Fishery Management Plan for the Kodiak Area State-Waters Pacific Cod Season, 2014

by

Mark Stichert
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)
centimeter cm
decimeter dL
gram g
hectare ha
kilogram kg
kilometer km
liter L
meter m
milliliter mL
millimeter mm

Weights and measures (English)
cubic feet per second ft³/s
foot ft
gallon gal
inch in
mile mi
nautical mile nmi
ounce oz
pound lb
quart qt
yard yd

time and temperature
day d
degrees Celsius °C
degrees Fahrenheit °F
degrees kelvin K
hour h
minute min
second s

Physics and chemistry
all atomic symbols
amperes A
calories cal
direct current DC
degrees kelvin K
hertz Hz
horsepower hp
hydrogen ion activity pH
(parts per million ppm)
(parts per thousand ppt)
volts V
watts W

General
Alaska Administrative Code AAC
all commonly accepted abbreviations e.g., Mr., Mrs., AM, PM, etc.
e.g., Dr., Ph.D., R.N., etc.

Mathematics, statistics
all standard mathematical signs, symbols and abbreviations
alternate hypothesis H₀
base of natural logarithm e
catch per unit effort CPUE
coefficient of variation CV
common test statistics (F, t, χ², etc.) (F, t, χ², etc.)
correlation coefficient (multiple) R
correlation coefficient (simple) r
covariance cov
degree (angular) °
degrees of freedom df
degree of freedom df
expected value E
harvest per unit effort HPUE
less than <
logarithm (natural) ln
logarithm (base 10) log
logarithm (base 10) log
logarithm (natural) ln
logarithm (base 10) log
logarithm (base 10) log
minute (angular) „
not significant NS
null hypothesis H₀
percent %
probability P
probability of a type I error (rejection of the null hypothesis when true) α
probability of a type II error (acceptance of the null hypothesis when false) β
second (angular) "
standard deviation SD
standard error SE
variance
population var
sample var

exempli gratia (for example) e.g.
Federal Information Code FIC
id est (that is) i.e.
latitude or longitude lat or long
monetary symbols (U.S.)
months (tables and figures): first three letters
registered trademark trademark
United States (adjective)
United States of America (noun)
United States U.S.

Statistical symbols
multiple correlation coefficient R
standard deviation SD
standard error SE
FISHERY MANAGEMENT REPORT NO. 13-47

FISHERY MANAGEMENT PLAN FOR THE KODIAK AREA STATE-WATERS PACIFIC COD SEASON, 2014

by

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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
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ADF&G Division of Sport Fish, Research and Technical Services, 333 Raspberry Rd, Anchorage AK 99518 (907) 267-2375.
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ABSTRACT
This document provides an overview of parallel and state-waters Pacific cod Gadus macrocephalus fisheries and summarizes regulations governing the 2014 Kodiak Area state-waters Pacific cod season. The Kodiak Area state-waters Pacific cod season for pot gear is scheduled to open 7 days after closure of the Central Gulf of Alaska (CGOA) federal/parallel Pacific cod pot gear sector A-season. The Kodiak Area state-waters Pacific cod season for jig gear is scheduled to open 48 hours after closure of the CGOA federal/parallel Pacific cod jig gear sector A-season; however, if the CGOA jig gear sector has not closed by March 15 the state-waters jig gear season may open pending assessment of effort, harvest rate, and remaining federal quota. Legal gear for the state-waters Pacific cod season is limited to pot, mechanical jigging machine, and hand troll gear. No more than 60 pots or 5 mechanical jigging machines may be operated from a vessel. The 2014 Kodiak Area state-waters season Pacific cod guideline harvest level (GHL) is 14.63 million pounds; pot and jig vessels are each allocated 50 percent of the total GHL or 7.32 million pounds.

Key words: Pacific cod, Gadus macrocephalus, Kodiak Area, management plan, regulations, jigging machine, pot, guideline harvest level, parallel season, state-waters season

INTRODUCTION

AREA DESCRIPTION
The Kodiak groundfish registration area consists of all waters south of the latitude of Cape Douglas (58°51.10' N lat), west of 149° W long, and east of a line extending south from the Alaska Peninsula near Kilokak Rocks (156°20.22' W long; Figure 1).

OVERVIEW
Two distinct Pacific cod Gadus macrocephalus fisheries occur within state waters (0–3 nmi) of the Kodiak Management Area. The first fishery is prosecuted concurrent to 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) regulations and management actions. The second Pacific cod fishery is the Kodiak Area state-waters fishery. The state-waters fishery is independent of the federal/parallel fishery and is managed exclusively by the Alaska Department of Fish and Game (ADF&G) under guidelines developed by the Alaska Board of Fisheries (BOF).

The North Pacific Fishery Management Council (NPFMC) recently established sector allocations within the federal/parallel Pacific cod fisheries in the federal CGOA and Western Gulf of Alaska (WGOA) management areas. The NPFMC’s action established unique Pacific cod harvest allocations for pot, jig, trawl, and longline gear sectors. During 2014, the federal Pacific cod season for each gear sector will be prosecuted independently of other Pacific cod gear sectors resulting in staggered federal season closure dates depending on gear type. Prior to federal sector allocations, all gear types competed for Pacific cod during a single derby-style federal/parallel fishery.

As a result of federal Pacific cod sector allocations, the BOF modified aspects of the Kodiak Area Pacific Cod Management Plan (5 AAC 28.467) during fall 2011 to ensure state-waters Pacific cod fisheries continue to provide opportunity for fishery stakeholders. The purpose of this document is to further describe Pacific cod regulations and provide specific information on the 2014 Kodiak Area state-waters Pacific cod season.
**Parallel Fishery**

When the federal (3–200 nmi) CGOA area is open to directed Pacific cod fishing, the State of Alaska opens a concurrent parallel fishery inside state waters (0–3 nmi). Unless specifically prohibited, the same gear types in the federal Pacific cod fishery are allowed in the parallel fishery although nonpelagic trawl gear is prohibited inside most state waters. With the exception of vessels using jig gear, all vessels that participate in the parallel fishery must have an activated vessel monitoring system (VMS: 5 AAC 28.087(c)). In the Kodiak Area, Steller sea lion restrictions during the parallel fishery match federal management measures (5 AAC 28.087), except for the Cape Barnabas haulout, which is open for pot and jig vessels during the parallel season.

All vessel operators or agents must obtain a Westward Region parallel groundfish vessel registration from ADF&G prior to fishing in a parallel season. Under State of Alaska regulations, vessel that fish in the parallel Pacific cod fishery are not required to possess a federal fishing permit (FFP) or Pacific cod gear endorsement administered through the federal License Limitation Program (LLP). Vessel operators that possess a FFP or LLP and participate in the parallel fishery should be aware of federal regulations regarding observer coverage, logbook requirements, and other NMFS regulations.

The federal/parallel Pacific cod fisheries are divided into two seasons; the A-season and B-season. The federal/parallel Pacific cod A-season opens January 1 to pot, longline and jig gear sectors and January 20 to the trawl gear sector. The federal/parallel Pacific cod jig sector B-season opens June 10. The federal/parallel B-season for all other gear sectors begins September 1.

Federal/parallel Pacific cod seasons for pot, longline, and trawl gear sectors close when their respective sector harvest allocations are met or when prohibited species catch limits are exceeded. The federal/parallel Pacific cod A-season for the jig gear sector closes when the jig gear sector harvest allocation is achieved; however, if the federal/parallel A-season jig sector harvest allocation has not been achieved by March 15 the parallel jig gear sector A-season may close on or about March 15 to allow the Kodiak Area state-waters jig gear season to open. Within each gear sector, Pacific cod harvested during parallel and federal fisheries accrue against that sector’s harvest allocation.

For additional information regarding federal Pacific cod regulations and harvest updates contact NMFS (907-586-7202), NMFS enforcement (907-486-3298), or the NMFS Observer Program (206-526-4195). For other information regarding the parallel fishery contact ADF&G in Kodiak (907-486-1840).

**State-Waters Fishery**

State-waters Pacific cod fisheries are open access fisheries and prosecuted independent of the federal/parallel fisheries. Specific information for the 2014 Kodiak Area state-waters Pacific cod fishery is outlined below.
STATE-WATERS PACIFIC COD SEASON

OVERVIEW
Regulations pertaining to the Kodiak Area Pacific cod fisheries begin on page 38 of the 2013–2014 Statewide Commercial Groundfish Fishing Regulations booklet. ADF&G manages the Kodiak Area state-waters Pacific cod season in accordance with 5 AAC 28.467 Kodiak Area Pacific Cod Management Plan. Following is a summary of important regulations that govern the Kodiak Management Area state-waters Pacific cod season.

2014 GUIDELINE HARVEST LEVEL
The guideline harvest level (GHL) for the Kodiak Area state-waters Pacific cod season is based on 12.5 percent of the CGOA Acceptable Biological Catch (ABC) for Pacific cod. The 2014 Kodiak Area GHL for Pacific cod is 14.63 million pounds. By regulation, 50 percent of the total GHL or 7.32 million pounds is allocated to the pot fleet and 50 percent of the total GHL or 7.32 million pounds is allocated to the jig fleet.

SEASON DATES
Pot Gear
The Kodiak Area state-waters Pacific cod season for pot gear will open 7 days after closure of the CGOA federal/parallel Pacific cod pot gear sector A-season. The state-waters season for pot gear will close when the Kodiak Area Pacific cod pot gear GHL allocation has been harvested. Harvest by pot vessels over 58 feet in length is capped at 50 percent of the pot allocation or 3.66 million pounds.

If the state-waters pot gear GHL allocation has not been fully harvested by August 28, the state-waters pot gear season will close on August 28 to allow the CGOA parallel Pacific cod pot gear sector B-season to open September 1. If the state-waters season is reopened after the federal CGOA pot sector B-season closes, the large pot vessel harvest cap will be removed. A detailed summary of state-waters and parallel season dates is located in Appendix B.

Jig Gear
The Kodiak Area state-waters Pacific cod season for jig gear will open 48-hours after closure of the CGOA federal/parallel Pacific cod jig gear sector A-season. If the CGOA federal/parallel jig gear sector A-season has not closed by March 15, ADF&G may close the parallel (0–3 nmi) jig sector season on or after March 15 and open the Kodiak Area state-waters Pacific cod season for jig gear. ADF&G will close the parallel season based on the department’s ability to provide for an orderly fishery through an assessment of effort, harvest rate, or remaining federal/parallel Pacific cod jig gear quota.

If the state-waters jig season opens prior to closure of the federal jig sector season, the Kodiak Area state-waters season (0–3 nmi) would be prosecuted concurrent to the federal (3–200 nmi) CGOA jig gear sector Pacific cod A-season. Vessels that choose to participate in the Kodiak Area state-waters season will be subject to state fisheries regulations and all Pacific cod harvested in state waters will be deducted from the Kodiak Area state-waters jig gear GHL allocation. Vessels that choose to participate in the federal CGOA jig gear sector season will be
subject to federal fisheries regulations and all Pacific cod harvested in federal waters will be deducted from the federal CGOA jig gear sector harvest allocation.

When the Kodiak Area state-waters and CGOA federal Pacific cod seasons are open concurrently for the same gear:

- Vessels may not simultaneously participate in the Kodiak state-waters season and any other concurrent Pacific cod season.
- Vessels registered for the state-waters season must invalidate their Kodiak Area state-waters Pacific cod vessel registration prior to participating in a federal CGOA jig gear sector season.
- All Pacific cod must be delivered prior to validating or invalidating a Kodiak Area state-waters Pacific cod vessel registration.

The Kodiak Area state-waters Pacific cod season for jig gear will close when the Kodiak Area Pacific cod jig GHL allocation has been harvested. If the Kodiak Area state-waters Pacific cod jig GHL allocation has not been fully harvested by June 8, the state-waters Pacific cod season may close on June 8 based on inseason assessment of effort, harvest rate, or remaining state-waters GHL to allow the CGOA federal/parallel Pacific cod jig gear sector B-season to open June 10. After closure of the federal/parallel CGOA Pacific cod jig gear B-season, the state-waters Pacific cod season will reopen if the state-waters Pacific cod GHL allocation has not been achieved. A detailed summary of state-waters and parallel season dates is located in Appendix B.

**GHL Rollover Provisions**

If a substantial portion of the total state-waters season GHL remains unharvested on or after September 1, gear limits may be removed to facilitate full harvest of the GHL.

If the total Kodiak Area state-waters Pacific cod GHL has not been harvested upon closure of the federal/parallel CGOA Pacific cod gear sector B-season, ADF&G may reopen the state-waters season to both pot and jig gear. All actions pertaining to rollover provisions will be announced by ADF&G news release.

**Vessel Registration Requirements and Tender Vessels**

The Kodiak Area is an exclusive registration area for Pacific cod (5 AAC 28.406). Once a vessel is registered for the 2014 Kodiak Management Area state-waters Pacific cod season that vessel may not be used to take Pacific cod during any other exclusive or superexclusive state-waters Pacific cod management area during 2014. Conversely, if a vessel is registered for an exclusive or superexclusive state-waters Pacific cod season outside of the Kodiak Management Area, that vessel may not participate in the 2014 Kodiak Area state-waters Pacific cod season. However, if a substantial portion of the state-waters season GHL remains unharvested after October 30, the Kodiak Area may be designated as a non-exclusive registration area for the remainder of the year.

Pacific cod vessel registrations may be obtained in person or by fax at ADF&G offices in Kodiak and Dutch Harbor. Vessel operators must possess a 2014 Commercial Fisheries Entry Commission (CFEC) interim use miscellaneous finfish permit card for the appropriate gear type prior to registration. CFEC and other fishery related contact information is provided in Appendix A.
Tenders vessel operators must obtain a tender vessel registration for the state-waters Pacific cod season (5 AAC 28.033). Tender operators may target Pacific cod with either pot or jig gear while operating as a tender vessel. In this situation, tender vessels must register to fish and register to tender. Separate fish tickets must be completed for fish landed by the tender vessel and for fish taken from other fishing vessels.

**LEGAL GEAR, GEAR LIMITS, AND BUOY TAGS**

Pot and jig gear are the only legal gear types during the state-waters Pacific cod season. Vessels may not use pot and jig gear at the same time. However, vessel operators may change gear registration by contacting the Kodiak ADF&G office (Appendix A). During the state-waters season, groundfish pots of any size may be used to take Pacific cod although individual tunnel eye openings on pot gear must measure 36 inches in perimeter or less. All pots must be equipped with a biodegradable escape mechanism as described in 5 AAC 39.145 *Escape Mechanism for Shellfish and Bottomfish Pots*. Pots must contain an opening 18 inches or greater in length placed within 6 inches of the bottom of the pot, laced, sewn, or secured together by a single length of untreated, 100 percent cotton twine no larger than 30 thread count. 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 for pot gear when the 60 pot limit is in effect. Tags must be placed on a surface buoy and are available at a cost of $1.50 per tag from the Kodiak and Dutch Harbor ADF&G offices. A valid 2014 miscellaneous finfish CFEC permit card for pot gear is required prior to purchasing tags.

If buoy tags are lost during the season, replacement tags may be obtained by contacting ADF&G in Kodiak. The vessel owner, operator, or agent must complete and submit an affidavit form to ADF&G that describes how the tags were lost and the location and unique number(s) of each lost tag. Pots with lost tags may remain in the water but those pots must be secured open with bait and bait containers removed until replacement tags are attached.

A vessel using mechanical jigging machines is restricted to operating no more than 5 lines unless the line limit has been rescinded by emergency order after September 1. No more than 30 hooks may be attached to each of the 5 permissible lines. Jig vessel operators may use both hand troll and mechanical jigging gear at the same time. Separate CFEC cards and fish tickets are required for each gear type at the time of landing.

**POT BUOY MARKING REQUIREMENTS**

Buoys attached to groundfish pots must be marked with the permanent ADF&G vessel number that corresponds with the vessel operating that gear as specified in 5 AAC 28.050. Buoys may not be marked with any additional numbers; however, symbols and letters are acceptable.

**POT STORAGE AND LANDING REQUIREMENTS**

Pot storage requirements are specified in 5 AAC 28.432, starting on page 40 in the groundfish regulations booklet. Following closure of a parallel or state-waters Pacific cod season, groundfish pots 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 may be stored in waters greater than 25 fathoms in depth for a maximum of 7 days following the closure date. After 7 days following a closure, groundfish pots must be removed from the water or stored in waters 25 fathoms or less.
Landing requirements are specified in 5 AAC 28.471. With two exceptions, vessels participating in the Kodiak Area state-waters Pacific cod season are required to deliver all catch within 48 hours after a closure. Vessels may have Pacific cod onboard after the 48-hour period following a closure only when 1) Pacific 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.

BYCATCH
In state waters (0–3 nmi), ADF&G adopts the NMFS maximum retainable bycatch percentages applicable in federal waters (3–200 nmi) for groundfish species that are not actively managed by the State of Alaska. Retainable bycatch percentages are subject to change and may differ between species.

Vessels using jig gear may retain lingcod, black rockfish, and dark rockfish up to 20 percent by weight of Pacific cod onboard the vessel. Vessels using pot gear may retain lingcod, black rockfish, and dark rockfish up to 5 percent by weight of Pacific cod onboard the vessel. Lingcod may only be retained from July 1 to December 31 and must be 35 inches or greater in length from tip of the snout to the tip of the tail. Updated retainable bycatch percentages for federally managed species are available on the NMFS Alaska Region website: http://alaskafisheries.noaa.gov/rr/tables.htm.

CATCH REPORTING
ADF&G will manage the Kodiak Area state-waters Pacific cod pot gear season using inseason catch reports provided by vessel operators. Vessel operators using pot gear are encouraged to report daily the harvest location, number of pot lifts, and pounds of Pacific cod retained in the previous 24-hour period (midnight to midnight). Inseason catch reports allow ADF&G to consider how changes in effort, fleet behavior, tides, and weather influence harvest rates. Effective inseason management is dependent upon timely and accurate communication between 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. Catch reports will be taken by satellite dispatch (0715), phone (907-486-1840), or email (mark.stichert@alaska.gov). Reporting worksheets will be issued to vessel operators during registration. Reports will initially be taken starting at 9:00 a.m. daily.

INSEASON ANNOUNCEMENTS
All actions pertaining to regulatory changes in the state-waters season will be communicated to the fleet by dispatch, distributed via the ADF&G news release email subscription service (http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main), placed on the ADF&G recorded information phone (907-486-4559, option 1), and relayed through participating processors and National Weather Service marine weather VHF forecasts when applicable. ADF&G will make every effort to provide sufficient advance notice prior to 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. Weekly harvest updates are available on the ADF&G website at: http://www.adfg.alaska.gov/index.cfm?adfg=CommercialByAreaKodiak.groundfish#/harvest or from the ADF&G groundfish management office in Kodiak.
FIGURES
Figure 1.—Kodiak Management Area for state-waters Pacific cod.
APPENDIX A. LIST OF FISHERY CONTACTS, BY AGENCY AND LOCATION
Appendix A1.—List of fishery contacts, by agency and location.

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<td><strong>Kodiak Office</strong></td>
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<tr>
<td><strong>Mail Address:</strong> 351 Research Court</td>
<td><strong>Physical Address:</strong> 351 Research Court</td>
</tr>
<tr>
<td>Kodiak, Alaska 99615</td>
<td>Kodiak, Alaska</td>
</tr>
<tr>
<td><strong>Phone:</strong> (907) 486-1840</td>
<td><strong>Record-A-Phone:</strong> (907) 486-4559</td>
</tr>
<tr>
<td><strong>FAX:</strong> (907) 486-1824</td>
<td><strong>Satellite Dispatch:</strong> 0715 or 7894</td>
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<tr>
<td><strong>Wayne Donaldson</strong></td>
<td>Westward Region Shellfish/Groundfish Management Coordinator</td>
</tr>
<tr>
<td><strong>Mark Stichert</strong></td>
<td>Kodiak, Chignik, Alaska Peninsula Area Shellfish/Groundfish Biologist</td>
</tr>
<tr>
<td><strong>Trent Hartill</strong></td>
<td>Kodiak, Chignik, Alaska Peninsula Assistant Area Shellfish/Groundfish Biologist</td>
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<tr>
<td><strong>Division of Alaska Wildlife Troopers</strong></td>
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<td><strong>Kodiak Office</strong></td>
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<tr>
<td><strong>Mail Address:</strong> P. O. Box 920587</td>
<td><strong>Physical Address:</strong> F.T.S. building, 2nd floor</td>
</tr>
<tr>
<td>Dutch Harbor, Alaska 99692</td>
<td>Airport Beach Road, Dutch Harbor</td>
</tr>
<tr>
<td><strong>Phone:</strong> (907) 581-1239</td>
<td><strong>FAX:</strong> (907) 581-1572</td>
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<tr>
<td><strong>Will Ellis</strong></td>
<td>Lieutenant</td>
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<td><strong>Commercial Fisheries Entry Commission</strong></td>
<td>web site: <a href="http://www.cfec.state.ak.us/">http://www.cfec.state.ak.us/</a></td>
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<td><strong>Kodiak Office</strong></td>
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<td><strong>Mail Address:</strong> 2921 A Mill Bay Road</td>
<td><strong>Physical Address:</strong> 2921 A Mill Bay Road</td>
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<td>Kodiak, Alaska 99615</td>
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<tr>
<td><strong>Phone:</strong> (907) 486-4762</td>
<td><strong>FAX:</strong> (907) 486-5810</td>
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<tr>
<td><strong>Sustainable Fisheries Division</strong></td>
<td></td>
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<tr>
<td><strong>Juneau Office</strong></td>
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<td><strong>Dutch Harbor Office</strong></td>
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<td><strong>Kodiak Office</strong></td>
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<td><strong>NOAA Fisheries Enforcement</strong></td>
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<td><strong>Dutch Harbor Office</strong></td>
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<td><strong>Kodiak Office</strong></td>
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<tr>
<td><strong>NOAA Observer Program</strong></td>
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<tr>
<td><strong>Phone:</strong> (206) 526-4195</td>
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</tbody>
</table>
APPENDIX B. SUMMARY OF KODIAK, CHIGNIK, AND SOUTH ALASKA PENINSULA PARALLEL AND STATE-WATERS PACIFIC COD SEASON DATES AND GUIDELINE HARVEST LEVELS BY GEAR TYPE
Appendix B1.—Summary of Kodiak, Chignik, and South Alaska Peninsula parallel and state-waters Pacific cod season dates and 2014 guideline harvest levels by gear type.

<table>
<thead>
<tr>
<th>Pacific Cod Season Opening Dates</th>
<th>Kodiak</th>
<th>Chignik</th>
<th>South Alaska Peninsula</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pot</td>
<td>Jig</td>
<td>Pot</td>
</tr>
<tr>
<td>Federal/Parallel A-Season</td>
<td>January 1</td>
<td>January 1</td>
<td>January 1</td>
</tr>
<tr>
<td>State-Waters GHL Season</td>
<td>7 days after Federal CGOA pot A-Season</td>
<td>48 hours after Federal CGOA jig A-Season*</td>
<td>March 1 or seven days after closure of CGOA pot A-Season, whichever is later</td>
</tr>
<tr>
<td>Federal/Parallel B-Season</td>
<td>September 1</td>
<td>June 10</td>
<td>September 1</td>
</tr>
<tr>
<td>State-Waters GHL Rollover</td>
<td>Following Federal CGOA pot B-Season</td>
<td>Following Federal CGOA pot B-Season</td>
<td>August 15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State-Waters GHL</th>
<th>14,633,165 (whole pounds)</th>
<th>10,243,216 (whole pounds)</th>
<th>21,657,085 (whole pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHL By Gear Type</td>
<td>7,316,583 (50%)</td>
<td>7,316,583 (50%)</td>
<td>9,218,894 (90%)</td>
</tr>
</tbody>
</table>

Note: CGOA = Federal Central Gulf of Alaska Management Area; WGOA = Federal Western Gulf of Alaska Management Area

* If the CGOA federal/parallel A-season jig sector harvest allocation has not been achieved by March 15, the parallel (0–3 nmi) jig gear sector A-season may close and the Kodiak Area state-waters season for jig gear may open on March 15 or later depending on ADF&G’s ability to provide for orderly fisheries based on inseason assessment of effort, harvest rate, or remaining federal jig quota.

** If the WGOA federal/parallel A-season jig sector harvest allocation has not been achieved by March 15, the parallel (0–3 nmi) jig gear sector A-season may close and the South Alaska Peninsula Area state-waters season for jig gear may open on March 15 or later depending on ADF&G’s ability to provide for orderly fisheries based on inseason assessment of effort, harvest rate, or remaining federal jig quota.

This document is for general information purposes only, it is not intended to be a complete list of fishery regulations, nor does it replace or supersede existing regulations. Vessel owners and operators are responsible for understanding all state and federal regulations. For additional information contact ADF&G in Kodiak at (907) 486-1840 or NMFS Sustainable Fisheries Division at (800) 304-4846 option 3.