

**Fishery Management Plan for the Aleutian Islands
Subdistrict State-Waters and Parallel Pacific Cod
Seasons, 2021**

by

Asia Beder

December 2020

Alaska Department of Fish and Game

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

REGIONAL INFORMATION REPORT 4K20-11

**FISHERY MANAGEMENT PLAN FOR THE ALEUTIAN ISLANDS
SUBDISTRICT STATE-WATERS AND PARLLEL PACIFIC COD
SEASONS, 2021**

by
Asia Beder

Alaska Department of Fish and Game, Division of Commercial Fisheries, Dutch Harbor

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

December 2020

The Regional Information Report Series was established in 1987 and was redefined in 2007 to meet the Division of Commercial Fisheries regional need for publishing and archiving information such as area management plans, budgetary information, staff comments and opinions to Alaska 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/>.

*Asia Beder,
Alaska Department of Fish and Game, Division of Commercial Fisheries,
PO Box 920587, Dutch Harbor, AK 99692, USA*

This document should be cited as follows:

Beder, A. 2020. Fishery management plan for the Aleutian Islands Subdistrict state-waters and parallel Pacific cod seasons, 2021. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K20-11, Kodiak.

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility please write:

ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526

U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS 2042, Arlington, VA 22203

Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW MS 5230, Washington DC 20240

The department's ADA Coordinator can be reached via phone at the following numbers:

(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

TABLE OF CONTENTS

	Page
LIST OF FIGURES	i
LIST OF APPENDICES	i
ABSTRACT	1
INTRODUCTION	1
Area Description.....	1
Overview	1
Steller Sea Lion Closures During Parallel Season	1
Other Closures During Parallel and State-waters Seasons.....	2
Bycatch During Parallel and State-waters Seasons	2
PARALLEL PACIFIC COD SEASON.....	2
STATE-WATERS PACIFIC COD SEASON	3
2021 Guideline Harvest Level	3
Season Dates.....	3
Registration Requirements.....	4
Trip Limits.....	5
Catch Reporting.....	5
Buoy Marking Requirements.....	5
Pot Storage and Landing Requirements.....	5
INSEASON ANNOUNCEMENTS.....	6
FIGURES	7
APPENDIX A. LIST OF FISHERY CONTACTS, BY AGENCY AND LOCATION.....	11
APPENDIX B. COORDINATES FOR THE ALEUTIAN ISLANDS CORAL HABITAT PROTECTION AREAS	13
APPENDIX C. SUMMARY OF SEASONS AND GEAR SIZE.....	15
APPENDIX D. EXAMPLE OF REPORTING WORKSHEETS.....	17

LIST OF FIGURES

Figure	Page
1. Aleutian Islands Subdistrict state-waters Pacific cod management area	8
2. Aleutian Islands Coral Habitat Protection Areas closed to bottom contact gear	9
3. Aleutian Islands Habitat Conservation Areas.....	10

LIST OF APPENDICES

Appendix	Page
A1. List of fishery contacts by agency and location.....	12
B1. Coordinates for the Aleutian Islands Coral Habitat Protection Areas.	14
C1. Summary of the Aleutian Islands Subdistrict state-waters Pacific cod season dates, management actions, and state-waters guideline harvest levels, 2021.	16
D1. Example of weekly reporting worksheet.	18
D2. Example of daily reporting worksheet.....	19

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 2021 guideline harvest level for the Aleutian Islands Subdistrict state-waters season is the maximum regulatory GHl of 15,000,000 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.

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 (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 2021 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 located 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

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 December 20, 2019)

miles (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 2021 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.

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)).

Fishermen must possess a 2021 statewide Commercial Fisheries Entry Commission (CFEC) interim use permit card for the appropriate gear type and vessel length. Fishermen 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 fishermen who possess an FFP to understand applicable federal regulations, including regulations regarding observer coverage and logbook requirements. Fishermen 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 2021 season.

2021 GUIDELINE HARVEST LEVEL

The 2021 guideline harvest level (GHL) for the Aleutian Islands Subdistrict state-waters Pacific cod was achieved, accordingly the 2021 season GHL increased from 35% to 39% of the estimated acceptable biological catch of Pacific cod in the federal Aleutian Islands subarea, which is 17,712,000 pounds. However, a maximum regulatory GHL is established for this fishery, therefore the 2021 season GHL is 15,000,000 pounds.

SEASON DATES

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 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.

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. Fishermen 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

Fishermen 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 2021 AIS state-waters Pacific cod season may not register for any other exclusive or superexclusive state-waters Pacific cod season during the 2021 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 2021, that vessel may not participate in the 2021 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.

Due to COVID-19 concerns we will be registering all vessels via electronic mail or phone for the 2021 season. Please call 907-581-1239 or email asia.beder@alaska.gov to register for the AIS state-waters Pacific cod fishery. If electronic registration is not possible contact ADF&G in Dutch Harbor for alternative arrangements. Fishermen must possess a 2021 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 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. Fishermen 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 5:00 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 GHL remains unharvested and the GHL 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 fishermen to report harvest information weekly or daily (Appendix D1 and D2). Should ADF&G request fishermen 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; Appendix D2). 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. Fishermen 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 fishermen to configure gear for storage or to place gear onboard before a closure; however, the potential exists for short advance notice of a closure.

If 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

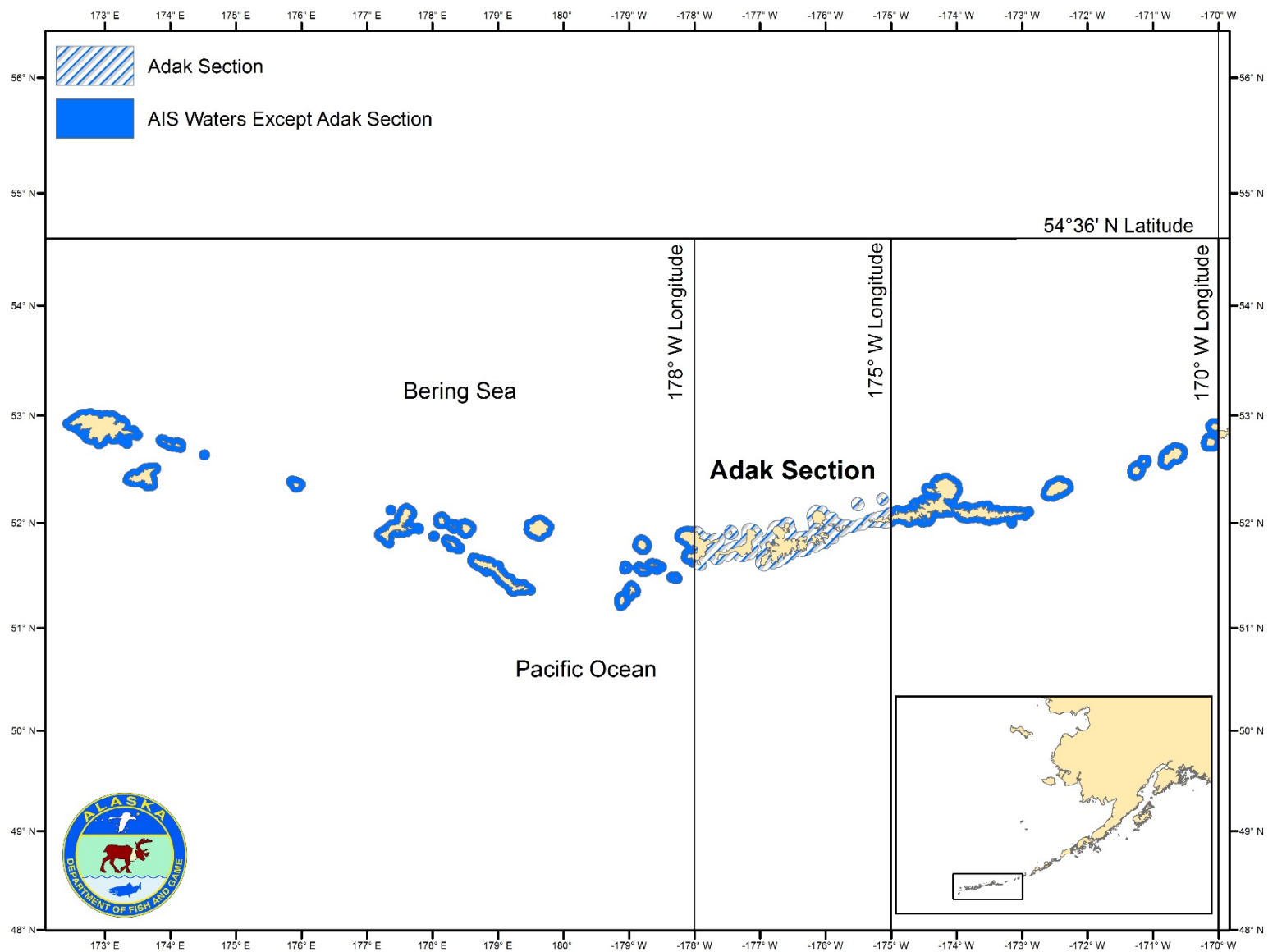


Figure 1.—Aleutian Islands Subdistrict state-waters Pacific cod management area.

ALEUTIAN ISLANDS DISTRICT CORAL HABITAT PROTECTION AREAS

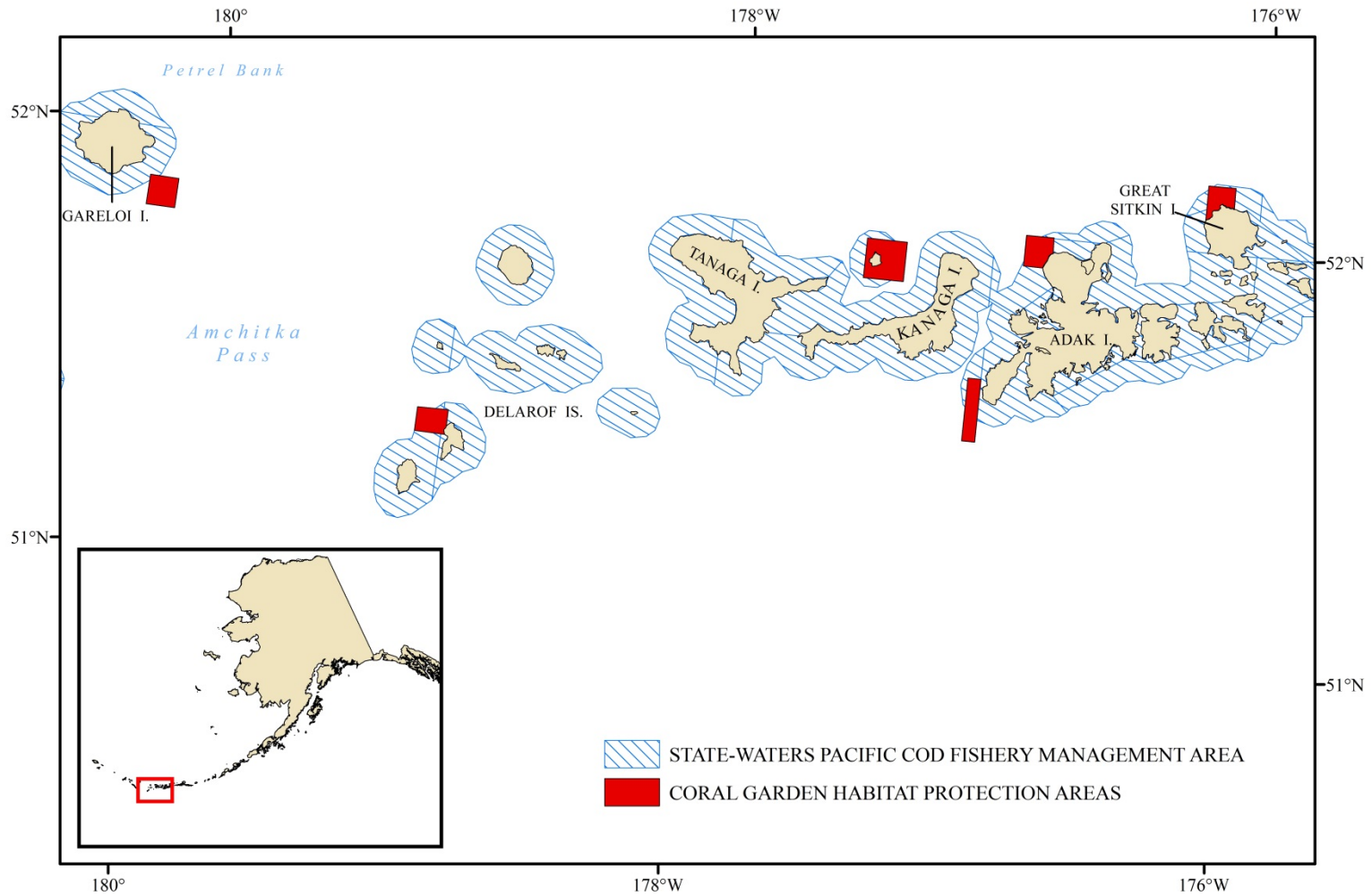


Figure 2.—Aleutian Islands Coral Habitat Protection Areas closed to bottom contact gear.

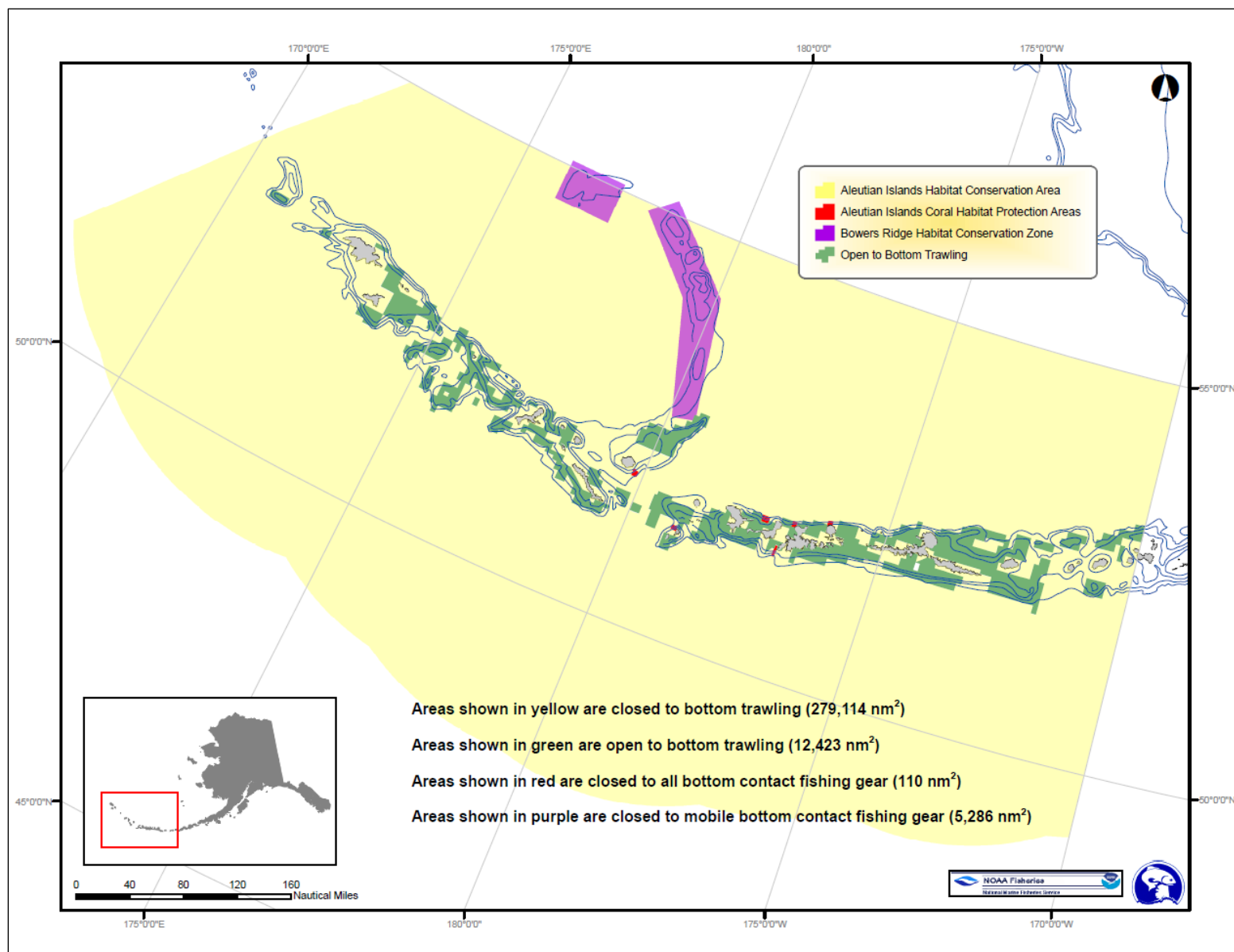


Figure 3.—Aleutian Islands Habitat Conservation Areas.

**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		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. 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, 2021.

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 D. EXAMPLE OF REPORTING WORKSHEETS

Appendix D1.–Example of weekly reporting worksheet.



**2021 Aleutian Islands Subdistrict State-water
Pacific Cod Inseason Reporting Worksheet**



Fishermen must report fishing information for the previous week (Monday to Sunday)
WEEKLY on MONDAYS between 9 a.m. and 10 a.m. to the Dutch Harbor Office.

Do not combine reports.

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

	Code Item 1	Code Item 2	Code Item 3
Report Period End Date ¹	Statistical Area ²	Pounds of Cod Retained ³	Effort ⁴

WEEKLY TOTAL

--	--	--	--

	Code Item 1	Code Item 2	Code Item 3
Report Period End Date ¹	Statistical Area ²	Pounds of Cod Retained ³	Effort ⁴

WEEKLY TOTAL

--	--	--	--

¹ Weekly report period is Monday - Sunday

² Area(s) fished in the past week - stat areas if possible

³ Weight in pounds of retained cod in the past week

⁴ Number pots lifted, hooks fished, soak times, tow lengths/times
in the past week

Inseason Reporting Contacts:

ADF&G Dutch Harbor

Dispatch: #1234

Phone: (907) 581-1239

Text: (907) 512-7234

Fax: (907) 581-1572

E-Mail: dfg.dutchharbor@alaska.gov

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

[illegible]

⁴ Number pots lifted, hooks fished, soak times, tow lengths/times in the past 24 hrs

E-Mail: dfg.dutchharbor@alaska.gov