

**Fishery Management Report No. 16-07**

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**Fishery Management Plan for the Aleutian Islands  
Subdistrict State-Waters and Parallel Pacific Cod  
Seasons, 2016**

by

**Justin M. Leon**

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February 2016

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.

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

***FISHERY MANAGEMENT REPORT NO. 16-07***

**FISHERY MANAGEMENT PLAN FOR THE ALEUTIAN ISLANDS  
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SEASONS, 2016**

by

Justin M. Leon

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

February 2016

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.adfg.alaska.gov/sf/publications/>. This publication has undergone regional peer review.

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## ABSTRACT

The Aleutian Islands Subdistrict state-waters Pacific cod *Gadus macrocephalus* season, managed by the Alaska Department of Fish and Game (ADF&G), is prosecuted in state waters of the Aleutian Islands west of 170° W long. The 2016 guideline harvest level (GHL) for the Aleutian Islands Subdistrict state-waters season is 27% of the estimated 2016 acceptable biological catch (ABC) of Pacific cod for the federal Aleutian Islands subarea. Legal gear for the state-waters season includes nonpelagic trawl, groundfish pot, longline, mechanical jig, and hand troll gear. Effective inseason management is dependent upon timely and accurate communication between fishermen, fish processors, and ADF&G. In the absence of reliable inseason harvest information, ADF&G will adopt conservative management measures that may result in lost fishing opportunity.

ADF&G also manages a parallel Pacific cod season in the Aleutian Islands Subdistrict concurrent with adjacent federal Pacific cod seasons, except where a state-waters Pacific cod season is open. Harvest in the parallel season accrues toward the federal Pacific cod total allowable catch (TAC).

Key words: Pacific cod, *Gadus macrocephalus*, Aleutian Islands Subdistrict, guideline harvest level, state-waters season, parallel season, Bering Sea/Aleutian Islands

## INTRODUCTION

### AREA DESCRIPTION

The State of Alaska's Bering Sea-Aleutian Islands (BSAI) groundfish management area consists of state waters of Alaska (0–3 nmi) in the Bering Sea and that portion of the North Pacific Ocean adjacent to the Aleutian Islands west of 170° W long.

The Aleutian Islands District (AID) of the BSAI consists of all state waters of Alaska south of the latitude of Cape Sarichef (54° 36' N lat). The Aleutian Islands Subdistrict (AIS) consists of state-waters in the AID west of 170° W long. The Adak Section of the AIS consists of state-waters between 175° W long and 178° W long (Figure 1).

### OVERVIEW

Two distinct Pacific cod *Gadus macrocephalus* seasons occur within state waters of the AIS: the parallel Pacific cod season and the state-waters Pacific cod season. The parallel season is prosecuted concurrent with the adjacent federal Pacific cod season in the exclusive economic zone (EEZ; 3–200 nmi). The parallel season, managed by Alaska Department of Fish and Game (ADF&G), adopts most National Marine Fisheries Service (NMFS) regulations and inseason management actions. The state-waters Pacific cod season is independent of the parallel season and is managed exclusively by ADF&G under the AIS Pacific cod management plan contained in 5 AAC 28.647. The purpose of this document is to provide specific fishery management information for the 2016 AIS state-waters and parallel Pacific cod seasons.

### STELLER SEA LION CLOSURES DURING PARALLEL SEASON

During the parallel Pacific cod season in the AIS east of 175° W long, and west of 178° W long, ADF&G adopts federal Steller sea lion *Eumetopias jubatus* protection measures for Pacific cod located in Tables 5 and 12 of 50 CFR part 679 available on the NMFS website at <https://alaskafisheries.noaa.gov/fisheries-679regs>.

During the parallel Pacific cod season in the Adak Section (between 175° W long and 178° W long), Steller sea lion protection measures are located in Table 5 of 50 CFR part 679 (69 FR 75865, December 20, 2004) except that the Steller sea lion site at Kanaga/Ship Rock is only closed within 3 nautical miles (5 AAC 28.087(b)(3)), posted on the NMFS website

<https://alaskafisheries.noaa.gov/sites/default/files/finalrules/fr75865.pdf> and Table 12 of 50 CFR part 679 updated through January 2011, posted on the NMFS website <https://alaskafisheries.noaa.gov/fisheries-679regs>.

## **STELLER SEA LION CLOSURES DURING STATE-WATERS SEASON**

During the 2016 AIS state-waters Pacific cod season, current Steller sea lion closures will be in effect, including no fishing zones, no transit areas, and the Seguam foraging area except that the Steller sea lion site at Kanaga/Ship Rock is only closed within 3 nautical miles (5 AAC 28.647(g)(1),(2),and (3)). Descriptions of closures in effect during a state-waters season and their coordinates are located in Tables 5 and 12 of 50 CFR part 679 posted on the NMFS website <https://alaskafisheries.noaa.gov/fisheries-679regs>.

## **OTHER CLOSURES DURING PARALLEL AND STATE-WATERS SEASONS**

The Aleutian Islands Coral Habitat Protection Areas (coral gardens) and the Aleutian Islands Habitat Conservation Area are in effect in state waters of the AIS (5 AAC 28.647(g)(4) and 5 AAC 39.167(a)(1) and (2); Figures 2 and 3). The coral gardens consist of 6 separate federal protection areas that overlap with state waters. Coordinates for coral gardens are found in Appendix B. Each coral garden is closed to commercial fishing with nonpelagic trawl, scallop dredge, dinglebar troll, pot, and longline gear. The Aleutian Islands Habitat Conservation Area applies only to nonpelagic trawl gear. A description of the Aleutian Islands Habitat Conservation Area is located in Table 24 of 50 CFR part 679 and posted on the NMFS website: <https://alaskafisheries.noaa.gov/fisheries-679regs>.

## **BYCATCH DURING PARALLEL AND STATE-WATERS SEASONS**

For parallel and state-waters Pacific cod seasons, ADF&G adopts NMFS maximum retainable bycatch allowances applicable in the adjacent EEZ for species not actively managed by the State of Alaska. Retainable bycatch percentages are subject to change and may differ between species. For groundfish species without a specified bycatch limit, up to 20% by weight of the Pacific cod onboard the vessel may be retained. Black rockfish *Sebastes melanops* and dark rockfish *S. ciinatus* may only be retained up to 5% by weight of the Pacific cod onboard the vessel. Sablefish *Anoplopoma fimbria* bycatch may be retained up to 1% by weight of the Pacific cod onboard the vessel while the directed state-waters sablefish season is open. BSAI retainable bycatch percentages are located in Table 11 of 50 CFR part 679, updated April 6, 2015, and are available on the NMFS website: <https://alaskafisheries.noaa.gov/fisheries-679regs>.

## **PARALLEL PACIFIC COD SEASON**

At the beginning of each year, ADF&G issues an emergency order opening the parallel groundfish season in state waters to coincide with the opening of federal groundfish seasons in adjacent waters of the EEZ. The initial federal Pacific cod season opens January 1 for vessels using fixed gear and January 20 for vessels using trawl gear. When a federal Pacific cod season is open to directed fishing in waters of the EEZ, a concurrent parallel Pacific cod season is open in adjacent state waters, except when and where the state-waters season is open. Beginning January 1, state waters of the Adak Section are closed to the parallel Pacific cod season because the AIS state-waters Pacific cod season is open in those waters.



Unless specifically prohibited by state regulation, the same vessel lengths, gear types, seasons, and bycatch limits in a federal Pacific cod season are allowed in a parallel Pacific cod season. With the exception of vessels using mechanical jigging machines, all vessels that participate in a parallel Pacific cod season must have an activated vessel monitoring system (VMS; 5 AAC 28.087(c)). During a parallel Pacific cod season in the Adak Section, no vessel using longline gear may be more than 58 feet overall length (OAL) (5 AAC 28.690(c)), and vessels using trawl, pot, and jig gear may be no more than 60 feet OAL (5 AAC 28.087(b)(3)).

Vessel operators must possess a 2016 statewide Commercial Fisheries Entry Commission (CFEC) interim use permit card for the appropriate gear type and vessel length. Vessel operators participating in the parallel Pacific cod season are not required by the State of Alaska to possess a federal fishing permit (FFP) or Pacific cod gear endorsement administered through the federal License Limitation Program (LLP). However, it is the responsibility of vessel operators who possess an FFP to understand applicable federal regulations, including regulations regarding observer coverage and logbook requirements. Vessel operators that relinquish possession of an FFP for the parallel season are responsible for understanding federal regulations for the FFP's reissue.

Pacific cod harvested during the parallel season accrue toward the federal TAC. The parallel Pacific cod season closes by sector when the TAC is reached, when the Aleutian Islands subarea TAC for non-CDQ fishing is achieved, or when incidental species allowances are met. For additional information regarding federal Pacific cod fisheries contact NMFS (Appendix A).

## **STATE-WATERS PACIFIC COD SEASON**

### **BACKGROUND**

The state-waters Pacific cod season is managed according to 5 AAC 28.647 *Aleutian Islands Subdistrict Pacific Cod Management Plan*. The following regulations are in effect for the 2016 season.

### **2016 GUIDELINE HARVEST LEVEL**

The guideline harvest level (GHL) for the Aleutian Islands Subdistrict state-waters Pacific cod 2016 season is 10,476,259 pounds which is 27% of the 2016 acceptable biological catch (ABC) of Pacific cod for the federal Aleutian Islands subarea.

### **INSEASON OPENINGS AND CLOSURES**

The AIS state-waters season opens January 1 in the Adak Section. Harvest in the Adak Section accrues toward the GHL, while harvest in state waters east and west of the Adak Section will initially be managed under parallel season regulations with harvest accruing toward the federal TAC.

All state waters of the AIS will open to the state-waters season 4 days after the federal Bering Sea and Aleutian Islands parallel catcher-vessel trawl A season closes or 4 days after the federal Aleutian Islands subarea non-CDQ season is closed, whichever occurs first. However, if all state waters west of 170° W long have not opened to the state-waters season by March 14, the parallel Pacific cod season will close by emergency order and the state-waters AIS Pacific cod season will open on March 15.

## **VESSEL LENGTH AND GEAR TYPES**

When the state-waters season is only open in the Adak Section, vessels using trawl, pot, and jig gear must be 60 feet or less OAL and vessels using longline gear must be 58 feet or less OAL.

When the state-waters season is open in all state waters west of 170° W long, vessels using trawl gear may not exceed 100 feet OAL, vessels using groundfish pot gear may not exceed 125 feet OAL, and vessels using mechanical jig or longline gear may not exceed 58 feet OAL.

## **REGISTRATION**

Vessel operators must register with ADF&G prior to participating in the state-waters Pacific cod season. Vessel registration for the AIS state-waters Pacific cod season is nonexclusive. Vessels registered for the AIS state-waters Pacific cod season may also register for another nonexclusive and one exclusive state-waters Pacific cod season within the calendar year; however, vessels that register for a superexclusive Pacific cod season may not register for the AIS Pacific cod season within a calendar year. Registration in the AIS state-waters Pacific cod season does not prohibit a vessel from participating in a parallel Pacific cod season, but a vessel may not simultaneously participate in the AIS state-waters season and another concurrent Pacific cod season. Tenders, motherships, and floating processors must also register with ADF&G prior to beginning operations.

Registrations may be obtained by electronic mail, fax, or in person at ADF&G offices in Dutch Harbor and Kodiak. Vessel operators must possess a 2016 CFEC interim use statewide miscellaneous finfish permit card prior to registration. Contact information for ADF&G offices and CFEC are located in Appendix A.

A vessel registered for the AIS state-waters Pacific cod season must invalidate their registration prior to participating in another Pacific cod season. Vessel operators may validate or invalidate vessel registration by contacting ADF&G in Dutch Harbor (Appendix A) during normal state business hours (Monday–Friday, 8 AM to 5 PM). All Pacific cod must be delivered prior to transitioning between state-waters or parallel seasons (5AAC 28.647(h)(1) and (2)).

## **TRIP LIMITS**

During the AIS state-waters Pacific cod season, a vessel may harvest up to 150,000 pounds of Pacific cod per day and may have no more than 150,000 pounds of unprocessed Pacific cod on board the vessel at any time. All Pacific cod caught must be retained, and any overage must be immediately reported to ADF&G, with proceeds from the overage forfeited to the state.

## **CATCH REPORTING**

ADF&G will initially manage the AIS state-waters Pacific cod season using fish ticket information; however, if vessel effort or catch rates warrant, ADF&G may require vessel operators to report harvest information daily. Should ADF&G require vessel operators to begin daily inseason reporting, a news release will be issued with a summary of reporting requirements and contact information. If daily catch reports are warranted, catch reports will be taken by dispatch, phone, single side-band, fax, or electronic mail (Appendix A), between 10:00 AM and 11:00 AM daily and must include the area fished, effort (pot lifts), and pounds of Pacific cod retained during the previous 24-hour period (midnight to midnight; Appendix C). In the absence

of reliable inseason harvest information, ADF&G will adopt conservative management measures which may result in lost fishing opportunity.

## **INSEASON ANNOUNCEMENTS**

The AIS state-waters Pacific cod season will be managed using information gathered inseason from vessels, processors, and fish ticket data. Inseason management actions during the state-waters season will be distributed via the ADF&G news release system (<http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>), relayed through participating processors, and communicated to the fleet during catch reporting. ADF&G will make every effort to provide sufficient time for vessel operators to configure gear for storage or to place gear onboard before a closure; however, the potential exists for short advance notice of a closure. Interested parties may also sign up for electronic mail delivery of new releases here: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>.

Weekly non-confidential harvest updates will be released each Monday after 4:00 PM while the state-waters season is open. Weekly harvest updates are available on the ADF&G website (<http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareaaleutianislands.groundfish>) or by contacting ADF&G.



## **FIGURES**

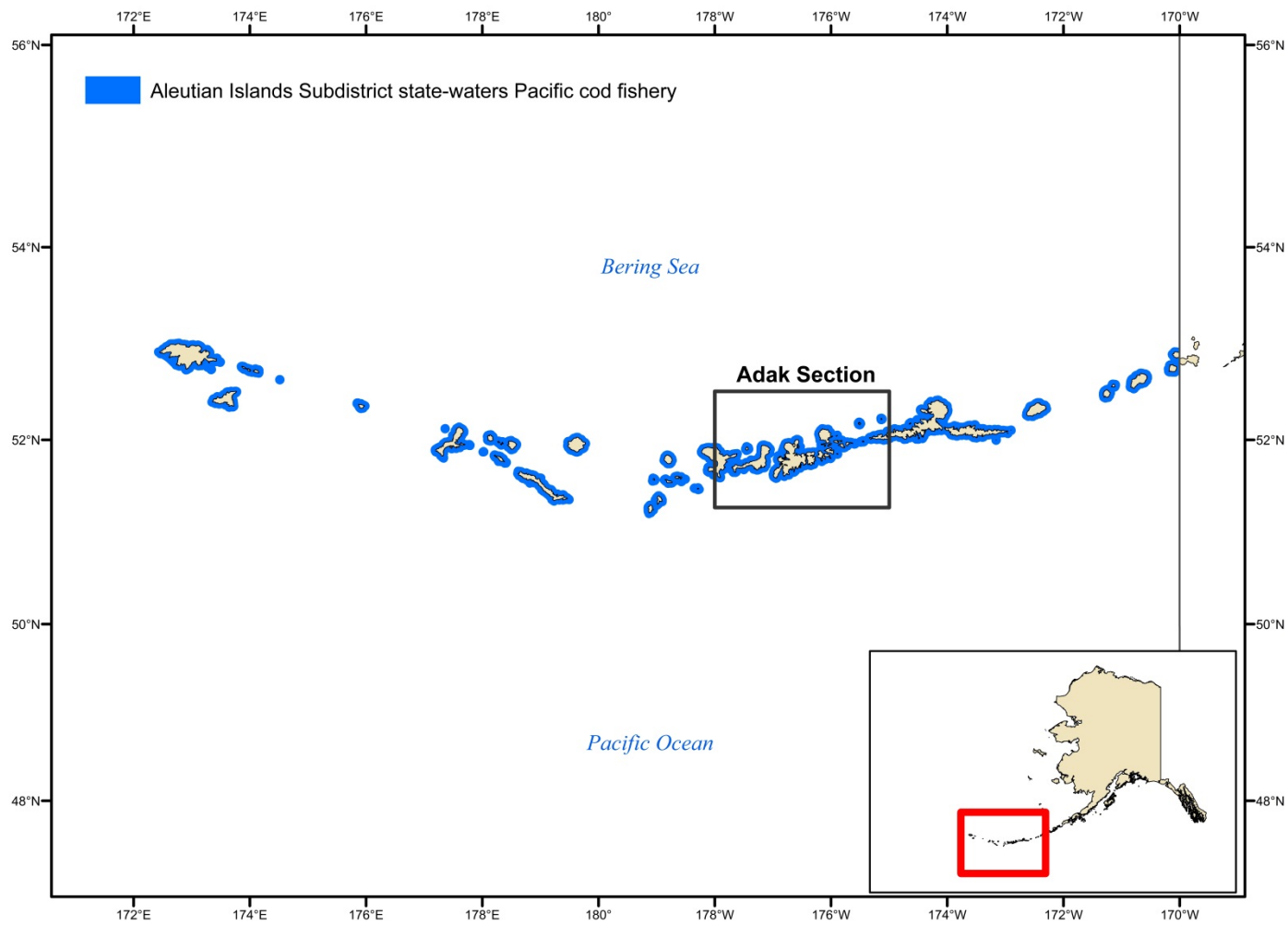


Figure 1.—Aleutian Islands Subdistrict state-waters Pacific cod management area.

ALEUTIAN ISLANDS DISTRICT CORAL HABITAT PROTECTION AREAS

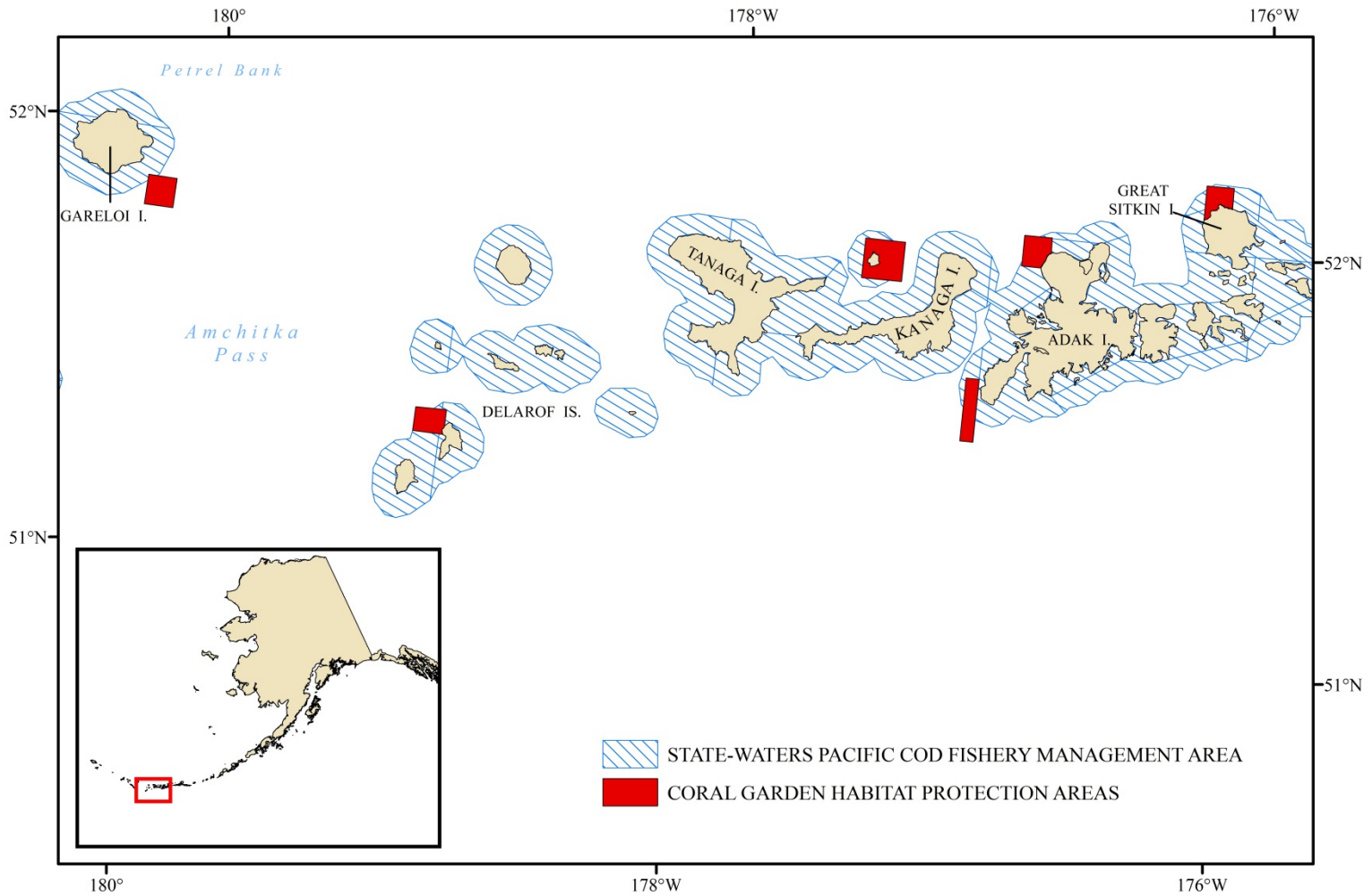


Figure 2.—Aleutian Islands Coral Habitat Protection Areas closed to bottom contact gear.

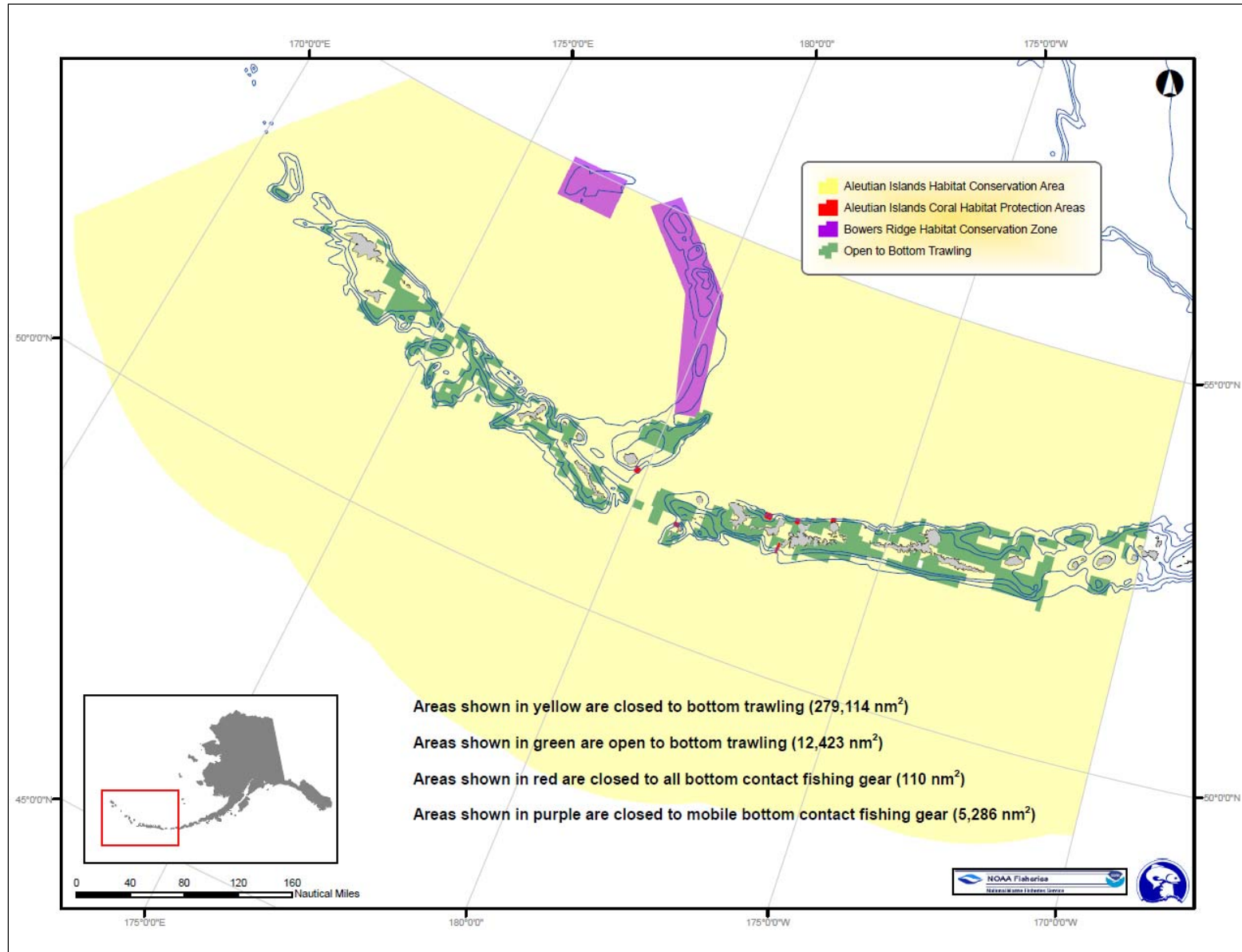


Figure 3.—Aleutian Islands Habitat Conservation Areas.



**APPENDIX A. LIST OF FISHERY CONTACTS, BY  
AGENCY AND LOCATION**

Appendix A.–List of fishery contacts by agency and location.

<b>Alaska Department of Fish and Game</b>		website: <a href="http://www.adfg.alaska.gov/">http://www.adfg.alaska.gov/</a>
<u>Dutch Harbor Office</u>		
Mail Address: P.O. Box 920587 Dutch Harbor, Alaska 99692	Physical Address: 2315 Airport Beach Road 2 <sup>nd</sup> floor, Suite 207 Dutch Harbor, Alaska	Phone: (907) 581-1239 Fax: (907) 581-1572 E-mail: <a href="mailto:dfg.dutchharbor@alaska.gov">dfg.dutchharbor@alaska.gov</a> Dispatch: #1234 SSB: 4125 kHz WIM76 Dutch Harbor
Miranda Westphal: Bering Sea-Aleutian Islands Area Management Biologist		E-mail: <a href="mailto:miranda.westphal@alaska.gov">miranda.westphal@alaska.gov</a>
Justin Leon: Bering Sea-Aleutian Islands Asst. Area Management Biologist		E-mail: <a href="mailto:justin.leon@alaska.gov">justin.leon@alaska.gov</a>
<u>Kodiak Office</u>		
Mail Address: 351 Research Court Kodiak, Alaska 99615	Physical Address: 351 Research Court Kodiak, Alaska	Phone: (907) 486-1840 Fax: (907) 486-1824
Wayne Donaldson: Regional Groundfish Management Biologist		E-mail: <a href="mailto:wayne.donaldson@alaska.gov">wayne.donaldson@alaska.gov</a>
Mark Stichert: Kodiak, Chignik, Alaska Peninsula Area Management Biologist		E-mail: <a href="mailto:mark.stichert@alaska.gov">mark.stichert@alaska.gov</a>
Nathaniel Nichols: Kodiak, Chignik, Alaska Peninsula Asst. Area Management Biologist		E-mail: <a href="mailto:nathaniel.nichols@alaska.gov">nathaniel.nichols@alaska.gov</a>
<b>Alaska Wildlife Troopers</b>		website: <a href="http://www.dps.state.ak.us/AWT/">http://www.dps.state.ak.us/AWT/</a>
<u>Dutch Harbor Office</u>		
Mail Address: P.O. Box 920848 Dutch Harbor, Alaska 99692	Physical Address: 2315 Airport Beach Road, Suite 101 Dutch Harbor, Alaska	Phone: (907) 581-1432 Fax: (907) 581-1407
Todd Machacek: Post Sergeant		E-mail: <a href="mailto:todd.machacek@alaska.gov">todd.machacek@alaska.gov</a>
<b>Commercial Fisheries Entry Commission (CFEC)</b>		website: <a href="http://www.cfec.state.ak.us/">http://www.cfec.state.ak.us/</a>
Mail Address: 8800 Glacier Highway Juneau, Alaska 99811-0302	Physical Address: 8800 Glacier Highway #109 Juneau, Alaska	Phone: (907) 789-6150 Fax: (907) 789-6170
<b>National Marine Fisheries Service – Alaska Region</b>		website: <a href="http://www.alaskafisheries.noaa.gov/">http://www.alaskafisheries.noaa.gov/</a>
<u>Sustainable Fisheries Division</u>		
Krista Milani, Dutch Harbor Office		Phone: (907) 581-2062
Mary Furuness, Juneau Office		Phone: (907) 586-7447
<u>NOAA Fisheries Enforcement</u>		
Dutch Harbor Office		Phone: (907) 581-2061
Anchorage Office		Phone: (907) 586-7225
<u>NOAA Observer Program</u> Dutch Harbor Office		Phone: (907) 581-2060
Seattle Office		Phone: (206) 526-4195

**APPENDIX B. COORDINATES FOR THE ALEUTIAN  
ISLANDS CORAL HABITAT PROTECTION AREAS**



## ALASKA DEPARTMENT OF FISH & GAME

### CLOSED STATE WATERS FOR ALEUTIAN ISLANDS CORAL HABITAT PROTECTION AREAS

State waters of the following 6 coral garden protection areas are closed to commercial fishing using: nonpelagic trawl, scallop dredge, dinglebar troll, longline, and pot gear.

Each closed area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line.

	<u>Latitude</u>	<u>Longitude</u>
Great Sitkin Island	52° 09.56' N	176° 06.14' W
Great Sitkin Island	52° 09.56' N	176° 12.44' W
Great Sitkin Island	52° 04.69' N	176° 12.44' W
Great Sitkin Island	52° 06.59' N	176° 06.12' W
Cape Moffett Island	52° 00.11' N	176° 46.65' W
Cape Moffett Island	52° 00.10' N	176° 53.00' W
Cape Moffett Island	51° 55.69' N	176° 53.00' W
Cape Moffett Island	51° 55.69' N	176° 48.59' W
Cape Moffett Island	51° 57.96' N	176° 46.52' W
Adak Canyon	51° 39.00' N	177° 00.00' W
Adak Canyon	51° 39.00' N	177° 03.00' W
Adak Canyon	51° 30.00' N	177° 03.00' W
Adak Canyon	51° 30.00' N	177° 00.00' W
Bobrof Island	51° 57.35' N	177° 19.94' W
Bobrof Island	51° 57.36' N	177° 29.11' W
Bobrof Island	51° 51.65' N	177° 29.11' W
Bobrof Island	51° 51.71' N	177° 19.93' W
Ulak Island	51° 25.85' N	178° 59.00' W
Ulak Island	51° 25.69' N	179° 06.00' W
Ulak Island	51° 22.28' N	179° 06.00' W
Ulak Island	51° 22.28' N	178° 58.95' W
Semisopochnoi Island	51° 53.10' N	179° 53.11' E
Semisopochnoi Island	51° 53.10' N	179° 46.55' E
Semisopochnoi Island	51° 48.84' N	179° 46.55' E
Semisopochnoi Island	51° 48.89' N	179° 53.11' E

For further information, contact the Alaska Department of Fish and Game in Dutch Harbor at (907) 581-1239.

## **APPENDIX C. EXAMPLE OF REPORTING WORKSHEET**



**2016 Aleutian Islands Subdistrict State-waters  
Pacific Cod Inseason Reporting Worksheet**



Fishermen must report fishing information for the previous week (Monday to Sunday)  
WEEKLY on MONDAYS between 10 a.m. and 11 a.m. to the Dutch Harbor Office.

**Do not combine reports.**

**If one or more reporting periods are missed, report each period individually.**

<b>Report Period End Date</b> <sup>1</sup>	<b>Code Item 1 Statistical Area(s)</b> <sup>2</sup>	<b>Code Item 2 Pounds of Cod Retained</b> <sup>3</sup>	<b>Code Item 3 Effort</b> <sup>4</sup>

<sup>1</sup> Weekly report period is Monday - Sunday  
<sup>2</sup> Area(s) fished in the past week - stat areas if possible  
<sup>3</sup> Weight in pounds of retained cod in the past week  
<sup>4</sup> Number pots

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