Agenda Item: "B-3"



# ALASKA DEPARTMENT OF FISH AND GAME REPORT TO THE NORTH PACIFIC FISHERY MANAGEMENT COUNCIL

October 2008

Fisheries managed by the State of Alaska since the last council report include those for salmon, scallops, crab and groundfish.

### **Salmon Troll Fishery** (FIGURE 1)

The Southeast Alaska summer troll chinook salmon season opened July 1, 2008. The commercial troll chinook salmon quota for the 2007-2008 accounting year (October 11, 2007 through September 30, 2008) was approximately 125,400 treaty fish (not including Alaska hatchery add-on). After subtracting the winter (18,900 fish) and spring (18,300) catches, the summer balance was 84,500 fish. The initial summer opening was managed to harvest 70 percent of that amount. Subsequent openings resulted in a total harvest of approximately 88,880 chinook salmon, and the season closed on September 20, 2008. Average price for the season was approximately \$5.33 per pound. The winter season opens October 11, 2008.

### Scallops (FIGURE 2)

The Alaska commercial scallop fishery opened on July 1, 2008. The state has delegated authority over the management of scallops under the existing Fishery Management Plan (FMP). Guideline Harvest Levels (GHL) were established as follows:

	Guideline Harvest Level	Byc	atch Limits (number of c	rab)
Registration Area	(pounds of shucked meat)	Tanner Crab		King Crab
Yakutat			<del></del>	
Area D	150,000	NA		NA
District 16	21,000	NA		NA
Prince William Sound	20,000	11,400		NA
Cook Inlet1	12,000	48,000		60
Kodiak				
Northeast District	900,002	186,000		123
Shelikof District	1,700,004 Exploratory Area (by	16,900		3
Semidi District	Commissioner's Permit)			
Alaska Peninsula	100,005	120,000		35
<b>Dutch Harbor</b>	10,000	10,000		10
Bering Sea	50,000	260,000	C. bairdi	500
		300,000	C. opilio and hybrids	

Several areas have closed for the season. Information is available on the department's website at:

http://www.cf.adfg.state.ak.us/geninfo/shellfsh/scallops/scallophome.php.

### Norton Sound Red King Crab (FIGURE 3)

The red king crab summer season in Norton Sound opened on June 23, 2008 for the open access portion. The Guideline Harvest Level (GHL) for this fishery was 381,100 pounds. There were 23 vessels registered for the fishery. It closed on August 18, 2008 with a final harvest estimated at 364,235 pounds (96 percent of the open access GHL) from 230 landings. The average Catch Per Unit of Effort (CPUE) was 19 legal male crab per pot lifted. The Community Development Quota (CDQ) was 30,900 pounds. That fishery opened on August 17 and concluded in early September. The average price per pound this season was about \$3.25 per pound.

### Aleutian Islands Golden King Crab (FIGURE 4)

The 2008/09 Area O (Aleutian Islands) commercial golden king crab fishery opened August 15, 2008. The total allowable catch (TAC) is 5.985 million pounds, representing a 5 percent increase approved by the Alaska Board of Fisheries last March. The TAC is apportioned east and west of 174° W longitude. The Eastern TAC of 3.15 million pounds is apportioned as follows:

IFQ	2,835,000 pounds
CDQ	315,000 pounds

The Western TAC of 2.835 million pounds is apportioned as follows:

IFQ	2,551,500 pounds
CDQ	283,500 pounds

There are five vessels registered to participate in the Aleutian Islands golden king crab fishery. The IFQ harvest to date is approximately 881,000 pounds.

The golden king crab fishery in the Aleutian Islands remains open through May 15, 2008.

### **Bristol Bay Red King Crab** (FIGURE 5)

The Alaska Department of Fish & Game and National Marine Fisheries Service (NMFS) have completed analysis of NMFS trawl survey data for Bristol Bay red king crab. Abundance and biomass estimates were computed using survey data and length-based analysis model output. The 2008/09 Bristol Bay red king crab fishery will open on October 15, 2008 and will remain open through January 15, 2009. The TAC for this season will be:

IFQ	18,327,600 pounds
CDQ	2,036,400 pounds
Total	20,364,000 pounds

A valid United States Coast Guard (USCG) Commercial Fisheries Safety Decal is required before a vessel registration is issued. Participating vessels must also have an activated vessel monitoring system approved by National Marine Fisheries Service (NMFS). The operator of a vessel participating in IFQ, or CDQ crab fisheries must notify the USCG at least 24-hours prior to departing port when carrying crab pot gear.

### Bering Sea Snow Crab (FIGURE 6)

The Alaska Department of Fish and Game (ADF&G) and National Marine Fisheries Service (NMFS) have completed analysis of NMFS trawl survey data for the Bering Sea snow crab stock. Abundance and biomass estimates were made using areaswept and assessment model techniques. The total mature biomass (TMB) of male and female snow crabs in the Bering Sea is estimated to be above the harvest strategy minimum threshold for a fishery opening. The 2008/09 snow crab total allowable catch (TAC) is summarized as follows:

IFQ	52,695,000 pounds
CDQ	5,855,000 pounds
Total	58,550,000 pounds

The 2008/09 Bering Sea snow crab fishery will open on October 15, 2008 and will remain open through May 15, 2009 in the Eastern Subdistrict and through May 31, 2009 in the Western Subdistrict.

### Bering Sea Tanner Crab (FIGURE 7)

The Alaska Department of Fish and Game (ADF&G) and National Marine Fisheries Service (NMFS) have completed analysis of NMFS trawl survey data for the Bering Sea Tanner crab stock. The Bering Sea Tanner crab stock is above the minimum mature female biomass threshold of 21 million pounds. The season will open on October 15, 2008 and will close on March 31, 2009. The Bering Sea District Tanner

crab stock will be managed east and west of 166° W longitude, with a separate TAC for each area.

IFQ East	2,486,700 pounds
CDQ East	276,300 pounds
Total East	2,763,000 pounds

IFQ West	1,383,300 pounds
CDQ West	153,700 pounds
Total West	1,537,000 pounds

### Pribilof Red and Blue King Crab (FIGURE 8)

The Alaska Department of Fish and Game and the National Marine Fisheries Service have completed analysis of 2008 NMFS trawl survey results for the Pribilof District of king crab registration Area Q. King crab population and biomass estimates for this area was made using survey data and catch-survey analysis model output. The Council's Crab Plan Team (CPT) met in September to review survey data and recommend overfishing definitions. For this blue king crab stock, the CPT recommended that B<sub>MSY</sub> be defined in terms of mature male biomass (MMB) at the time of mating during 2008/09. The CPT's estimate of  $B_{MSY}$  was 9.28 million pounds MMB at the time of mating and their stock was estimated by the CPT to be at only 3 percent of the BMSY estimate, which is below the "critical biomass threshold" for allowing a directed fishery for 2008/09. Further, because the total mature biomass for this stock was estimated to be less than 13.2 million pounds in both 2007 and 2008, under the state's harvest strategy the blue king crab fishery cannot open for the 2008/09 season. Due to the continued decline in the blue king crab stock, the high degree of uncertainty surrounding the estimates of red king crab abundance, and concern for blue king crab bycatch, the red king crab fishery in the Pribilof District will also remain closed for the 2008/2009 season.

### St. Matthew Blue King Crab (FIGURE 9)

The Alaska Department of Fish and Game and the National Marine Fisheries Service have completed analysis of 2008 NMFS trawl survey results for the St. Matthew District of king crab registration Area Q. Although the mature male biomass is estimated to be above the threshold for considering a fishery opening, both the overfishing level (OFL = 1.63 million pounds of retained catch) and computed TAC are below the minimum TAC of 2.5 million for a fishery. The minimum TAC plays an important role in promoting stock rebuilding and is an important determinant in the rebuilding schedule for this stock. The fishery will therefore remain closed.

### **Central Region Pacific Cod** (FIGURE 10)

### **Prince William Sound**

The Prince William Sound state managed Pacific cod season opened on February 21, 2008, which was seven days after the close of the federal fishery. The GHL is 586,430 pounds, which was calculated as 10 percent of the federal Eastern Gulf ABC. Only two vessels have participated in this fishery, so catch data remains confidential.

### **Cook Inlet**

The Cook Inlet state managed Pacific cod season opened on February 21, 2008, which was 24 hours after the close of the federal fishery. The GHL is 3,133,403 pounds. That GHL is calculated as 3.75 percent of the Acceptable Biological Catch (ABC) for the federal Central Gulf of Alaska area. There are eleven pot vessels and four jig vessels registered to participate in the fishery at this time. The harvest to date is approximately 2.14 million pounds.

### Westward Region Pacific Cod (FIGURE 11)

### **Kodiak Pacific Cod** (FIGURE 12)

The Kodiak Area state-waters Pacific cod season opened on Wednesday, February 27, 2008, which was seven days after the close of the federal fishery. The 2008

state-waters guideline harvest level (GHL) is 10.44 million pounds. The GHL is allocated 50 percent to mechanical jig and hand troll gears and 50 percent to pot gear, or 5.22 million pounds each.

The Kodiak Area state-waters Pacific cod fishery closed for all vessels using pot gear on Wednesday, March 26, 2008 with a final harvest of 5.4 million pounds, from 33 vessels. Ninety-four jig vessels landed about 1.97 million pounds by the end of August. The state-waters Pacific cod season closed on September 1, 2008. The Central and Western Gulf of Alaska Pacific cod federal 'B' seasons opened at NOON on September 1<sup>st</sup>. Kodiak state waters opened concurrent to the federal season at that time under parallel rules.

Vessel operators participating in the parallel groundfish fisheries for walleye pollock, Pacific cod and Atka mackerel in state waters west of 144° W. long (Cape Suckling) must have onboard an activated vessel monitoring system (VMS) approved by the National Marine Fisheries Service (NMFS). Vessels using jig and hand troll gears are exempt from the VMS requirement.

### **Chignik Pacific Cod** (FIGURE 13)

The state waters Pacific cod fishery in Chignik opened by regulation on March 1. The GHL is 7.31 million pounds, with pot vessels targeting 90 percent of that amount. The pot cod fishery closed on April 17 after harvesting approximately 6.7 million pounds. Jig effort was minimal throughout the season. The Chignik Area state-waters Pacific cod fishery management plan allows Pacific cod remaining on the 2008 jig-gear guideline harvest level (GHL) to be taken on or after August 15 by either pot or jig gear. Through August 11, there were about 620,000 pounds remaining on the 2008 Chignik Area state-waters Pacific cod GHL. The fishery reopened to pot gear after August 15, but effort remained minimal, so the state closed the Chignik state-waters season on September 1, and reopened under parallel fishery rules at that time.

### South Alaska Peninsula Pacific Cod (FIGURE 14)

The Pacific cod fishery for the South Alaska Peninsula opened March 7, 2008, which was seven days after the close of the federal fishery. The GHL is approximately 14.29 million pounds, with 85 percent targeted by pot gear. There were 48 vessels fishing with pot gear, and the fishery closed April 1 after a harvest of about 11.9 million pounds was taken. Fifty-nine vessels using jig gear had harvested about 1.39 million pounds by the end of August. As was the case in Kodiak and Chignik, the department closed state waters and reopened under parallel fishery rules on September 1.

### Aleutian Islands Pacific Cod (FIGURE 15)

The 2008 state-waters Pacific cod guideline harvest level (GHL) for the Aleutian Islands west of 170° W Longitude was 11.64 million pounds. The GHL was based on 3 percent of the federal BSAI Pacific cod Allowable Biological Cap (ABC) of 176,000 metric tons. The GHL was apportioned so that a maximum of 70 percent (8.14 million pounds) was available beginning March 10 (A-season), and 30 percent (3.49 million pounds) with any rollover from the first season available beginning June 10 (B-season). Approximately 670,000 pounds was rolled into the B-season, making the GHL about 4.16 million pounds. The B-season closed on July 9 after approximately 4.24 million pounds were harvested. B-season participation was by 18 vessels, which was an increase over the 12 that fished during the A-season. Eight pot vessels (four catcher-vessels, four catcher/processors), seven longline vessels (six catcher-vessels, one catcher/processor), and three jig vessels (two of the longline vessels also utilized jig gear) participated. Seven processors participated in the fishery, including one shore-based, one floating, and five catcher/processors. Fishermen received about \$0.57 per pound, and the total exvessel value was approximately \$1.9 million.

### Southeast Groundfish (FIGURE 16)

The Southern Southeast Inside (SSEI or Clarence Strait) longline fishery closed by regulation on August 15. The annual harvest objective (AHO) for SSEI is 696,000 and the equal quota share (EQS) is 21,750 pounds. Preliminary catch for the 28

longline permit holders was roughly 544,000 round pounds. The SSEI pot fishery (4 permits) opened on September 1 and continues through November 15.

The Northern Southeast Inside (NSEI or Chatham Strait) longline fishery opened on August 15. The AHO is 1,508,000 pounds, which is split between 96 permit holders (six less than in 2007) and makes an EQS 15,710 pounds. Catch to date is 455,000 pounds.

The Icy Bay Subdistrict (IBS) closed to all lingcod fisheries (directed as well as longline and troll bycatch) on August 7.

The directed fishery for lingcod in the East Yakutat (EYKT) fishery closed on May 23. The Central Southeast Outside (CSEO) fishery had more effort this year and closed to directed effort on September 5. The other two areas have had little effort and remain open at this time.

Longline bycatch of lingcod in NSEI closed to lingcod bycatch on February 23. All other areas remain open.

There has been no effort in the directed Pacific cod fishery since springtime.

There has been no recent effort in the black rockfish fishery.

### Alaska Board of Fisheries (FIGURE 17)

The Alaska Board of Fisheries will be meeting in Fairbanks from October 8-10, 2008. This is a work session, and several Agenda Change Requests of interest to the Council include:

ACR 3 – Clarify regulations on non-pelagic trawl closure in the Bristol Bay area (5 AAC 39.165(3), and 39.164 (b) (7).

ACR 7 – Modify regulations on non-pelagic trawl and essential fish habitat in the Bering Sea (5 AAC 39.164(b) and 5 AAC 39.167.

ACR 8 – Provide a uniform vessel size limit of 60 feet LOA in the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)(3).

ACR 9 – Reduce catch in the A-season and spread out the harvest over monthly increments for the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)

ACR 10 – Reduce daily catch limit to 75,000 pounds for the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)(7).

ACR 12 – Limit longline vessel to 55 feet in the Bering Sea/Aleutian Islands management area Pacific cod fishery (5 AAC 28.087).

Proposal 182 – (tabled in February 2006 to a future Joint Protocol meeting)
Increase state waters Pacific cod GHL in South Alaska Peninsula fishery to 50 percent.

Proposal 185 – (tabled in February 2006 to a future Joint Protocol meeting)
Prohibit vessels greater than 58 feet LOA from participating in the parallel Pacific cod fishery in the South Alaska Peninsula area.

(Prince William Sound Proposals, December 1-7, 2008, Orca Lodge, Cordova, AK Proposal 34 - Manage by emergency order in the Pacific cod fishery. Season currently opens with federal Central GOA season. This proposal, if adopted, would require it to open with federal Eastern GOA season. Individual proposing this change says the season now closes before the biomass moves into the area.

**Proposal 35** - Modify opening of the Pacific cod fishery. Open and close the parallel season in PWS east of a one at 147° W longitude to coincide with the initial federal season in the Eastern GOA. Individual proposing this change says the season now closes before the biomass moves into the area.

**Proposal 36 -**. Vessels engaged in longlining halibut in PWS Area may retain P cod if they are in possession of a miscellaneous finfish permit and the state waters season is open or a parallel season is open.

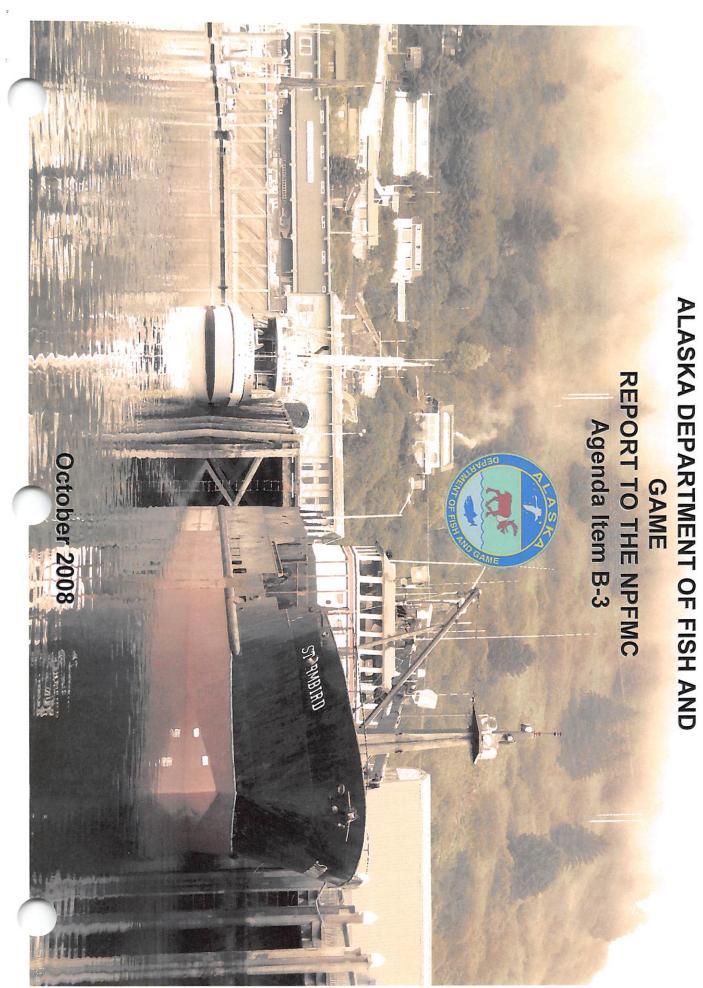
**Proposal 37** – Provide for a new regulation under 5 AAC 20.xxx that allows the incidental harvest of Pacific cod in the directed halibut fishery and state waters sablefish fishery in Prince William Sound.

**Proposal 38** - Expand the outside district of PWS to the harvest of Pacific cod. Federal and state management areas do not align. This proposal would open waters from 147° W longitude to 144° W longitude for the parallel Pacific cod season.

**Proposal 41** - Establish Area E (PWS) commercial skate fishery. Possible issue on misreporting given that federal waters are bycatch only.

Proposal 42 - Allow the retention of spiny dogfish in the longline fishery in PWS. With the exception of the salmon set net fishery catch of spiny dogfish in the Yakutat area, all other state waters are bycatch only. Possible issue on misreporting since "other species" complex is open year round in federal waters.

Proposal 93 – 5 AAC 01.645 (e) (1) (2). Subsistence bag, possession, and size limits. Allow retention of rockfish up to the daily bag limit in the subsistence halibut fishery. This regulation would align PWS regulations with those passed for Cook Inlet in 2007, reducing sport and subsistence bag limits from five rockfish to four rockfish per day, making the population in the area more sustainable. Finally, ADF&G's subsistence division recommends that the Restricted Access Management Division (RAM) of NMFS, which is responsible for issuing educational and ceremonial halibut permits, work with the department to develop guidance for applicants regarding the options available to them for retention of incidental groundfish harvests in subsistence halibut fisheries.



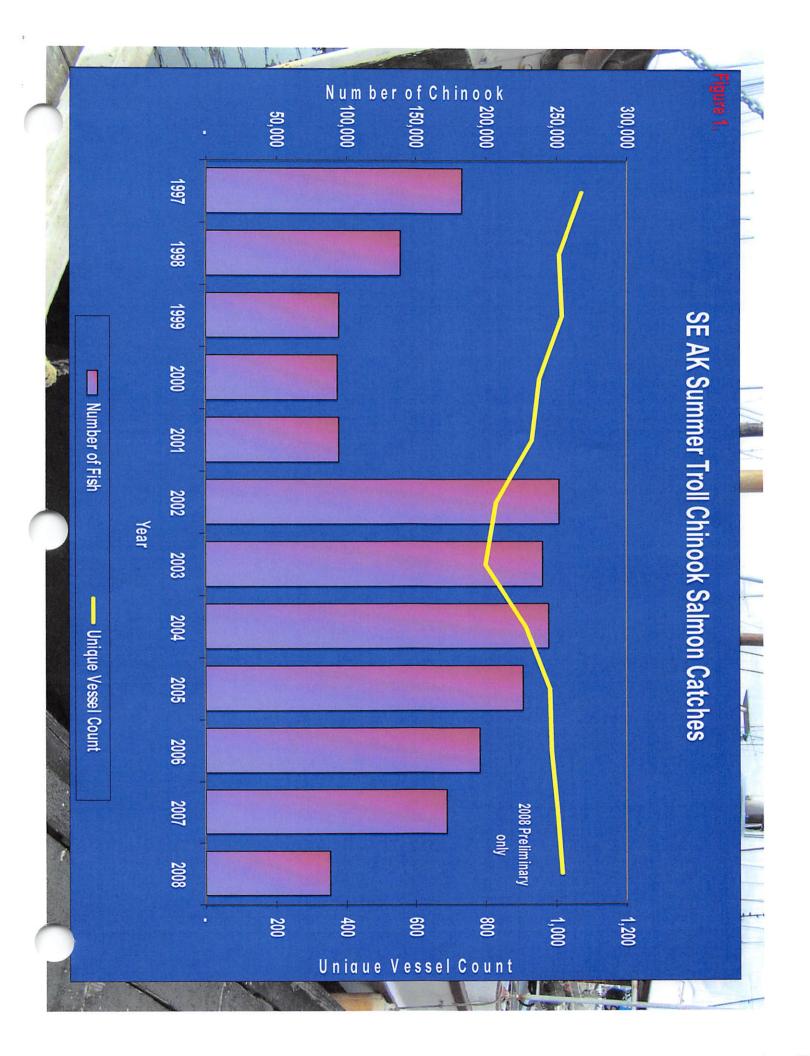
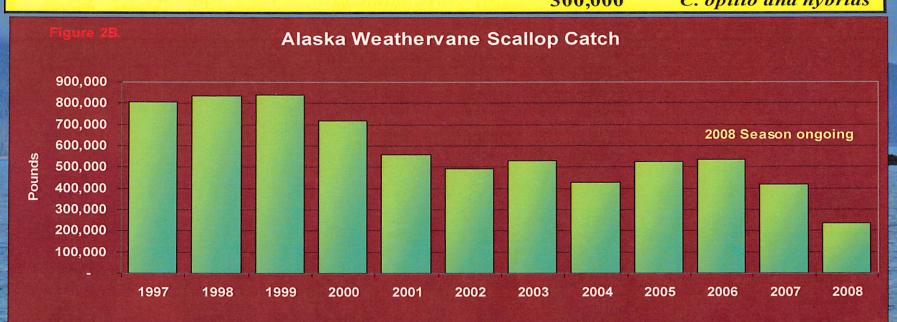
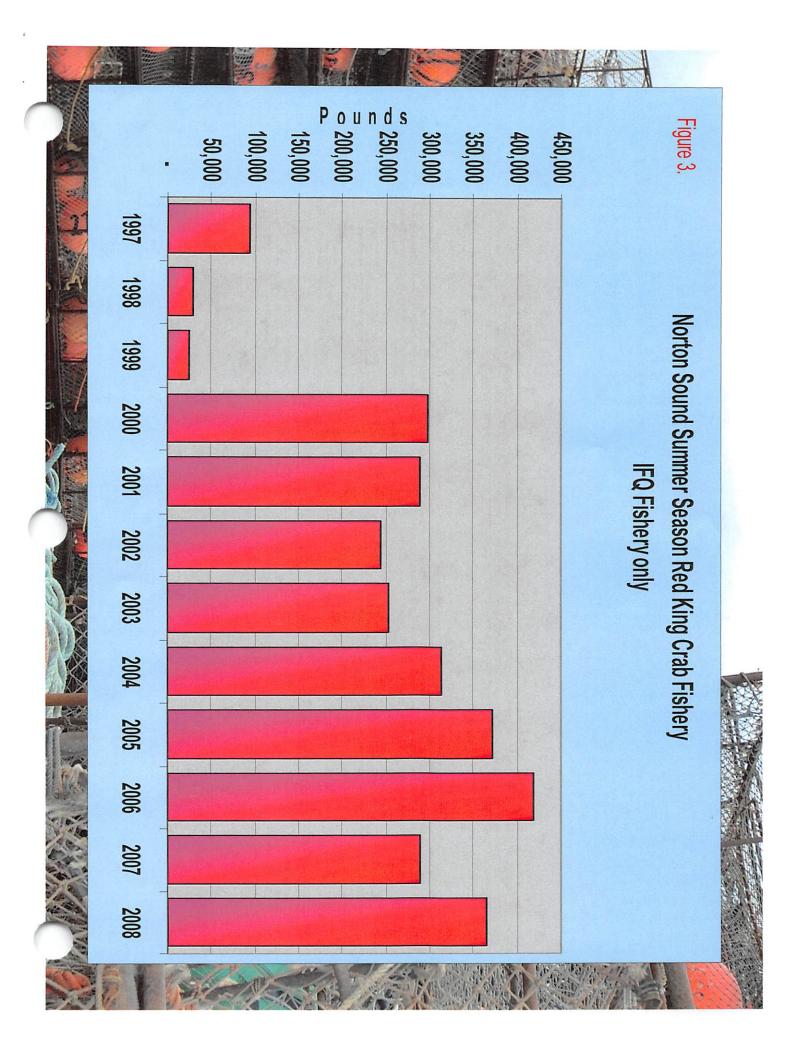
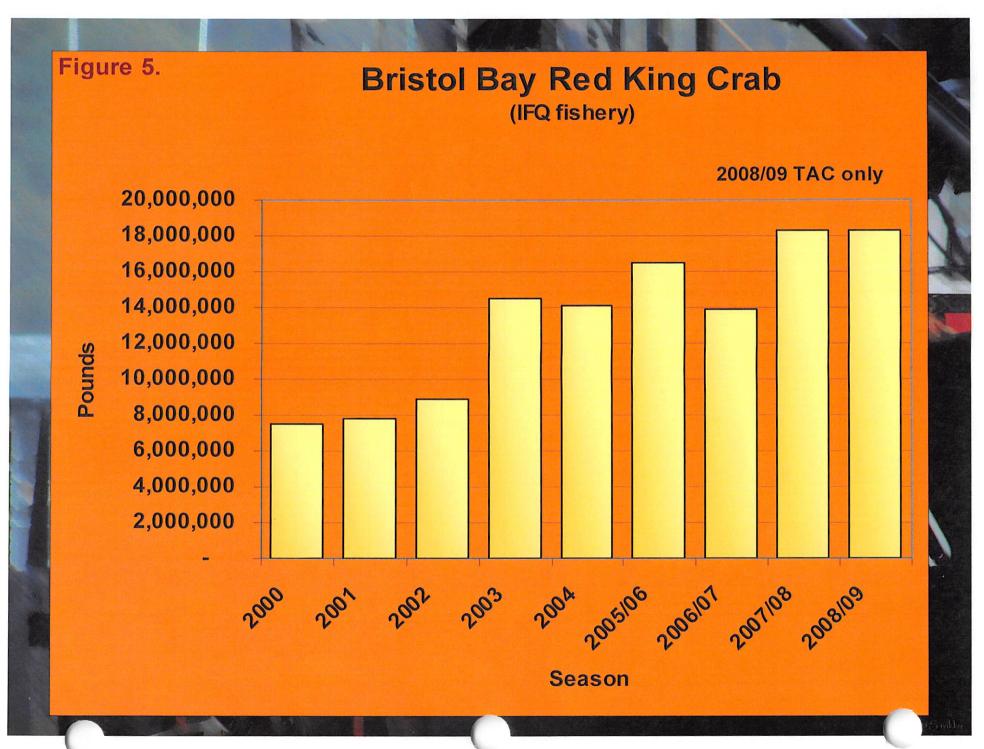


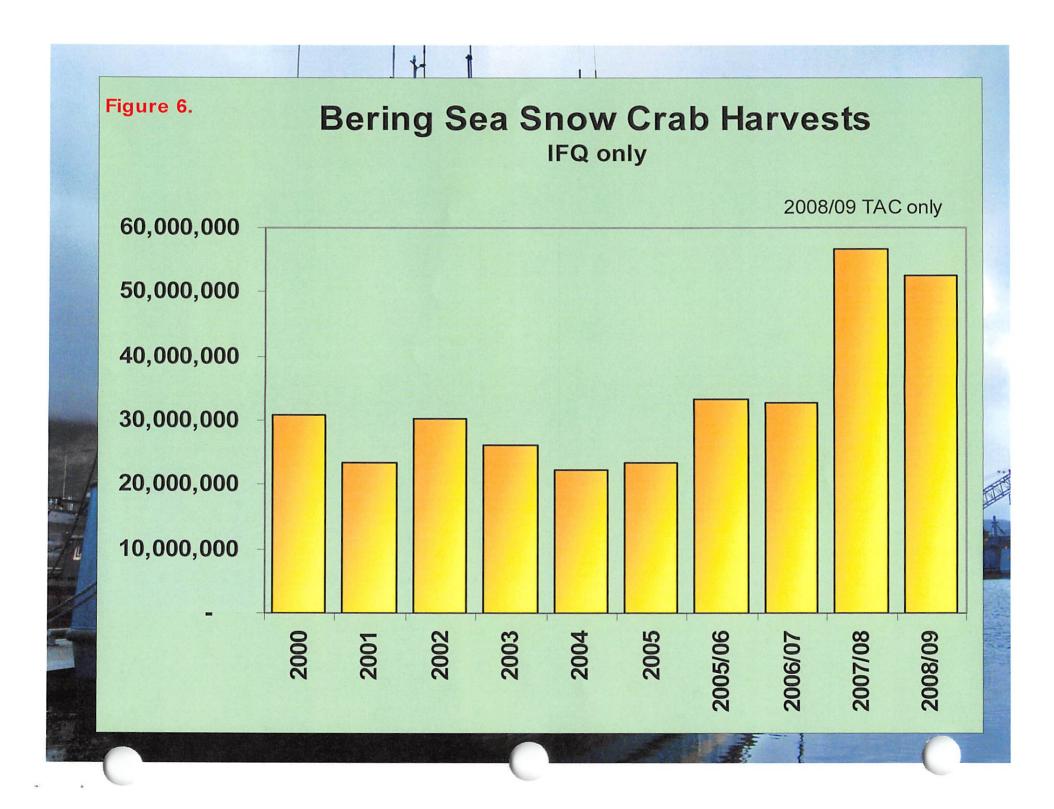
Figure 2A.	Guideline Harvest Level	Bycatch L	imits (numb	er of crab)
Registration Area	(pounds of shucked meat)	Tanner Cral	b	King Crab
Yakutat				
Area D	150,000	NA		NA
District 16	21,000	NA		NA
Prince William Sound	20,000	11,400		NA
Cook Inlet <sup>1</sup>	12,000	48,000		60
Kodiak				
Northeast District	900,002	186,000		123
Shelikof District	1,700,004	16,900		3
Semidi District	Exploratory Area (by Con	nmissioner's Permi	it)	
Alaska Peninsula	100,005	120,000		35
Dutch Harbor	10,000	10,000		10
Bering Sea	50,000	260,000	C. bairdi	500
English to the Head	and a second to the second	300,000	C. opilio al	nd hybrids

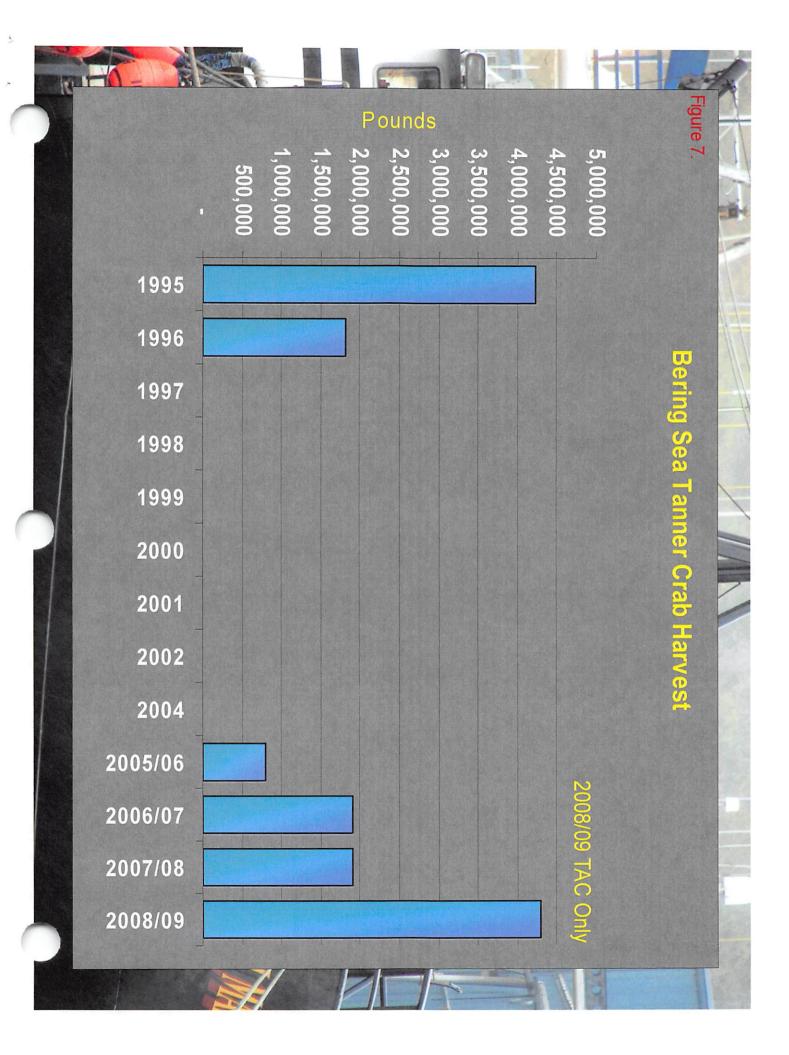


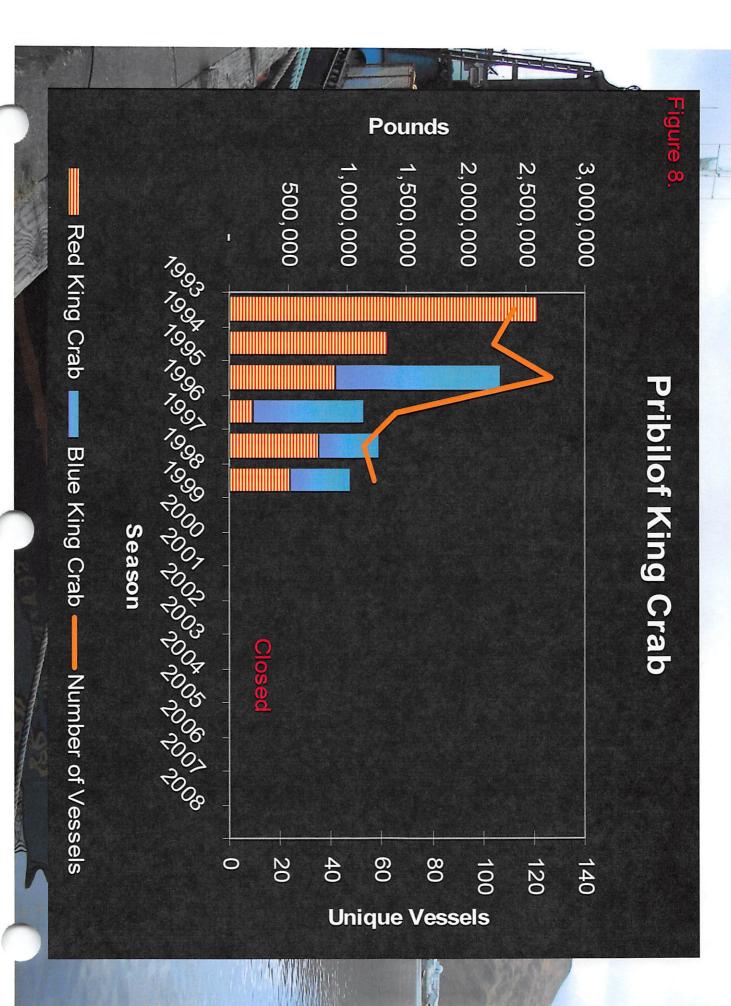












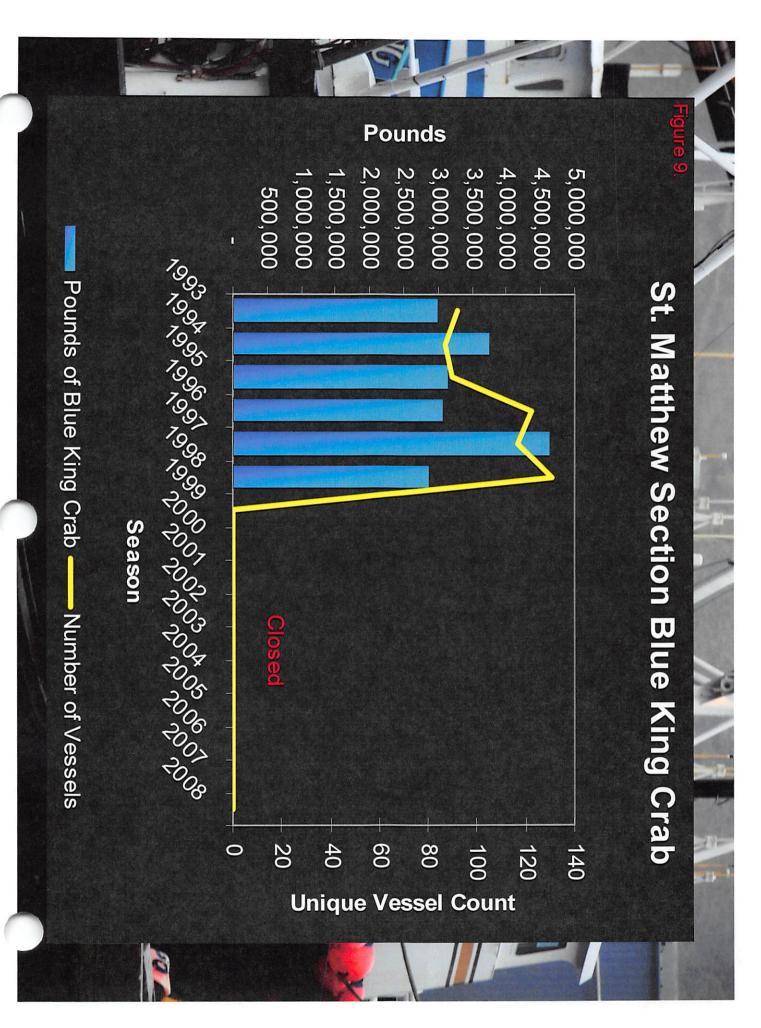


Figure 10. 2008 harvest guideline, effort, and catch reported for state water fisheries through Aug. 31

This summary censored for CONFIDENTIAL reports or records.

### PARALLEL SEASON\* - STATE WATERS

Pacific Cod	Cook Inlet	PWS
Vessels	37	31
Landings	86	52
Total Longline (pounds)	133,007	36,407
Vessels	0	1
Landings	0	Confidential
Total Jig (pounds)	0	Confidential
Vessels	7	0
Landings	48	0
Total Pots (pounds)	145,473	0
Vessels	0	0
Landings	0	0
Total Trawl (pounds)	0	0
Vessels	0	0
Landings	0	0
Total Hand Troll (pounds)	0	0
Totals		
Vessels	44	31
Landings	134	52
Grand Total (pounds)	278,480	36,863

\*Parallel season concurrent with federal waters of the Central Gulf of Alaska (CGOA).

Directed Pacific Cod season opened 01/01/08 and will reopen at noon Sept 1.

### State Managed - State Waters

		AND THE PROPERTY OF THE PROPER
Pacific Cod	Cook Inlet	PWS
GHL (pounds)	3,133,403	586,430
Vessels	4	2
Landings	7	Confidential
Lb. Jigs	14,456	Confidential
Vessels	11	0
Landings	191	0
Lb. Pots	2,130,182	0
Vessels	O	0
Landings	O	0
Lb. Troll	O	0
Totals		
Vessels	15	2
Landings	198	Confidential
Total weight(lbs)	2,144,638	Confidential

The state managed fishery for Pacific cod will open by emergency order to pot and jig gear under exclusive area registration 24 hours after the Federal closure in Cook Inlet and after 7 days in PWS.



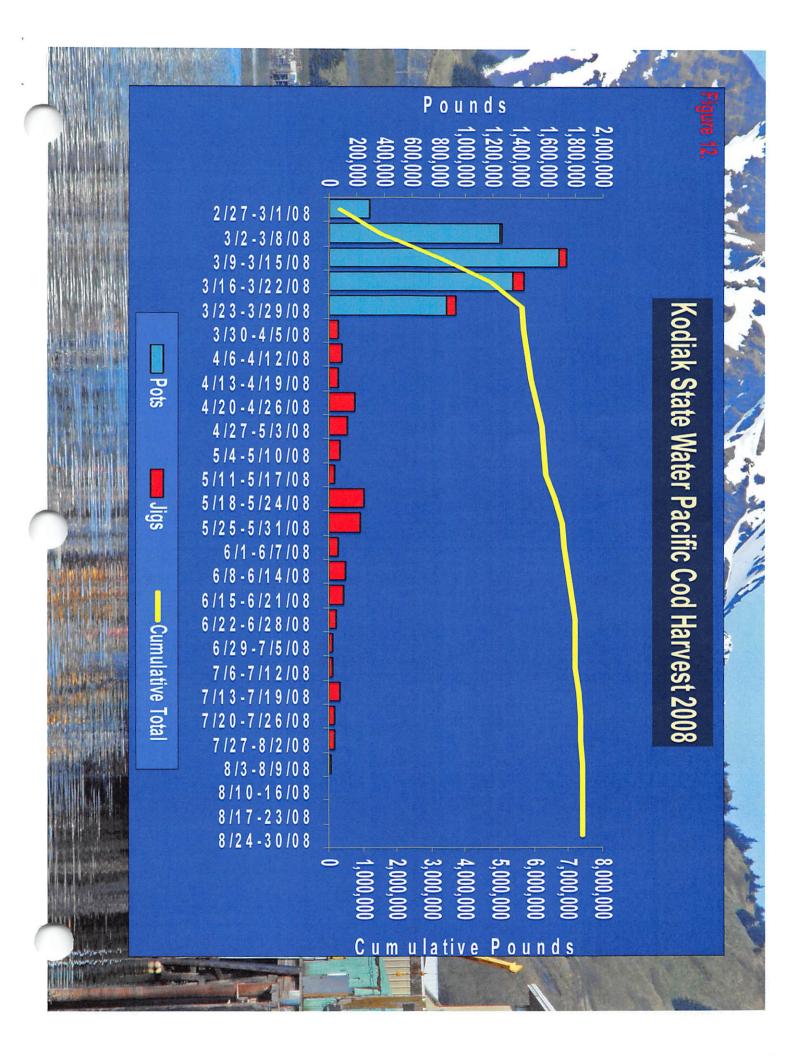
# 2008 STATE MANAGED GROUNDFISH PRELIMINARY PACIFIC COD HARVEST BY FISHERY WEEK

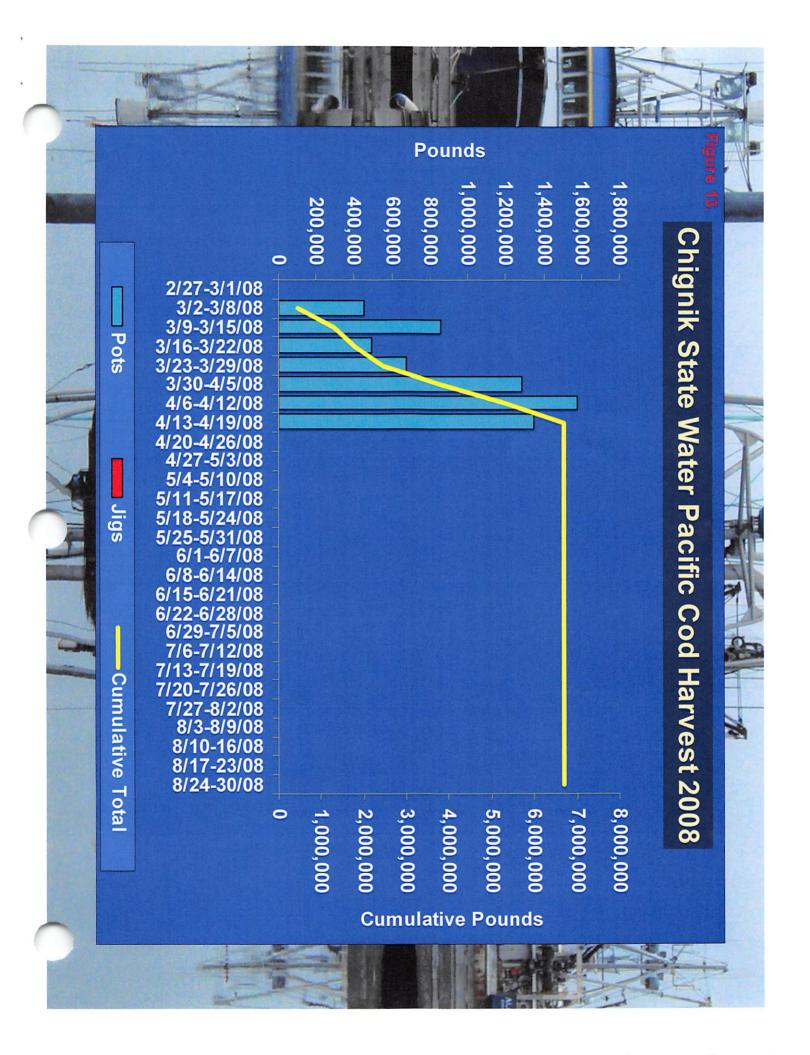
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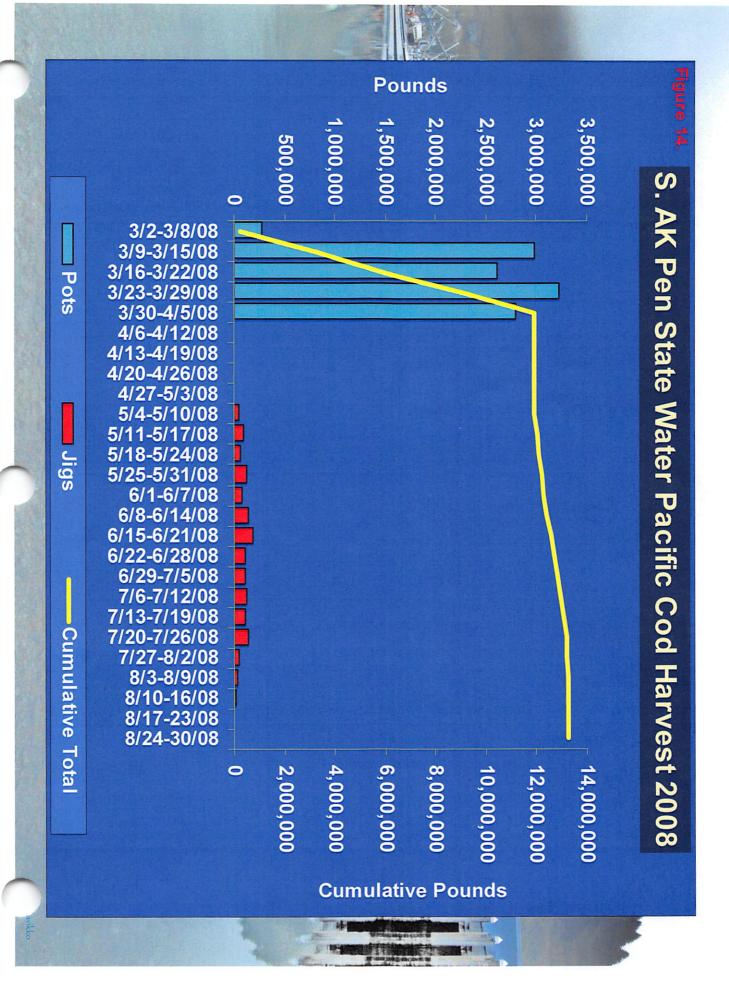
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13,278 . 19	13	ned)	(Total combined)	,109	6,690,10	(Total combined)	(Total c	7,396,394	7.	ied)	(Total combined)	CATCII
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304 1,388,389		11,889,760	389			6,690,109	258	1,969,477	646	5,426,917	328	ACCUMULATIVE
Confidential	C				-		,	3,795	4			8/24-30/08
Confidential	C		•	•				4,298	y,			8/17-23/08
8 13,325			•	•				Confidential	0			8/10-16/08
13 35,995			•	-		•	,	19,135	6	-		8/3-8/9/08
15 39,611								35,540	20	•		7/27-8/2/08
29 132,759						*	,	34,782	17	•		7/20-7/26/08
27 110,355	· · · · · · · · · · · · · · · · · · ·							79,603	2.3	•		7/13-7/19/08
			*	•			1	21,414	10			7/6-7/12/08
18 106,072				,			1	29,922	ī	•		6/29-7/5/08
18 113,844				•			,	55,049	20	· · · · · · · · · · · · · · · · · · ·		6/22-6/28/08
36 188,610				•			•	113,299	36			6/15-6/21/08
25 138,977				ntial	Confidentia	-	,	123,115	34	-		6/8-6/14/08
16 73,846			•	-				60,631	13			6/1-6/7/08
25 119,592			•	ntial	Confidentia			233,559	10	•		5/25-5/31/08
11 55,256								260,164	56	•		5/18-5/24/08
26 95,355				1			•	44,151	15			5/11-5/17/08
9 39,037			•	•	•		,	73,842	30	-		5/4-5/10/08
onfidential	C			,			•	130,711	37			4/27-5/3/08
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•	-	2,795,594	90	•		1,282,350	52	62,940	29	3/26/08	Closed	3/30-4/5/08
	2 -	3,221,722	77	•		677,771	29	74,265	36		143	3/23-3/29/08
1		2,612,421	99	1		495,110	24	81,788	33		59	3/16-3/22/08
•	-	2,985,634	112	,		856,974	33	51,410	25	1,681,403	58	3/9-3/15/08
	•	274,389	=			450,596	20	8,939	10	1,249,349	53	3/2-3/8/08
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s Catch	Landings	Catch	Landings	Catch	Landings	Catch	Landings	Catch	Landings	Catch	Landings	DATES:
Jigs		Pots		S	Jigs	Pots		Jigs		Pots	Po	
= 2.14 million	Jigs	12.15 million	Pots = 1	m illio n	Jigs = .73 milli	Pots = 6.58 million	Pots		fore Sept	, >58' pots 2,60 he	ots = 5.22 million	Jigs = 5,22 million, Pots = 5,22 million, >58' pots 2,60 before Sept.1
						The second secon		pt. L	before Se	25% of total GIIL	Pots >58' restricted to 25% of total GHL before Sept. L	Pots
	% Jigs	85% Pots, 15% Jigs			Jigs	90% Pots, 10% Jigs			)%Pots	50% Jigs, 50% Pots		ALLOCATIONS:
S	Million Pounds	14.29 Million			Pounds	7.31 Million Pounds		nds	n Pou	10.44 Million Pounds	1	2008 GHL
59	48	107	各種主經是法	3	22	25		94	33	127		Overall
Jig 59	Pot	Total 107		Jig 3	Pot 22	Total 25		Jig 94	Pot 33	Total 127		Vessel Registration Current
NSULA	RENI	SOUTH ALASKA PENINSULA	SOUT		K	CHIGNIK			AK	KODIAK		
							-					







A-Season

Initial GHL = 8.15 million Opened March 10 Closed March 18

Harvest = 7.48 million

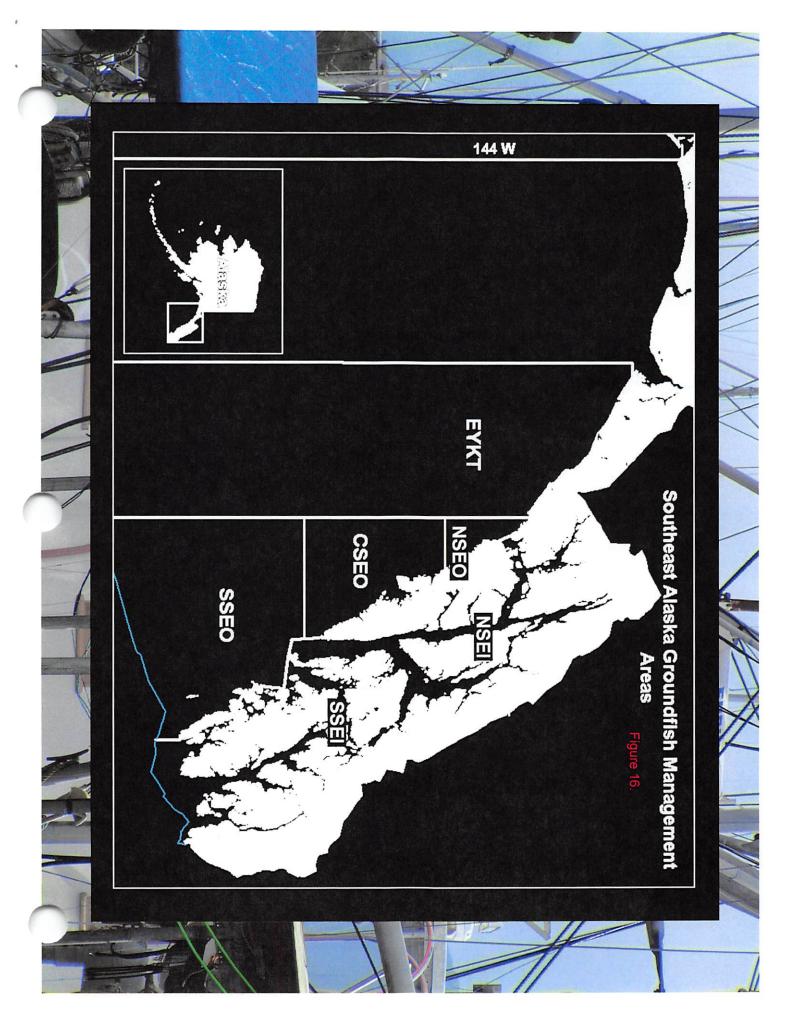
B-Season

Initial GHL = 3.49 million

Opened June 10
Closed July 9

Harvest = 4.24 Willion

2008 Season Total = 11.64 million 45 vessels made 193 deliveries



## Alaska Board of Fisheries October Work Session

ACR 3 – Clarify regulations on non-pelagic trawl closure in the Bristol Bay area (5 AAC 39.165(3), and 39.164 (b)(7).

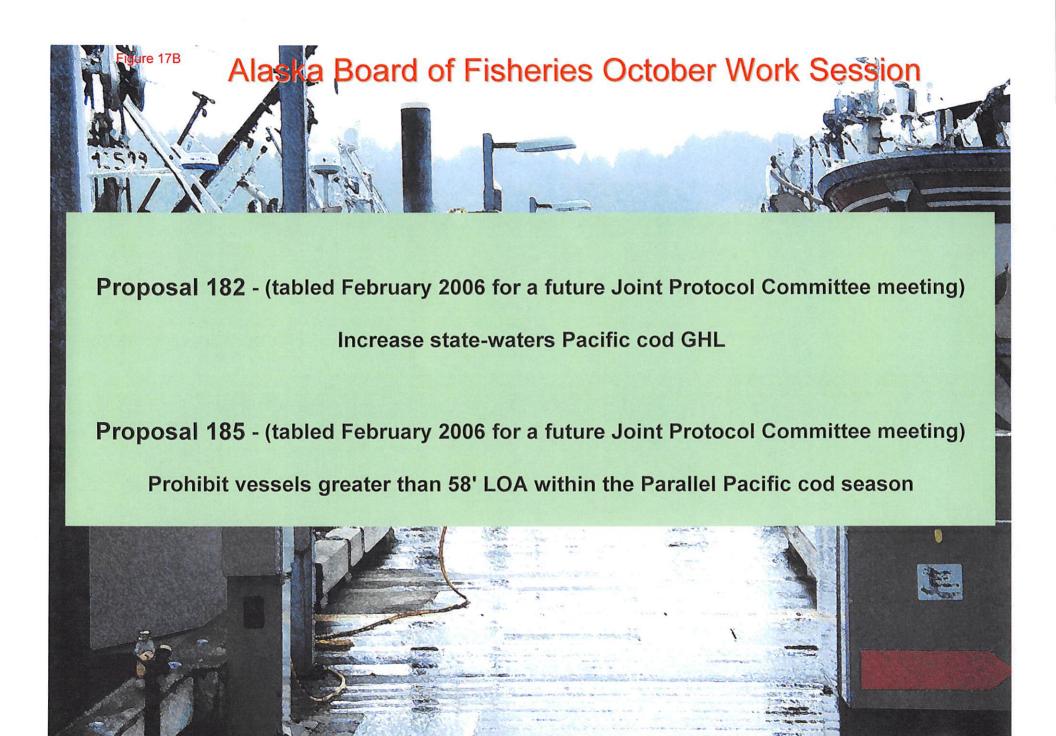
ACR 7 – Modify regulations on non-pelagic trawl and essential fish habitat in the Bering Sea (5 AAC 39.164(b) and 5 AAC 39.167.

ACR 8 – Provide a uniform vessel size limit of 60 feet LOA in the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)(3).

ACR 9 – Reduce catch in the A-season and spread out the harvest over monthly increments for the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)

**ACR 10** – Reduce daily catch limit to 75,000 pounds for the Aleutian Islands District Pacific cod fishery (5 AAC 28.647 (d)(7).

ACR 12 – Limit longline vessel to 55 feet in the Bering Sea/Aleutian Islands management area Pacific cod fishery (5 AAC 28.087).



# Alaska Board of Fisheries, December Meeting Cordova, AK

Proposal 34 - Manage by emergency order in the Pacific cod fishery

Proposal 35 - Modify opening of the Pacific cod fishery

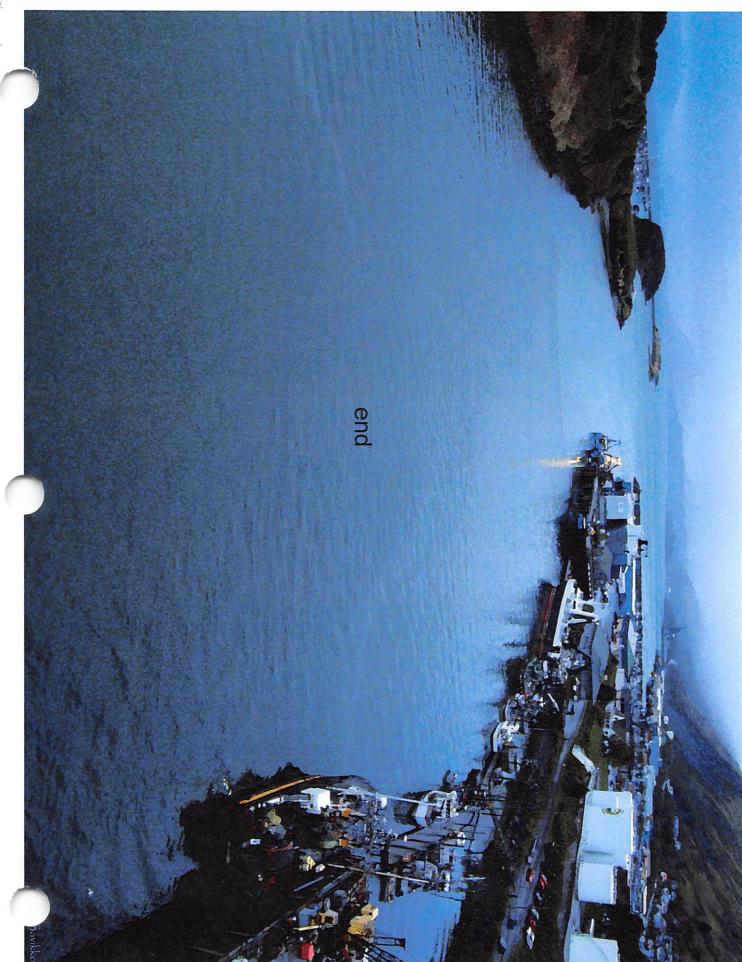
Proposal 36 - Allow retention of Pacific cod in the halibut fishery

Proposal 37 - Allow retentino of Pacific cod in the halibut and blackcod fisheries

Proposal 38 - Expand the outside district to the harvest of Pacific cod

Proposal 41 - Establish Area E (PWS) commercial skate fishery

Proposal 42 - Allow the retention of spiny dogfish in the longline fishery



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