



AGENDA ITEM 5 AUG 1978

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Northwest & Alaska Fisheries Center
Resource Ecology & Fisheries Management Division
2725 Montlake Boulevard East
Seattle, WA 98112

DATE : August 16, 1978
TO : H. Larkins, NMFS, NWAFC, REFM, F112
FROM : R. French, NMFS, NWAFC, REFM, F112
SUBJECT: Japanese longline cod fishery west of 157°W in the Gulf of Alaska

Included below are updated data on the incidence of halibut in longline catches when vessels fish in "shallow" waters (less than 500 m) and presumably for Pacific cod. Also shown are data from the vessels when fishing deep waters for sablefish. These data include all information from one observer who has returned, and wire reports from observers still at sea.

Vessel	Period	Area*	Average Depth (m)	Average Incidence	Average Weight of Halibut (kg)
Tsune Maru 31	6/10-7/10	54	650	0	-
		61	625	11.29	0.49
		54	200	6.07	3.80
		61	175	2.67	2.03
Ebisu Maru 88	7/10-8/5	61-62	150	2.13	2.75
		61-64	700	0	-
Fukuyoshi Maru 8	7/12-7/29	61-62	<500	4.70	
	7/23-8/5	51	<500	0.19	
Tenyu Maru 37	7/23-8/5	51	<500	0	

* Areas: 54 - Aleutians
61 - Shumagin
62 - Chirikof
63 - Kodiak
64 - Yakutat

With reference to the above table, the only incidence of halibut when fishing sablefish in deep water (~ 625 m) occurred when 7 small halibut were observed in sampling 0.31 metric tons of catch in area 61 (vessel Tsune Maru #31). The incidence of halibut in shallow water (less than 500 m) generally averaged between about 2 and $\frac{5}{6}$ fish per metric ton of catch in the Shumagin and Chirikof areas.



The incidence of halibut for the Ebisu Maru #88 when fishing in shallow waters in areas 61 and 62 and targeting on Pacific cod (2.13 fish/mt), when extrapolated for the total catch, indicated 222 halibut weighing 610 kg were taken in 14 days of fishing. This was 0.7% of the catch by weight. All halibut were returned to the sea. Similarly, the incidence of halibut (7.21) on the Tsune Maru #31 when fishing in area 61 and on west in the Aleutians area in shallow water, when extrapolated to total catches, indicated 538 halibut weighing 1,598 kg were taken incidentally in 11 days of fishing. The incidental halibut catch was 2.1% of the total catch by weight.

We are continuing to monitor the longline fishery with four observers now with the longline fleet.

August 10, 1978

FAK/VV

Assistant Administrator for Fisheries

Attn: F35

(SND) ROBERT W. HAYEY

Harry L. Rietze
Director, Alaska Region

Monthly Summary of Foreign Fishing Activities off Alaska, July 1978

Attached is a summary of foreign fishing activities off Alaska for the above period.

Attachment

cc w/copy of summary:

Associate Director for Resource Management, NMFS, Washington, D.C.
Mr. Carl Price, Department of State, Washington, D.C.
Director, Southwest Region, NMFS, Terminal Island, Ca.
Special Agent in Charge, Law Enforcement Division, NMFS, Seattle, Wa.
Director, Kodiak Investigations, NMFC, Kodiak, Ak.
Director, Auke Bay Fisheries Laboratory, Auke Bay, Ak.
Senior Resident Agent, Law Enforcement Branch, NMFS, Kodiak, Ak.
Senior Resident Agent, Law Enforcement Branch, NMFS, Anchorage, Ak.
Senior Resident Agent, Law Enforcement Branch, NMFS, Sitka, Ak.

Following provided copy of summary only:

Director of International Fisheries, Office of the Governor, Juneau, Ak.
Commissioner, Alaska Department of Fish & Game, Juneau, Ak.
Director, California Department of Fish & Game, Sacramento, Ca.
Director, Oregon Fish Commission, Portland, Or.
Director, Washington Department of Fisheries, Olympia, Wa.
Director of Investigations, IPHC, Seattle, Wa.
Secretary, U.S. Section, INPFC, Seattle, Wa.
Executive Director, Pacific Marine Fisheries Commission, Portland, Or.
Executive Director, INPFC, Vancouver, B.C., Canada
Head, Marine Advisory Program, Newport, Or.
Commander (OIL), 17th Coast Guard District, Juneau, Ak.
Commercial Fisheries Division, ADF&G, Dillingham, Ak.
Commercial Fisheries Division, ADF&G, King Salmon, Ak.
Regional Supervisor, Commercial Fisheries Division, ADF&G, Kodiak, Ak.
Marine Service Met., National Weather Service, Anchorage, Ak.
F17, Kenneth Sherman, Chief, Resource Assessment Division
F4, Assistant Director for International Fisheries
Alaska Department of Fish and Game, Div. of Commercial Fisheries,
Anchorage, Ak.



MONTHLY SUMMARY OF
FOREIGN FISHING ACTIVITIES OFF ALASKA
JULY 1978

A total of 511 individual foreign fishing and associated support ships (492 Japanese, 5 Soviet, 13 South Korean, and 1 Taiwanese) engaged in fisheries off Alaska during July. That is an increase of two over last month and a decrease of 141 from July 1977. The number of vessels present simultaneously varied from 244 to 420.

JAPANESE ACTIVITIES

The 492 individual Japanese vessels that engaged in fisheries off Alaska in July included 114 medium stern trawlers, 21 large stern trawlers, 20 long-liners, 2 crab factory ships, 12 fleet crab pot vessels, 11 independent crab pot vessels, 7 snail pot vessels, 10 factory ships, 17 Danish seiners, 60 pair trawlers, 172 salmon gill-net vessels, 30 refrigerated transports, 12 cargo vessels, and 4 tankers. This is an increase of 12 over last month and a decrease of 141 from July 1977. The number of vessels present simultaneously varied from 430 to 238 by the end of the month, due to the departure of the high seas salmon fleets.

Groundfish Trawl Fishery

In July the Japanese trawl fishery continued along the 100-fathom edge in the Gulf of Alaska, Aleutian Islands, and Bering Sea.

Japanese vessels spent a total of 452 vessel days fishing for groundfish in the Gulf of Alaska. Off southeastern Alaska, two stern trawlers fished 34 days, supported by a cargo vessel for six days and a refrigerated transport for four days. Eleven stern trawlers fished 262 days from Portlock Bank to the Yakutat fishing grounds. Supporting them were 2 refrigerated transports (13 days), 1 tanker (6 days), and 1 cargo vessel (2 days). Six stern trawlers fished 114 days along the 100-fathom edge from Kodiak Island to east of Unimak Pass. They were supported by 3 refrigerated transports (13 days), 1 tanker (5 days), and 1 cargo vessel (3 days).

In the Aleutians, 39 stern trawlers fished 540 days from Amchitka Pass to the eastern Aleutians, supported by 3 refrigerated transports (8 days) and 1 tanker (1 day). In the western Aleutians, 42 stern trawlers fished for 698 days and were supported by two tankers for nine days and one refrigerated transport for 13 days.

The groundfish effort in the Bering Sea totaled 1,958 days. In the eastern Bering Sea southeast of the Pribilofs, 27 stern trawlers fished 546 days. Supporting them were 20 refrigerated transports (126 days), 9 cargo vessels (44 days), and 2 tankers (19 days). Fifty-five stern trawlers fished along the 100-fathom edge in the central Bering Sea for 1,026 days, with 18 refrigerated transports (118 days), 7 cargo vessels (62 days), and 2 tankers (17 days) supporting them.

Sablefish Fishery

The Japanese continued their effort for sablefish in the Bering Sea, Aleutians and Gulf of Alaska. Four longliners spent eight days in the central Bering Sea, while eight longliners spent 43 days in the eastern Bering Sea southeast of the Pribilofs. Three longliners fished 32 days in the western Aleutians and eight longliners operated 85 days from Amchitka Pass to the eastern Aleutians. In the Gulf of Alaska ten longliners spent 143 days from east of Unimak Pass to Albatross Bank off Kodiak Island. Nine longliners fished from Portlock Bank to the Yakutat fishing grounds for 93 days.

Pollock Fishery

Five factory ship fleets continued their effort for pollock in the Bering Sea during July. In the central Bering Sea the pollock fishery involved 3 factory ships (93 days) with 34 pair trawlers (838 days), 15 Danish seiners (358 days), and 3 stern trawlers (93 days). In the eastern Bering Sea, 2 factory ships operated 62 days, with 32 pair trawlers (842 days), 8 Danish seiners (169 days), and 8 stern trawlers (248 days).

Flounder Fishery

During the last week of July, a factory fleet involving one factory ship and six pair trawlers began an effort for flounder off Alaska. The factory ship and pair trawlers spent a total of 21 vessel days (3 days each) fishing in the eastern Bering Sea northeast of the Pribilof Islands.

Crab Fishery

Two crab factory ships and 12 crab pot vessels continued their effort for crab north of 58°N in the central Bering Sea, with crab pot vessels also fishing south of 58°N after the first week in July. A total of 62 crab factory days and 254 crab pot vessel days was spent north of 58°N, while crab pot vessels spent 118 days south of 58°N. In addition, 11 independent crab pot vessels continued fishing in the central Bering Sea for 244 vessel days.

Snail Fishery

Seven snail pot vessels continued operations off Alaska in July, spending a total of 187 days in the central Bering Sea.

Salmon Fishery

Four Japanese high seas salmon factory ship fleets continued operations from June, until the third week of July when they departed from the Alaska area. The vessels, including 4 factory ships and 172 gill-net vessels, fished a total of 3,872 days from northwest to southwest of the Aleutians.

SOVIET ACTIVITIES

The five individual Soviet vessels fishing off Alaska during July, 1978 included three stern trawlers, one cargo vessel, and one tanker. That is a decrease of 11 from the previous month and a decrease of three from July, 1977. The number of vessels present simultaneously increased from one at the beginning of the month to three by the end of the month.

Pollock Fishery

The Soviet effort for pollock continued in July with stern trawlers operating in the Bering Sea. Two stern trawlers operated 13 days in the eastern Bering Sea southeast of the Pribilofs and two stern trawlers fished in the central Bering Sea for 20 days.

Groundfish Trawl Fishery

Two Soviet support vessels operated in the Gulf of Alaska during July. A cargo vessel operated off the Shumagins for one day, while a tanker operated off Kodiak Island for one day.

SOUTH KOREAN ACTIVITIES

Thirteen South Korean vessels, including 11 stern trawlers, 1 longliner, and 1 refrigerated transport, continued operations off Alaska during July. This is the same number as last month and two more than July 1977. The number of vessels simultaneously present increased from six at the beginning of the month to 12 at the end of July.

Groundfish Trawl Fishery

The South Koreans continued their effort for groundfish in the Bering Sea and Gulf of Alaska. Ten stern trawlers fished a total of 118 days in the eastern Bering Sea southeast of the Pribilofs. Three stern trawlers fished 28 days in the central Bering Sea, supported by a refrigerated transport for

-4-
21 days. In the Gulf of Alaska, one stern trawler fished along southeast Alaska for five days. Four stern trawlers spent a total of 31 days fishing off the Shumagins.

Sablefish Fishery

One South Korean longliner continued fishing off Kodiak Island for 31 days.

TAIWANESE ACTIVITIES

One Taiwanese stern trawler began fishing for groundfish in the Bering Sea during the first week of July, until it departed at the end of July. The stern trawler spent 17 days in the eastern Bering Sea and nine days in the central Bering Sea.

NATIONAL MARINE FISHERIES SERVICE

LAW ENFORCEMENT DIVISION

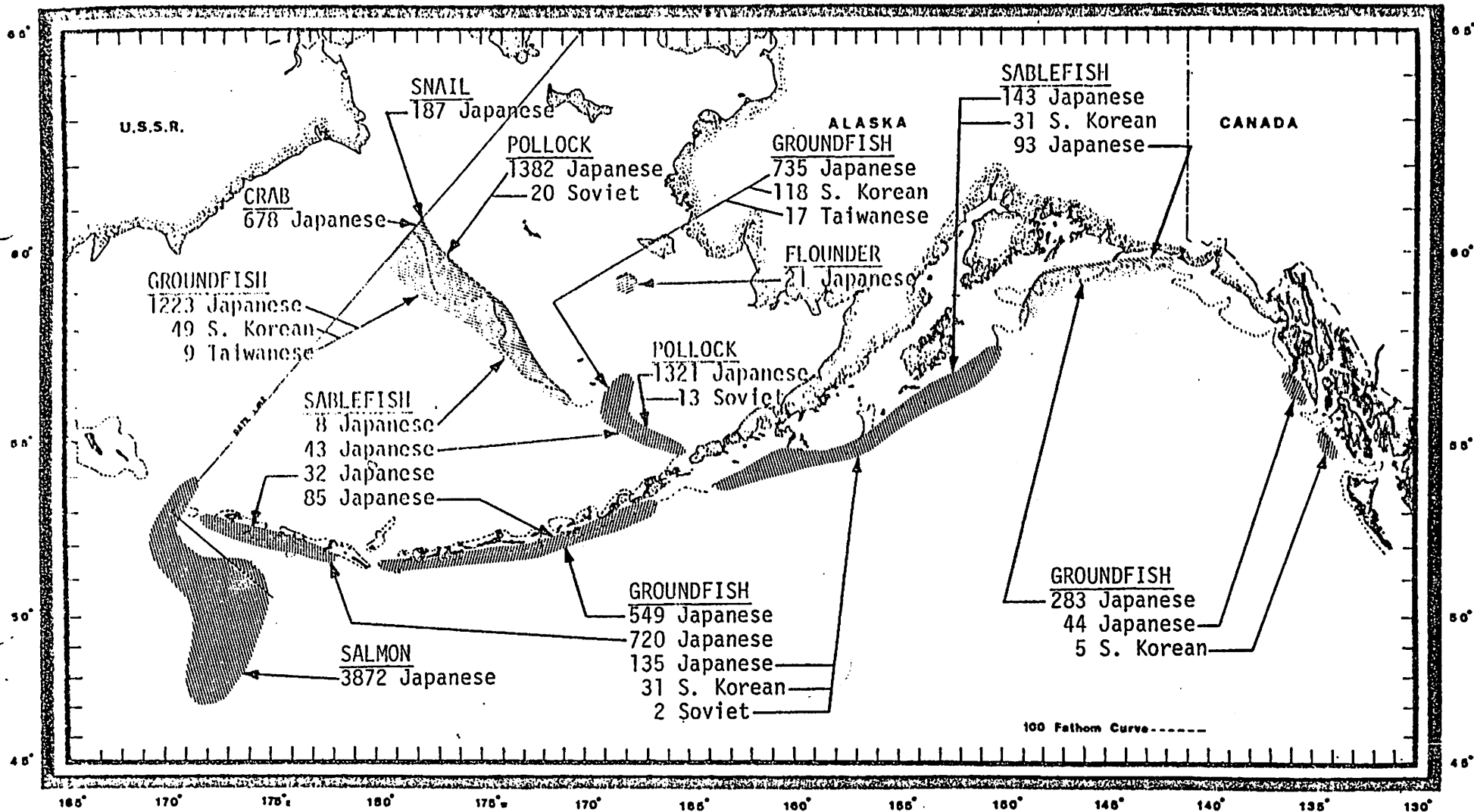
Monthly Summary

Alaska Region

For July 1978

	Hours	Miles	Gross Sightings	
			U.S.	Foreign
Aerial Patrols	164.1	29,517	107	385
Surface Patrols	2282.7	17,292	66	364

	Domestic	Foreign					
		JA	UR	KS	TW	PL	
Boardings	9	156		4			
Violations		3					
Seizures							
Citations		19					
Halibut Viol.	3						



Foreign Fishing off Alaska, July 1978, by Country,
Vessel Days, Principal Fishing Grounds, and Species Fished

TOTAL VESSELS

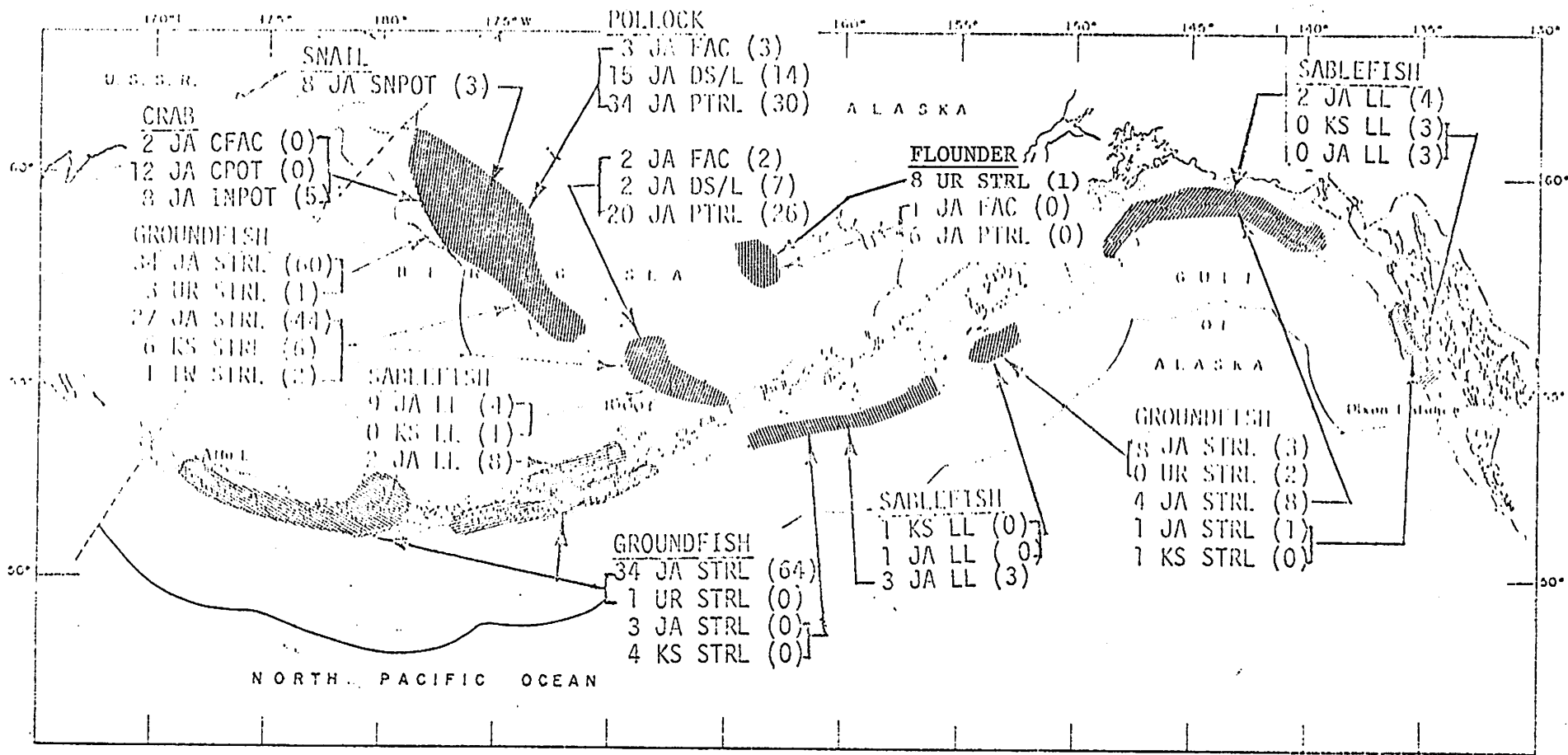
	1978	1977	1976
JAPAN	274	337	219
USSR	12	7	66
S. KOREA	12	10	56
TAIWAN	1	2	4
TOTALS	299	356	345

FOREIGN FLEET COMPOSITION - ALASKA REGION

August 1 - 15, 1978
(August 1 - 31, 1977)

Number of Vessels by Nation

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



BERING SEA			BERING SEA			ALEUTIANS			GULF OF ALASKA		
	1978	(1977)		1978	(1977)		1978	(1977)		1978	(1977)
JA FAC	6	(5)	JA STRL	61	(104)	JA STRL	34	(64)	JA STRL	16	(12)
JA DS/L	17	(21)	JA SUPPORT	22	(33)	JA SUPPORT	4	(10)	JA LL	6	(10)
JA PTRL	60	(56)	UR STRL	11	(0)	UR STRL	1	(0)	JA SUPPORT	7	(3)
JA CFAC	2	(0)	KS STRL	6	(6)	JA LL	2	(3)	UR STRL	0	(6)
JA CPOT	12	(0)	KS LL	0	(1)				UR SUPPORT	0	(1)
JA INPOT	8	(5)	TW STRL	0	(1)				KS STRL	5	(0)
JA SNPOT	8	(3)							KS LL	1	(3)
JA LL	9	(4)							TW STRL	0	(1)

NATION ABBREVIATIONS

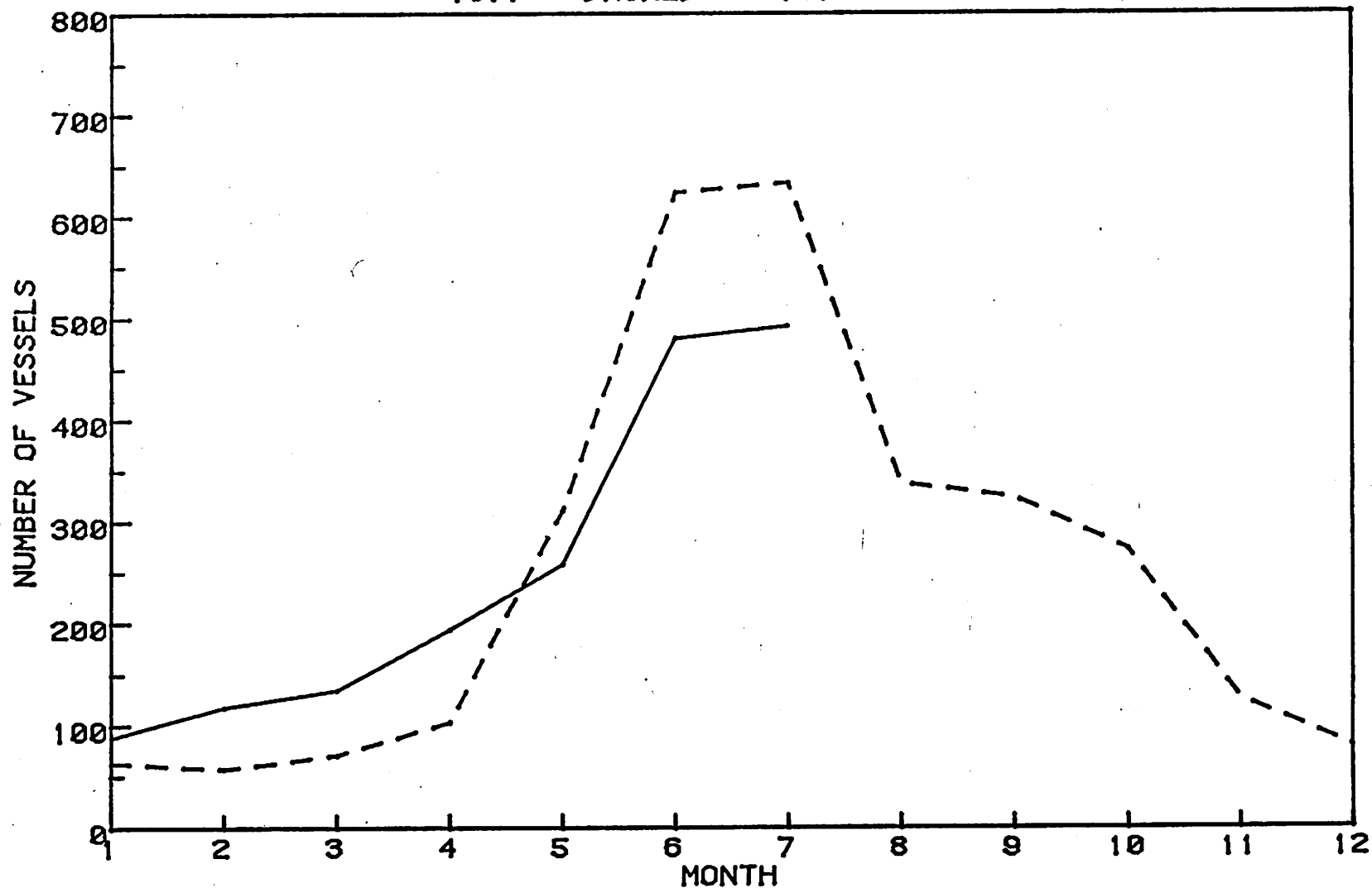
JA	JAPAN
UR	USSR
KS	SOUTH KOREA
TW	TAIWAN

VESSEL TYPE ABBREVIATIONS

FAC	groundfish factory ship
DS/L	danish seiner
PTRL	pair trawler
CFAC	crab factory ship
CPOT	crab pot vessels (with crab factory ships)
INPOT	independent crab pot vessel
SNPOT	snail pot vessels
LL	longline vessel
STRL	independent stern trawlers
SUPPORT	cargo, refrigerator, and tanker vessels

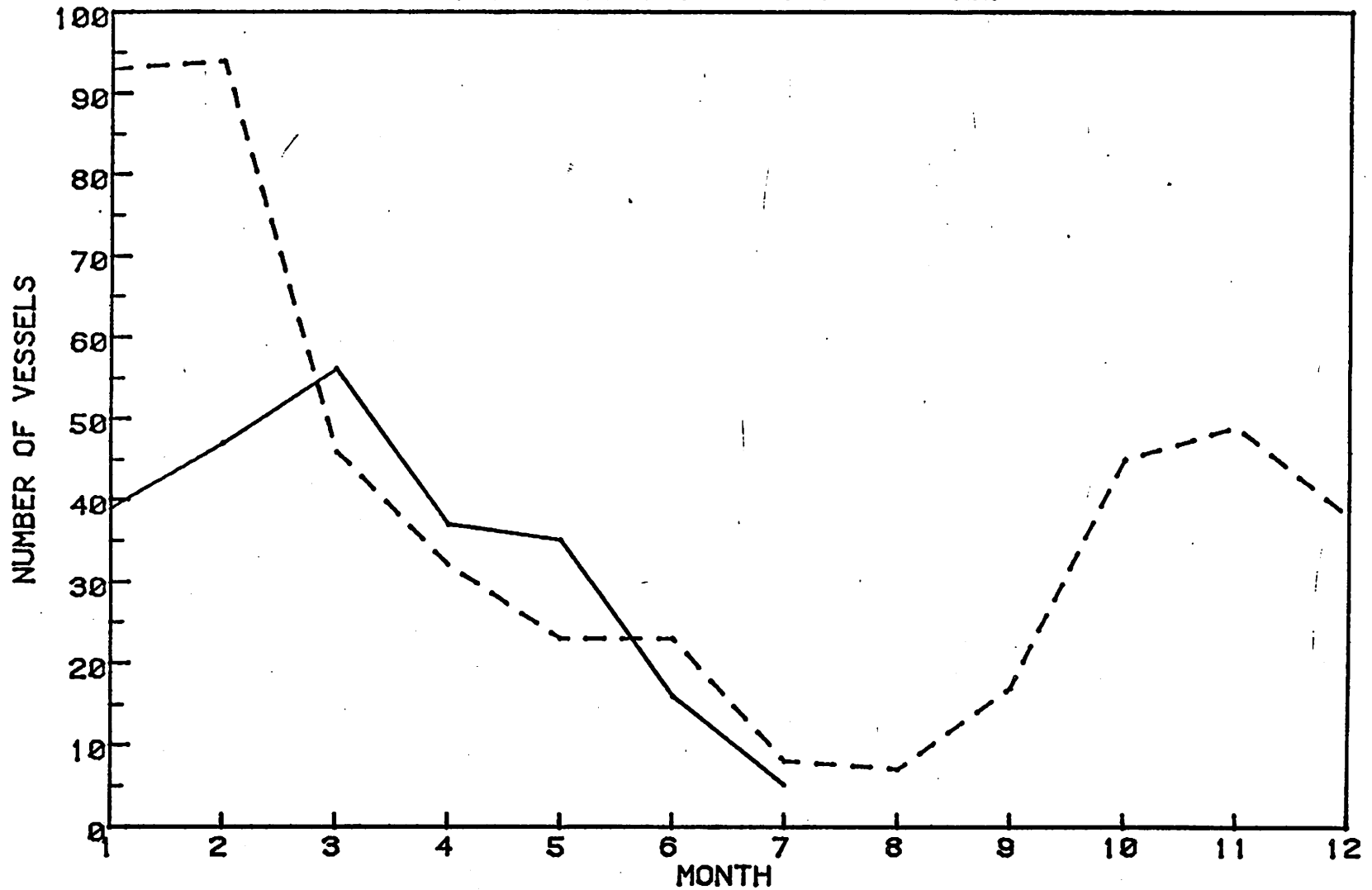
NUMBER OF JAPANESE VESSELS OFF ALASKA

1977 = DASHED 1978 = SOLID



NATIONAL MARINE FISHERIES SERVICE - LAW ENFORCEMENT

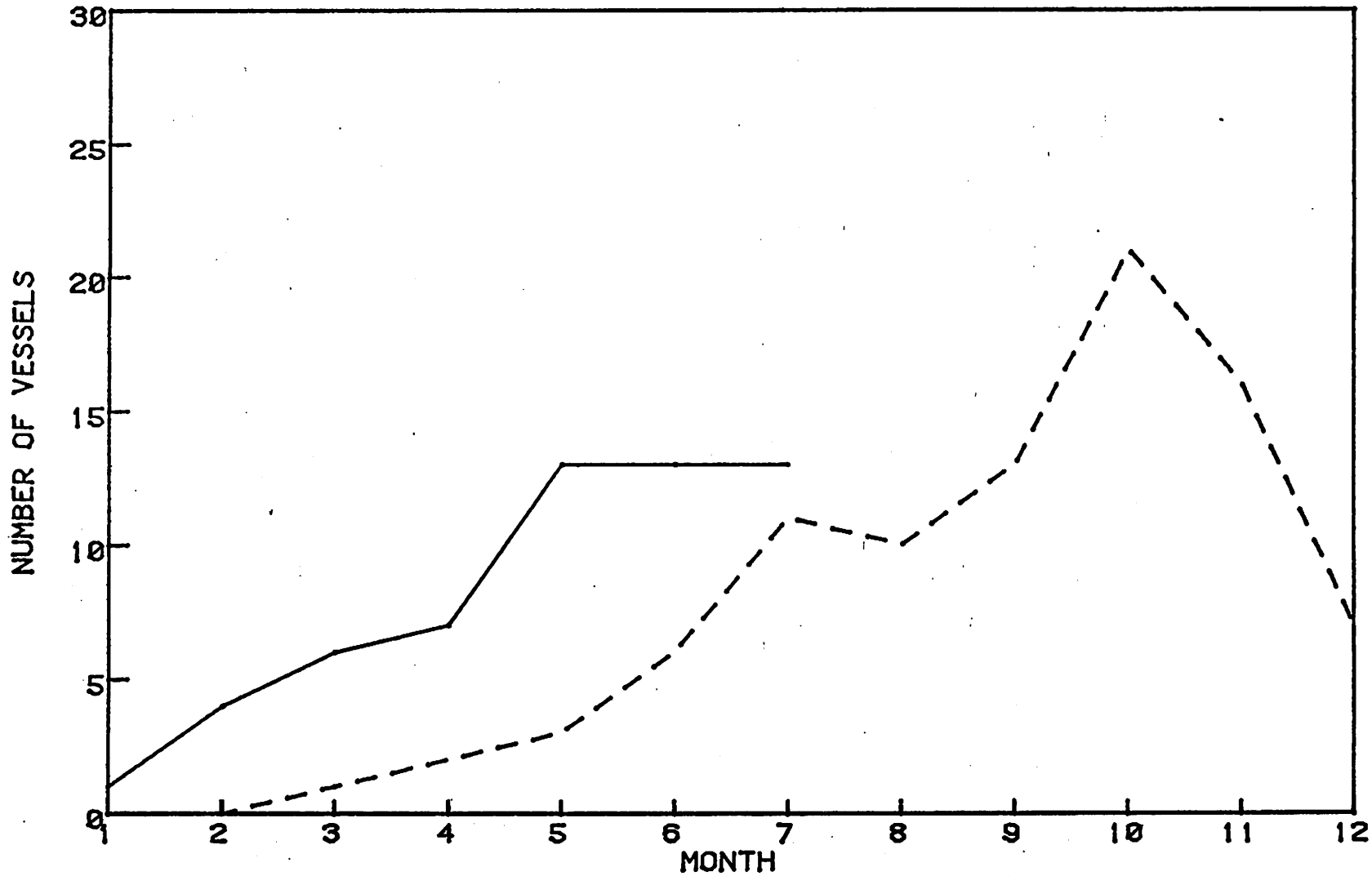
NUMBER OF SOVIET VESSELS OFF ALASKA
1977 - DASHED 1978 - SOLID



NATIONAL MARINE FISHERIES SERVICE - LAW ENFORCEMENT

NUMBER OF SOUTH KOREAN VESSELS OFF ALASKA

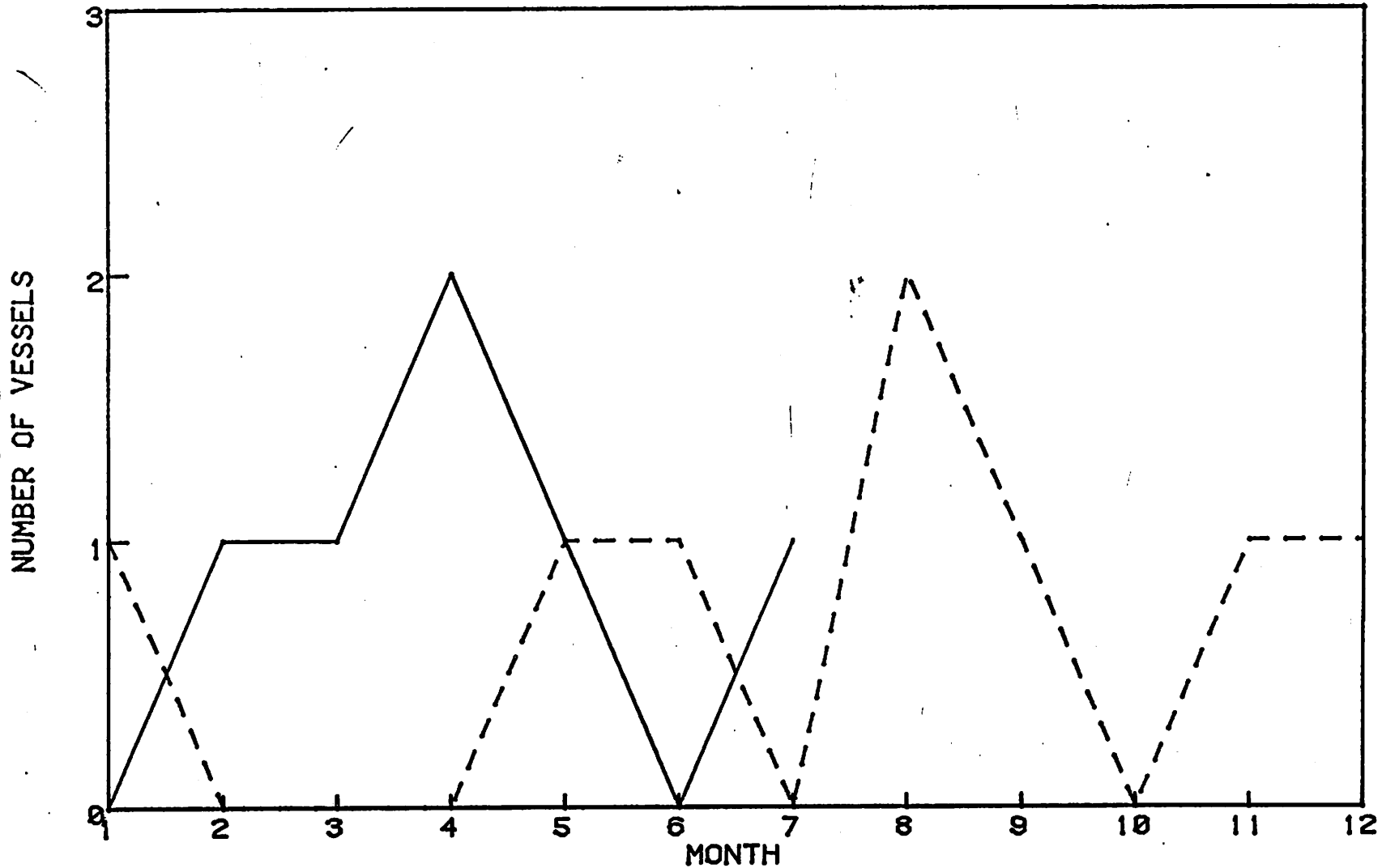
1977 = DASHED 1978 = SOLID



NATIONAL MARINE FISHERIES SERVICE - LAW ENFORCEMENT

NUMBER OF TAIWANESE VESSELS OFF ALASKA

1977 = DASHED 1978 = SOLID



NATIONAL MARINE FISHERIES SERVICE - LAW ENFORCEMENT

JAPANESE BERING SEA TANNER CRAB FISHERY 1/

I. 1978 catch through August 19 (metric tons)

	<u>Opilio</u>	<u>Bairdi</u>	<u>Hybrid</u>	<u>Total</u>
Factoryships <u>2/</u>	9,664.02 (86.8%)	1,132.46 (10.2%)	332.76 (3.0%)	11,130.15
Independent Vessels <u>3/</u>	2,354.78 (77.6%)	545.89 (18.0%)	133.25 (4.4%)	3,033.89

II. Percent 1978 quota taken as of August 19

	<u>Catch</u>	<u>Quota</u>	<u>Percent</u>
Factoryships	11,130	11,728	94.9
Independent Vessels	<u>3,034</u>	<u>3,272</u>	<u>92.7</u>
Total	14,164	15,000	94.4

III. Comparison of 1977 and 1978 catches (metric tons)

Factoryships 4/ (162 days of fishing)

No comparison available

Independents 5/ (97 days of fishing)

1977	(May 30 - September 3)	2,512
1978	(May 16 - August 19)	3,034

1/ Preliminary based on NMFS observer reports.

2/ Two factoryships each accompanied by six catcher vessels: Koyo ceased operations on August 10th, 1978, with a catch of 5,739.62 mt.

3/ Up to 11 vessels: 7 have filled their individual quotas; 4 continue fishing.

4/ Factoryship fleet ended operations on July 19, 1977, after 134 days of fishing.

5/ Up to 11 vessels in 1977 and 1978.

FOREIGN TANNER CRAB CATCH REPORT AUG-21-1978 PAGE 1

NMFS MANAGEMENT OPERATIONS BRANCH JUNEAU AK.

4 INDEPENDENT VESSELS

DATE	DAILY CATCH(M.T.)				ACCUMULATIVE CATCH(M.T.)				
	TOTAL	OPILIO	BAIRDI	HYBRID	TOTAL	OPILIO	BAIRDI	HYBRID	
8/13/78	23.47	18.32	4.13	1.02	2930.11	2262.45	536.47	131.22	
8/14/78	22.74	20.12	1.84	.78	2952.86	2282.57	538.31	132.00	
8/15/78	22.30	19.11	2.60	.59	2975.15	2301.69	540.90	132.59	
8/16/78	16.03	13.51	1.95	.58	2991.18	2315.19	542.85	133.17	
8/17/78	10.24	8.75	1.49	.00	3001.42	2323.95	544.34	133.17	
8/18/78	15.19	14.31	.79	.08	3016.61	2338.26	545.13	133.25	
8/19/78	17.28	16.52	.76	.00	3033.89	2354.78	545.89	133.25	
PERIOD MEAN	18.13	M.T./DAY		87.0%	OPILIO	10.6%	BAIRDI	2.4%	HYBRID
SEASON MEAN	31.60	M.T./DAY		77.6%	OPILIO	18.0%	BAIRDI	4.4%	HYBRID

FOREIGN TANNER CRAB CATCH REPORT AUG-21-1978 PAGE 2

NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

KOYO MARU

DATE	DAILY CATCH(M.T.)				ACCUMULATIVE CATCH(M.T.)				
	TOTAL	OPILIO	BAIRDI	HYBRID	TOTAL	OPILIO	BAIRDI	HYBRID	
PERIOD MEAN	.00	M.T./DAY		.0%	OPILIO	.0%	BAIRDI	.0%	HYBRID
SEASON MEAN	37.76	M.T./DAY		88.5%	OPILIO	9.4%	BAIRDI	2.1%	HYBRID

FOREIGN TANNER CRAB CATCH REPORT AUG-21-1978 PAGE 3

NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

KEIKO MARU

DATE	DAILY CATCH(M.T.)				ACCUMULATIVE CATCH(M.T.)			
	TOTAL	OPILIO	BAIRDI	HYBRID	TOTAL	OPILIO	BAIRDI	HYBRID
8/13/78	19.41	18.25	1.06	.10	5225.83	4452.73	568.58	204.58
8/14/78	16.86	15.52	.33	1.01	5242.70	4468.25	568.91	205.59
8/15/78	26.85	25.69	.18	.98	5269.55	4493.94	569.09	206.58
8/16/78	31.76	23.32	8.17	.27	5301.31	4517.26	577.26	206.84
8/17/78	34.73	25.19	6.14	2.36	5336.04	4542.45	583.40	209.20
8/18/78	18.47	16.31	1.43	.74	5354.51	4558.77	584.83	209.94
8/19/78	36.02	28.09	6.56	1.37	5390.53	4586.86	591.38	211.31
PERIOD MEAN	26.30 M.T./DAY				82.8% OPILIO	13.0% BAIRDI	3.7% HYBRID	
SEASON MEAN	33.52 M.T./DAY				85.2% OPILIO	10.9% BAIRDI	3.9% HYBRID	

FOREIGN TANNER CRAB CATCH REPORT AUG-21-1978 PAGE 4

NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

PERCENTAGE OF QUOTA(15,000 M.T.) CAUGHT

DATE	OPILIO	BAIRDI	HYBRID	DAILY ACCUMULATIVE		% OF QUOTA
				TOTAL	TOTAL	
8/13/78	36.57	5.19	1.13	42.89	13895.56	92.6
8/14/78	35.65	2.17	1.79	39.61	13935.17	92.9
8/15/78	44.80	2.78	1.57	49.15	13984.32	93.2
8/16/78	36.83	10.12	.85	47.79	14032.11	93.5
8/17/78	33.94	7.63	2.36	44.97	14077.08	93.8
8/18/78	30.63	2.22	.82	33.66	14110.74	94.1
8/19/78	44.61	7.32	1.37	53.30	14164.04	94.4
PERIOD MEAN	44.33 M.T./DAY			84.8% OPILIO	12.1% BAIRDI	3.2% HYBRID
SEASON MEAN	87.34 M.T./DAY			84.9% OPILIO	11.8% BAIRDI	3.3% HYBRID

NMFS, ALASKA REGION
 MANAGEMENT OPERATIONS BRANCH
 AUGUST 22, 1978

1978 JAPANESE PACIFIC COD
 LONGLINERS FISHING WEST OF 157° W

	<u>WEEK ENDING</u>	<u>NO. VESSELS</u>	(Estimated) <u>NO. VESSEL DAYS</u>	<u>CATCH (MT)</u>
SHUMAGIN	4/29	6	17	74.4
	5/06	10	53	240.3
	5/13	8	28	119.5
	5/20	3	3	15.3
	6/03	6	13	65.9
	6/10	8	36	226.8
	6/17	4	6	38.9
	6/24	0	0	0
	7/08	2	3	18.1
	7/15	4	17	102.4
	7/22	6	17	107.4
	7/29	2	2	10.2
	8/05	0	0	0
	8/12	2	2	10.2
		TOTAL:	197	1029.4
CHIRIKOF	5/06	1	2	8.0
	5/13	2	6	27.5
	6/03	1	1	5.2
	6/10	4	10	67.3
	6/17	5	17	99.7
	6/24	2	3	18.4
	7/08	3	2	13.3
	7/15	4	11	80.7
	7/22	4	23	133.5
	7/29	2	4	22.0
	8/05	0	0	0
8/12	0	0	0	
		TOTAL:	79	475.6

	<u>WEEK ENDING</u>	<u>NO. VESSELS</u>	<u>(Estimated)</u> <u>NO. VESSEL DAYS</u>	<u>CATCH (MT)</u>
TOTAL	4/29	6	17	74.4
	5/06	11	55	248.3
	5/13	10	34	147.0
	5/20	3	3	15.3
	6/03	7	14	71.1
	6/10	12	46	294.1
	6/17	9	23	138.6
	6/24	2	3	18.4
	7/08	5	5	31.4
	7/15	8	28	183.1
	7/22	10	40	240.9
	7/29	4	6	32.2
	8/05	0	0	0
	8/12	2	2	10.2
		TOTAL:	276	1505.0

CATCH (METRIC TONS) REPORTED BY DESIGNATED FOREIGN OFFICIALS

DATE COMPILED: 3/22/1978

PERIOD COVERED: 1/ 1/1978 - 3/12/1978

COMPILED BY:

NATIONAL MARINE FISHERIES SERVICE
ALASKA REGIONAL FISHERIES MANAGEMENT OPERATIONS BRANCH

THIS REPORT DOES NOT CONSTITUTE A
PUBLICATION.

BERING SEA

JAPAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	26.0	578.0	1870	30.9
PACIFIC PERCH	13.0	515.1	3100	16.6
TANNER CRAB	467.2	13850.4	15000	92.3
OTHER SPECIES	527.0	21265.4	45415	46.8

SOUTH KOREA

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	200	0.0
PACIFIC PERCH	111.3	230.9	300	77.0
TANNER CRAB	0.0	0.0	0	0.0
OTHER SPECIES	228.7	642.5	2800	22.9

SOVIET UNION

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	265	0.0
PACIFIC PERCH	0.0	75.2	3075	2.4
TANNER CRAB	0.0	0.0	0	0.0
OTHER SPECIES	160.0	362.5	11145	3.3

TAIWAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	1.0	65	1.5
PACIFIC PERCH	0.0	1.3	25	7.2
TANNER CRAB	0.0	0.0	0	0.0
OTHER SPECIES	0.0	0.0	240	0.0

TOTAL FOREIGN EFFORT

SPECIES	CATCH THIS PERIOD	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	26.0	579.0	2400	24.1
PACIFIC PERCH	124.3	823.0	6500	12.7
TANNER CRAB	467.2	13850.4	15000	92.3
OTHER SPECIES	915.7	22270.4	59600	37.4

ALEUTIAN ISLANDS

JAPAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	15.0	564.7	1170	48.3
PACIFIC PERCH	55.5	3945.0	6200	63.6
OTHER SPECIES	650.1	12200.2	25900	47.1

SOUTH KOREA

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	125	0.0
PACIFIC PERCH	0.0	0.0	700	0.0
OTHER SPECIES	0.0	0.0	1600	0.0

SOVIET UNION

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	165	0.0
PACIFIC PERCH	0.0	153.3	8050	1.9
OTHER SPECIES	0.0	88.5	6365	1.4

TAIWAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	40	0.0
PACIFIC PERCH	0.0	0.0	50	0.0
OTHER SPECIES	0.0	0.0	135	0.0

TOTAL FOREIGN EFFORT

SPECIES	CATCH THIS PERIOD	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	15.0	564.7	1500	37.6
PACIFIC PERCH	55.5	4098.3	15000	27.3
OTHER SPECIES	650.1	12288.7	34000	36.1

BERING SEA AND ALEUTIAN ISLANDS

JAPAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	78.7	4458.3	9870	45.2
YELLOWFIN SOLE	2162.5	15602.4	63900	24.4
FLOUNDER	1541.5	45979.8	83800	54.9
POLLOCK	33629.5	444398.4	792300	56.1
PACIFIC COD	772.0	19209.6	38850	49.4
ATKA MACKEREL	44.5	721.5	2000	36.1
HERRING	0.2	344.3	2580	13.3
SNAILS	151.4	1218.2	3000	40.6

SOUTH KOREA

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.1	20.2	50	40.4
YELLOWFIN SOLE	0.5	14.6	100	14.6
FLOUNDER	2.5	19.6	100	19.6
POLLOCK	1828.4	39234.3	60000	65.4
PACIFIC COD	2.1	64.8	100	64.8
ATKA MACKEREL	0.6	12.7	100	12.7
HERRING	1.1	2.5	20	12.5
SNAILS	0.0	0.0	0	0.0

SOVIET UNION

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	20.2	70	28.9
YELLOWFIN SOLE	242.0	2904.2	41950	6.9
FLOUNDER	1350.0	5671.2	55050	10.3
POLLOCK	269.0	75295.3	92700	81.2
PACIFIC COD	0.0	132.0	17500	0.8
ATKA MACKEREL	0.0	20850.8	22600	92.3
HERRING	0.0	3447.7	6060	56.9
SNAILS	0.0	0.0	0	0.0

***** BERING SEA AND ALEUTIAN ISLANDS (Continued)

TAIWAN				
SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	1.8	10	18.0
YELLOWFIN SOLE	0.0	0.7	50	1.4
FLOUNDER	0.0	3.6	50	7.2
POLLOCK	0.0	1232.4	5000	24.6
PACIFIC COD	0.0	10.8	50	21.6
ATKA MACKEREL	0.0	0.3	100	0.3
HERRING	0.0	0.0	10	0.0
SHAILS	0.0	0.0	0	0.0

TOTAL FOREIGN EFFORT				
SPECIES	CATCH THIS PERIOD	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	78.8	4500.5	10000	45.0
YELLOWFIN SOLE	2405.0	13521.9	106000	17.5
FLOUNDER	2394.0	51674.2	139000	37.2
POLLOCK	35726.9	560160.4	950000	59.0
PACIFIC COD	774.1	19417.2	56500	34.4
ATKA MACKEREL	45.1	21525.3	24800	87.0
HERRING	1.3	3794.5	8670	43.8
SHAILS	151.4	1218.2	3000	40.6

GULF OF ALASKA

JAPAN

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.2	5.7	30	19.0
FLOUNDER	717.6	9515.3	15800	60.9
POLLOCK	766.1	14537.2	28800	50.5
PACIFIC COD	24.7	2008.6	6200	32.4
SABLEFISH	130.6	3758.1	6950	54.1
ATKA MACKEREL	46.5	787.4	2000	39.4
PACIFIC PERCH	151.3	3058.3	4650	65.8
ROCKFISH	41.0	566.5	1000	56.7
OTHER SPECIES	158.3	1814.9	4030	45.0

MEXICO

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	0.0	745	0.0
FLOUNDER	0.0	0.0	100	0.0
POLLOCK	0.0	0.0	10000	0.0
PACIFIC COD	0.0	0.0	4000	0.0
SABLEFISH	0.0	0.0	100	0.0
ATKA MACKEREL	0.0	0.0	100	0.0
PACIFIC PERCH	0.0	0.0	1596	0.0
ROCKFISH	0.0	0.0	744	0.0
OTHER SPECIES	0.0	0.0	2000	0.0

POLAND

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	0.0	10	0.0
FLOUNDER	0.0	0.0	100	0.0
POLLOCK	0.0	0.0	3900	0.0
PACIFIC COD	0.0	0.0	350	0.0
SABLEFISH	0.0	0.0	50	0.0
ATKA MACKEREL	0.0	0.0	1030	0.0
PACIFIC PERCH	0.0	0.0	630	0.0
ROCKFISH	0.0	0.0	125	0.0
OTHER SPECIES	0.0	0.0	395	0.0

***** GULF OF ALASKA (Continued)

SOUTH KOREA

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	1.5	20	7.5
FLOUNDER	3.6	22.9	100	22.9
POLLOCK	328.0	4704.6	19870	23.7
PACIFIC COD	4.3	15.1	100	15.1
SABLEFISH	7.7	255.5	800	31.9
ATKA MACKEREL	0.2	2.2	100	2.2
PACIFIC PERCH	201.4	405.7	3203	12.7
ROCKFISH	7.0	11.4	675	1.7
OTHER SPECIES	113.7	267.8	1535	17.4

SOVIET UNION

SPECIES	WEEK ENDING 8/12/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	0.0	50	0.0
FLOUNDER	0.0	420.0	1500	28.0
POLLOCK	0.0	41091.6	44770	91.8
PACIFIC COD	0.0	1163.7	2330	49.9
SABLEFISH	0.0	4.0	100	4.0
ATKA MACKEREL	0.0	17603.0	21570	81.6
PACIFIC PERCH	0.0	646.1	7225	8.9
ROCKFISH	0.0	0.0	1535	0.0
OTHER SPECIES	0.0	335.0	5000	6.7

TOTAL FOREIGN EFFORT

SPECIES	CATCH THIS PERIOD	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.2	7.2	855	0.8
FLOUNDER	721.2	10058.2	17600	57.1
POLLOCK	1094.1	60333.4	107340	56.2
PACIFIC COD	29.0	3187.4	12980	24.6
SABLEFISH	138.3	4017.6	8000	50.2
ATKA MACKEREL	46.7	18392.6	24800	74.2
PACIFIC PERCH	352.7	4110.1	17304	23.8
ROCKFISH	48.0	577.9	4079	14.2
OTHER SPECIES	272.0	2417.7	12960	18.7
