509	
Sachio Maru No. 25	HK2-13522	
Sanzen Maru No. 8	HK2-13503	
Seifuku Maru No. 21	IT2-2714	
Shinnichi Maru No. 32	YM2-673	
Shoei Maru No. 51	HK2-13500	
Shorin Maru	HK2-13838	
Takaya Maru No. 28	IT2-3015	
Taki Maru No. 26	IT2-2671	
Tenyu Maru No. 28	IT2-2970	
Tora Maru No. 22	HK2-13671	
Yahiko Maru No. 5	HK2-11903	
Zenei Maru No. 23	HK2-13824	

Meiyo Maru Fleet

	TK1-381	
Aioi Maru No. 18	MG2-3250	
Choju Maru No. 15	MG2-2802	
Chokyu Maru No. 10	FS2-23	
Eifuku Maru No. 28	FS2-7	
Giho Maru No. 32	AT2-859	
Hakucho Maru No. 21	AM2-3632	
Hanasaki Maru No. 52	HK2-13600	
Heikyu Maru No. 21	HK2-11969	
Heiun Maru No. 23	IT2-3014	
Hotoku Maru No. 18	IT2-2638	
Junyo Maru No. 21	NG2-1305	
Kakudai Maru No. 31	AT2-839	
Kashima Maru No. 21	MG2-3128	
Kinei Maru No. 58	FS2-58	
Kinei Maru No. 118	IT2-3005	
Kyokko Maru No. 27	AM2-4280	

REGISTRY
NUMBER

REMARKS

SALMON GILL-NETTERS (cont'd)

Meiyo Maru Fleet (cont'd)

Matsu Maru No. 35	IT2-2868
Mutsumi Maru No. 53	HK2-11989
Naka Maru No. 8	IT2-3303
Ojima Maru No. 18	MG2-3237
Rakyu Maru No. 15	HK2-13703
Ryuhō Maru No. 5	HK2-13816
Sakae Maru No. 3	MG2-3210
Seiki Maru No. 2	FS2-25
Taian Maru No. 78	HK2-11502
Taikoku Maru No. 3	TT2-1077
Taito Maru No. 28	HK2-13898
Tomi Maru No. 12	HK2-13586
Tomi Maru No. 15	HK2-11715
Tomi Maru No. 88	AM2-4198
Ume Maru No. 23	MG2-3088
Yugyo Maru No. 50	MG2-3001

Miyajima Maru Fleet

TK1-137

Akita Maru No. 37	AT2-818
Fukuyoshi Maru No. 28	FS2-2334
Gyokuku Maru No. 18	FS2-18
Gyokichi Maru No. 8	MG2-3186
Hokugyo Maru No. 8	HK2-13900
Jinei Maru No. 12	HK2-13935
Kaiun Maru No. 75	HK2-13950
Katsura Maru No. 31	HK2-13916
Kifuku Maru No. 25	IT2-2664
Kinsei Maru No. 53	IT2-2801
Kofuku Maru No. 80	HK2-13886
Kojin Maru No. 17	MG2-3222
Koyo Maru No. 53	FS2-2145
Matsu Maru No. 35	FS2-2046
Nichiren Maru No. 7	HK2-13847
Nitto Maru No. 7	HK2-13843
Ooei Maru No. 21	KA2-1178
Ryoyo Maru No. 2	HK2-13703
Seisho Maru No. 28	CB2-6188
Shincho Maru No. 18	KA2-1158
Shunei Maru No. 18	KA2-968
Tatsu Maru No. 18	IK2-2716
Tenyu Maru No. 5	FS2-1875
Toyama Maru No. 18	TY2-886

SALMON GILL-NETTERS (cont'd)

Miyajima Maru Fleet (cont'd)

	REGISTRY NUMBER	REMARKS
Toyotomi Maru No. 53	IT2-3043	
Wako Maru	HK2-13798	
Yawata Maru No. 3	IT2-2938	
Yoshi Maru No. 3	FS2-2196	
Yoshi Maru No. 32	FS2-2098	
Yuko Maru No. 18	KA2-1025	
Yusho Maru No. 28	KA2-1128	
Zensei Maru No. 21	IG2-2021	

Nojima Maru Fleet

	TK1-302	
Akita Maru No. 51	AT2-878	
Fukuyoshi Maru No. 38	FS2-2091	
Hokichi Maru No. 58	TY2-953	
Hokko Maru No. 7	HK2-13918	
Ibaragi Maru No.	IG2-1986	
Jinei Maru No. 18	IG2-1950	
Kaiun Maru No. 58	HK2-13901	
Kaiyo Maru No. 18	FS2-234	
Kasuga Maru No. 32	FS2-2142	
Kintoku Maru No. 7	MG2-3242	
Kiya Maru No. 18	IG2-2062	
Kiyo Maru No. 3	NG2-1423	
Koei Maru No. 11	MG2-3231	
Kofuku Maru No. 18	YM2-640	
Kogyo Maru No. 32	TY2-920	
Koun Maru No. 28	FS2-2092	
Koyo Maru No. 85	FS2-2194	
Meiji Maru No. 21	FS2-2143	
Minato Maru No. 8	MG2-3328	
Nakayoshi Maru No. 5	CB2-6178	
Nikko Maru No. 65	FS2-251	
Nitto Maru No. 11	HK2-13924	
Sakae Maru No. 21	FS2-2021	
Shinmei Maru No. 51	MG2-3156	
Shoun Maru No. 20	IT2-2735	
Suwa Maru No. 21	FS2-123	
Taiei Maru No. 18	HK2-13752	
Taitei Maru No. 38	FS2-2373	
Tateyama Maru No. 18	TY2-888	
Tatsumi Maru No. 22	FS2-2200	
Toyama Maru No. 20	TY2-925	
Zuiho Maru No. 38	FS2-2205	

SALMON GILL-NETTERS (cont't)

REGISTRY
NUMBER

REMARKS

Ohtsu Maru Fleet

TK1-334

Benten Maru No. 28	HK2-11068
Benten Maru No. 31	HK2-11372
Choei Maru No. 51	HK2-13621
Choyo Maru No. 51	HK2-11662
Eiyo Maru No. 35	FS2-2102
Fukucho Maru	MG2-3322
Geinichi Maru No. 8	TY2-1092
Gyoei Maru No. 51	MG2-3236
Inaru Maru No. 23	FS2-2203
Kaiun Maru No. 25	FS2-2108
Kashima Maru No. 20	MG2-3047
Keikyu Maru No. 61	HK2-11888
Keiyo Maru No. 8	HK2-13877
Kichi Maru No. 53	FS2-2333
Kinyu Maru No. 12	MG2-3192
Koei Maru No. 52	MG2-3286
Koyo Maru No. 38	FS2-2346
Minato Maru No. 80	AM2-4294
Mito Maru No. 85	HK2-13658
Obayashi Maru No. 25	MG2-3145
Oto Maru No. 58	HK2-13675
Ryuhō Maru No. 35	MG2-3041
Sankichi Maru No. 38	FS2-2210
Seiei Maru No. 28	FS2-2101
Seiho Maru No. 12	HK2-13741
Shoei Maru No. 23	HK2-13506
Shunyo Maru No. 52	HK2-116751
Taito Maru No. 12	MG2-3143
Tenyo Maru No. 21	MG2-2938
Tenyu Maru No. 8	MG2-3326
Toka Maru No. 2	MG2-3176
Tokuei Maru No. 28	HK2-13769
Wakashio Maru No. 52	HK2-13949

Shinano Maru Fleet

TK1-518

Asahi Maru No. 10	FS2-27
Choei Maru No. 7	FS2-1938
Choei Maru No. 52	FS2-2376
Daiichi Maru No. 105	IG2-1860
Eiwa Maru No. 25	TY2-927
Hokushu Maru NO. 25	FS2-2020
Hokushu Maru No. 28	FS2-2128
Kaiko Maru No. 18	AM2-4295

SALMON GILL-NETTERS (cont'd)

Shinano Maru Fleet (cont'd)

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
Kaiyo Maru No. 38	FS2-1930	
Katsu Maru No. 3	CB2-3395	
Kiku Maru No. 11	FS2-1657	
Kiku Maru No. 38	AM2-4301	
Kitcho Maru No. 31	FS2-2014	
Konpira Maru No. 2	FS2-2105	
Kosei Maru No. 2	FS2-1935	
Koshu Maru No. 18	IG2-1860	
Kyoshin Maru	AM2-3900	
Mansei Maru No. 21	IG2-2019	
Monju Maru No. 21	FS2-2215	
Mosei Maru No. 8	CB2-6076	
Obato Maru No. 25	IG2-1907	
Seikyo Maru No. 18	IG2-1908	
Seiun Maru No. 18	AM2-3548	
Shoichi Maru No. 18	FS2-1932	
Shoshin Maru No. 15	AM2-3540	
Taiho Maru No. 35	MG2-3243	
Taijo Maru No. 31	FS2-2336	
Taisei Maru No. 21	FS2-2019	
Taiyo Maru No. 21	FS2-2375	
Teiko Maru No. 28	FS2-1941	
Tohaya Maru No. 36	CB2-6227	
Tokuei Maru No. 32	FS2-32	
Yayoi Maru No. 31	FS2-2016	
Yugyo Maru No. 38	AM2-4402	

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
TRAINING VESSELS		
Oshoro Maru	HK1-100	
RESEARCH VESSELS		
Oshoro Maru	HK1-100	
Shunyo Maru	S01-765	
Wakatake Maru	HK1-400	
PATROL VESSELS		
Fumi Maru No. 17	TK1-253	
Konan Maru No. 16	TK1-206	
Konan Maru No. 20	TK1-218	
CARGO SHIPS - REFRIGERATED AND DRY HOLD		
Abugawa Maru	TK1-784	
Akebono Maru	HK1-0200	
Akebono Maru No. 2	YG1-0367	
Asagawa Maru		
Awashima Maru	OT1-0011	
Chiyoda Maru	TK1-366	
Chiyoda Maru No. 2	TK1-360	
Dairyo Maru	TK1-895	
Daitoku Maru No. 16		
Eiyo Maru	IK1-65	
Fukuju Maru		
Fukuyo Maru	EH1-201	
Hakodate Maru		
Hakubasan Maru	TK1-884	
Harunasan Maru	TK1-884	
Haruna Maru No. 2	TK1-391	
Hayatsuki Maru	TK1-858	
Hiroshima Maru	KN1-478	
Hokko Maru	TK1-396	
Hosei Maru No. 8	CB2-6076	
Hoyo Maru	TK1-639	
Howa Maru		
Kaiko Maru	TK1-872	
Kakogawa Maru	TK1-786	
Kashiwahana Maru	HS1-2	
Kentoku Maru		

	<u>REGISTRY NUMBER</u>	<u>REMARKS</u>
CARGO SHIPS - REFRIGERATED & DRY HOLD (cont'd)		
Kiyo Maru	EK1-32	
Koei Maru	TK1-764	
Koei Maru No. 22	IK1-35	
Koyo Maru	TK1-868	
Koyo Maru No. 23	IK1-32	
Matsukaze Maru	TK1-763	
Mishima Maru		
Miyajima Maru	TK1-137	
Musashino Maru	TK1-676	
Nagisa Maru	TK1-826	
Nanko Maru	TK1-385	
Nichijima Maru No. 5	TK1-765	
Nipponham Maru No. 1	HS1-1	
Ryoyo Maru	TK1-834	
Sachikaze Maru	TK1-695	
Seiko Maru	TK1-418	
Shinyo Maru	TK1-342	
Shuyo Maru	TK1-592	
Soyokaze Maru	TK1-831	
Suzukaze Maru	TK1-723	
Taisei Maru No. 16	ME1-361	
Taisei Maru No. 39	ME1-327	
Taisei Maru No. 41	ME1-372	
Taisei Maru No. 52	ME1-537	
Tamagawa Maru	TK1-787	
Toko Maru	TK1-415	
Tosa Maru	TK1-414	
Wakashio Maru	TK1-366	

TANKERS

Chigusa Maru	TK1-896	
Choyo Maru	TK1-436	
Hakuryu Maru	TK1-520	
Kakuko Maru		
Kakuryo Maru		
Kakuyu Maru	TK1-727	
Kanazuru Maru		
Kikaku Maru No. 2	FS2-1944	
Kyoho Maru	TK1-936	
Ryushin Maru		
Shunyo Maru		
Taisei Maru No. 57	ME1-560	
Tenryo Maru		
Uko Maru		

Appendix 5. - LIST OF SOUTH KOREAN VESSELS IN ALASKA REGION, 1975

<u>NAME</u>	<u>TYPE</u>	<u>HOMEPORT</u>	<u>REMARKS</u>
Choyoda	Cargo Ship		
Shinyo	Cargo Ship		
Seol Agsan	Stern Trawler	Pusan	
Sog Ri San	Stern Trawler	Pusan	
Kyang Yang Ho	Stern Trawler		
Han Jin Ho	Stern Trawler		
Soo Cong	Stern Trawler		
Hwa Rang	Stern Trawler		
Linz He Ho	Stern Trawler		
Kum Kang San	Stern Trawler		
Shin An Ho	Stern Trawler	Pusan	
Soo An San	Stern Trawler		
Kum Kang Ho	Stern Trawler		
Gyung Jun	Danish Seiner	Pusan	
Dong Won No. 31	Longliner	Pusan	
Dong Won No. 33	Longliner		
Dong Won No. 91	Longliner	Pusan	
Dong Won No. 707	Longliner		
Dong Won No. 709	Longliner	Pusan	
Odaeyang No. 212	Longliner		
Odaeyang No. 302	Longliner		
Sam Hae Ho No. 11 (Samhe No. 11)	Longliner		

Appendix 6. - LIST OF TAIWANESE VESSELS IN ALASKA REGION, 1975

TAIWAN

<u>NAME</u>	<u>TYPE</u>	<u>HOME PORT</u>
3 TONG HONG	Longliner	Kaohsiung, Taiwan
TAI CHANG 1	Stern Trawler	Keelung, Taiwan

Appendix 7. - LIST OF POLISH VESSELS IN ALASKA REGION, 1975

POLAND

<u>NAME</u>	<u>TYPE</u>	<u>REGISTRY NO.</u>	<u>HOME PORT</u>
CRATER	Stern Trawler	GDY 0318	Gdynia, Poland
DENEBOLA	Stern Trawler	GDY 0333	Gdynia, Poland
SIRIUS	Stern Trawler	GDY 0334	Gdynia, Poland

XVII. REFERENCES

REFERENCE

- (1) Chitwood, Phillip E.
1969. Japanese, Soviet, and South Korean Fisheries off Alaska, History and Development through 1966. Bureau of Commercial Fisheries, Circular 310, 34 pp.
- (2) International North Pacific Fisheries Commission.
1975. Proceedings of the 23rd Annual Meeting, INPFC.
- (3) Larkins, Herbert, "Polish Catch Statistics for 1975 in Alaska, Northwest Fisheries Center, unpublished document, April 30, 1976
- (4) Larkins, Herbert, "Soviet Catch off the U.S. Pacific Coast for 1974-1975, Office of International Fisheries, National Marine Fisheries Service, Washington, D. C., unpublished document, April 9, 1976
- (5) Pruter, A.T., Soviet Fisheries for Bottomfish and Herring off the Pacific and Bering Sea Coasts of the United States, Marine Fisheries Review, Vol. 38, No. 12, December 1976
- (6) U.S. Department of Commerce.
1976. Environmental Impact Statement/Preliminary Management Plan, King and Tanner Crabs of the Eastern Bering Sea. National Marine Fisheries Service, pp. 12, 14.
- (7) U.S. Department of Commerce.
1976. Environmental Impact Statement/Preliminary Management Plan, Trawl Fishery of the Bering Sea and Aleutian Islands. National Marine Fisheries Service, p.63.
- (8) U.S. Department of Commerce.
1976. Environmental Impact Statement/Preliminary Management Plan, Trawl Fishery of the Gulf of Alaska. National Marine Fisheries Service, p.57.
- (9) U.S. Department of Commerce.
1976. Environmental Impact Statement/Preliminary Management Plan, High Seas Salmon Fisheries of Japan. National Marine Fisheries Service, p. 52.
- (10) 1970-1974. Foreign Fishing Activities, Bering Sea and Gulf of Alaska. National Marine Fisheries Service, Juneau, Alaska (unpublished reports).