



MONTHLY SUMMARY OF
FOREIGN FISHING ACTIVITIES OFF ALASKA
OCTOBER 1977

A total of 339 individual foreign fishing and associated support ships (45 Soviet, 272 Japanese, 21 South Korean, and 1 Polish) engaged in fisheries off of Alaska during October. This was a decrease of 15 from the previous month and an increase of 58 from October 1976.

SOVIET ACTIVITIES

The 45 individual Soviet vessels included 38 stern trawlers, 3 refrigerated transports, 2 tankers, 1 cargo vessel, and 1 patrol vessel. This was an increase of 28 from the previous month and an increase of three from October 1976.

POLLOCK FISHERY

The Soviet effort for pollock in October occurred in the western and central Gulf of Alaska and in the central Bering Sea. In the Gulf of Alaska, 20 stern trawlers supported by two refrigerated transports, one cargo vessel, and one tanker divided their effort between the 100-fathom edge south of the Shumagin Islands and along Albatross Bank south of Kodiak. In the northern central Bering Sea, 18 stern trawlers supported by one refrigerated transport and one cargo vessel fished from the International Date Line south along the Continental Shelf edge. The Bering Sea pollock fishery also contains a bi-catch of herring.

JAPANESE ACTIVITIES

The 272 individual Japanese vessels engaged in fisheries off Alaska included 19 refrigerated transports, 16 Danish seiners, 45 pair trawlers, 137 medium stern trawlers, 20 large stern trawlers, 21 longliners, 4 cargo vessels, 3 tankers, 5 factory ships, 1 snail pot vessel, and 1 patrol vessel. This represents a decrease of 51 from the previous month and an increase of 85 from October 1976.

GROUND FISH TRAWL FISHERY

The Japanese groundfish effort continued in October in the Gulf of Alaska, Bering Sea, and along the Aleutians. The greatest fishing activity was in the Bering Sea. In the central Bering Sea 101 independent stern trawlers with their support vessels operated along the 100-fathom edge, while in the eastern Bering Sea 20 independent stern trawlers with their support vessels fished along the 100-fathom edge north

of Unimak Pass. The Bering Sea groundfish effort decreased significantly during the first week of October, when 60 independent stern trawlers departed for Japan.

In the Gulf of Alaska, 12 independent stern trawlers, with one refrigerated transport, fished along the Continental Shelf edge from Albatross Bank off Kodiak Island to the area off southeast Alaska.

A minor effort occurred along the Aleutians where 10 independent stern trawlers fished during October.

POLLOCK FISHERY

Four factory ship fleets, with a total of 75 vessels, fished for pollock along the 100-fathom edge in the southeastern Bering Sea. By month's end only two factory ship fleets remained in the area.

FLOUNDER FISHERY

One factory ship fleet continued fishing primarily for flounder southeast of the Pribilof Islands.

SABLEFISH FISHERY

Twenty one longline vessels fished for sablefish off the Alaskan coast in October. In the Gulf of Alaska, four longliners fished the southeast grounds, four fished the Yakutat grounds, two fished Albatross Bank, and one fished, for a brief time, off the Shumagin Islands. Seven longliners fished off the central Aleutians. In the Bering Sea, two vessels operated along the 100-fathom edge south of the Pribilof Islands and one vessel fished the central Bering Sea.

SNAIL FISHERY

One snail pot vessel continued fishing during early October in the central Bering Sea. It departed during mid-month.

SOUTH KOREAN ACTIVITIES

During October, 21 Korean vessels operated off Alaskan waters. This represents an increase of eight from the previous month and a decrease of 27 from October 1976.

SABLEFISH FISHERY

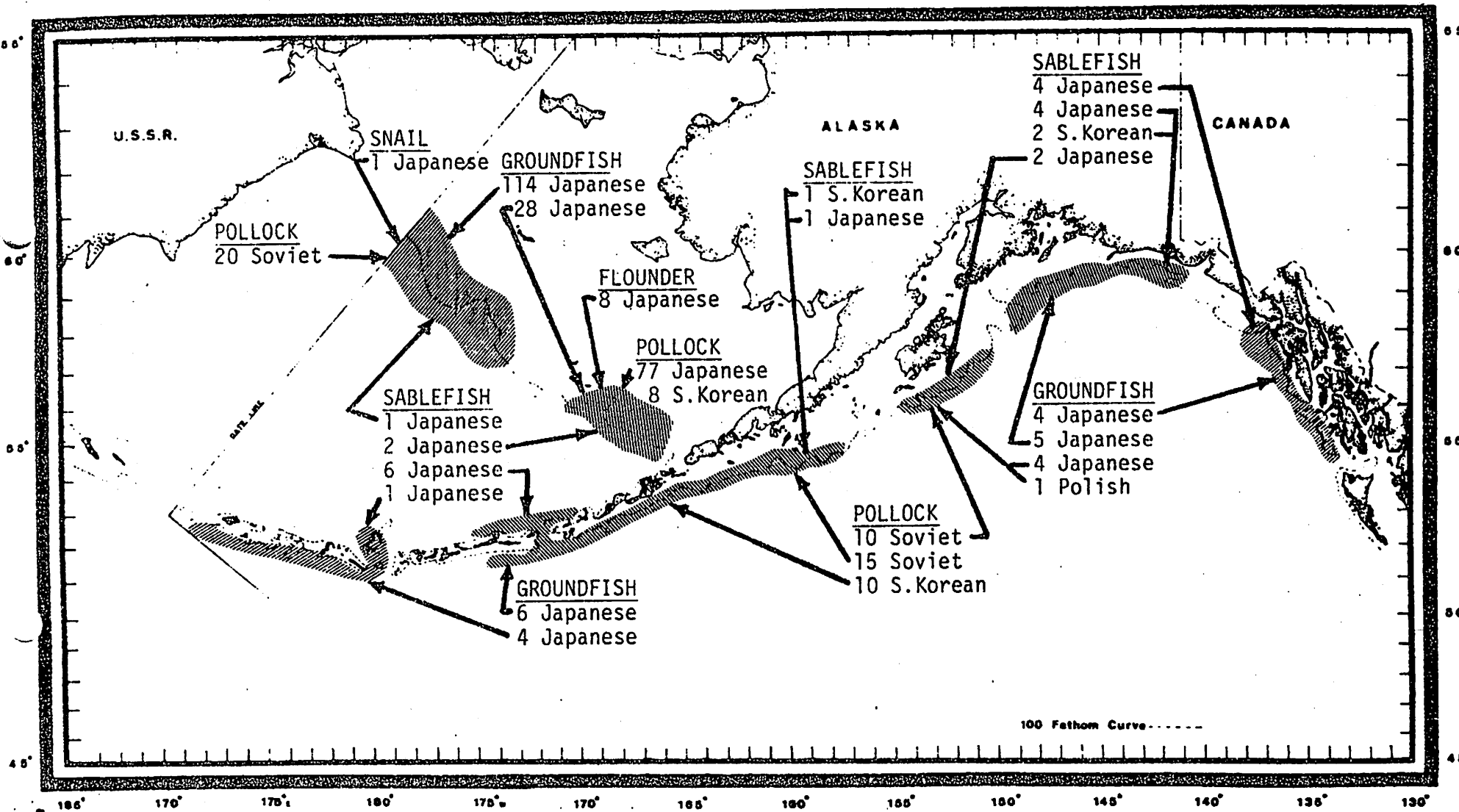
Two longline vessels operated in the Gulf of Alaska and one fished for brief periods south of Unimak Pass and along the 100-fathom edge in the eastern Bering Sea. By month's end one longliner remained fishing on the Yakutat grounds.

POLLOCK FISHERY

The pollock fishery contained 15 independent stern trawlers supported by three refrigerated transports. Nine trawlers operated in the western Gulf of Alaska southwest of Unimak Pass and six trawlers fished the southeast Bering Sea north of Unimak Pass.

POLISH ACTIVITIES

During the last week in October one Polish stern trawler started fishing in the area of Kodiak Island.



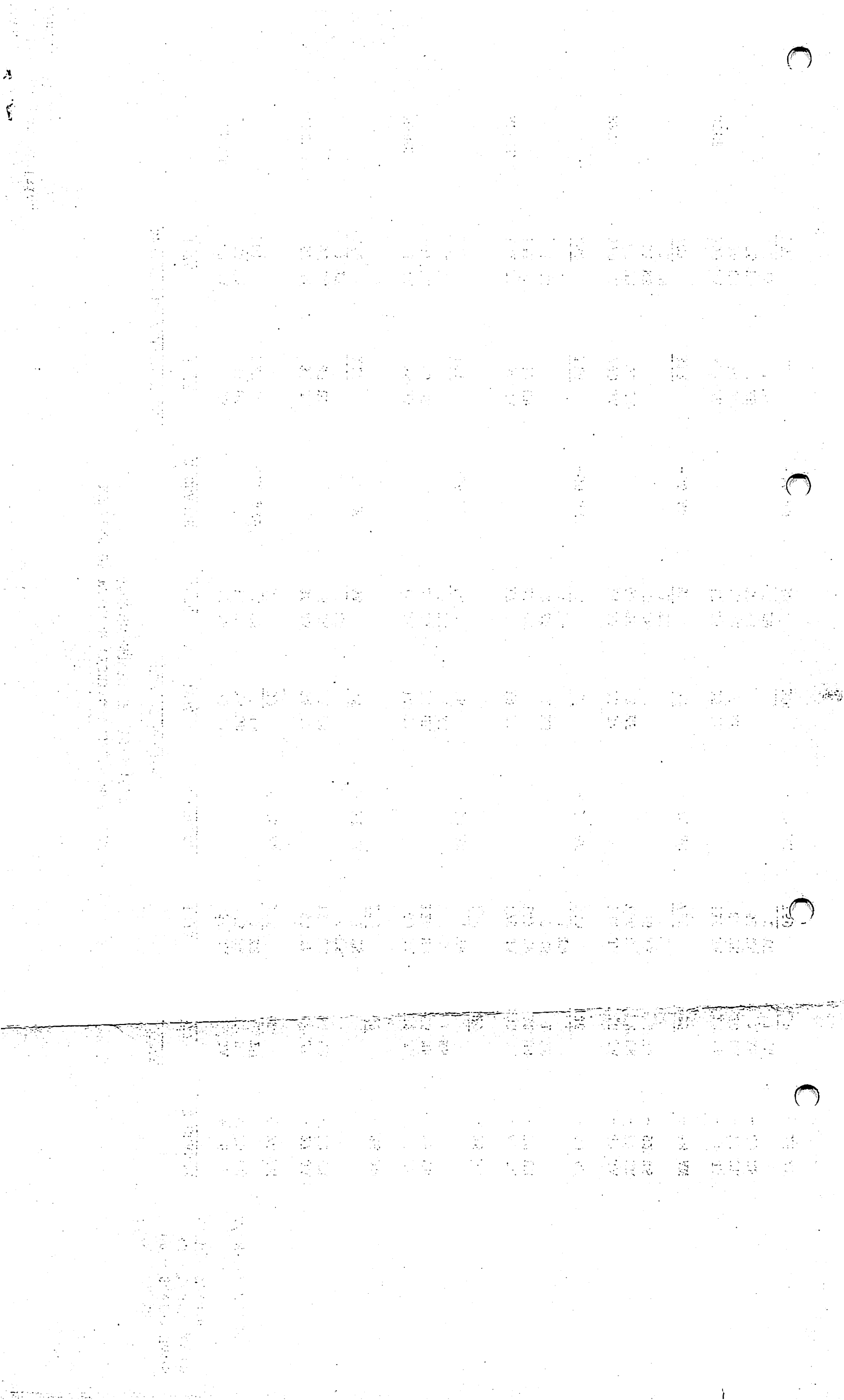
Foreign fishing off Alaska, October, 1977 by country, number of vessels, principle fishing grounds and species fished

NUMBERS OF FOREIGN FISHING VESSELS OFF ALASKA
JANUARY-NOVEMBER 1976-1977

	<u>BERING SEA-ALEUTIAN IS.</u>			<u>GULF OF ALASKA</u>			<u>TOTAL</u>		
	<u>1976</u>	<u>1977</u>	<u>% CHANGE</u>	<u>1976</u>	<u>1977</u>	<u>% CHANGE</u>	<u>1976</u>	<u>1977</u>	<u>% CHANGE</u>
JANUARY	47 JA ^{1/} 54 UR <u>101</u>	45 JA 82 UR <u>127</u>	+26 AN ^{2/}	17 JA 19 UR 1 KS <u>37</u>	23 JA 15 UR 1 TW <u>39</u>	+ 15 AN	64 JA 73 UR 1 KS <u>138</u>	68 JA 97 UR 1 TW <u>166</u>	+ 6 JA + 33 UR + 20 AN
FEBRUARY	57 JA 95 UR 1 TW <u>153</u>	34 JA 83 UR <u>117</u>	-24 AN	36 JA 26 UR 4 KS <u>66</u>	34 JA 11 UR <u>45</u>	- 32 AN	93 JA 121 UR 4 KS 1 TW <u>219</u>	68 JA 94 UR <u>162</u>	- 27 JA - 22 UR - 26 AN
MARCH	51 JA 101 UR 1 TW <u>153</u>	58 JA 43 UR <u>101</u>	-34 AN	18 JA 25 UR 3 KS <u>46</u>	14 JA 13 UR 1 KS <u>28</u>	- 39 AN	69 JA 126 UR 3 KS 1 TW <u>199</u>	72 JA 56 UR 1 KS <u>129</u>	+ 4 JA - 56 UR - 35 AN
APRIL	162 JA 121 UR 1 KS <u>284</u>	84 JA 32 UR <u>116</u>	-59 AN	17 JA 26 UR 2 KS 1 TW <u>46</u>	19 JA 1 KS <u>20</u>	- 56 AN	179 JA 147 UR 3 KS 1 TW <u>330</u>	103 JA 32 UR 1 KS <u>136</u>	- 42 JA - 78 UR - 59 AN
MAY	570 JA 100 UR 36 KS 1 TW <u>707</u>	290 JA 22 UR <u>312</u>	-56 AN	14 JA 66 UR 2 KS 1 TW <u>83</u>	20 JA 3 KS <u>23</u>	- 72 AN	584 JA 166 UR 38 KS 2 TW <u>790</u>	310 JA 22 UR 3 KS <u>335</u>	- 47 JA - 87 UR - 92 KS - 58 AN
JUNE	599 JA 76 UR 25 KS 1 TW <u>701</u>	577 JA 20 UR 2 KS 1 TW <u>600</u>	-14 AN	17 JA 12 UR 28 KS 1 TW <u>58</u>	35 JA 4 KS <u>39</u>	- 33 AN	616 JA 88 UR 53 KS 2 TW <u>759</u>	612 JA 20 UR 6 KS 1 TW <u>639</u>	- 1 JA - 77 UR - 89 KS - 16 AN

^{1/} JA - Japan
UR - Soviet Union
KS - South Korean
TW - Taiwan

^{2/} AN-ALL NATIONS

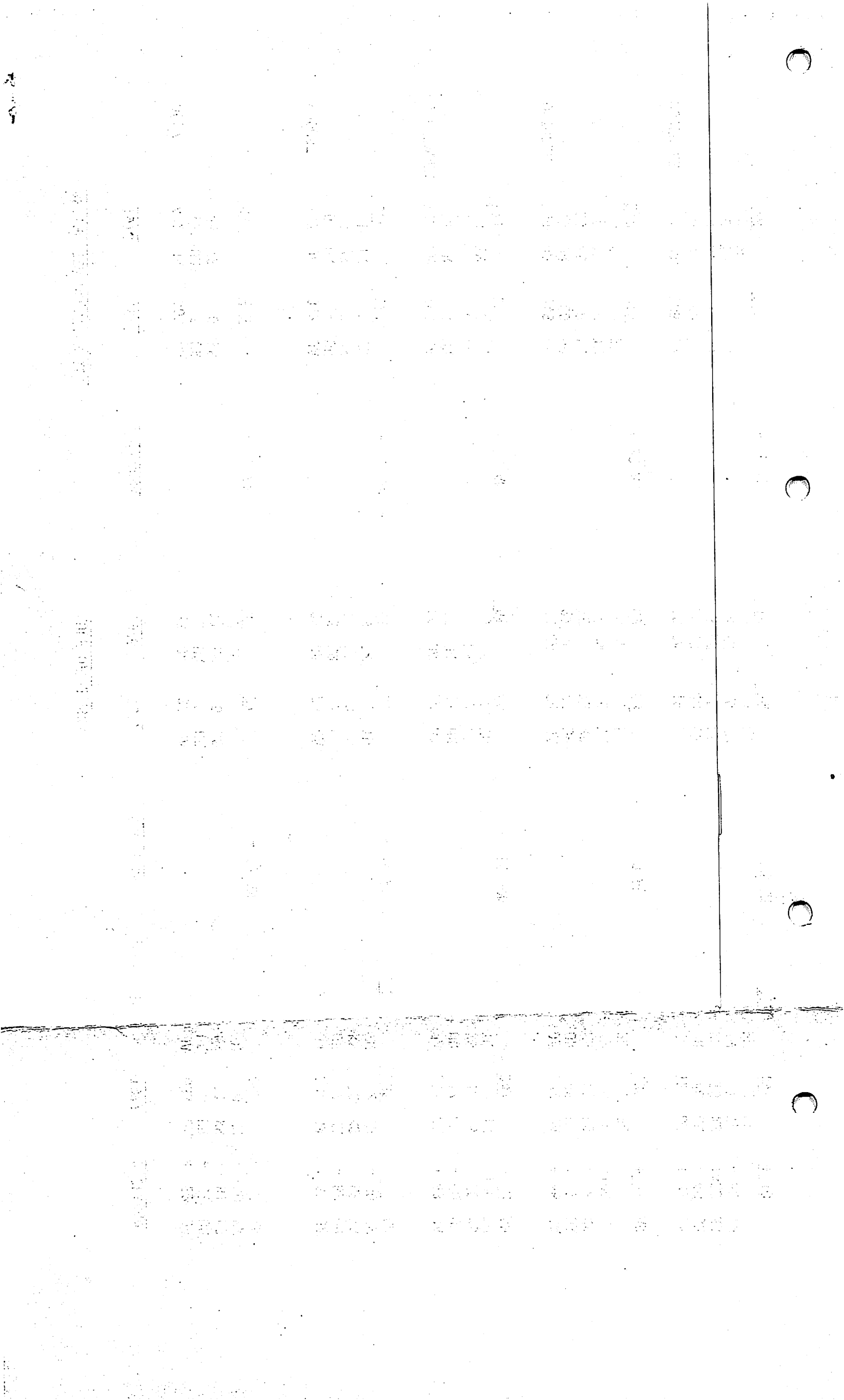


BERING SEA-ALEUTIAN IS.

GULF OF ALASKA

TOTAL

	<u>1976</u>			<u>1977</u>			<u>% Change</u>	<u>1976</u>			<u>1977</u>			<u>% Change</u>
JULY	492	JA	603	JA	25	JA	30	JA	517	JA	633	JA	+ 22	JA
	93	UR	6	UR	3	UR	2	UR	96	UR	8	UR	- 92	UR
	46	KS	6	KS	11	KS	5	KS	57	KS	11	KS	- 81	KS
					3	TW			3	TW	0	KW	- 100	KW
	<u>631</u>		<u>615</u>		<u>42</u>		<u>37</u>		<u>673</u>		<u>652</u>		- 3	AN
AUGUST	197	JA	312	JA	22	JA	25	JA	217	JA	337	JA	+ 55	JA
	60	UR	-	UR	6	UR	7	UR	66	UR	7	UR	- 89	UR
	46	KS	7	KS	10	KS	3	KS	56	KS	10	KS	- 82	KS
	1	TW	2	TW	3	TW	0	TW	4	TW	2	TW	- 50	TW
	<u>304</u>		<u>321</u>		<u>41</u>		<u>35</u>		<u>343</u>		<u>356</u>		+ 4	AN
SEPTEMBER	196	JA	293	JA	26	JA	24	JA	222	JA	317	JA	+ 43	JA
	25	UR	4	UR	17	UR	13	UR	42	UR	17	UR	- 60	UR
	50	KS	6	KS	4	KS	7	KS	54	KS	13	KS	- 76	KS
	0	TW	0	TW	4	TW	0	TW	4	TW	0	TW	-100	TW
	<u>271</u>		<u>303</u>		<u>51</u>		<u>44</u>		<u>322</u>		<u>347</u>		+ 8	AN
OCTOBER	164	JA	248	JA	23	JA	24	JA	187	JA	272	JA	+ 45	JA
	15	UR	20	UR	27	UR	25	UR	42	UR	45	UR	+ 7	UR
	33	KS	8	KS	15	KS	13	KS	48	KS	21	KS	- 56	KS
	0	TW	0	TW	4	TW	0	TW	4	TW	0	TW	-100	TW
	0	PL	0	PL	0	PL	1	PL	0	PL	1	PL		
	<u>212</u>		<u>276</u>		<u>69</u>		<u>63</u>		<u>281</u>		<u>339</u>		+ 21	AN
NOVEMBER	71	JA	105	JA	18	JA	19	JA	89	JA	124	JA	+ 39	JA
	55	UR	20	UR	25	UR	28	UR	80	UR	48	UR	- 40	UR
	0	KS	11	KS	3	KS	5	KS	3	KS	16	KS	+433	KS
	0	TW	1	TW	2	TW	0	TW	2	TW	1	TW	- 50	TW
	0	PL	0	PL	0	PL	2	PL	0	PL	2	PL		
	<u>126</u>		<u>137</u>		<u>48</u>		<u>54</u>		<u>174</u>		<u>191</u>		+ 10	



SPECIES/AREA	JAN-FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TO DATE	ALLOCATION	BALANCE
POLLOCK											
Bering Sea/Aleutians	24,786.0	15,401.1	13,165.9	39,830.1	99,757.9	156,797.2	143,950.6	133,980.6	627,669.4	792,300	164,630.6
Gulf of Alaska	2,304.0	329.0	563.1	1,632.3	2,577.4	2,797.0	3,431.7	2,646.1	16,280.6	44,100	27,819.4
SABLEFISH											
Bering Sea	122.7	32.2	9.0	157.4	197.6	344.9	266.8	272.6	1,403.2	3,600	2,196.8
Aleutians	59.5	79.5	86.8	98.6	192.8	292.9	110.8	346.5	1,267.4	2,000	732.6
Gulf of Alaska-SE	816.5	274.5	194.6	426.4	530.8	289.5	256.6	125.1	2,914.0	3,750	836.0
Gulf of Alaska-C & W	1,390.0	374.6	268.3	846.0	1,411.6	1,139.4	866.3	1,217.5	7,513.7	10,150	2,636.3
PACIFIC COD											
Bering Sea/Aleutians	1,286.0	504.9	538.1	3,101.0	5,000.5	4,864.2	4,997.5	6,252.1	26,544.3	38,100	11,555.7
Gulf of Alaska	118.0	1.2	10.6	71.3	118.4	152.8	90.7	58.1	621.1	1,600	978.9
FLATFISH											
Bering Sea/Aleutians	12,339.0	2,654.2	3,866.2	9,226.2	13,248.6	6,805.4	8,575.2	15,822.0	72,536.8	123,600 1/	51,063.2
Gulf of Alaska	1,034.0	483.3	990.3	1,321.0	1,537.4	1,795.9	1,874.7	1,674.6	10,711.2	18,700	7,988.8
HERRING											
Bering Sea/Aleutians	1,277.0	796.0	518.5	629.5	17.9	35.4	359.8	467.8	4,101.9	5,800	1,698.1
SQUID											
Bering Sea/Aleutians	123.0	34.9	70.1	511.3	1,493.3	1,435.4	999.8	1,819.6	6,487.4	10,000	3,512.6
SNAILS											
Bering Sea/Aleutians	0	0	0	0	85.0	98.0	110.0	74.0	367.0	2,700	2,333.0
TANNER CRAB											
Bering Sea									12,471.3	12,500	28.7

SPECIES/AREA	JAN-FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TO DATE	ALLOCATION	BALANCE
PACIFIC OCEAN PERCH											
Bering Sea 2/	50.0	11.2	7.2	215.3	203.8	348.1	873.6	777.2	2,486.4	2,800	> 313.6
Aleutians	37.0	15.9	383.6	1,066.7	1,357.2	1,654.4	233.4	380.6	5,128.8	6,500	1,371.2
Gulf of Alaska	2,777.0	1,431.7	1,009.2	2,061.8	1,637.5	1,802.5	1,643.1	1,137.1	13,499.9	19,800	6,300.1
OTHER ROCKFISH											
Gulf of Alaska	693.6	71.5	157.6	266.6	227.9	253.7	130.4	52.2	1,853.5	2,700	846.5
OTHER GROUND FISH											
Bering Sea 3/	1,002.4	56.6	83.4	1,363.8	10,176.7	6,096.8	3,404.5	5,843.4	28,027.6	40,400	< 12,372.4
Aleutians	174.0	4.2	163.9	1,891.7	7,964.0	4,811.7	1,212.3	1,536.9	17,758.7	23,100	5,341.3
Gulf of Alaska	905.3	92.4	143.9	230.8	202.0	279.5	239.9	243.5	2,337.3	4,200	1,862.7
1/ 123,600 m.t. includes 61,500 m.t. of Yellowfin Sole and 62,100 m.t. of "other" flounders.											
2/ Includes "other" rockfish in addition to Pacific Ocean Perch—2,800 m.t. allocation is for Pacific Ocean Perch only											
3/ Does not include "other" rockfish—40,400 m.t. allocation includes "other" groundfish as well as "other" rockfish											

SPECIES/AREA	JAN-FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TO DATE	ALLOCATION	BALANCE
POLLOCK											
Bering Sea/Aleutians	23,675.0	2,606.5	6,355.7	8,355.0	5,265.0	351.0	0		46,608.2	112,700	66,091.8
Gulf of Alaska	2,241.0	654.2	0	0	741.0	1,760.0	3,975.0		9,371.2	63,100	53,728.8
PACIFIC COD											
Bering Sea/Aleutians	86.0	8.2	88.5	78.0	17.0	0	0		277.7	17,200	16,922.3
Gulf of Alaska	234.0	21.0	0	0	15.0	8.0	113.0	134.0	525.0	600	75.0
YELLOWFIN SOLE											
Bering Sea/Aleutians	0	0	127.7	0	0	0	0		127.7	40,800	40,672.3
OTHER FLOUNDERS											
Bering Sea/Aleutians	170.0	920.0	2,745.9	31.0	0	0	0		3,866.9	40,400	36,533.1
FLOUNDERS											
Gulf of Alaska	82.0	8.1	0	0	0	4.0	29.0		123.1	1,800	1,676.9
HERRING											
Bering Sea/Aleutians	8,257.0	0	0	0	0	0	0		8,257.0	13,600	5,343.0
ROCKFISH ^{1/}											
Bering Sea	0	0	5.0	0	0	0	0		5.0	3,500	3,495.0
Aleutians	10.0	12.4	0	149.5	614.0	0	0		785.9	8,100	7,314.1
Gulf of Alaska	103.0	235.5	0	0	31.0	35.0	170.5		575.0	9,900 ^{2/}	9,325.0
ATKA MACKEREL											
Gulf of Alaska	5,658.0	34.3	0	0	0	0	0		5,692.3	21,000	15,307.7
OTHER GROUND FISH											
Bering Sea	0	0	589.7	24.0	0	0	0		613.7	17,400	16,786.3
Aleutians	9,743.0	2,395.6	2,536.3	4,346.0	6,611.0	0	0	0	25,631.9	9,900	-15,731.9
Gulf of Alaska	439.0	14.8	0	0	0	4.0	22.0		479.8	11,800	11,320.2
SABLEFISH											
Bering Sea	0	0	0	0	0	0	0	0	0	600	600
Aleutians	0	0	0	0	0	0	0	0	0	200	200
Gulf of Alaska	0	0	0	0	0	1.0	2.0		3.0	0	-
Includes Pacific Ocean perch											

2/ Includes 8,700 m.t. of Pacific Ocean perch and 1,200 m.t. of "other" rockfish

TAIWAN - Statistics incomplete
Catch Thru
June

	Catch Thru June	Allocation	Balance
Sablefish			
BS	21	200	179
Pollock			
BS/A	422	5,000	4,578
Other Groundfish			
BS	38	200	162

Catch and Effort data is not available for August and September.