

**Fishery Management Plan for the Aleutian Islands
Subdistrict State-Waters and Parallel Pacific Cod
Seasons, 2023**

by

Asia Beder

December 2022

Alaska Department of Fish and Game

Division of Commercial Fisheries



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

REGIONAL INFORMATION REPORT NO. 4K22-15

**FISHERY MANAGEMENT PLAN FOR THE ALEUTIAN ISLANDS
SUBDISTRICT STATE-WATERS AND PARALLEL PACIFIC COD
SEASONS, 2023**

by

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December 2022

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ABSTRACT

The Aleutian Islands Subdistrict state-waters Pacific cod *Gadus macrocephalus* season is prosecuted in state waters of the Aleutian Islands District west of 170°W long. Legal gear for the state-waters season includes trawl, pot, longline, mechanical jig, and hand troll gear. The 2023 guideline harvest level for the Aleutian Islands Subdistrict state-waters season is 11,875,000 pounds.

The Alaska Department of Fish and Game 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.

Keywords: 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 (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 that occurs in the exclusive economic zone (EEZ; 3–200 nmi). The parallel season is managed by Alaska Department of Fish and Game (ADF&G) by adopting most National Marine Fisheries Service (NMFS) management measures and inseason management actions. The state-waters Pacific cod season is an open-access fishery managed in state waters (0–3 nmi) exclusively by ADF&G under the *Aleutian Islands Subdistrict Pacific Cod Management Plan*, 5 AAC 28.647. The purpose of this document is to provide summary fishery management information for the 2023 AIS state-waters and parallel Pacific cod seasons.

STELLER SEA LION CLOSURES DURING PARALLEL SEASON

During the AIS parallel Pacific cod season outside of the Adak Section (state waters east of 175°W long, and west of 178°W long), ADF&G adopts federal Steller sea lion *Eumetopias jubatus* protection measures for vessels fishing Pacific cod located in Tables 5 and 12 of Title 50, Part 679 of the Code of Federal Regulations (CFR).¹

Steller sea lion protection measures inside the Adak Section (between 175°W long and 178°W long) are in Table 5 of Title 50, Part 679 of the CFR (69 FR 75865, December 20, 2004), except that the Steller sea lion site at Kanaga/Ship Rock is only closed within 3 nautical miles

¹ The Code of Federal Regulations (CFR) is available online at <https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=07250bcf11fb8f2d4c2c4f575b62654b&mc=true&r=PART&n=pt50.13.679> (accessed November 30, 2021)

(5 AAC 28.087(b)(3)). Additional information on sea lion closures can be found on the NMFS website at: <https://www.fisheries.noaa.gov/alaska/commercial-fishing/steller-sea-lion-protection-measures>.

STELLER SEA LION CLOSURES DURING STATE-WATERS SEASON

During the 2023 AIS state-waters Pacific cod season, current federal 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 Title 50, Part 679 of the Code of Federal Regulations (CFR).¹

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 six separate federal protection areas that overlap with state waters (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 can be found in Table 24 of Title 50, Part 679 of the CFR.¹

BYCATCH DURING PARALLEL AND STATE-WATERS SEASONS

During 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. 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. ciliatus* may only be retained up to 20% 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 can be found in Table 11 of Title 50, Part 679 of the CFR, updated April 6, 2015.¹

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 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 state waters.

¹ The Code of Federal Regulations (CFR) is available online at <https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=07250bcf11fb8f2d4c2c4f575b62654b&mc=true&r=PART&n=pt50.13.679> (accessed November 30, 2021)

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. Except for 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)).

Harvesters must possess a 2023 statewide Commercial Fisheries Entry Commission (CFEC) interim use permit card for the appropriate gear type and vessel length. Harvesters 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 harvesters who possess an FFP to understand applicable federal regulations, including regulations regarding observer coverage and logbook requirements. Harvesters 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 total allowable catch (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

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 2023 season.

2023 GUIDELINE HARVEST LEVEL

The 2022 guideline harvest level (GHL) for the Aleutian Islands Subdistrict state-waters Pacific cod was not achieved; however, this is the first year it was not achieved since 2018, accordingly the 2023 season GHL remains at 39% of the estimated acceptable biological catch of Pacific cod in the federal Aleutian Islands subarea, which is 11,875,000 pounds.

INSEASON OPENINGS AND CLOSURES, VESSEL LENGTHS, AND GEAR TYPES

Three unique fishery openings guide the AIS state-waters fishery. The GHL is not subdivided across gear types or vessel size. Therefore, season dates are structured to provide opportunity to different vessel sizes and gear sectors throughout the season (Appendix C1).

The AIS state-waters season opens January 1 in the Adak Section. Harvest in the Adak Section accrues toward the GHL, whereas harvest in state waters outside of the Adak Section will initially be managed under parallel season regulations with harvest accruing toward the federal TAC. When the state-waters season is only open in the Adak Section, vessels using trawl, pot (pots may be longlined), and jig gear must be 60 feet or less OAL and vessels using longline gear must be 58 feet or less OAL.

All state waters of the AIS (west of 170°W long) will open to the state-waters season 4 days after the federal Bering Sea and Aleutian Islands catcher-vessel greater than or equal to 60 feet in OAL

pot gear fishery closes. When the state-waters season is open in all state waters west of 170°W long., vessels using trawl gear may not exceed 60 feet OAL, vessels using pot gear may not exceed 100 feet OAL (pots may be longlined), vessels using mechanical jig may not exceed 60 feet OAL, and vessels using longline gear may not exceed 58 feet OAL.

Additionally, all state waters of the AIS (west of 170°W long) will open for vessels up to 100 feet OAL using nonpelagic trawl gear and vessels up to 125 feet in OAL using pot gear at 12:00 noon on March 15.

During the October 2022 Alaska Board of Fisheries meeting, new regulations were adopted impacting season dates and vessel sizes for the AIS fishery (Appendix C2). New regulations are expected to go into effect during the first few months of the 2023 season. Once adopted, if only the Adak section is open, the fishery will include pot vessels up to 100 feet OAL. All state waters of the AIS will open 4 days after the federal Bering Sea and Aleutian Islands catcher-vessel greater than or equal to 60 feet OAL pot gear fishery closes or on February 1st, whichever occurs first. When the state-waters season is open in all state waters west of 170°W long., vessels using trawl and mechanical jig gear may not exceed 60 feet OAL, vessels using pot gear may not exceed 100 feet OAL, and vessels using longline gear may not exceed 58 feet OAL. Larger pot (100 to 125 feet OAL) and trawl (61 to 100 feet OAL) vessels are no longer legal gear types in the AIS. However, if the Department determines the GHL will not be fully harvested by the end of the year, the AIS may open to larger pot (100 to 125 feet OAL) and trawl (61 to 100 feet OAL) vessels by emergency order, on, or after March 15th to increase harvest rates. Additionally, harvest by pot gear vessels greater than 60 feet OAL is capped at 25% of the total GHL unless harvest restrictions are superseded after March 15th. Once the new regulations become effective, they will be announced via an advisory announcement.

During the AIS state-waters Pacific cod season vessels may change their gear registration by contacting ADF&G in Dutch Harbor (Appendix A); however, vessels may not fish multiple gear types simultaneously. Vessels fishing with pot gear may use groundfish pots of any size to take Pacific cod, although pot gear individual tunnel eye openings must be 36 inches in perimeter or less (5 AAC 28.050(e)). All pots must be equipped with a biodegradable escape mechanism (5 AAC 39.145), located on a sidewall and placed within 6 inches of the bottom of the pot leaving an opening 18 inches or greater in length that must be laced, sewn, or secured together by a single length of untreated 100% cotton biodegradable twine no larger than 30 thread count.

The AIS state-water Pacific cod season will close when the GHL is achieved or at the regulatory season closure date of December 31, whichever occurs first. For vessels fishing pot gear, at the time of closure, all pots must be empty and in storage condition with all bait and bait containers removed and doors secured fully open. Harvesters are not permitted to pull pots after the time of the closure until after their final delivery has been completed. Vessels fishing other allowable gear types must have all gear out of the water prior to the time of closure.

REGISTRATION REQUIREMENTS

Harvesters 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 exclusive for all gear types. Vessels registered for the 2023 AIS state-waters Pacific cod season may not register for any other exclusive or superexclusive state-waters Pacific cod season during the 2023 calendar year but may participate in a nonexclusive state-waters Pacific cod season in the same calendar year. Conversely, if a vessel has registered for any other exclusive or superexclusive state-waters Pacific

cod season outside of the AIS during 2023, that vessel may not participate in the 2023 AIS state-waters Pacific cod season. Exclusive registration does not apply to federal or parallel Pacific cod fisheries, but a vessel may not participate in the AIS state-waters season and the parallel season concurrently.

Registrations may be obtained by electronic mail, fax, or in person at ADF&G offices in Dutch Harbor and Kodiak. Harvesters must possess a 2023 CFEC interim use statewide miscellaneous finfish permit card for the appropriate vessel length and gear type prior to registration. Tenders, motherships, and floating processors must also register with ADF&G prior to beginning operations. Contact information for ADF&G offices and CFEC are 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. Harvesters may validate or invalidate vessel registration by contacting ADF&G in Dutch Harbor (Appendix A) during normal state business hours (Monday–Friday, 8:00 AM to 5:00 PM). All Pacific cod must be delivered prior to transitioning between state-waters, federal, or parallel seasons (5 AAC 28.647(i)).

Any time after the closure of the Dutch Harbor Subdistrict Pacific cod season, if a substantial portion of the AIS state-waters GHF remains unharvested and the GHF is unlikely to be achieved by December 31, exclusive registration requirements may be removed. All inseason management actions will be announced by ADF&G advisory announcement.

TRIP LIMITS

During the AIS state-waters Pacific cod season, a vessel may harvest up to 150,000 round pounds of Pacific cod per day and may have no more than 150,000 round pounds of unprocessed Pacific cod on board the vessel at any time. All Pacific cod caught must be retained, and any overage must be 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 request harvesters to report harvest information weekly or daily. Should ADF&G request harvesters to begin daily inseason reporting, vessels registered for the fishery will be contacted with a summary of reporting requirements and contact information. Catch reports will be taken by dispatch, phone, text, fax, or e-mail (Appendix A), between 9:00 AM and 10:00 AM Alaska time daily, and must include the area fished, effort, and pounds of Pacific cod retained during the previous 24-hour period (midnight to midnight). In the absence of reliable inseason harvest information, ADF&G may adopt conservative management measures, which could result in lost fishing opportunity.

BUOY MARKING REQUIREMENTS

Buoys attached to groundfish pots must be marked with the permanent ADF&G vessel number that corresponds to the ADF&G vessel operating that gear (5 AAC 28.050(b)). The buoy containing the 5-digit ADF&G number may not be marked with any additional numbers; however, symbols and letters are acceptable on this buoy. Trailer buoys used to mark ownership or string sequence may be marked with any desired numbers, symbols, or letters.

POT STORAGE AND LANDING REQUIREMENTS

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 in waters greater than 25 fathoms for a maximum of 7 days. Harvesters are not permitted to pull pots after the time of the closure until after their final delivery has been completed. After 7 days, groundfish pots must be removed from the water or in storage condition in waters 25 fathoms or less. Contact NOAA Fisheries Enforcement (Appendix A) regarding gear storage in federal waters.

Vessels participating in the state-waters Pacific cod season must deliver their catch within 48 hours after a season closure. Vessels may have Pacific cod onboard after the 48-hour period following a closure only when 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.

INSEASON ANNOUNCEMENTS

Inseason management actions during the state-waters season will be distributed via the ADF&G advisory announcement 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 enough time for Harvesters to configure gear for storage or to place gear onboard before a closure; however, the potential exists for short advance notice of a closure.

When possible, weekly nonconfidential harvest updates will be released while the state-waters season is open. These updates can be found inseason on the ADF&G website (www.adfg.alaska.gov/index.cfm?adfg=commercialbyareaaleutianislands.groundfish#harvest) or by contacting ADF&G.

FIGURES

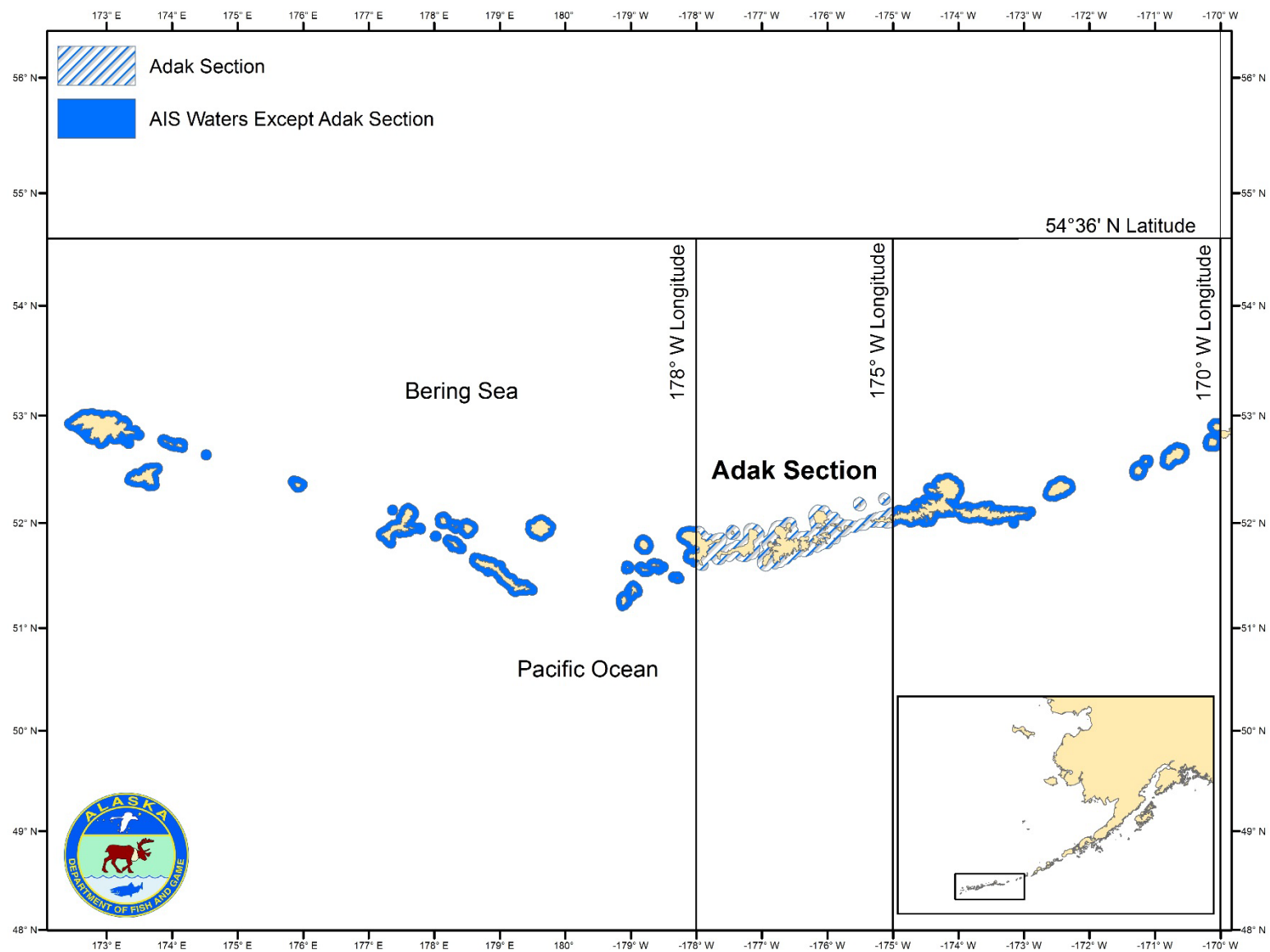


Figure 1.—Aleutian Islands Subdistrict state-waters Pacific cod management area.

ALEUTIAN ISLANDS DISTRICT CORAL HABITAT PROTECTION AREAS

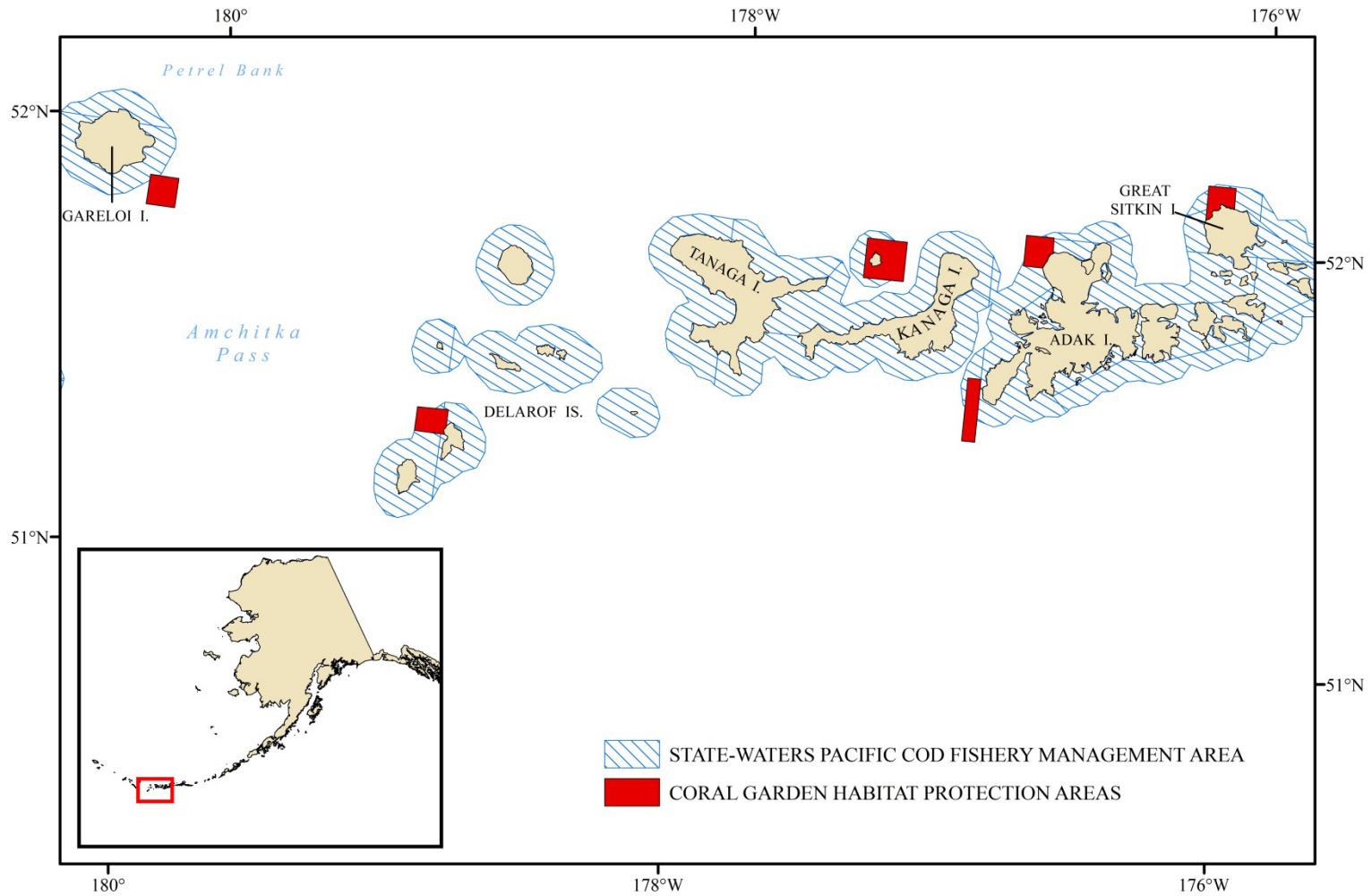


Figure 2.—Aleutian Islands Coral Habitat Protection Areas closed to bottom contact gear.

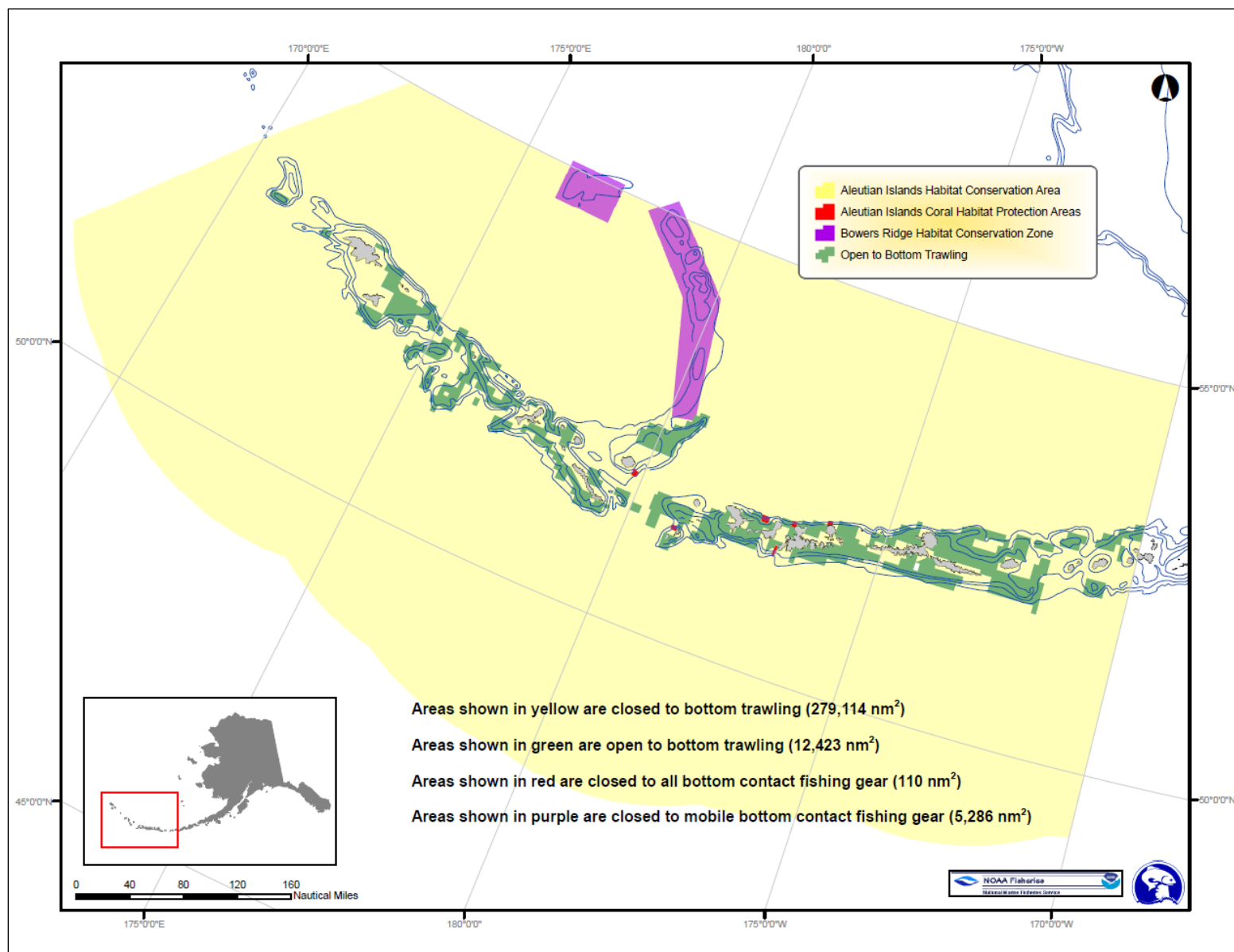


Figure 3.—Aleutian Islands Habitat Conservation Areas.

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

Appendix A1.–List of fishery contacts by agency and location.

Alaska Department of Fish and Game		website: http://www.adfg.alaska.gov/
<u>Dutch Harbor Office</u>		
Mail Address:	Physical Address:	Office Phone: (907) 581-1239 Cell: (907) 512-7234
P.O. Box 920587	2315 Airport Beach Road	Fax: (907) 581-1572
Dutch Harbor, Alaska 99692	2 nd floor, Suite 207	E-mail: dfg.dutchharbor@alaska.gov
	Dutch Harbor, Alaska	Dispatch: #1234
Miranda Westphal: Bering Sea-Aleutian Islands Area Management Biologist		E-mail: miranda.westphal@alaska.gov
Asia Beder: Bering Sea-Aleutian Islands Asst. Area Management Biologist		E-mail: asia.beder@alaska.gov
<u>Kodiak Office</u>		
Mail Address:	Physical Address:	Phone: (907) 486-1840
351 Research Court	351 Research Court	Fax: (907) 486-1824
Kodiak, Alaska 99615	Kodiak, Alaska	
Mark Stichert, Regional Groundfish Management Biologist		E-mail: mark.stichert@alaska.gov
Nat Nichols, Kodiak, Chignik, Alaska Peninsula Area Management Biologist		E-mail: nathaniel.nichols@alaska.gov
Cassie Whiteside, Kodiak, Chignik, Alaska Peninsula Asst. Area Management Biologist		E-mail: cassandra.whiteside@alaska.gov
Alaska Wildlife Troopers		website: http://www.dps.state.ak.us/AWT/
<u>Dutch Harbor Office</u>		
Mail Address:	Physical Address:	
P.O. Box 920848	2315 Airport Beach Road, Suite 101	Phone: (907) 581-1432
Dutch Harbor, Alaska 99692	Dutch Harbor, Alaska	Fax: (907) 581-1407
Alex Arduser: Post Sergeant		E-mail: alex.arduser@alaska.gov
Commercial Fisheries Entry Commission (CFEC)		website: http://www.cfec.state.ak.us/
Mail Address:	Physical Address:	
P. O. Box 110302	8800 Glacier Highway #109	Phone: (907) 789-6150
Juneau, Alaska 99811-0302	Juneau, Alaska	Fax: (907) 789-6170
National Marine Fisheries Service – Alaska Region		website: http://www.fisheries.noaa.gov/region/alaska
<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 (Vacant; forwarded to Kodiak 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
Semisopchnoi Island	51°53.10'N	179°53.11'E
Semisopchnoi Island	51°53.10'N	179°46.55'E
Semisopchnoi Island	51°48.84'N	179°46.55'E
Semisopchnoi 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. SUMMARY OF SEASONS AND GEAR SIZE

Appendix C1.—Summary of the Aleutian Islands Subdistrict state-waters Pacific cod season dates, management actions, and state-waters guideline harvest levels, 2023.

Pacific Cod Season Opening Dates	Pot Gear ≤60 Feet OAL	Pot Gear ≤100 Feet OAL	Pot Gear ≤125 Feet OAL	Jig Gear ≤60 Feet OAL	Longline Gear ≤58 Feet OAL	Trawl Gear ≤60 Feet OAL	Trawl Gear ≤100 Feet OAL
Adak Section (state waters between 175° W long and 178° W long)	January 1	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	March 15 at 12:00 noon Alaska time	January 1	January 1	January 1	March 15 at 12:00 noon Alaska time
All state waters west of 170° W long	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	March 15 at 12:00 noon Alaska time	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	4 days after closure of federal BSAI over 60 feet pot gear CV fishery	March 15 at 12:00 noon Alaska time
State-Waters GH^L^a	15,000,000^a	15,000,000^a	15,000,000^a	15,000,000^a	15,000,000^a	15,000,000^a	15,000,000^a

^a There is no GH^L allocation by gear type or vessel size. The fishery will close for all gear types and vessel sizes once the GH^L is achieved or on December 31, whichever occurs first.

Appendix C2.—Summary of the Aleutian Islands Subdistrict state-waters Pacific cod season dates and management actions that were adopted by the Board of Fisheries at the October 2022 meeting.

Pacific Cod Season Opening Dates	Adak Section (state waters between 175° W long and 178° W long)	All state waters west of 170° W long <u>before</u> March 15th	All state waters west of 170° W long <u>after</u> March 15th
Opening Dates	January 1	4 days after closure of federal BSAI over 60 feet pot gear CV fishery or February 1st, whichever occurs first	Anytime after March 15th by Advisory Announcement
Legal Gear and Vessel Size	Pot Gear ≤ 100 feet OAL Jig Gear ≤ 60 feet OAL Trawl Gear ≤ 60 feet OAL Longline Gear ≤ 58 feet OAL	Pot Gear ≤ 100 feet OAL Jig Gear ≤ 60 feet OAL Trawl Gear ≤ 60 feet OAL Longline Gear ≤ 58 feet OAL	Pot Gear ≤ 125 feet OAL Trawl Gear ≤ 100 feet OAL