Regional Information Report No. 4K11-11

Fishery Management Plans for State-Waters Pacific Cod Seasons in the Kodiak, Chignik, and South Alaska Peninsula Areas, 2011

Compiled by

Mark A. Stichert

August 2011

Alaska Department of Fish and Game



Divisions of Sport Fish and Commercial Fisheries

Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

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REGIONAL INFORMATION REPORT NO. 4K11-11

FISHERY MANAGEMENT PLANS FOR STATE-WATERS PACIFIC COD SEASONS IN THE KODIAK, CHIGNIK, AND SOUTH ALASKA PENINSULA AREAS, 2011

Compiled by

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> > August 2011

The Regional Information Report Series was established in 1987 and was redefined in 2006 to meet the Division of Commercial Fisheries regional need for publishing and archiving information such as project operational plans, area management plans, budgetary information, staff comments and opinions to Board of Fisheries proposals, interim or preliminary data and grant agency reports, special meeting or minor workshop results and other regional information not generally reported elsewhere. Reports in this series may contain raw data and preliminary results. Reports in this series receive varying degrees of regional, biometric, and editorial review; information in this series may be subsequently finalized and published in a different department reporting series or in the formal literature. Please contact the author or the Division of Commercial Fisheries if in doubt of the level of review or preliminary nature of the data reported. Regional Information Reports are available through the Alaska State Library and on the Internet at: http://www.adfg.alaska.gov/sf/publications/.

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ABSTRACT

In 1996, the Alaska Board of Fisheries developed state-waters Pacific cod fisheries in three Westward Region groundfish areas: Kodiak, Chignik, and South Alaska Peninsula. The board adopted management plans that specify season dates for parallel and state-waters Pacific cod fisheries, legal gear types, vessel size limits, guideline harvest level (GHL) allocations, rollover provisions for unharvested allocation, vessel registration requirements, harvest reporting and landings requirements, and gear storage regulations for each management area. The management plans also determine the amount of Pacific cod allocated to the state-waters fisheries based on the Federal acceptable biological catch.

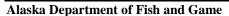
Allowable gear types (pot and jig only) and gear limits (60 pots and 5 jig machines) are common across all three management plans. Season dates, vessel size, registration exclusivity, GHL allocations, allocation rollover, and gear storage requirements are unique to each management area. This report compiles the 2011 Pacific cod state-waters management plans for the Kodiak, Chignik, and South Alaska Peninsula areas into a single document and serves as a reference for fisheries stakeholders.

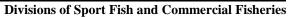
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by

Nicholas H. Sagalkin

January 2011







Symbols and Abbreviations

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gram	g	all commonly accepted		abbreviations	
hectare	ha	abbreviations	e.g., Mr., Mrs.,	alternate hypothesis	H_A
kilogram	kg		AM, PM, etc.	base of natural logarithm	e
kilometer	km	all commonly accepted		catch per unit effort	CPUE
liter	L	professional titles	e.g., Dr., Ph.D.,	coefficient of variation	CV
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parts per million	ppm	U.S. state	use two-letter	r .	
parts per thousand	ppt,		abbreviations		
r r	%°		(e.g., AK, WA)		
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 11-02

FISHERY MANAGEMENT PLAN FOR THE STATE-WATERS PACIFIC COD SEASON IN THE KODIAK REGISTRATION AREA, 2011

by Nicholas H. Sagalkin Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak

> Alaska Department of Fish and Game Division of Sport Fish, Research and Technical Services 333 Raspberry Road, Anchorage, Alaska, 99518-1565 January 2011

The Fishery Management Reports series was established in 1989 by the Division of Sport Fish for the publication of an overview of management activities and goals in a specific geographic area, and became a joint divisional series in 2004 with the Division of Commercial Fisheries. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: http://www.sf.adfg.state.ak.us/statewide/divreports/html/intersearch.cfm. This publication has undergone regional peer review.

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This document should be cited as:

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ABSTRACT

The Kodiak Area state-waters Pacific cod *Gadus macrocephalus* season is scheduled to open 7 days after the closure of the federal/parallel Central Gulf of Alaska Pacific cod season. Legal gear types for the state-waters season are pots, mechanical jigging machines, and hand troll gear. Gear limits are 60 pots (buoy tags required) or 5 jigging machines. The guideline harvest level (GHL) for the 2011 state-waters season is 14.8 million pounds. The GHL is split evenly between vessels using pot and jig gear (50%); however, vessels over 58 feet using pot gear are capped at 25% of the total GHL prior to September 1. Managing the fishery close to the GHL is dependent upon the amount of communication between the Alaska Department of Fish and Game (ADF&G) and the fishing fleet. In the absence of information, ADF&G makes conservative estimates of season length. This fishery management plan summarizes regulations, reporting requirements, and anticipated inseason management actions necessary to prosecute the statewaters Pacific cod season in Kodiak Area.

Key words: Pacific cod, *Gadus macrocephalus*, Kodiak Area, harvest strategy, regulations, jigging machine, pot, guideline harvest level

INTRODUCTION

AREA DESCRIPTION

The Kodiak groundfish registration area consists of all waters south of the latitude of Cape Douglas (58°51.10' N lat), north of 55°30' N lat, west of the 149° W long, and east of a line extending south from the southern entrance of Imuya Bay near Kilokak Rocks (156°20.22' W long; Figure 1).

OVERVIEW

There are two Pacific cod *Gadus macrocephalus* fisheries that occur inside state waters of the Kodiak Area. During the federal Central Gulf of Alaska (CGOA) Pacific cod fishery (Area 620 and 630), the state opens a concurrent "parallel" season inside state waters. The parallel Pacific cod season is separate from the state-waters Pacific cod season that occurs after the closure of the federal/parallel CGOA Pacific cod fishery. More information regarding the federal Pacific cod fishery can be obtained from National Marine Fisheries Service (NMFS; http://www.fakr.noaa.gov).

In 1996, the Alaska Board of Fisheries (BOF) adopted state-waters Pacific cod season management plans in five groundfish areas: Prince William Sound, Cook Inlet, Kodiak, Chignik, and the South Alaska Peninsula (Sagalkin et al. 2010). Legal gear types during the Kodiak, Chignik, and South Alaska Peninsula state-waters season are limited to pot gear, mechanical jigging machines, and hand troll gear types. The Kodiak Area Pacific cod management plan is contained in 5 AAC 28.467 on pages 45–47 of the 2010–2011 Statewide Commercial Groundfish Fishing Regulations.

STATE-WATERS PACIFIC COD SEASON

The Kodiak Area state-waters Pacific cod season will open 7 days after the closure of the CGOA federal Pacific cod season. The Kodiak Area state-waters Pacific cod season is exclusive registration (5 AAC 28.406). A vessel validly registered for the state-waters Pacific cod season in the Kodiak Area may not be used to take Pacific cod in any other state-waters exclusive or superexclusive Pacific cod registration area. Exclusive area designations may be relaxed in the Kodiak Area after October 30 if a significant portion of the GHL remains unharvested.

- Operators must possess a 2011 CFEC interim use permit card for the appropriate gear type for miscellaneous finfish.
- State-waters Pacific cod registrations may be obtained at the ADF&G offices in Kodiak and Dutch Harbor, or via FAX to the Kodiak office (907) 486-1824. Please note that a Westward Region Parallel Groundfish Registration is a separate registration.
- Vessel operators may not use pot and jig gear at the same time (5 AAC 28.467 (e) (3)). However, operators may change gear registration by written request, in person, or by FAX to the Kodiak ADF&G office.
- Vessel operators may operate both hand troll and mechanical jigging machine gear at the same time. Separate fish tickets are required for each gear type at the time of landing.
- The GHL is allocated 50% for jig gear and 50% for pot gear. If the jig gear GHL is not harvested before September 1, the season may be opened to pot and jig gear by emergency order (5 AAC 28.467 (c) (2)).
- Harvest by pot vessels over 58 feet is capped at 25% of the total GHL (1/2 of the pot allocation) until September 1 (5 AAC 28.467 (c) (4)).
- If a significant portion of the state-waters season GHL remains to be harvested after September 1, limits on the number of pots and mechanical jigging machine gear may be lifted (5 AAC 28.467 (g) (1)).
- No more than 60 groundfish pots may be operated from a vessel, unless the pot limit has been rescinded by emergency order on or after September 1. Buoy tags are required when the 60 pot limit is in effect. Tags are available from the Kodiak office and Dutch Harbor office (5 AAC 28.467 (e) (3) and 5 AAC 28.050 (f)).
- No more than 5 hand troll lines or mechanical jigging machines may be operated from a vessel unless the jigging machine limit has been rescinded on or after September 1 (5 AAC 28.467 (e) (3)).
- Tenders for Pacific cod must obtain a tender registration prior to their operation in the state-waters season. Tenders may also actively fish with either gear type. In this scenario, tenders must register to fish and register to tender. Separate fish tickets must be filled out for all fish landed by the tender vessel and accepted as deliveries from other vessels (5 AAC 28.033).
- Vessels may be registered to use jig gear in the state-waters Pacific cod season and simultaneously register for Dungeness crab when the fisheries are open.

VOLUNTEER CATCH REPORTING

ADF&G encourages fishery participants to provide volunteer catch reports to increase the amount of information used to manage this fishery. In recent years, the pot fleet has harvested the quota quickly.

ADF&G will primarily manage the Kodiak Area state-waters Pacific cod season from inseason catch reports provided by permit holders. Inseason management will allow for real-time fishery decisions and the ability to consider changes in effort, fleet behavior, and weather. ADF&G will try to provide permit holders sufficient time to configure gear for storage or to place gear

onboard the vessel before a closure; however, the potential exists for a short advance-notice closure. Managing the fishery close to the GHL is dependent upon accurate inseason catch reporting from the fishing fleet. In the absence of information, ADF&G makes conservative estimates of season length.

Catch reports will be taken using satellite dispatch system and e-mail. **The ADF&G office uses Matrix**¹ **dispatch services; the office dispatch number is 7894.** Vessel operators will be issued a reporting worksheet during registration to participate in inseason reporting. Operators will be asked during the registration process which method they will use to submit daily reports.

Reports will initially be taken daily from 8:00 to 8:30 AM.

Current fishery status will be available on the ADF&G recorded message phone at 486-5176. Messages on the recorded message phone will be updated daily after the morning reports. Updates, changes to the reporting schedule, and closure announcements will be distributed via email, FAX, and passed along to all participating processors.

2011 GUIDELINE HARVEST LEVEL

The guideline harvest level for the state-waters Pacific cod season is determined annually as a percentage of the Acceptable Biological Catch (ABC) for the CGOA. The ABC is submitted annually by the Plan Team for the Groundfish Fisheries of the Gulf of Alaska to the North Pacific Fishery Management Council (NPFMC). Additional information on the annual ABC derivation can be found in the Stock Assessment and Fishery Evaluation (SAFE) report published annually by NMFS (NMFS 2009).

The percentage of the ABC for the CGOA that is allocated to the Kodiak Area state-waters Pacific cod season is 12.5% (5 AAC 28.467 (e)(1) and (e)(2)). The 2011 GHL for the Kodiak Area state-waters Pacific cod fishery is 14.8 million pounds.

BYCATCH

- Lingcod may be retained from July 1 to December 31. Retained lingcod must be at least 35" from tip of the snout to tip of the tail, or 28" from the front of the dorsal fin to the tip of the tail. Lingcod must not be mutilated or altered in such a manner that prevents determination of the minimum size. Lingcod may be retained up to 5% of Pacific cod catch by weight.
- Skates may be retained as bycatch up to 20% of Pacific cod catch by weight.
- Black rockfish may be retained up to 5% of Pacific cod catch by weight.
- Bycatch of octopus may be retained as bycatch up to 20% of the Pacific cod catch by weight and the octopus bycatch must be landed on the miscellaneous finfish card.
- The state adopts the NMFS bycatch percentages for all other groundfish species in state waters. Permissible bycatch percentages vary under the federal system, so it is advisable to check with NMFS management for the status of all species except black and dark rockfish and lingcod (contacts listed in Appendix A1).

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¹ Use of trade names does not constitute an endorsement from ADF&G.

INSEASON ANNOUNCEMENTS

The state-waters Pacific cod season will be managed inseason from information gathered from volunteer daily catch reports, weekly processor reports, dockside sampling information, and fish ticket data. All inseason management actions pertaining to regulatory changes in the state-waters season will be published in news releases and emergency orders. Weekly harvest updates will be available each Monday during the state-waters season. News releases, weekly catch updates, and emergency orders are

- available in the shellfish and groundfish management office, ADF&G office building 2nd floor, 211 Mission Road, Kodiak
- distributed to a list of recipients maintained by management staff in Kodiak via FAX, email, and standard mail
- posted on the ADF&G website at: http://www.cf.adfg.state.ak.us/region4/finfish/grndfish/grndhom4_kod.php

LEGAL GEAR

Lawful gear types are defined under 5 AAC 28.050 *Lawful Gear for Groundfish* and contain the following:

All commercial groundfish pot buoys must be marked with the permanent ADF&G vessel license plate number of the vessel operating the gear. This number must include leading zeros as applicable.

Tunnel eye openings of groundfish pots must have a perimeter 36 inches or less. This opening may be achieved for pots with larger tunnel eye openings by placing rigid excluder bars across the tunnel eye opening.

Some additional gear regulations are referenced in the following table:

Table 1.—Some gear regulations for the Kodiak state-waters Pacific cod state season.

Gear		Regulations
Pot	60 pots	5 AAC 39.105 (11) Types of Legal Gear
	Escape mechanism	5 AAC 39.145 (1) (2) Escape Mechanisms for Shellfish and Bottomfish Pots
	Buoy tags	5 AAC 28.467 Kodiak Pacific cod Management Plan 5 AAC 28.050 (1) (2) Lawful gear for groundfish
Jig	5 mechanical jigging machines	5 AAC 39.105 (25) Types of Legal Gear
	5 lines per machine	5 AAC 28.467 (e) (3) Kodiak Pacific cod Management Plan
	30 hooks per line	5 AAC 28.430 (f) Lawful Gear for Kodiak Area

BUOY TAGS

Each pot used to fish for Pacific cod in Kodiak Area state-waters season is required to be tagged with an ADF&G supplied buoy tag (5 AAC 28.050). Buoy tags are available prior to the fishing season in Kodiak and Dutch Harbor offices. Each tag should be placed on the main buoy or trailer buoy. If tags are lost, replacement tags are available at the offices listed above. If pot limits are relaxed on September 1, the requirement for buoy tags is eliminated.

POT STORAGE

Groundfish pots may be stored with all bait and bait containers removed and doors secured fully open on rectangular pots and with the doors not secured closed for pyramid and conical pots in water 25 fathoms or less (5 AAC 28.432).

Vessels that participate in the federal/parallel Pacific cod season prior to the opening of the Kodiak state-waters Pacific cod season may leave their pots unbaited, doors open, and deeper than 25 fathoms for the 7 days between seasons. No more than 60 pots may be in operation at the time of the state-waters Pacific cod season opening and those 60 pots must have a buoy tag attached. Gear in excess of the 60-pot limit may be in shallow water storage (less than 25 fathoms) or on the vessel for seven days after the opening of the state-waters season. After the seven-day period beyond the state-waters season opening, no more than 60 pots may be in the water or on the vessel (5 AAC 28.467 (e) (3) (D)).

LANDING REQUIREMENTS

The landing requirements are specified in 5 AAC 28.471 (1) and (2). After 48 hours from the time of closure of the state-waters Pacific cod season, vessels that have participated in the fishery may not have Pacific cod onboard unless cod has been designated as bycatch for another fishery and the amount onboard does not exceed the bycatch percentage limit. If the vessel has been delayed due to extraordinary circumstances beyond the control of the vessel operator, and the

vessel has contacted ADF&G, allowances may be made for additional time on a case by case basis. Vessels requesting additional time to arrive at their delivery location must have departed the fishing grounds immediately after the closure and proceeded directly to their port of delivery or processing location. At the time of closure all gear must comply with applicable state and federal storage requirements (5 AAC 28.432).

REFERENCES CITED

NMFS (National Marine Fisheries Service). 2009. Stock Assessment and fishery evaluation (SAFE) report for the groundfish resources of the GOA Region, 2009. NPFMC Plan Team for the Groundfish Fisheries of the GOA. National Marine Fisheries Service. Alaska Regional Office, Juneau.

Sagalkin, N. H., K. Phillips, and P. Converse . 2010. Annual management report for the groundfish fisheries in the Kodiak, Chignik, and South Alaska Peninsula Management Areas, 2009. Alaska Department of Fish and Game, Fishery Management Report No. 10-33, Anchorage.

FIGURE

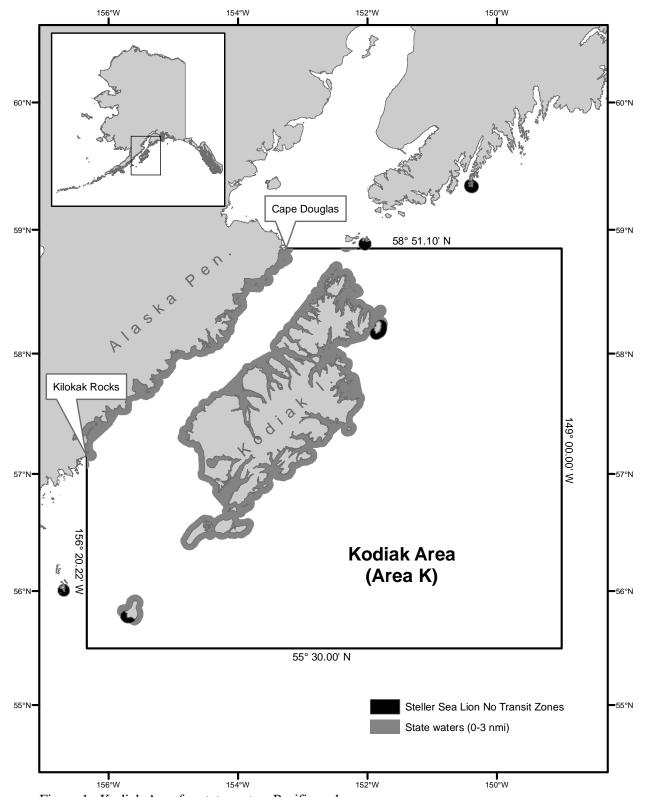


Figure 1.-Kodiak Area for state-waters Pacific cod.

APPENDIX A. LISTING OF CONTACT PERSONS

Alaska Department of Fish and Game web site: http://www.cf.adfg.state.ak.us/region4/rgn4home.php

Kodiak ADF&G

211 Mission Road

Dutch Harbor ADF&G

PO Box 920587

Kodiak, Alaska 99615 Dutch Harbor, AK 99692-0587

(907) 486-1840 (907) 581-1239 FAX: (907) 486-1824 FAX: (907) 581-1572

Wayne Donaldson Westward Region Shellfish/Groundfish Biologist

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Nicholas Sagalkin Kodiak, Chignik, Alaska Peninsula Area Shellfish/Groundfish Biologist

nick.sagalkin@alaska.gov

Mark Stichert Kodiak, Chignik, Alaska Peninsula Asst. Area Shellfish/Groundfish Biologist

mark.stichert@alaska.gov

Division of Alaska Wildlife Troopers web site: http://www.dps.state.ak.us/AWT/

2921 A Mill Bay Road Kodiak, Alaska 99615 (907) 486-4762

FAX: (907) 486-5480

National Marine Fisheries Service web site: http://www.fakr.noaa.gov/

P. O. Box 1638 Kodiak, Alaska 99615 (907) 481-1780 FAX: (907) 481-1701

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National Marine Fisheries Service Enforcement Phone: (907) 486-3298

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Fishery Management Plan for the Chignik Area State-Waters Pacific Cod Season, 2011

by

Mark A. Stichert

January 2011

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)		General		Mathematics, statistics	
centimeter	cm	Alaska Administrative		all standard mathematical	
deciliter	dL	Code	AAC	signs, symbols and	
gram	g	all commonly accepted		abbreviations	
hectare	ha	abbreviations	e.g., Mr., Mrs.,	alternate hypothesis	H_A
kilogram	kg		AM, PM, etc.	base of natural logarithm	e
kilometer	km	all commonly accepted		catch per unit effort	CPUE
liter	L	professional titles	e.g., Dr., Ph.D.,	coefficient of variation	CV
meter	m		R.N., etc.	common test statistics	$(F, t, \chi^2, etc.)$
milliliter	mL	at	@	confidence interval	CI
millimeter	mm	compass directions:		correlation coefficient	
		east	E	(multiple)	R
Weights and measures (English)		north	N	correlation coefficient	
cubic feet per second	ft ³ /s	south	S	(simple)	r
foot	ft	west	W	covariance	cov
gallon	gal	copyright	©	degree (angular)	0
inch	in	corporate suffixes:		degrees of freedom	df
mile	mi	Company	Co.	expected value	E
nautical mile	nmi	Corporation	Corp.	greater than	>
ounce	OZ	Incorporated	Inc.	greater than or equal to	≥
pound	lb	Limited	Ltd.	harvest per unit effort	HPUE
quart	qt	District of Columbia	D.C.	less than	<
yard	yd	et alii (and others)	et al.	less than or equal to	≤
,	J	et cetera (and so forth)	etc.	logarithm (natural)	ln
Time and temperature		exempli gratia		logarithm (base 10)	log
day	d	(for example)	e.g.	logarithm (specify base)	log ₂ , etc.
degrees Celsius	°C	Federal Information		minute (angular)	, 52,
degrees Fahrenheit	°F	Code	FIC	not significant	NS
degrees kelvin	K	id est (that is)	i.e.	null hypothesis	H_0
hour	h	latitude or longitude	lat. or long.	percent	%
minute	min	monetary symbols	-	probability	P
second	S	(U.S.)	\$, ¢	probability of a type I error	
		months (tables and		(rejection of the null	
Physics and chemistry		figures): first three		hypothesis when true)	α
all atomic symbols		letters	Jan,,Dec	probability of a type II error	
alternating current	AC	registered trademark	R	(acceptance of the null	
ampere	A	trademark	TM	hypothesis when false)	β
calorie	cal	United States		second (angular)	,,
direct current	DC	(adjective)	U.S.	standard deviation	SD
hertz	Hz	United States of		standard error	SE
horsepower	hp	America (noun)	USA	variance	
hydrogen ion activity	рH	U.S.C.	United States	population	Var
(negative log of)	•		Code	sample	var
parts per million	ppm	U.S. state	use two-letter	•	
parts per thousand	ppt,		abbreviations		
- •	% 0		(e.g., AK, WA)		
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 11-01

FISHERY MANAGEMENT PLAN FOR THE CHIGNIK AREA STATE-WATERS PACIFIC COD SEASON, 2011

by
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January 2011

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This document should be cited as:

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ABSTRACT

The Chignik Area state-waters Pacific cod *Gadus macrocephalus* season is scheduled to open March 1, 2011. Vessels participating in the state-waters season may not exceed 58 feet in length, and legal gear is limited to pot and jig gear. No more than 60 pots or 5 mechanical jigging machines may be operated from a vessel. The 2011 guideline harvest level (GHL) of 10.38 million pounds, is equal to 8.75% of the Central Gulf of Alaska Acceptable Biological Catch for Pacific cod. Pot vessels are allocated 90% of the total GHL or 9.34 million pounds. Jig vessels are allocated 10% of the total GHL or 1.04 million pounds. Effective inseason management is dependent upon timely and accurate communication between the Alaska Department of Fish and Game (ADF&G) and the fishing fleet. In the absence of reliable inseason harvest information, ADF&G will adopt conservative management measures which may result in lost fishing opportunity.

Key words: Pacific cod, *Gadus macrocephalus*, Chignik Area, harvest strategy, regulations, guideline harvest level, state waters fishery, parallel fishery.

INTRODUCTION

AREA DESCRIPTION

The Chignik Management Area (Registration Area L) for groundfish consists of all waters of Alaska on the south side of the Alaska Peninsula between 156°20.22' W long (the longitude of the southern entrance to Imuya Bay near Kilokak Rocks) and a line extending 135° southeast from Kupreanof Point (Figure 1).

OVERVIEW

Two distinct Pacific cod *Gadus macrocephalus* fisheries occur within state waters (0–3 nmi) of the Chignik Area. The first fishery is prosecuted concurrent with the federal Central Gulf of Alaska (CGOA) Pacific cod fishery and is referred to as the "parallel" fishery. The parallel fishery is managed by adopting most National Marine Fisheries Service (NMFS) rules. The second Pacific cod fishery is the Chignik Area state-waters fishery. The state-waters fishery is independent of the federal/parallel fishery and is managed exclusively by Alaska Department of Fish and Game (ADF&G) under guidelines developed by the Alaska Board of Fisheries (BOF). The purpose of this document is to further define these fisheries and provide specific information on the 2011 Chignik Area state-waters Pacific cod season.

Parallel Season

The federal CGOA Pacific cod season (3–200 nmi) opens January 1 to pots, longline and jig gear and January 20 to trawl gear. When the federal CGOA is open to directed Pacific cod fishing, the state opens a concurrent parallel season inside state waters (0–3 nmi). Unless specifically prohibited, the same gear types in the federal CGOA Pacific cod fishery are allowed in the parallel fishery although non-pelagic trawl vessels are prohibited inside most state waters. Exceptions to gear permitted inside state waters are described under 5 AAC 39.164, Non-Pelagic Trawl Gear Restrictions. With the exception of vessels using jig gear, all vessels that participate in the federal/parallel fishery must have an activated vessel monitoring system (VMS; 5 AAC 28.087). All vessels targeting Pacific cod inside Chignik Area state waters are restricted to a maximum of 58 feet in overall length. Vessels over 58 feet in length are not restricted from fishing in federal waters (3–200 nmi). Steller sea lion restrictions during the parallel season match federal management measures (5 AAC 28.087).

Vessels fishing exclusively in the parallel Pacific cod fishery are not required to possess a federal fishing permit (FFP) or gear endorsement otherwise known as the License Limitation Program

(LLP). However all vessels must complete an ADF&G Westward Region parallel groundfish registration. Vessels that possess a federal fisheries permit must comply with federal regulations regarding observer coverage and logbook requirements when operating within state waters unless they relinquish their federal permit.

The federal Pacific cod fishery closes when the total allowable catch (TAC) is met or the incidental bycatch limit for Pacific halibut is exceeded. Pacific cod harvested during the parallel fishery are counted against the federal CGOA TAC. For additional information regarding federal Pacific cod fisheries contact NMFS (907-481-1780) or NMFS enforcement (907-486-3298).

State-Waters Season

In 1996, the BOF adopted state-waters Pacific cod management plans in three groundfish areas in the Westward Region: Kodiak, Chignik, and the South Alaska Peninsula. The first state-waters Pacific cod seasons in these areas occurred in 1997. State-waters Pacific cod fisheries are open access fisheries and are prosecuted independent of the federal/parallel fisheries.

Vessel registration for the federal/parallel fishery is not valid for the state-waters Pacific cod season; a separate state-waters Pacific cod registration is required. The Chignik Area state-waters Pacific cod season is a superexclusive registration area fishery. Vessels registered for the Chignik Area state-waters Pacific cod fishery may not register for any other state-waters Pacific cod season during 2011. Alternatively, if a vessel has registered for any state-waters Pacific cod fishery outside of the Chignik Area during 2011, that vessel may not participate in the Chignik Area state-waters Pacific cod fishery. Tenders for Pacific cod must also register for the state-waters season prior to beginning tender operations.

Pacific cod registrations may be obtained at ADF&G offices in Kodiak, Dutch Harbor, and seasonally in Sand Point. They may also be obtained by fax from the Kodiak office at (907) 486-1824 (Appendix A). Vessel operators must possess a 2011 Commercial Fisheries Commission (CFEC) interim use miscellaneous finfish permit card for the appropriate gear type prior to registration. CFEC and other fishery related contact information is located in Appendix A.

2011 GUIDELINE HARVEST LEVEL

The guideline harvest level (GHL) for the state-waters Pacific cod season is determined annually as a percentage of the CGOA Acceptable Biological Catch (ABC) for Pacific cod.

The percentage of the ABC for the CGOA allocated to the Chignik state-waters Pacific cod season is further described in 5 AAC 28.537 Chignik Area Pacific Cod Management Plan (e)(2). **The 2011 GHL for the Chignik Area state-waters Pacific cod fishery is 10.38 million pounds.** By regulation, 90% of the total GHL, or 9.34 million pounds is allocated to the pot fleet while 10% of the total GHL, or 1.04 million pounds is allocated to the jig fleet.

BYCATCH

Inside state waters (0–3nmi), ADF&G adopts the NMFS maximum retainable bycatch percentages applicable in the Exclusive Economic Zone (EEZ; 3–200 nmi) for species that are not actively managed by the State of Alaska. Retainable bycatch percentages are subject to change and may differ between species. Unless otherwise specified, the maximum bycatch limit for any species of groundfish is 20% by weight of the targeted groundfish species. Notably, lingcod and octopus may be retained up to 20% by weight of retained Pacific cod and must be landed on the miscellaneous

finfish card required to harvest Pacific cod. Additionally, lingcod may only be retained from July 1 to December 31. Black and dark rockfish may be retained up to 5% by weight of landed Pacific cod. However, vessels that are concurrently registered for the state-waters Pacific cod and the directed black rockfish fishery may retain black rockfish in excess of the 5% bycatch limit when the Chignik Area directed black rockfish fishery is open. Updated retainable bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/ or by contacting ADF&G in Kodiak (Appendix A).

STATE-WATERS PACIFIC COD MANAGEMENT PLAN

ADF&G manages the Chignik Area state-waters Pacific cod season in accordance with the Chignik Area Pacific Cod Management Plan (5 AAC 28.537). The management plan is described in detail on pages 50–52 in the 2010–2011 Statewide Commercial Groundfish Fishing Regulations booklet. Following is a summary of important regulations that govern the Chignik state-waters Pacific cod season:

- The Chignik state-waters Pacific cod season opens by regulation on March 1.
- Vessels may not exceed 58 feet overall length.
- Pot and jig gear are the only legal gear types during the state-waters season.
- Vessels may not use pot and jig gear at the same time. However, operators may change gear registration by contacting the Kodiak ADF&G office (Appendix A).
- No more than 60 groundfish pots may be operated from a vessel, unless the pot limit has been rescinded by emergency order on or after October 30. Buoy tags are required when the 60 pot limit is in effect. Tags should be placed on the main buoy or trailer buoy and are available from the Kodiak and Dutch Harbor ADF&G offices. Buoy tags may also be available by request in Chignik and Sand Point prior to the fishery opening date. No more than 60 pots may be in operation at the time of the state-waters season opening.
- No more than five mechanical jigging machines may be operated from a vessel unless the jig limit has been rescinded by emergency order after October 30. Jigging machines may not have more than five lines. Each of the five permissible lines may have no more than 30 hooks.
- Vessels may operate both hand troll and mechanical jig gear at the same time. Separate CFEC cards and fish tickets are required for each gear type at the time of landing.
- The allocation for pot gear is 90% of the total GHL. The allocation for jig gear is 10% of the total GHL. If jig gear GHL is not harvested by August 15 the season may close and immediately reopen to both pot and jig gear by emergency order.
- If a significant portion of the state-waters season GHL remains unharvested on or after October 30, the state-waters season may close and immediately reopen without gear limits and vessel size restrictions.
- During the state-waters season, vessel operators using pot gear are strongly encouraged to report daily the harvest location, number of pot lifts, and pounds of Pacific cod retained in the previous 24-hour period. Additional information on catch reporting is outlined below.

CATCH REPORTING

ADF&G will manage the Chignik Area state-waters Pacific cod season using inseason catch reports (Appendix B) provided by vessel operators. Inseason catch reports allow the department to consider how changes in effort, fleet behavior, and weather influence harvest rates. Catch reports will be taken by satellite dispatch service, phone, fax, or e-mail. **The ADF&G Kodiak office uses the Matrix dispatch service. The Kodiak office Matrix number is 7894.** Vessel operators will be asked for their preferred reporting method when registering, and reporting worksheets will be issued at that time.

Reports will initially be taken at 10:00 a.m. daily. Reports should include the area fished, number of pot lifts, and pounds of cod retained for the previous 24-hour period (midnight to midnight).

INSEASON ANNOUNCEMENTS

The state-waters Pacific cod season will be managed using information gathered from vessel catch reports, weekly processor reports, dockside sampling information, and fish ticket data. All actions pertaining to regulatory changes in the state-waters season will be published in news releases and emergency orders as needed. ADF&G will make every effort to provide sufficient time for permit holders to configure gear for storage or place gear onboard before a closure; however, the potential exists for short advance notice closures.

Weekly harvest updates will be released each Monday after 4:00 p.m. while the state-waters season is open. News releases, emergency orders, and weekly catch updates may be obtained through the following methods:

- Available in the Kodiak ADF&G shellfish and groundfish management office, (2nd floor, 211 Mission Road) or on the ADF&G recorded message phone at 486-4559.
- Via e-mail to a list of recipients maintained by groundfish management staff in Kodiak.
- Posted on the ADF&G website at:
 http://www.cf.adfg.state.ak.us/region4/finfish/grndfish/11pcod.pdf
- Via telephone to participating processing facilities; processors typically inform the fleet and post news releases in their offices.

LANDING REQUIREMENTS

Landing requirements are specified in 5 AAC 28.541 (1) and (2) on pages 52 and 53 in the groundfish regulations booklet. With two exceptions, vessels participating in the state-waters Pacific cod season are required to deliver their catch within 48 hours after a closure. Vessels may have Pacific cod onboard after the 48-hour period following a closure only when 1) the cod were harvested as allowable bycatch in another directed fishery, or 2) the vessel has been delayed due to extraordinary circumstances and the vessel operator has contacted an ADF&G representative within 48 hours following the closure and has been granted additional time to reach the port of landing.

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¹ Use of trade names does not constitute an endorsement from ADF&G.

POT STORAGE

Pot storage requirements are specified in 5 AAC 28.532 on page 50 in the groundfish regulations booklet. Following closure of a parallel or state-waters Pacific cod season, groundfish pots may be stored with all bait and bait containers removed and doors secured fully open on rectangular pots and doors not secured closed on pyramid and conical pots in waters at depth (25 fathoms or deeper) for a maximum of seven days following the closure date. After seven days following a closure, groundfish pots must be removed from the water or stored in waters 25 fathoms or less.

FIGURES

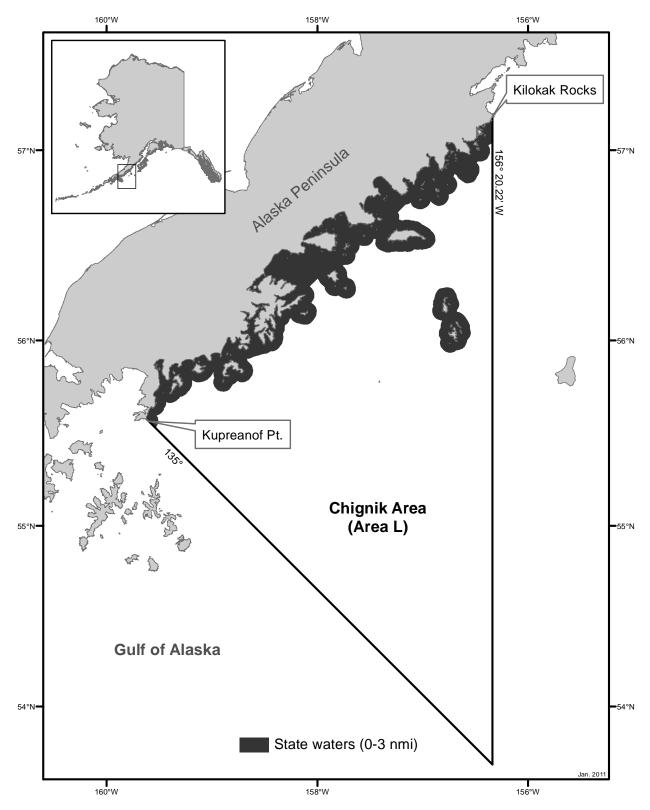


Figure 1.-Chignik Area for state-waters Pacific cod.



Alaska Department of Fish and Game

web site: http://www.cf.adfg.state.ak.us/region4/rgn4home.php

Kodiak Office

Mail Address: 211 Mission Road Physical Address: 211 Mission Road **Phone:** (907) 486-1840

2nd floor, Kodiak, Alaska Kodiak, Alaska 99615 **Record-A-Phone:** (907) 486-4559

FAX: (907) 486-1824

Wayne Donaldson Westward Region Shellfish/Groundfish Biologist wayne.donaldson@alaska.gov Kodiak, Chignik, Alaska Peninsula Area Groundfish Biologist Nick Sagalkin nick.sagalkin@alaska.gov

Mark Stichert Kodiak, Chignik, Alaska Peninsula Groundfish Biologist mark.stichert@alaska.gov

Dutch Harbor Office

Physical Address: F.T.S. building, 2nd floor Mail Address: P. O. Box 920587 **Phone:** (907) 581-1239

Dutch Harbor, Alaska 99692 Airport Beach Road, Dutch Harbor **FAX:** (907) 581-1572

Division of Alaska Wildlife Troopers

web site: http://www.dps.state.ak.us/AWT/

Kodiak Office

Mail Address: 2921 A Mill Bay Road Physical Address: 2921 A Mill Bay Road **Phone:** (907) 486-4762 Kodiak, Alaska 99615 Kodiak, Alaska **FAX:** (907) 486-5480

Paul Fussey Post Sergeant paul.fussey@alaska.gov

Commercial Fisheries Entry Commission web site: http://www.cfec.state.ak.us/

8800 Glacier Highway Physical Address: 8800 Glacier Highway #109 **Phone:** (907) 789-6150 Mail Address: Juneau, Alaska 99811-0302 Juneau, Alaska **FAX:** (907) 789-6170

National Marine Fisheries Service – ALASKA REGION web site: http://www.alaskafisheries.noaa.gov/

Sustainable Fisheries Division

Juneau Office **Phone:** (800) 304-4846 #3 **Dutch Harbor Office Phone:** (907) 581-2062 **Phone:** (907) 481-1780 Kodiak Office

NOAA Fisheries Enforcement

Dutch Harbor Office Phone: (907) 581-2061 Kodiak Office **Phone:** (907) 486-3298

APPENDIX B.	EXAMPLE (OF REPORT	ING WORK	SHEET

2011 Chignik Area State-Waters Pacific Cod Reporting Worksheet

Previous 24 Hour Period (midnight to midnight)	<u>Item 1</u> Area Fished	<u>Item 2</u> Number of Pots Lifted	Item 3 Pounds of Cod Retained
Date	Closest Bay	Number	Number
		1	

Instructions:

Report catch for the previous 24 hour period (midnight - midnight) to ADF&G Kodiak $\underline{\textbf{daily}}$ by any of the following methods:

* **Phone** (ADF&G Kodiak): 486.1840 or 486.1853

* E-mail: mark.stichert@alaska.gov

* Fax: 486.1824

* Matrix Dispatch: 7894

Reports will be taken at 10 am daily.

Report vessel name, area fished, number of pots lifted, and pounds of cod retained.

Do not combine reports. If one or more reporting periods are missed, report each period individually.

Fishery Management Plan for the State-Waters Pacific Cod Season in the South Alaska Peninsula Area, 2011

by

Mark A. Stichert

December 2010

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)		General		Mathematics, statistics	
centimeter	cm	Alaska Administrative		all standard mathematical	
deciliter	dL	Code	AAC	signs, symbols and	
gram	g	all commonly accepted		abbreviations	
hectare	ha	abbreviations	e.g., Mr., Mrs.,	alternate hypothesis	H_A
kilogram	kg		AM, PM, etc.	base of natural logarithm	e
kilometer	km	all commonly accepted		catch per unit effort	CPUE
liter	L	professional titles	e.g., Dr., Ph.D.,	coefficient of variation	CV
meter	m		R.N., etc.	common test statistics	$(F, t, \chi^2, etc.$
milliliter	mL	at	@	confidence interval	CI
millimeter	mm	compass directions:		correlation coefficient	
		east	E	(multiple)	R
Weights and measures (English)		north	N	correlation coefficient	
cubic feet per second	ft ³ /s	south	S	(simple)	r
foot	ft	west	W	covariance	cov
gallon	gal	copyright	©	degree (angular)	0
inch	in	corporate suffixes:		degrees of freedom	df
mile	mi	Company	Co.	expected value	E
nautical mile	nmi	Corporation	Corp.	greater than	>
ounce	oz	Incorporated	Inc.	greater than or equal to	≥
pound	lb	Limited	Ltd.	harvest per unit effort	HPUE
quart	qt	District of Columbia	D.C.	less than	<
yard	yd	et alii (and others)	et al.	less than or equal to	\leq
		et cetera (and so forth)	etc.	logarithm (natural)	ln
Time and temperature		exempli gratia		logarithm (base 10)	log
day	d	(for example)	e.g.	logarithm (specify base)	log _{2,} etc.
degrees Celsius	°C	Federal Information		minute (angular)	•
degrees Fahrenheit	°F	Code	FIC	not significant	NS
degrees kelvin	K	id est (that is)	i.e.	null hypothesis	H_{O}
hour	h	latitude or longitude	lat. or long.	percent	%
minute	min	monetary symbols		probability	P
second	S	(U.S.)	\$, ¢	probability of a type I error	
		months (tables and		(rejection of the null	
Physics and chemistry		figures): first three		hypothesis when true)	α
all atomic symbols		letters	Jan,,Dec	probability of a type II error	
alternating current	AC	registered trademark	®	(acceptance of the null	
ampere	A	trademark	TM	hypothesis when false)	β
calorie	cal	United States		second (angular)	"
direct current	DC	(adjective)	U.S.	standard deviation	SD
hertz	Hz	United States of		standard error	SE
horsepower	hp	America (noun)	USA	variance	
hydrogen ion activity	pН	U.S.C.	United States	population	Var
(negative log of)			Code	sample	var
parts per million	ppm	U.S. state	use two-letter		
parts per thousand	ppt,		abbreviations		
	‰		(e.g., AK, WA)		
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 10-52

FISHERY MANAGEMENT PLAN FOR THE STATE-WATERS PACIFIC COD SEASON IN THE SOUTH ALASKA PENINSULA AREA, 2011

by
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Alaska Department of Fish and Game Division of Sport Fish, Research and Technical Services 333 Raspberry Road, Anchorage, Alaska, 99518-1565

December 2010

The Fishery Management Reports series was established in 1989 by the Division of Sport Fish for the publication of an overview of management activities and goals in a specific geographic area, and became a joint divisional series in 2004 with the Division of Commercial Fisheries. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: http://www.sf.adfg.state.ak.us/statewide/divreports/html/intersearch.cfm. This publication has undergone regional peer review.

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(VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078

For information on alternative formats and questions on this publication, please contact: ADF&G Division of Sport Fish, Research and Technical Services, 333 Raspberry Road, Anchorage AK 99518 (907) 267-2375.

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ABSTRACT

The South Alaska Peninsula Area state-waters Pacific cod *Gadus macrocephalus* season is scheduled to open seven days after the closure of the federal/parallel Western Gulf of Alaska (WGOA) Pacific cod season. Vessels participating in the state-waters season may not exceed 58 feet in length, and legal gear is limited to pot and jig gear. No more than 60 pots or 5 mechanical jigging machines may be operated from a vessel. The 2011 guideline harvest level (GHL) of 16.74 million pounds, is equal to 25% of the Western Gulf of Alaska Acceptable Biological Catch (ABC) for Pacific cod. The pot vessel GHL is capped at 85% of the total GHL or 14.23 million pounds. Effective inseason management is dependent upon timely and accurate communication between the Alaska Department of Fish and Game (ADF&G) and the fishing fleet. In the absence of reliable inseason harvest information, ADF&G will adopt conservative management measures which may result in lost fishing opportunity.

Key words: Pacific cod, *Gadus macrocephalus*, South Alaska Peninsula Area, harvest strategy, regulations, guideline harvest level, state waters fishery, parallel fishery.

INTRODUCTION

AREA DESCRIPTION

The South Alaska Peninsula Area (Area M) for groundfish consists of all waters of the Pacific Ocean between a line extending 135° southeast from Kupreanof Point to a line extending south from 170° W long near the westernmost point of Chuginadak Island (Figure 1).

OVERVIEW

Two distinct Pacific cod fisheries occur within state waters (0-3 nmi) of the South Alaska Peninsula Area. The first fishery is prosecuted concurrent with the federal Western Gulf of Alaska (WGOA) Pacific cod *Gadus macrocephalus* fishery and is referred to as the "parallel" fishery. The parallel fishery is managed by adopting most National Marine Fisheries Service (NMFS) rules. The second Pacific cod fishery is the state-waters fishery. The state-waters fishery is independent of the federal/parallel fishery and is managed exclusively by Alaska Department of Fish and Game (ADF&G) under guidelines developed by the Alaska Board of Fisheries (BOF). The purpose of this document is to further define these fisheries and provide specific information on the 2011 South Alaska Peninsula Area state-waters Pacific cod season.

Parallel Season

The federal WGOA Pacific cod season (3–200 nmi) opens January 1 to pots, longline and jig gear and January 20 to trawl gear. When the federal WGOA is open, the state opens a concurrent parallel season inside state waters (0–3 nmi). Unless specifically prohibited, the same gear types in the federal WGOA Pacific cod fishery are allowed in the parallel fishery although non-pelagic trawl vessels are prohibited inside most state waters. Exceptions to gear permitted inside state waters are described under 5 AAC 39.164, Non-Pelagic Trawl Gear Restrictions. With the exception of vessels using jig gear, all vessels that participate in the federal/parallel fishery must have an activated vessel monitoring system (VMS; 5 AAC 28.087). All vessels targeting Pacific cod inside South Alaska Peninsula Area state waters (0–3 nmi) are restricted to a maximum of 58 feet in overall length. Vessels over 58 feet in length are not restricted from fishing in federal waters (3–200 nmi). Steller sea lion restrictions during the parallel season generally match federal management measures (5 AAC 28.087), with the exception of the haulout at Caton Island.

Vessels fishing exclusively in the parallel Pacific cod fishery are not required to possess a federal fishing permit (FFP) or gear endorsement (LLP). However all vessels must complete an ADF&G

Westward Region parallel groundfish registration. Vessels that possess a federal fisheries permit must comply with federal regulations regarding observer coverage and logbook requirements when operating within state waters unless they relinquish their federal permit.

The federal Pacific cod fishery closes when the Total Allowable Catch (TAC) is met or the incidental bycatch limit for Pacific halibut is exceeded. Pacific cod harvested during the parallel fishery are counted against the federal WGOA TAC. For additional information regarding federal Pacific cod fisheries contact NMFS (907-481-1780) or NMFS enforcement (907-486-3298).

State-Waters Season

In 1996, the BOF adopted state-waters Pacific cod management plans in three groundfish areas in the Westward Region: Kodiak, Chignik, and South Alaska Peninsula. The first state-waters Pacific cod seasons in these areas occurred in 1997. State-waters Pacific cod fisheries are open access fisheries that are independent of the federal/parallel fisheries.

Vessel registration for the federal/parallel fishery is not valid for the state-waters Pacific cod season; a separate state-waters Pacific cod registration is required. The South Alaska Peninsula Area state-waters Pacific cod season is an exclusive registration fishery. Vessels registered for the South Alaska Peninsula Area state-waters Pacific cod fishery may not register for any other exclusive or superexclusive state-waters Pacific cod season during 2011. Alternatively, if a vessel has registered for an exclusive or superexclusive state-waters Pacific cod fishery outside of the South Alaska Peninsula Area, that vessel may not participate in the South Alaska Peninsula Area state-waters Pacific cod fishery. Tenders for Pacific cod must also register for the state-waters season prior to beginning tender operations.

Pacific cod registrations may be obtained at ADF&G offices in Kodiak, Dutch Harbor, and seasonally in Sand Point and King Cove. They may also be obtained by fax from the Kodiak office at (907) 486-1824. Vessel operators must possess a 2011 CFEC interim use miscellaneous finfish permit card for the appropriate gear type prior to registration. CFEC and other fishery related contact information is located in Appendix A.

During the South Alaska Peninsula Area state-waters Pacific cod season, vessels may register to simultaneously participate in WGOA walleye pollock openings in waters between 170° W long and Castle Cape (158°20' W long). Vessels actively participating in the South Alaska Peninsula state-waters Pacific cod fishery may leave baited pot gear on the fishing grounds while trawling for WGOA walleye pollock. However those vessels must contact ADF&G staff in Kodiak prior to entering and exiting the WGOA walleye Pollock. Vessel operators are reminded that all state-waters Pacific cod delivery and gear storage requirements apply in the event the state-waters Pacific cod season closes while vessels are targeting walleye pollock. Vessels intending to participate in groundfish fisheries outside of waters between 170° W long and Castle Cape (158°20' W long) must first invalidate their South Alaska Peninsula Area state-waters Pacific cod registration and legally store all gear. Vessel operators may also simultaneously register and participate in the directed black rockfish fishery in the South Alaska Peninsula Area.

2011 GUIDELINE HARVEST LEVEL

The guideline harvest level (GHL) for the state-waters Pacific cod season is determined annually as a percentage of the WGOA Acceptable Biological Catch (ABC) for Pacific cod.

The percentage of the ABC for the WGOA allocated to the South Alaska Peninsula state-waters Pacific cod season is further described in 5 AAC 28.577 South Alaska Peninsula Area Pacific Cod Management Plan (e)(1) and (e)(2). **The 2011 GHL for the South Alaska Peninsula Area state-waters Pacific cod fishery is 16.74 million pounds.** By regulation, 85% of the total GHL, or 14.23 million pounds is allocated to the pot fleet. Although no formal GHL allocation exists for the jig fleet, ADF&G will manage jig gear harvests up to 15% or 2.51 million pounds of the total South Alaska Peninsula GHL.

BYCATCH

Inside state waters (0-3 nmi), species that are not actively managed by the State of Alaska, ADF&G adopts the NMFS maximum retainable bycatch percentages applicable in the Exclusive Economic Zone (EEZ; 3-200 nmi) off Alaska. Retainable bycatch percentages are subject to change and may differ between species. Unless otherwise specified, the maximum bycatch limit for any species of groundfish is 20% by weight of the targeted groundfish species. Notably, lingcod and octopus may be retained up to 20% by weight of retained Pacific cod and must be landed on the miscellaneous finfish card required to harvest Pacific cod. Additionally, lingcod may only be retained from July 1 to December 31. Black and dark rockfish may be retained up to 5% by weight of landed Pacific cod. However, vessels that are concurrently registered for the state-waters Pacific cod and the directed black rockfish fishery may retain black rockfish in excess of the 5% bycatch limit when the South Alaska Peninsula Area directed black rockfish fishery is open. Updated retainable bycatch percentages can be found on the NMFS Alaska Region website: http://www.fakr.noaa.gov/ or by contacting ADF&G in Kodiak (Appendix A).

STATE-WATERS PACIFIC COD MANAGEMENT PLAN

ADF&G manages the South Alaska Peninsula Area state-waters Pacific cod season in accordance with the South Alaska Peninsula Area Pacific Cod Management Plan (5 AAC 28.577). The management plan is described in detail on pages 55–58 in the 2010-2011 Statewide Commercial Groundfish Fishing Regulations booklet. Following is a summary of important regulations that govern the South Alaska Peninsula state-waters Pacific cod season:

- The South Alaska Peninsula state-waters Pacific cod season opens seven days after the initial federal/parallel Pacific cod season closes.
- The season opening date will be delayed 24 hours if the National Weather Service marine forecast for Area 155 (Castle Cape to Cape Sarichef) issued at 4:00 a.m. on the scheduled opening date contains gale force wind warnings for that day and night plus the following day and night. If, after the initial weather delay, the following day's 4:00 a.m. National Weather Service marine forecast contains gale warnings for that day and night plus the following day and night, the opening of the state-waters season will be delayed for an additional 24 hours. Weather delays may continue on a rolling 24-hour basis for seven days beyond the initial opening date.
- Vessels may not exceed 58 feet overall length.
- Pot and jig gear are the only legal gear types during the state-waters season.
- Vessels may not use pot and jig gear at the same time. However, operators may change gear registration by written request, in person, or by fax to the Kodiak ADF&G office or in Sand Point or King Cove when staff are available.

- No more than 60 groundfish pots may be operated from a vessel, unless the pot limit has been rescinded by emergency order on or after October 30. Buoy tags are required when the 60 pot limit is in effect. Tags should be placed on the main buoy or trailer buoy and are available from the Kodiak and Dutch Harbor ADF&G offices. Arrangements will be made to distribute buoy tags locally in Sand Point and King Cove prior to the fishery opening date. If tags are not available locally in Sand Point and King Cove, buoy tags or replacement tags can be obtained through the mail from the Kodiak office.
- No more than five mechanical jigging machines may be operated from a vessel unless the jig limit has been rescinded by emergency order after October 30. Jigging machines may not have more than five lines. Each of the five permissible lines may have no more than 30 hooks.
- Vessels may operate both hand troll and mechanical jig gear at the same time. Separate CFEC cards and fish tickets are required for each gear type at the time of landing.
- The allocation for pot gear is 85% of the total GHL. There is no regulatory allocation for mechanical jig/hand troll gear. The state will manage the jig fleet for the remainder of the total state-waters season GHL. If the remainder of the GHL is not harvested by the jig fleet by October 30, the season may be reopened to both pot and jig gear by emergency order.
- If a significant portion of the state-waters season GHL remains unharvested on or after October 30, the state-waters season may close and immediately reopen without gear limits and vessel size restrictions.
- During the state-waters season, a vessel owner or operator using pot gear <u>must report</u> daily the harvest location, number of pot lifts, and pounds of Pacific cod retained in the previous 24-hour period. Additional information on catch reporting is outlined below.

CATCH REPORTING

ADF&G will manage the South Alaska Peninsula Area state-waters Pacific cod season using inseason catch reports (Appendix B) provided by vessel operators. Inseason catch reports allow the department to consider how changes in effort, fleet behavior, and weather influence harvest rates. Catch reports will be taken by satellite dispatch service, phone, fax, or e-mail. The ADF&G Kodiak office uses the Matrix¹ dispatch service. The Kodiak office Matrix number is 7894. Vessel operators will be asked for their preferred reporting method when registering, and reporting worksheets will be issued at that time.

Reports will initially be taken at 9:00 a.m. daily. Reports must include the area fished, number of pot lifts, and pounds of cod retained for the previous 24-hour period (midnight to midnight).

INSEASON ANNOUNCEMENTS

The state-waters Pacific cod season will be managed using information gathered from mandatory catch reports, weekly processor reports, dockside sampling information, and fish ticket data. All actions pertaining to regulatory changes in the state-waters season will be published in news releases and emergency orders as needed. ADF&G will make every effort to provide sufficient

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¹Use of trade names does not constitute an endorsement from ADF&G.

time for permit holders to configure gear for storage or place gear onboard before a closure; however, the potential exists for short advance notice closures.

Weekly harvest updates will be released each Monday after 4:00 p.m. while the state-waters season is open. News releases, emergency orders, and weekly catch updates may be obtained through the following methods:

- Available in the Kodiak ADF&G shellfish and groundfish management office, (2nd floor, 211 Mission Road) or on the ADF&G recorded message phone at 486-4559.
- Via FAX and e-mail to a list of recipients maintained by shellfish management staff in Kodiak.
- Posted on the ADF&G website at: http://www.cf.adfg.state.ak.us/region4/finfish/grndfish/11pcod.pdf
- Via telephone or FAX to participating processing facilities; processors typically inform the fleet and post news releases in their offices.

LANDING REQUIREMENTS

Landing requirements are specified in 5 AAC 28.581 (1) and (2) on page 58 in the groundfish regulations booklet. With two exceptions, vessels participating in the state-waters Pacific cod season are required to deliver their catch within 48 hours after a closure. Vessels may have Pacific cod onboard after the 48-hour period following a closure only when 1) the cod were harvested as allowable bycatch in another directed fishery, or 2) the vessel has been delayed due to extraordinary circumstances and the vessel operator has contacted an ADF&G representative within 48 hours following the closure and has been granted additional time to reach the port of landing.

POT STORAGE

Following the closure of the parallel or state-waters Pacific cod seasons, groundfish pots may be stored with all bait and bait containers removed and doors secured fully open on rectangular pots and doors not secured closed on pyramid and conical pots in waters at depth (25 fathoms or deeper) for up to seven days following the closure date. After seven days following a closure, groundfish pots must be removed from the water or stored open and unbaited in waters not more than 25 fathoms deep. Vessels that participate in the initial federal/parallel Pacific cod season prior to the opening of the South Alaska Peninsula Area state-waters season may leave their pots open and unbaited and at fishing depth for the seven days in between seasons. If the start of the state-waters season is delayed due to weather, the seven day pot storage requirement will be adjusted accordingly. No more than 60 pots may be in operation at the time of the state-waters season opening and those 60 pots must have buoy tags attached at the time of the opening.

FIGURES

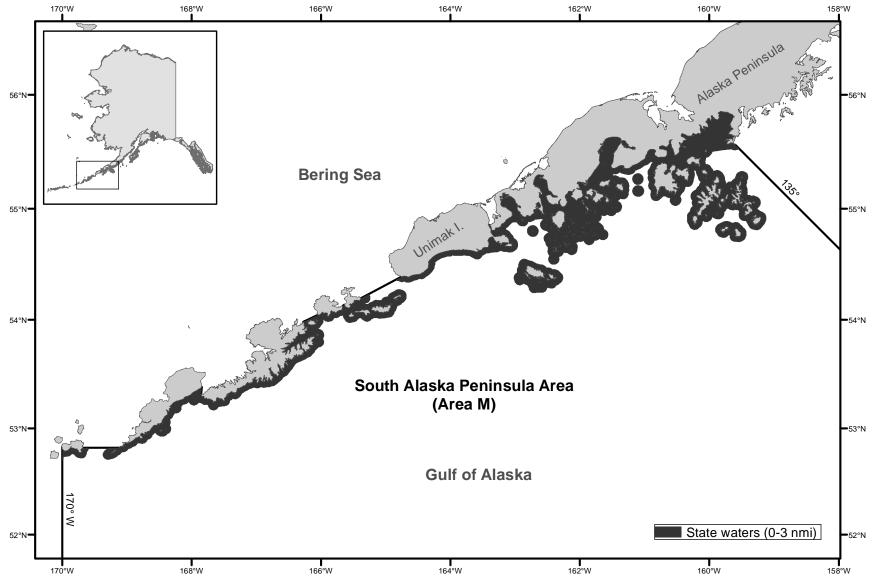


Figure 1.-South Alaska Peninsula Area for state-waters Pacific cod.



Alaska Department of Fish and Game

web site: http://www.cf.adfg.state.ak.us/region4/rgn4home.php

wayne.donaldson@alaska.gov

Kodiak Office

Mail Address: 211 Mission Road Physical Address: 211 Mission Road Phone: (907) 486-1840

Kodiak, Alaska 99615 2nd floor, Kodiak, Alaska **Record-A-Phone:** (907) 486-4559

FAX: (907) 486-1824

Wayne Donaldson Westward Region Shellfish/Groundfish Biologist

Nick Sagalkin Kodiak, Chignik, Alaska Peninsula Area Shellfish/Groundfish Biologist nick.sagalkin@alaska.gov

Mark Stichert Kodiak, Chignik, Alaska Peninsula Shellfish/Groundfish Biologist mark.stichert@alaska.gov

Kally Spalinger Kodiak, Chignik, Alaska Peninsula Shellfish/Groundfish Biologist kally.spalinger@alaska.gov

Dutch Harbor Office

Mail Address: P. O. Box 920587 Physical Address: F.T.S. building, 2nd floor Phone: (907) 581-1239

Dutch Harbor, Alaska 99692 Airport Beach Road, Dutch Harbor FAX: (907) 581-1572

Division of Alaska Wildlife Troopers

web site: http://www.dps.state.ak.us/AWT/

Kodiak Office

Mail Address: 2921 A Mill Bay Road Physical Address: 2921 A Mill Bay Road Phone: (907) 486-4762

Kodiak, Alaska 99615 Kodiak, Alaska **FAX:** (907) 486-5480

Paul Fussey Post Sergeant paul.fussey@alaska.gov

Commercial Fisheries Entry Commission web site: http://www.cfec.state.ak.us/

Mail Address: 8800 Glacier Highway Physical Address: 8800 Glacier Highway #109 Phone: (907) 789-6150

Juneau, Alaska 99811-0302 Juneau, Alaska **FAX:** (907) 789-6170

National Marine Fisheries Service – ALASKA REGION web site: http://www.alaskafisheries.noaa.gov/

Sustainable Fisheries Division

 Juneau Office
 Phone: (800) 304-4846 #3

 Dutch Harbor Office
 Phone: (907) 581-2062

 Kodiak Office
 Phone: (907) 481-1780

NOAA Fisheries Enforcement

Dutch Harbor OfficePhone: (907) 581-2061Kodiak OfficePhone: (907) 486-3298

APPENDIX B	. EXAMPLE (OF REPORTI	ING WORKSHE	ET

2011 South Alaska Peninsula State-Waters Pacific Cod Reporting Worksheet

Vessel Name:_____

Previous 24 Hour Period (midnight to midnight)	<u>Item 1</u> Area Fished	<u>Item 2</u> Number of Pots Lifted	Item 3 Pounds of Cod Retained
Date	Closest Pov	Number	Number
Date	Closest Bay	Number	Number

Instructions:

Report catch for the previous 24 hour period (Midnight - Midnight) to ADF&G Kodiak $\underline{\textbf{daily}}$ by any of the following methods:

* E-mail: mark.stichert@alaska.gov

* Fax: 486.1824

Reports will be taken daily between 9:00am and 10:00am.

Report vessel name, area fished, number of pots lifted, and pounds of cod retained.

Do not combine reports. If one or more reporting periods are missed, report each period individually.