



Agenda #5 a
JULY 1978

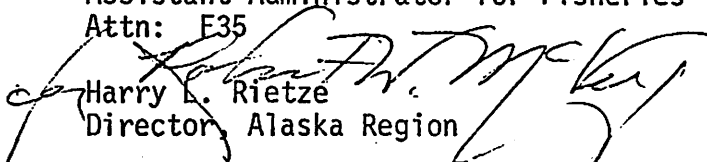
**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration**

*National Marine Fisheries Service
P. O. Box 1668, Juneau, Alaska 99802*

Date : July 14, 1978

Reply to Attn. of: FAK/VV

To : Assistant Administrator for Fisheries
Attn: E35

From : 
Harry L. Rietze
Director, Alaska Region

Subject: Monthly Summary of Foreign Fishing Activities off Alaska, June 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, NWFC, 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.



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
P. O. BOX 1668 - JUNEAU, ALASKA 99802

MONTHLY SUMMARY OF
FOREIGN FISHING ACTIVITIES OFF ALASKA
JUNE 1978

A total of 509 individual foreign fishing vessels and associated support ships (480 Japanese, 16 Soviet, and 13 South Korean) engaged in fisheries off Alaska during June. That is an increase of 202 over last month and a decrease of 145 from June 1977. The number of vessels simultaneously present varied from 414 to 432 throughout the month.

JAPANESE ACTIVITIES

The 480 individual Japanese vessels that engaged in fisheries off Alaska included 114 medium stern trawlers, 19 large stern trawlers, 20 longliners, 2 crab factory ships, 12 fleet crab pot vessels, 11 independent crab pot vessels, 6 snail pot vessels, 9 factory ships, 17 Danish seiners, 60 pair trawlers, 172 gill-net vessels, 23 refrigerated transports, 11 cargo vessels, and 4 tankers. This represents an increase of 222 over last month and a decrease of 144 from June 1977. The majority of this increase was the result of the arrival of the high seas salmon fleets in the Alaska area. The number of vessels present simultaneously varied from 389 to 423.

Groundfish Trawl Fishery

The Japanese trawl fisheries continued from May with vessels operating along the 100-fathom edge in the Bering Sea, Aleutian Islands, and Gulf of Alaska.

In the central Bering Sea, 57 stern trawlers fished for groundfish a total of 620 days. These vessels were supported by 16 refrigerated transports (68 vessel days), 6 cargo vessels (31 days), and 2 tankers (9 days). In the eastern Bering Sea southeast of the Pribilofs, 23 stern trawlers fished 445 vessel days. Supporting them were 16 refrigerated transports (101 days), 9 cargo vessels (69 days), and 3 tankers (21 days).

In the Aleutians, 72 stern trawlers fished 982 days from Attu Island to Amukta Pass. Five refrigerated transports (48 days), 5 cargo vessels (16 days), and 3 tankers (20 days) supported these vessels.

Japanese vessels spent a total of 461 vessel days fishing for groundfish in the Gulf of Alaska. Thirteen stern trawlers fished 95 days from southwest of Unimak Pass to the Chirikof fishing grounds, supported by 4 refrigerated transports (6 days) and 1 tanker (5 days). Thirteen stern trawlers operated

off Kodiak Island 166 days and were supported by 4 refrigerated transports for 14 days. Seven stern trawlers operated from Portlock Bank to the western Yakutat grounds for 127 days, supported by one cargo vessel (5 days), one refrigerated transport (3 days), and one tanker (5 days). Two stern trawlers fished 6 days on the eastern Yakutat grounds. Three stern trawlers fished 29 days on the southeast grounds.

Sablefish Fishery

The Japanese effort for sablefish continued in the Gulf of Alaska, Aleutians, and Bering Sea. In the Gulf, 3 longliners fished 39 days on the western Yakutat fishing grounds. Five longliners operated 24 days off Kodiak Island. Fourteen longliners fished 136 days from the Shumagins to southwest of Unimak Pass. In the Aleutians, 10 longliners fished from Attu Island to Amukta Pass for 85 days. A minor effort for sablefish occurred in the Bering Sea, with 1 longliner fishing 5 days in the central Bering Sea and 4 longliners operating 10 days in the eastern Bering Sea southeast of the Pribilof Islands.

Pollock Fishery

Five factory ship fleets fished for pollock along the 100-fathom edge in the Bering Sea. In the central Bering Sea the pollock fishery involved 5 factory ships (76 days) with 58 pair trawlers (727 days), 17 Danish seiners (259 days), 11 stern trawlers (92 days), and 1 refrigerated transport (5 days). In the eastern Bering Sea, 4 factory ships operated 73 vessel days with 50 pair trawlers (1,008 days), 14 Danish seiners (248 days), 10 stern trawlers (237 days), and 1 refrigerated transport (16 days).

Crab Fishery

Two crab factory ships and 12 crab pot vessels continued to fish north of 58°N in the central Bering Sea, operating 30 days each (a total of 420 days). In addition, 11 independent crab pot vessels continued their operations in the central Bering Sea, for a total of 320 days.

Snail Fishery

Six snail pot vessels operated a total of 155 days in the central Bering Sea.

Salmon Fishery

On the first of June, 4 Japanese high seas salmon factory ship fleets began operations in the Alaska area. The fleets, composed of 4 factory ships and 172 gill-net vessels (43 for each fleet), were supported by refrigerated transports, patrol vessels, and research vessels, and fished 30 days each for a total of 5,280 days. At the beginning of June the fleets fished southwest of the Aleutians; by month's end, operations had shifted to the Bering Sea, northwest of the Aleutians.

SOVIET ACTIVITIES

The 16 individual Soviet vessels fishing off Alaska included 13 stern trawlers, 2 refrigerated transports, and 1 cargo vessel. This is 19 vessels less than last month and 7 less than June 1977. The number of vessels present simultaneously decreased from 15 at the beginning of June to 3 by the end of the month.

Pollock Fishery

The Soviets continued a minor effort for pollock in the Bering Sea during June. Three stern trawlers operated 15 days in the eastern Bering Sea southeast of the Pribilofs. Two stern trawlers fished in the central Bering Sea 16 days.

Groundfish Trawl Fishery

The Soviet groundfish trawl fishery continued in the Aleutians and Gulf of Alaska. In the Aleutians, one stern trawler concentrated its efforts along the 100-fathom edge near Attu Island, Amchitka Pass, and Amukta Pass for 28 days. It was supported by one refrigerated transport for 3 days. In the Gulf of Alaska, 9 stern trawlers operated off Kodiak Island for 56 days, supported by a refrigerated transport for 11 days. Eleven stern trawlers fished along the Chirikof grounds for 118 days and were supported by a refrigerated transport (1 day) and a cargo vessel (11 days).

SOUTH KOREAN ACTIVITIES

Thirteen South Korean vessels, including 11 stern trawlers, 1 longliner, and 1 refrigerated transport, operated off Alaska during June. This is the same number as last month and 7 more than June 1977. The number of vessels present simultaneously decreased from 12 at the beginning of the month to 6 by the end of June.

Groundfish Trawl Fishery

The South Korean effort for groundfish continued in the Gulf of Alaska and Bering Sea. In the Gulf of Alaska, 7 stern trawlers fished along the Shumagins and Chirikof fishing grounds for 23 days supported by a refrigerated transport for 15 days. In the eastern Bering Sea 11 stern trawlers fished 208 days; 6 stern trawlers fished for 48 days in the central Bering Sea, supported for 3 days by a refrigerated transport.

Sablefish Fishery

One South Korean longliner continued fishing from May. It spent 30 days off Kodiak Island.

NATIONAL MARINE FISHERIES SERVICE

LAW ENFORCEMENT DIVISION

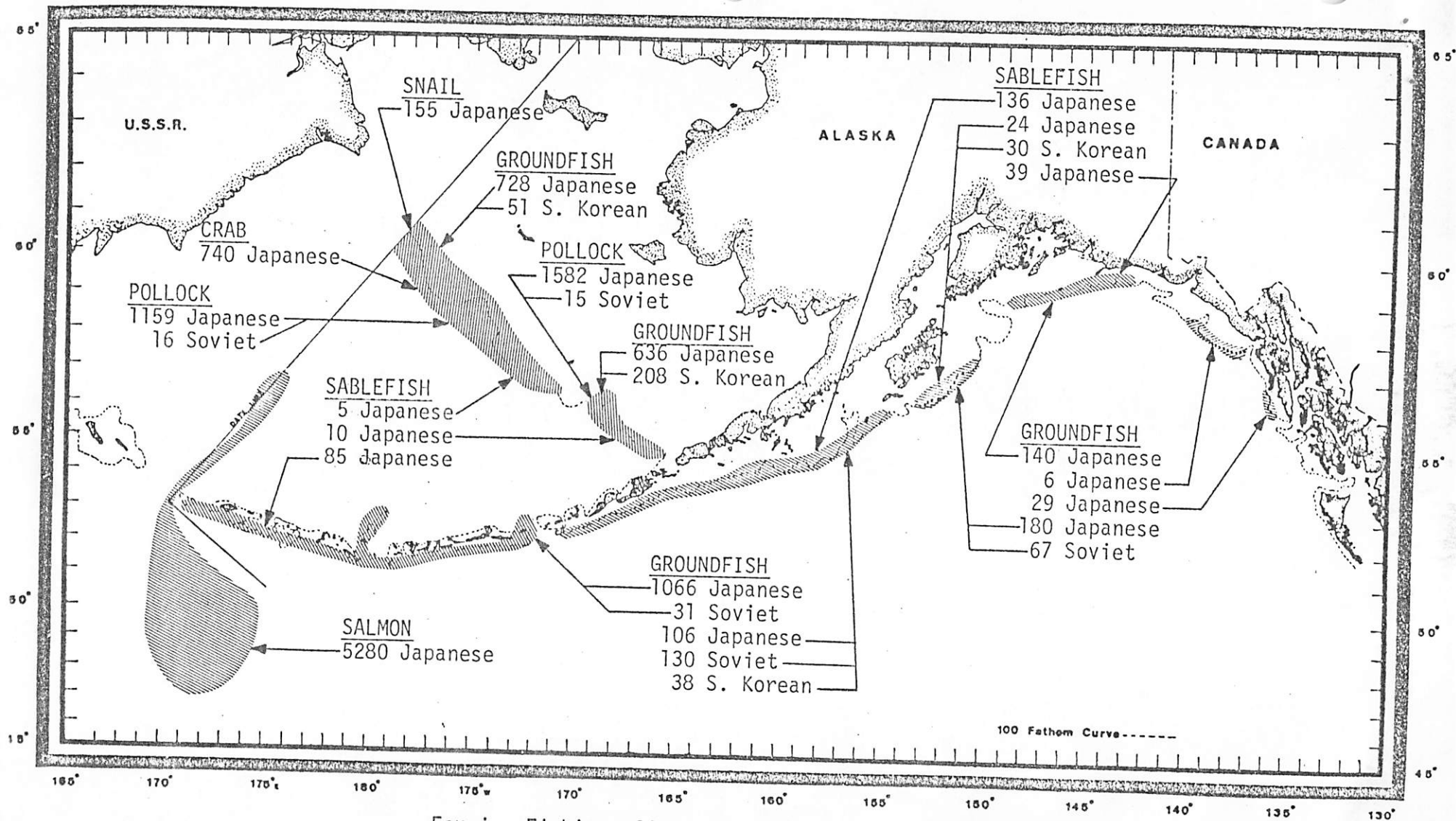
Monthly Summary

Alaska Region

For June 19 78

	Hours	Miles	Gross Sightings	
			U.S.	Foreign
Aerial Patrols	180.7	31,363	270	455
Surface Patrols	1679.6	23,514	201	230

	Domestic	Foreign					
		JA	UR	KS	TW	PL	
Boardings	141	87	7	5			
Violations	1	1	1	1			
Seizures							
Citations		2	1				
Gear Conflicts		1					



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



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
P. O. BOX 1668 - JUNEAU, ALASKA 99802

Agenda Item #5
July 1978

July 20, 1978

Jim Branson, Director
North Pacific Fishery Management Council
P.O. Box 3136 DT
Anchorage, AK 99510

Dear Jim:

Enclosed for your information are daily foreign catches of tanner crabs in the Bering Sea for the period July 9, 1978, to July 15, 1978.

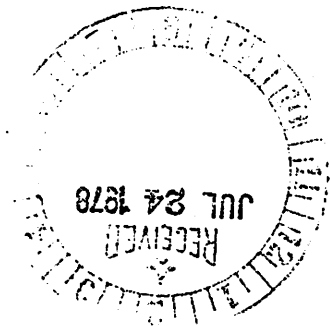
Updated reports will be furnished to you weekly.

Sincerely,

A handwritten signature in cursive script, appearing to read "Harry L. Rietze".

Harry L. Rietze
Director, Alaska Region

Enclosure



FOREIGN TANNER CRAB CATCH REPORT JUL-17-1978 PAGE 1

NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

8 INDEPENDENT VESSELS

DATE	DAILY CATCH(M.T.)				ACCUMULATIVE CATCH(M.T.)			
	TOTAL	OPILIO	BAIRDI	HYBRID	TOTAL	OPILIO	BAIRDI	HYBRID
7/09/78	1.28	1.28	.00	.00	2047.43	1508.34	431.22	107.90
7/10/78	39.64	33.58	5.50	.56	2087.07	1541.91	436.72	108.46
7/11/78	37.05	29.18	6.94	.94	2124.13	1571.09	443.66	109.40
7/12/78	30.23	25.33	3.91	1.00	2154.36	1596.42	447.57	110.40
7/13/78	27.95	23.37	4.02	.56	2182.31	1619.79	451.58	110.96
7/14/78	18.70	16.28	2.04	.38	2201.01	1636.07	453.62	111.34
7/15/78	24.01	22.24	1.45	.32	2225.02	1658.31	455.07	111.66
PERIOD MEAN	25.55 M.T./DAY	84.6% OPILIO		13.3% BAIRDI	2.1% HYBRID			
SEASON MEAN	36.30 M.T./DAY	74.7% OPILIO		20.3% BAIRDI	5.0% HYBRID			

FOREIGN TANNER CRAB CATCH REPORT JUL-17-1978 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
7/09/78	24.40	23.89	.38	.13	4626.48	4001.77	517.71	107.06
7/10/78	31.80	29.50	2.05	.24	4658.28	4031.27	519.76	107.31
7/11/78	30.60	30.34	.00	.26	4688.88	4061.61	519.76	107.57
7/12/78	37.59	36.11	1.06	.42	4726.47	4097.72	520.83	107.99
7/13/78	20.09	20.09	.00	.00	4746.56	4117.81	520.83	107.99
7/14/78	30.24	26.50	2.17	1.57	4776.80	4144.31	523.00	109.56
7/15/78	40.04	32.22	6.77	1.05	4816.84	4176.53	529.77	110.61
PERIOD MEAN	30.68 M.T./DAY	92.5% OPILIO		5.8% BAIRDI	1.7% HYBRID			
SEASON MEAN	38.14 M.T./DAY	86.7% OPILIO		11.0% BAIRDI	2.3% HYBRID			

FOREIGN TANNER CRAB CATCH REPORT JUL-17-1978 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		
7/09/78	36.83	34.92	.64	1.27	4086.72	3430.88	484.94	170.95		
7/10/78	39.57	37.01	1.11	1.46	4126.30	3467.89	486.06	172.41		
7/11/78	31.19	30.02	.65	.53	4157.49	3497.91	486.70	172.93		
7/12/78	33.45	29.90	1.97	1.58	4190.94	3527.81	488.67	174.51		
7/13/78	41.73	35.65	3.56	2.52	4232.67	3563.47	492.23	177.03		
7/14/78	34.28	31.92	1.45	.91	4266.95	3595.39	493.68	177.94		
7/15/78	24.42	21.59	2.72	.12	4291.38	3616.98	496.40	178.06		
PERIOD MEAN	34.50	M.T./DAY			91.5%	OPILIO	5.0%	BAIRDI	3.5%	HYBRID
SEASON MEAN	33.99	M.T./DAY			84.1%	OPILIO	11.7%	BAIRDI	4.2%	HYBRID

FOREIGN TANNER CRAB CATCH REPORT JUL-17-1978 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				
7/09/78	60.09	1.01	1.41	62.51	10760.64	71.7			
7/10/78	100.08	8.67	2.26	111.01	10871.65	72.5			
7/11/78	89.54	7.58	1.73	98.85	10970.50	73.1			
7/12/78	91.34	6.94	3.00	101.27	11071.77	73.8			
7/13/78	79.12	7.58	3.08	89.77	11161.54	74.4			
7/14/78	74.71	5.66	2.85	83.22	11244.76	75.0			
7/15/78	76.04	10.94	1.49	88.47	11333.23	75.6			
PERIOD MEAN	90.73	M.T./DAY		89.9%	OPILIO	7.6%	BAIRDI	2.5%	HYBRID
SEASON MEAN	89.45	M.T./DAY		83.4%	OPILIO	13.1%	BAIRDI	3.5%	HYBRID

JAPANESE BERING SEA TANNER CRAB FISHERY 1/

I. 1978 catch through July 22 (metric tons)

	<u>Opilio</u>	<u>Bairdi</u>	<u>Hybrid</u>	<u>Total</u>
Factoryships <u>2/</u>	8,237.59 (85.7%)	1,069.98 (11.1%)	302.59 (3.2%)	9,610.04
Independent vessels <u>3/</u>	1,801.69 (87.9%)	468.65 (8.3%)	117.78 (3.8%)	2,388.09
Total	10,039.28 (83.7%)	1,538.63 (12.8%)	420.37 (3.5%)	11,998.13

II. Percent 1978 quota taken as of July 22

	<u>Catch</u>	<u>Quota</u>	<u>Percent</u>
Factoryships	9,610	11,728	80.1
Independent vessels	2,388	3,272	73.0
Total	11,998	15,000	80.0

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

Factoryships 4/ (134 days of fishing)

1977 <u>5/</u> (March 9-July 19)	9,750
1978 (March 12-July 22)	9,610

Independents 6/ (69 days of fishing)

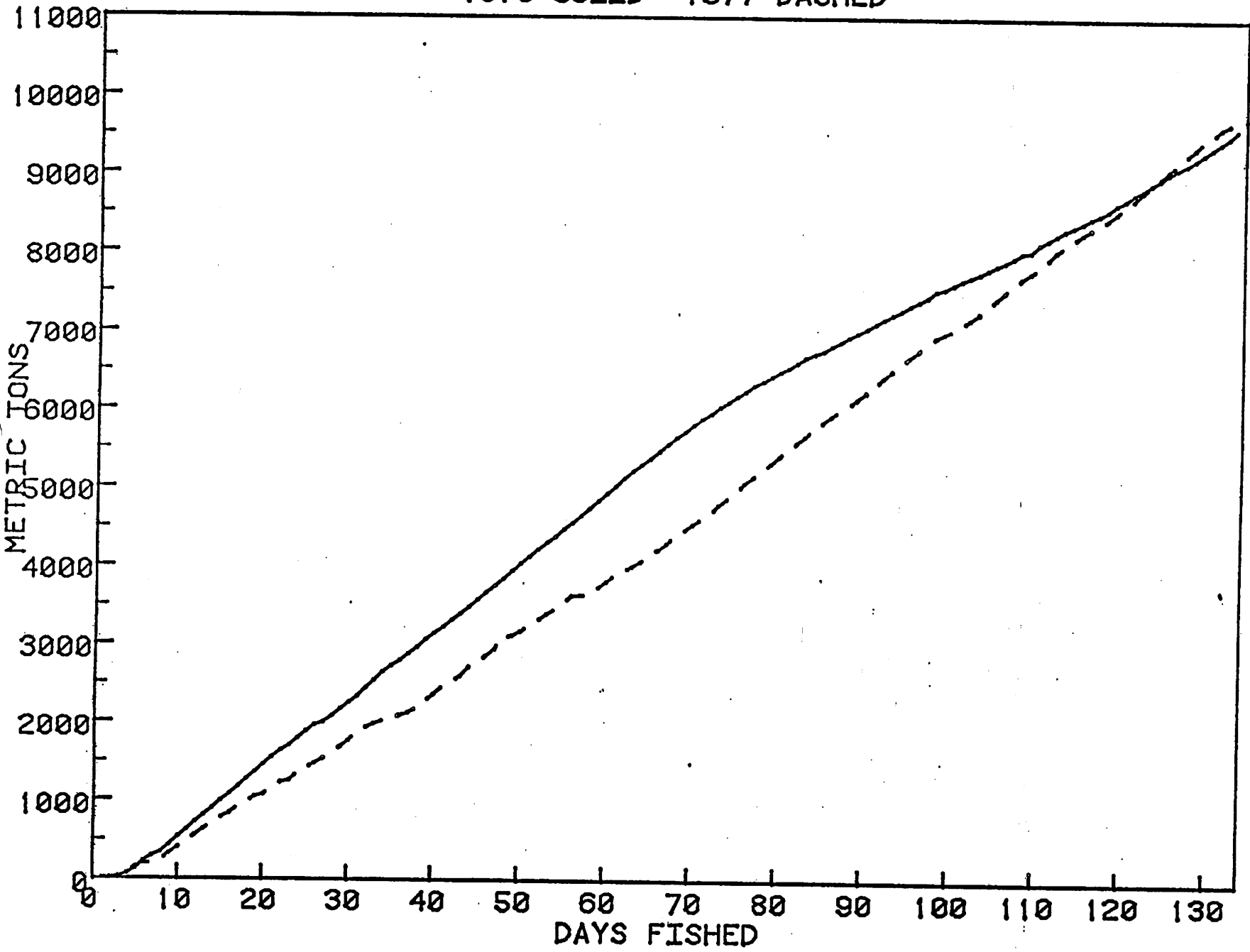
1977 (May 30-August 6)	2,540
1978 (May 16-July 22)	2,388

- 1/ Preliminary based on NMFS observer reports.
2/ Two factoryships each accompanied by six catcher vessels.
3/ Up to 11 vessels: 3 have filled their individual quotas and ended operations, 8 vessels continue fishing.
4/ Two factoryships each accompanied by six catcher vessels in 1977 and 1978.
5/ Factoryship fleets ended operations on July 19 in 1977.
6/ Up to 11 vessels in 1977 and 1978.

SEASON CATCH COMPARISON
JAPANESE TANNER CRAB : MOTHERSHIPS

NMFS, ALASKA REGION
MANAGEMENT OPERATIONS BRANCH
July 25, 1978

1978=SOLID 1977=DASHED

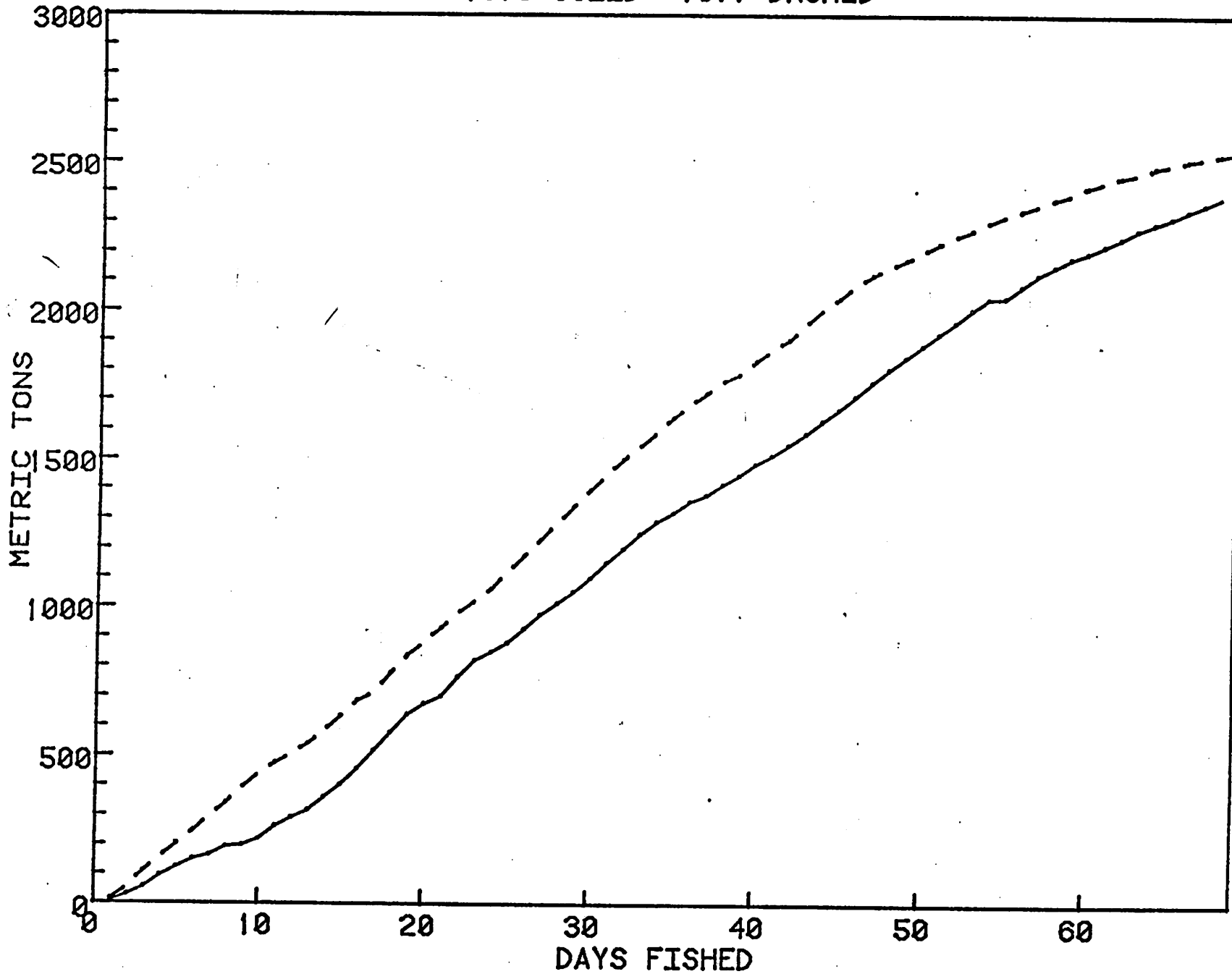


134 DAYS OF FISHING

SEASON CATCH COMPARISON
JAPANESE TANNER CRAB : INDEPENDENTS

NMFS, ALASKA REGION
MANAGEMENT OPERATIONS BRANCH
July 25, 1978

1978=SOLID 1977=DASHED



69 DAYS OF FISHING

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BERING SEA

JAPAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	9.5	479.0	1870	25.6
PACIFIC PERCH	13.7	372.7	3100	12.0
TANNER CRAB	635.2	11331.0	15000	75.5
OTHER SPECIES	620.6	18074.3	45415	39.8

SOUTH KOREA

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.0	0.0	200	0.0
PACIFIC PERCH	0.2	114.7	300	38.2
TANNER CRAB	0.0	0.0	0	0.0
OTHER SPECIES	14.7	230.0	2800	8.2

SOVIET UNION

SPECIES	WEEK ENDING 7/15/1978	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	0.0	202.5	11145	1.8

TAIWAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	0.5	0.9	65	1.4
PACIFIC PERCH	0.0	1.8	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	10.0	479.9	2400	20.0
PACIFIC PERCH	13.9	564.4	6500	8.7
TANNER CRAB	635.2	11331.0	15000	75.5
OTHER SPECIES	635.3	18506.8	59600	31.1

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ALEUTIAN ISLANDS

JAPAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SABLEFISH	31.4	455.7	1170	38.9
PACIFIC PERCH	330.0	3361.0	6200	54.2
OTHER SPECIES	917.8	9429.4	25900	36.4

SOUTH KOREA

SPECIES	WEEK ENDING 7/15/1978	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 7/15/1978	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 7/15/1978	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	31.4	455.7	1500	30.4
PACIFIC PERCH	330.0	3514.3	15000	23.4
OTHER SPECIES	917.8	9517.9	34000	28.0

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BERING SEA AND ALEUTIAN ISLANDS

JAPAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	163.3	3854.6	9870	39.1
YELLOWFIN SOLE	302.1	11314.0	63900	17.7
FLOUNDER	1934.0	38069.7	83800	45.4
POLLOCK	34971.0	309458.2	792300	39.1
PACIFIC COD	1024.9	15321.4	38850	39.4
ATKA MACKEREL	14.9	535.6	2000	26.8
HERRING	2.1	342.8	2580	13.3
SNAILS	112.6	747.2	3000	24.9

SOUTH KOREA

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.5	18.7	50	37.4
YELLOWFIN SOLE	0.1	13.7	100	13.7
FLOUNDER	0.0	16.3	100	16.3
POLLOCK	1364.7	33101.3	60000	55.2
PACIFIC COD	0.5	61.8	100	61.8
ATKA MACKEREL	1.6	12.1	100	12.1
HERRING	0.0	1.1	20	5.5
SNAILS	0.0	0.0	0	0.0

BERING SEA AND ALEUTIAN ISLANDS (Continued)

SOVIET UNION

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	20.2	70	28.9
YELLOWFIN SOLE	0.0	2662.2	41950	6.3
FLOUNDER	0.0	3794.1	55050	6.9
POLLOCK	0.0	74664.3	92700	80.5
PACIFIC COD	0.0	126.0	17500	0.7
ATKA MACKEREL	0.0	20840.8	22600	92.2
HERRING	0.0	3447.7	6060	56.9
SNAILS	0.0	0.0	0	0.0

TAIWAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.3	1.6	10	16.0
YELLOWFIN SOLE	0.0	0.7	50	1.4
FLOUNDER	0.4	3.6	50	7.2
POLLOCK	130.4	1041.6	5000	20.8
PACIFIC COD	0.3	10.2	50	20.4
ATKA MACKEREL	0.0	0.3	100	0.3
HERRING	0.0	0.0	10	0.0
SNAILS	0.0	0.0	0	0.0

TOTAL FOREIGN EFFORT

SPECIES	CATCH THIS PERIOD	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	164.1	3895.1	10000	39.0
YELLOWFIN SOLE	302.2	13990.6	106000	13.2
FLOUNDER	1934.4	41883.7	139000	30.1
POLLOCK	36466.1	418265.4	950000	44.0
PACIFIC COD	1025.7	15519.4	56500	27.5
ATKA MACKEREL	16.5	21388.8	24800	86.2
HERRING	2.1	3791.6	8670	43.7
SNAILS	112.6	747.2	3000	24.9

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 GULF OF ALASKA

JAPAN

SPECIES	WEEK ENDING 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	1.9	5.4	30	18.0
FLOUNDER	499.3	7411.7	15800	46.9
POLLOCK	780.6	12205.4	28800	42.4
PACIFIC COD	194.2	1667.0	6200	26.9
SABLEFISH	96.4	3101.1	6950	44.6
ATKA MACKEREL	63.5	461.3	2000	23.1
PACIFIC PERCH	162.9	2467.1	4650	53.1
ROCKFISH	40.2	417.9	1000	41.8
OTHER SPECIES	125.2	1336.3	4030	33.2

MEXICO

SPECIES	WEEK ENDING 7/15/1978	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 7/15/1978	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 7/15/1978	CATCH TO DATE	FCMA 1978 ALLOCATION	PERCENT TAKEN
SQUID	0.0	0.7	20	3.5
FLOUNDER	0.0	11.5	100	11.5
POLLOCK	225.2	2570.7	19870	12.9
PACIFIC COD	1.2	8.2	100	8.2
SABLEFISH	20.0	165.1	800	20.6
ATKA MACKEREL	0.0	1.3	100	1.3
PACIFIC PERCH	12.1	90.4	3203	2.8
ROCKFISH	0.0	4.1	675	0.6
OTHER SPECIES	0.0	14.5	1535	0.9

SOVIET UNION

SPECIES	WEEK ENDING 7/15/1978	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	1.9	6.1	855	0.7
FLOUNDER	499.3	7843.2	17600	44.6
POLLOCK	1005.8	55867.7	107340	52.0
PACIFIC COD	195.4	2838.9	12980	21.9
SABLEFISH	116.4	3270.2	8000	40.9
ATKA MACKEREL	63.5	18065.6	24800	72.8
PACIFIC PERCH	175.0	3203.6	17304	18.5
ROCKFISH	40.2	422.0	4079	10.3
OTHER SPECIES	125.2	1685.8	12960	13.0



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NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

7 INDEPENDENT VESSELS

DATE	DAILY CATCH(M.T.)				ACCUMULATIVE CATCH(M.T.)				
	TOTAL	OPILIO	BAIRDI	HYBRID	TOTAL	OPILIO	BAIRDI	HYBRID	
7/16/78	25.39	23.80	1.11	.48	2250.40	1682.11	456.18	112.14	
7/17/78	28.99	27.83	.83	.32	2279.39	1709.93	457.01	112.47	
7/18/78	20.70	17.76	2.26	.68	2300.09	1727.69	459.27	113.15	
7/19/78	18.74	17.02	1.57	.16	2318.83	1744.71	460.84	113.31	
7/20/78	23.64	18.77	2.51	2.36	2342.47	1763.48	463.35	115.67	
7/21/78	21.53	18.27	2.08	1.18	2364.00	1781.76	465.43	116.84	
7/22/78	24.09	19.93	3.22	.94	2388.09	1801.69	468.65	117.78	
PERIOD MEAN	23.30	M.T./DAY		87.9%	OPILIO	8.3%	BAIRDI	3.8%	HYBRID
SEASON MEAN	35.02	M.T./DAY		75.6%	OPILIO	19.5%	BAIRDI	4.9%	HYBRID

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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	
7/16/78	31.88	26.67	2.69	2.52	4848.72	4203.20	532.46	113.13	
7/17/78	33.40	28.51	3.44	1.45	4882.12	4231.70	535.90	114.58	
7/18/78	38.65	36.97	.65	1.04	4920.77	4268.67	536.55	115.62	
7/19/78	38.53	37.13	1.40	.00	4959.30	4305.80	537.94	115.62	
7/20/78	40.05	37.58	1.73	.74	4999.35	4343.39	539.67	116.35	
7/21/78	39.95	39.41	.17	.37	5039.30	4382.80	539.84	116.72	
7/22/78	46.65	46.49	.16	.00	5085.95	4429.29	540.00	116.72	
PERIOD MEAN	38.44	M.T./DAY		93.9%	OPILIO	3.8%	BAIRDI	2.3%	HYBRID
SEASON MEAN	38.29	M.T./DAY		87.2%	OPILIO	10.5%	BAIRDI	2.3%	HYBRID

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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		
7/16/78	25.47	15.02	9.17	1.29	4316.85	3631.99	505.56	179.35		
7/17/78	23.77	11.30	10.30	2.17	4340.62	3643.30	515.86	181.52		
7/18/78	33.91	24.01	9.18	.71	4374.53	3667.31	525.04	182.23		
7/19/78	36.72	33.88	1.50	1.34	4411.25	3701.19	526.55	183.57		
7/20/78	29.14	27.80	.53	.81	4440.39	3728.99	527.08	184.38		
7/21/78	35.67	31.92	2.90	.86	4476.06	3760.90	529.98	185.24		
7/22/78	48.02	47.39	.00	.63	4524.09	3808.30	529.98	185.87		
PERIOD MEAN	33.24	M.T./DAY			82.2%	OPILIO	14.4%	BAIRDI	3.4%	HYBRID
SEASON MEAN	34.18	M.T./DAY			84.4%	OPILIO	11.5%	BAIRDI	4.1%	HYBRID

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NMFS MANAGEMENT OPERATIONS BRANCH, JUNEAU AK.

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

DATE	DAILY			ACCUMULATIVE		% OF QUOTA			
	OPILIO	BAIRDI	HYBRID	TOTAL	TOTAL				
7/16/78	65.48	12.97	4.29	82.74	11415.97	76.1			
7/17/78	67.64	14.57	3.95	86.16	11502.13	76.7			
7/18/78	78.74	12.09	2.43	93.26	11595.39	77.3			
7/19/78	88.03	4.47	1.50	93.99	11689.38	77.9			
7/20/78	84.15	4.77	3.91	92.83	11782.21	78.5			
7/21/78	89.60	5.14	2.41	97.15	11879.36	79.2			
7/22/78	113.82	3.38	1.57	118.76	11998.13	80.0			
PERIOD MEAN	94.99	M.T./DAY		88.4%	OPILIO	8.6%	BAIRDI	3.0%	HYBRID
SEASON MEAN	90.46	M.T./DAY		83.9%	OPILIO	12.6%	BAIRDI	3.5%	HYBRID