

E-1

GROUND FISH
GULF OF ALASKA
1979 CUMULATIVE DOMESTIC LANDINGS

Reporting Period: Dec. 1978 - Oct. 1979
Landings Thru August 31, 1979

<u>Species</u>	<u>DAH</u>	<u>Landings</u>	
		<u>Metric Tons</u>	<u>Pounds</u>
Pollock	(14,200 mt)	1,997.8	4,403,151
Flounder	(7,200 mt)	771.3	1,700,827
Cod	(15,500 mt)	906.2	1,997,264
Pacific Ocean Perch Rockfish	(3,100 mt)	266.1	586,484
Sablefish	(4,000 mt)	1,618.7	3,567,614
Atka Mackerel	0	7.9	17,500
Squid	0	0	0
Other	(500 mt)	79.1	174,336
Unspecified		284.3	626,597
TOTAL		5,931.8	13,073,687

Alaska Department of Fish and Game
Division of Commercial Fisheries
Juneau, Alaska 99801
20 September 1979

GROUND FISH
BERING SEA/ALEUTIAN ISLANDS
1979 CUMULATIVE DOMESTIC LANDINGS

Reporting Period: Feb. 1979 - Dec. 1979
Landings Thru August 31, 1979

<u>Species</u>	<u>Pounds</u>	<u>Landings</u>	<u>Metric Tons</u>
Pacific Cod	1,251,941		568.0
Yellowfin Sole	0		
Other Flounders	0		
Pollock	0		
Pacific Ocean Perch	0		
Sablefish	0		
Other	0		
Unspecified	59,475		27.0
Total	1,311,416		595.0

Alaska Department of Fish and Game
Division of Commercial Fisheries
Juneau, Alaska 99801
20 September 1979

GULF OF ALASKA ROUND FISH - ALL AREAS
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979

METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 14,200	9.2	0.9	306.2	883.9	423.9	36.9	28.7	105.2	202.9			1,997.8
Cod DAH= 15,500	90.6	46.2	44.3	115.6	196.6	264.5	78.5	20.8	49.1			906.2
Flounder DAH= 7,200	448.9	190.7	46.0	75.0	8.4	2.2	0.5	T	0			771.7
Pacific Ocean Perch DAH= 1,100							0					
Other Rockfish DAH= 2,000	0.2	0.5	0.7	60.5	72.2	20.3	42.0	35.2	34.5			266.1
Sablefish DAH= 4,000	0.4	0	0.7	12.3	161.6	357.4	257.3	365.0	464.0			1,618.7
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	7.9	0			7.9
Squid DAH= 0	0	0	0	0	0	0	0	0	0			0
Other DAH=500	11.1	6.1	9.0	9.2	8.1	3.3	16.5	11.0	4.8			79.1
Unspecified	4.9	20.2	31.3	103.4	89.0	3.3	2.8	8.0	21.4			284.3
Total	565.3	264.6	438.2	1,259.9	959.8	687.9	426.3	553.1	776.7			5,931.8

Alaska Department of Fish and Game
 20 September 1979

GULF OF ALASKA GROUND FISH - SOUTHEAST
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979

METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 300	1.8	0.6	217.1	262.9	0.1	0	T	0	0			482.5
Cod DAH= 700	0.2	0.5	7.4	34.1	11.8	6.9	37.4	9.1	1.1			108.5
Flounder DAH= 400	440.5	186.3	42.0	48.5	0.1	0	0.4	0	0			717.8
Pacific Ocean Perch DAH= 300												
Other Rockfish DAH= 800	0.2	0.5	0.7	8.8	21.2	20.2	36.6	31.0	28.7			147.9
Sablefish DAH= 3,000	0.4	0	0	7.6	139.9	357.4	220.8	330.7	300.1			1,356.9
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	0	0			0
Squid DAH= 0	0	0	0	0	0	0	0	0	0			0
Other DAH= Trace	5.2	0	T	3.1	1.7	3.0	11.7	6.0	4.1			34.8
Unspecified	4.0	19.4	18.9	49.1	T	0.3	0.7	2.0	1.1			95.5
Total	452.3	207.3	286.1	414.1	174.8	387.8	307.6	378.8	335.1			2,943.9

Alaska Department of Fish and Game
 20 September 1979

GULF OF ALASKA GROUND FISH - YAKUTAT
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979

METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 1,100	0	0	2.6	13.8	0	5.6	0	0	0			22.0
Cod DAH= 1,900	0	0	T	6.3	0	0	22.0	3.8	0.1			32.2
Flounder DAH= 1,400	0	0	0.2	7.2	0	0	0	0	0			7.4
Pacific Ocean Perch DAH= 400	0	0		24.8	0	0	0					
Other Rockfish DAH= 900	0	0	T	0.4	0	0	5.4	4.0	4.5			39.1
Sablefish DAH= 800	0	0	0	0.2	0	0	36.4	33.6	151.7			221.9
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	0	0			0
Squid DAH= 0	0	0	0	0	0	0	0					0
Other DAH= 100	0	0	0	1.0	0	0	0.8	1.3	0.1			3.2
Unspecified	0	0	5.5	0.4	0	0	0.1	1.3	T			7.3
Total	0	0	8.3	54.1	0	5.6	64.7	44.0	156.4			333.3

GULF OF ALASKA GROUND FISH - KODIAK
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979

METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 3,400	7.4	0.3	86.5	607.2	423.5	31.3	28.7	105.2	202.4			1,492.5
Cod DAH= 6,800	90.4	45.7	36.9	72.0	127.1	230.0	19.1	7.9	7.4			636.5
Flounder DAH= 2,600	8.4	4.4	3.8	19.3	8.0	2.0	0.1	T	0			46.0
Pacific Ocean Perch DAH= 200				24.8	49.4							
Other Rockfish DAH= 200	0	0	T	1.7	1.6	0.1	T	0.2	1.3			79.1
Sablefish DAH= 100	T	0	0.7	4.5	21.7	0	0.1	0.7	12.2			39.9
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	7.9	0			7.9
Squid DAH= 0	0	0	0	0	0	0	0	0	0			0
Other DAH= 200	5.9	6.1	9.0	3.2	5.9	0.3	4.0	3.7	0.6			38.7
Unspecified	0.9	0.8	6.9	52.8	88.9	3.0	2.0	4.7	19.2			179.2
Total	113.0	57.3	143.8	785.5	726.1	266.7	54.0	130.3	243.1			2,519.8

GULF OF ALASKA GROUND FISH - CHIRIKOF
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979

METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 4,600	0	0	0	0	0.3	0	0	0	0.5			0.8
Cod DAH= 1,800	0	0	0	3.2	57.7	27.6	0	0	40.5			129.0
Flounder DAH= 600	0	0	0	0	0.3	0.2	0	0	0			0.5
Pacific Ocean Perch DAH= 100												
Other Rockfish DAH= Trace	0	0	0	0	0	0	0	0	0			0
Sablefish DAH= Trace	0	0	0	0	0	0	0	0	0			0
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	0	0			0
Squid DAH= 0	0	0	0	0	0	0	0	0	0			0
Other DAH= 100	0	0	0	1.9	0.5	T	0	0	0			2.4
Unspecified	0	0	0	1.1	0.1	0	0	0	1.1			2.3
Total	0	0	0	6.2	58.9	27.8	0	0	42.1			135.0

GULF OF ALASKA GROUND FISH - SHUMAGIN
 DOMESTIC LANDINGS - DEC. 1978 thru OCT. 1979
 METRIC TONS

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Catch To Date
Pollock DAH= 4,800	0	0	0	0	0	0	0	0	0			
Cod DAH= 4,300	0	0	0	0	0	0	0	0	0			
Flounder DAH= 2,200	0	0	0	0	0	0	0	0	0			
Pacific Ocean Perch DAH= 100												
Other Rockfish DAH= 100	0	0	0	0	0	0	0	0	0			
Sablefish DAH= 100	0	0	0	0	0	0	0	0	0			
Atka Mackerel DAH= 0	0	0	0	0	0	0	0	0	0			
Squid DAH= 0	0	0	0	0	0	0	0	0	0			
Other DAH= 100	0	0	0	0	0	0	0	0	0			
Unspecified	0	0	0	0	0	0	0	0	0			
Total	0	0	0	0	0	0	0	0	0			0

1979 CUMULATIVE ALASKA COMMERCIAL SALMON CATCH, BY SPECIES AND MANAGEMENT AREA
P R E L I M I N A R Y D A T A
Thousands of Fish

Alaska Department of Fish and Game
Division of Commercial Fisheries
Support Bldg.; Juneau, AK 99801
Compiled 28-Sep-79 (907)465-4210

E1

MANAGEMENT AREA	THROUGH	CHINOOK	SOCKEYE	S P E C I E S COHO	PINK	CHUM	ALL
SOUTHEASTERN REGION							
Southern Southeast							
Portland Canal gill net	21-Sep	3.8	91.5	6.0	69.3	59.8	230.4
Prince of Wales Island gill net	21-Sep	2.7	66.1	27.8	647.4	34.2	778.2
Stikine River gill net	21-Sep	.1	2.2	.2	13.5	1.1	17.1
Southern districts seine	21-Sep	5.4	283.5	104.6	5 196.8	159.6	5 749.9
Annette Island trap	21-Sep	-----3	-----33.1	-----4.8	-----237.2	-----10.2	-----285.8
Southern Southeast total		12.3	476.4	143.4	6 164.4	264.9	7 061.4
Northern Southeast							
Taku-Snettisham gill net	21-Sep	3.8	123.9	15.5	147.5	59.0	349.7
Lynn Canal gill net	21-Sep	3.2	194.3	26.2	28.4	227.6	479.7
Yakutat gill net	21-Sep	4.3	166.5	60.8	152.0	5.7	389.3
Northern districts seine	21-Sep	-----7	-----25.8	-----15.8	2 937.2	-----124.1	3 179.3
Northern Southeast total		12.0	510.5	118.3	3 265.8	486.4	4 393.0
Southeastern Region troll	21-Sep	350.0	1.0	800.0	600.0	2.0	1 753.0
Southeastern Region total		374.3	987.9	1 061.7	10 030.2	753.3	13 207.4
CENTRAL REGION							
Bristol Bay							
Naknek and Kvichak districts	21-Sep	3.6	15 061.8	.5	.1	112.1	15 178.1
Mushagak District	21-Sep	155.4	3 282.2	140.9	.5	547.2	4 126.2
Egegik District	21-Sep	2.6	2 214.3	7.4	0.0	29.5	2 253.8
Ugashik District	21-Sep	8.3	391.6	.7		17.4	418.0
Togiak District	21-Sep	-----39.8	-----429.2	-----123.2	-----1.8	-----222.2	-----857.9
Bristol Bay total		200.5	21 429.3	273.4	2.4	928.4	22 834.0
Cook Inlet area							
Upper Cook Inlet							
Northern District	21-Sep	1.5	103.9	48.3	25.5	10.1	189.3
Central District	21-Sep	-----11.6	-----809.9	-----202.2	-----48.8	-----639.6	-----1 212.6
Upper Cook Inlet total		13.1	913.8	251.0	74.3	649.7	1 901.9
Lower Cook Inlet							
Southern District	21-Sep	1.2	39.2	5.2	959.5	11.6	1 016.7
Kanishak District	21-Sep	0.0	1.8	1.9	59.2	34.4	97.3
Outer District	21-Sep	.1	25.9	.8	1 978.8	178.1	2 183.7
Eastern District	21-Sep	-----	-----	-----	-----	-----	-----
Lower Cook Inlet total		1.3	66.9	7.9	2 997.5	224.1	3 297.7
Cook Inlet area total		14.4	980.7	258.9	3 071.8	873.8	5 199.6
Cordova area							
Copper River	21-Sep	17.3	80.7	177.0	1.2	.1	276.3
Bering River	21-Sep	.4	139.0	106.1	6.9	23.2	275.6
Prince William Sound	21-Sep	-----2.0	-----146.4	-----6.8	13 367.0	-----323.4	15 842.6
Cordova area total		19.7	366.1	289.9	15 377.1	346.7	16 399.5
Central Region total		234.6	22 776.1	822.2	18 451.3	2 148.9	44 433.1
ARCTIC-YUKON-KUSKOKWIM REGION							
Kuskokwim River	21-Sep	53.3	39.3	308.6	.6	297.2	699.0
Yukon River							
Lower Yukon River	21-Sep	117.9		14.2		973.4	1 105.5
Upper Yukon River	21-Sep	-----11.1	-----	-----	-----	-----172.2	-----189.0
Yukon River total		129.0		14.2		1 151.3	1 294.5
Norton Sound	21-Sep	10.7	.1	31.4	167.4	140.8	350.4
Kotzebue area	21-Sep	0.0			1.0	141.6	142.6
Arctic-Yukon-Kuskokwim total		193.0	39.4	354.2	169.0	1 730.9	2 486.5
WESTWARD REGION							
Kodiak Island	21-Sep	2.8	555.0	97.5	11 753.1	347.0	12 755.4
Chignik	21-Sep	1.3	1 026.6	65.6	2 017.2	151.2	3 261.9
South Peninsula	21-Sep	2.6	1 051.9	353.4	6 263.5	514.4	8 185.8
North Peninsula	21-Sep	16.1	1 901.3	110.6	2.5	63.9	2 094.4
Aleutian Islands	21-Sep		13.0		545.7	.2	558.9
Westward Region total		22.8	4 547.8	627.1	20 582.0	1 076.7	26 856.4
ALASKA TOTAL		824.7	28 351.2	2 865.2	49 232.5	5 709.8	86 983.4

ADFG

Jack Lechner

STATUS OF THE
SOUTHEASTERN BERING SEA
KING CRAB FISHERY OCTOBER 1979

THE 1979 SOUTHEASTERN BERING SEA RED KING CRAB SEASON OPENED ON SEPTEMBER 10 TH. FISHING GEAR WAS ALLOWED TO BE BAITED ON THIS DATE BUT VESSELS WERE REQUIRED TO HAVE A TANK INSPECTION AT DUTCH HARBOR OR IN PORT WITH TANKS EMPTY 116 HOURS AFTER THE SEASON OPENING DATE. THIS WAS A REGULATION ADOPTED BY THE BOARD OF FISHERIES TO INSURE A MORE EQUITABLE START BY ALL VESSELS DUE TO PROBLEMS OF GEAR BEING BAITED PREVIOUS TO THE SEASON OPENING IN 1978.

PRICE NEGOTIATIONS CURTAILED FISHING UNTIL THE 17TH OF SEPTEMBER WHEN A PRICE OF \$1.01 PER POUND WAS ATTAINED BY THE FISHERMAN.

A TOTAL OF 226 VESSELS ARE REGISTERED TO FISH FOR KING CRAB IN THE BERING SEA, WITH ADDITIONAL VESSELS TO ENTER THE FISHERY AT THIS POINT. THIS COMPARES WITH 162 VESSELS THAT PARTICIPATED IN THE FISHERY DURING THE 1978-79 SEASON, FOR AN INCREASE OF 64 VESSELS.

THE 1978 SEASON TOTALED 88 MILLION POUNDS OR 15,102,567 CRAB THAT AVERAGED 5.8 POUNDS AND 147 MM IN CARAPACE LENGTH. A TOTAL OF 467,891 POT LIFTS WERE MADE

(2)

~~THE~~ FOR AN AVERAGE CPUE OF 33 CRAB PER POT. THE 1978 FISHERY WAS CLOSED ON OCT 31, 1978 FOR A TOTAL OF 51 FISHING DAYS.

FOR THE 1979 SOUTHEASTERN BERING SEA RED KING CRAB FISHERY THROUGH OCTOBER 1, 1979 TOTALS 44.5 MILLION POUNDS DELIVERED TO PROCESSORS. AT DUTCH HARBOR, AKUTAN, PORT MOHLER AND KING COUE. OF THIS 44.5 MILLION POUNDS 9 MILLION POUNDS WERE DELIVERED TO POINTS EASTWARD AS CHIGNIK, KODIAK, SEWARD AND HOMER. IN ADDITION TO THIS POUNDAGE DELIVERED IT IS ESTIMATED THAT 150 VESSEL ON THE GROUNDS HAVE APPROXIMATELY 23 MILLION POUNDS OF CRAB ABOARD, WHICH PROJECTS THE TOTAL CATCH AT THIS POINT TO APPROXIMATELY 68 MILLION POUNDS FOR 14 DAYS OF FISHING.

INITIAL CPUE RATES AVERAGED FROM 60 TO 80 CRAB PER POT, WHICH WAS AFFECTED BY THE BUILD UP OF CRAB IN THE GEAR DURING THE STRIKE. THIS PAST WEEK REFLECTED AN AVERAGE CATCH PER POT OF 61 CRAB, WHICH IS APPROXIMATELY 20 CRAB PER POT MORE THAN FOR THIS EARLY PORTION OF THE SEASON DURING THE 1978 HARVEST.

SAMPLING OF THE CRAB LANDINGS INDICATE CRAB CARAPACE LENGTHS THAT EXCEED 150 MM AND AVERAGE WEIGHTS OF 6.5 POUNDS PER CRAB. THIS AVERAGE WEIGHT EXCEEDS THE PAST SEASON BY

(3)

7 TENTHS OF A POUND, INDICATING SIGNIFICANT CARRY OVER OF LEGAL SIZE CRAB FROM THE 1978 SEASON.

THE ALASKA BOARD OF FISHERIES ESTABLISHED A HARVEST RANGE OF 60 TO 110 MILLION POUNDS FOR THE 1979-80 SEASON, BASED ON THE PERFORMANCE OF THE 1978 FISHERY AND ~~THE~~ ANTICIPATED GOOD RECRUITMENT LEVELS INDICATED FROM THE 1978 NMFS TRAWL SURVEYS.

THE 1979 NMFS TRAWL SURVEYS INDICATE A MIDPOINT ESTIMATE OF 44.8 MILLION LEGAL SIZE RED KING CRAB IN THE SOUTH ~~EASTERN~~ ^{EASTERN} BERING SEA. WHEN APPLYING A 40 PERCENT FISHING MORTALITY, WITH THE INCREASE OF AVERAGE WEIGHT PER CRAB, A HARVEST LEVEL OF 116 MILLION POUNDS IS SUGGESTED. WHEN CONSIDERING AN ABOVE AVERAGE RECRUITMENT INTO THE FISHERY FOR 1980 AND THE APPARENT VERIFICATION OF THE 1979 ESTIMATE OF LEGAL CRAB BY BASIS OF THE PRESENT FISHERY PERFORMANCE, IT WOULD BE THE DEPARTMENTS INTENTION TO UTILIZE THE 116 MILLION POUND ESTIMATE AS A HARVEST LEVEL. AT THIS POINT. FOR THE FIRST 13 DAYS OF THE FISHERY DELIVERIES HAVE AVERAGED 3.4 MILLION POUNDS PER DAY. THE DELIVERIES FOR LAST WEEK AVERAGED 4.7 MILLION POUNDS PER DAY.

(4)

THIS WEEK DUE TO PROBLEMS OF LOADING PRODUCT ABOARD TRANSPORT VESSELS AND POSSIBLY SOME SLOWING OF THE FISHERY THE DAILY DELIVERIES WILL PROBABLY BE LESS THAN THE PREVIOUS WEEK.

WE WOULD PROJECT THAT 68 MILLION POUNDS OF CRAB WILL BE LANDED BY OCTOBER 7TH. AT THAT POINT WE WILL CONSIDER AN ANNOUNCEMENT OF A CLOSURE, WITH A SEVEN DAY NOTICE. THIS WILL PROVIDE FOR AN ADDITIONAL 24 MILLION POUNDS OF DELIVERIES AT THE RATE OF 3.4 MILLION POUNDS PER DAY. OR 92 MILLION POUNDS TOTAL. IN ADDITION TO THIS WILL BE THE ESTIMATED 23 MILLION POUNDS ABOARD THE VESSELS FOR A POSSIBLE HARVEST OF 115 MILLION LBS.

IF DURING THIS PERIOD THE FISHERY SHOULD REFLECT DAILY DELIVERY RATES ABOVE THE 3.4 MILLION POUNDS PER DAY, AS LAST WEEKS 4.7 MILLION POUND AVERAGE THE HARVEST COULD APPROACH 124 MILLION POUNDS.

IN RESPECT TO DEADLOSS FOR THIS SEASON AN ESTIMATED 2.0 MILLION POUNDS HAS OCCURRED AT THE 45 MILLION POUND TOTAL. OR AT A 4.5 PERCENT RATE. THIS WEEK DEADLOSS HAS BEEN REDUCED TO AN INSIGNIFICANT LEVEL.