

**Fishery Management Report No. 11-61**

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**Fishery Management Plan for the Chignik District  
Commercial Tanner Crab Fishery, 2012**

by

**Mark Stichert**

November 2011

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



## Symbols and Abbreviations

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<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 (multiple)	R
milliliter	mL	west	W	correlation coefficient (simple)	r
millimeter	mm	copyright	©	covariance	cov
		corporate suffixes:		degree (angular)	°
<b>Weights and measures (English)</b>		Company	Co.	degrees of freedom	df
cubic feet per second	ft <sup>3</sup> /s	Corporation	Corp.	expected value	$E$
foot	ft	Incorporated	Inc.	greater than	>
gallon	gal	Limited	Ltd.	greater than or equal to	≥
inch	in	District of Columbia	D.C.	harvest per unit effort	HPUE
mile	mi	et alii (and others)	et al.	less than	<
nautical mile	nmi	et cetera (and so forth)	etc.	less than or equal to	≤
ounce	oz	exempli gratia	e.g.	logarithm (natural)	ln
pound	lb	(for example)		logarithm (base 10)	log
quart	qt	Federal Information Code	FIC	logarithm (specify base)	log <sub>2</sub> , etc.
yard	yd	id est (that is)	i.e.	minute (angular)	'
		latitude or longitude	lat. or long.	not significant	NS
<b>Time and temperature</b>		monetary symbols (U.S.)	\$, ¢	null hypothesis	$H_0$
day	d	months (tables and figures): first three letters	Jan, ..., Dec	percent	%
degrees Celsius	°C	registered trademark	®	probability	P
degrees Fahrenheit	°F	trademark	™	probability of a type I error (rejection of the null hypothesis when true)	$\alpha$
degrees kelvin	K	United States (adjective)	U.S.	probability of a type II error (acceptance of the null hypothesis when false)	$\beta$
hour	h	United States of America (noun)	USA	second (angular)	"
minute	min	U.S.C.	United States Code	standard deviation	SD
second	s	U.S. state	use two-letter abbreviations (e.g., AK, WA)	standard error	SE
				variance	
<b>Physics and chemistry</b>				population sample	Var var
all atomic symbols					
alternating current	AC				
ampere	A				
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				

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Mark Stichert

Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak

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

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*Mark Stichert*

*Alaska Department of Fish and Game, Division of Commercial Fisheries  
211 Mission Road, Kodiak, AK 99615, USA*

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## ABSTRACT

The Chignik District except for inner Castle Bay will open for a commercial Tanner crab *Chionoecetes bairdi* fishery on January 15, 2012 unless delayed by weather. The 2012 Chignik District Tanner crab guideline harvest level (GHL) is 700,000 pounds. Based on the GHL, the pot limit will be 30 pots per vessel. This document provides an overview of the Chignik District Tanner crab harvest strategy and summarizes regulations governing gear specifications, pot storage, landing requirements, fishing hours, tank inspection, and inseason reporting. This document also provides information on the commercial Tanner crab fishery that occurs in the Semidi Island Overlap Section of the Kodiak District. Fishermen are encouraged to use this document as a supplement to the 2011–2012 Commercial King and Tanner Crab Fishing Regulation booklet to understand regulations for this fishery.

Key words: Tanner crab, *Chionoecetes bairdi*, Chignik District, Semidi Island Overlap Section, Area J, harvest strategy, regulations, guideline harvest level (GHL).

## INTRODUCTION

### AREA DESCRIPTION

The Chignik District for Tanner crab *Chionoecetes bairdi* includes all Pacific Ocean waters east of a line from the southernmost tip of Kupreanof Point to the eastern most point of Castle Rock, and east of a line extending southeast 135° from the easternmost point of Castle Rock and west of the longitude of the easternmost tip of Cape Kumlik (Figure 1). Chignik District fishermen may also target Tanner crab in the Semidi Island Overlap Section of the Kodiak District under a separate registration. The Semidi Island Overlap Section includes all waters west of the longitude of Cape Kilokak (156°19' W long) and east of the longitude of Cape Kumlik (157°27' W long). Description of the district and section boundaries is found in 5 AAC 35.505 *DESCRIPTION OF REGISTRATION AREA J DISTRICTS* on pages 147 and 148 of the 2011–2012 Commercial King and Tanner Crab Fishing Regulations.

### OVERVIEW

The Chignik District Tanner crab fishery began in 1968 when 21,100 pounds were harvested. The fishery peaked during the 1976 season when 35 vessels harvested approximately 11.0 million pounds. Annual harvests declined through the late 1970s and recruitment failures in the early 1980s led to consecutively smaller annual harvests until 1988, when a small increase in harvest occurred. Historically, most effort occurred during late March following closures of the Tanner crab fisheries in the Kodiak and South Peninsula districts. The areas of highest production were offshore between Mitrofanina Island and Lighthouse Rocks.

The Alaska Department of Fish and Game (ADF&G) began Chignik District Tanner crab assessment surveys in 1981. Surveys in the early 1980s predicted poor recruitment. Subsequent catches declined first in the productive offshore areas, then later, inside bays and other near shore waters. The district was closed to commercial fishing in 1990 and remained closed through the 2004 season. In 1999, the Alaska Board of Fisheries (BOF) adopted a comprehensive harvest strategy (Urban et al. 1999) for Tanner crab in the Chignik District (5 AAC 35.507). The Chignik District reopened to commercial Tanner crab fishing under this harvest strategy during the 2005 and 2006 seasons. The commercial Tanner crab fishery closed following the 2006 season due to low abundance of legal sized male Tanner crab.

In recent years the abundance of Tanner crab in the Chignik District has increased. Most of the observed increase in abundance is due to a cohort of crab first detected in the ADF&G trawl

survey during 2006. That cohort has subsequently recruited into legal size allowing for commercial harvests to occur during the 2011 and 2012 fishing seasons.

## **2012 GUIDELINE HARVEST LEVEL**

Based on analysis of the 2011 ADF&G trawl assessment survey, the Chignik District was above the mature male abundance threshold for a 2012 commercial Tanner crab fishery. **The 2012 Chignik District Tanner crab guideline harvest level (GHL) is 700,000 pounds.**

## **REGULATIONS**

### **OVERVIEW**

State of Alaska Tanner crab regulations begin on page 125 of the 2011–2012 Commercial King and Tanner crab regulation booklet. Specific regulations pertaining to Tanner crab fisheries in Registration Area J begin on page 143. The harvest strategy, 5 AAC 35.507 *KODIAK, CHIGNIK, AND SOUTH PENINSULA DISTRICTS, C. BAIRDI TANNER CRAB HARVEST STRATEGIES*, is located on pages 150–152. Following is a summary of 2012 Tanner crab fishing regulations in the Chignik District, particularly those that have changed as a result of recent BOF actions. For additional information contact the ADF&G office in Kodiak or refer to the ADF&G website at: <http://www.adfg.alaska.gov/index.cfm?adfg=fishingCommercial.main>.

### **SEASON OPENING WEATHER DELAY**

The 2012 Chignik District commercial Tanner crab season opens by regulation at 12:00 PM (noon), January 15, 2012 unless delayed by weather, 5 AAC 35.510(b)(2) *FISHING SEASONS FOR REGISTRATION AREA J*. The season opening will be delayed 24 hours if the January 14, 4:00 AM National Weather Service marine forecast for the current day and night plus the following day and night in Area 155 (coastal waters south of the Alaska Peninsula Castle Cape to Cape Sarichef) contains a small craft advisory. If after the initial weather delay, the 4:00 AM National Weather Service marine forecast for the current day and night plus the following day and night again contains a small craft advisory, the season opening will be delayed an additional 24 hours. Season opening delays may continue on a rolling 24-hour basis until 12:00 noon on January 25, when the season will open regardless of National Weather Service marine weather forecasts.

### **VESSEL SIZE RESTRICTIONS, REGISTRATION, AND TENDERS**

Tanner crab may not be taken in the Chignik District by vessels greater than 58 feet in overall length, 5 AAC 35.590 (b) *VESSEL LENGTH RESTRICTIONS*. All vessels must register with ADF&G prior to the start of the Chignik District commercial Tanner crab fishery. Vessel operators must possess a 2012 permit card for Chignik Area Tanner crab (T09L) and a current 2012 commercial vessel license prior to registration. Permit cards and vessel licenses can be obtained from the Commercial Fisheries Entry Commission (CFEC) in Juneau (Appendix A).

The Chignik District Tanner crab fishery is a superexclusive registration district fishery. However, a vessel registered for Tanner crab in the Chignik District may also be used to take Tanner crab in the Semidi Island Overlap Section of the Kodiak District under a separate registration. Vessel operators may change vessel registration during the season by contacting ADF&G in Kodiak. A vessel may not be registered to fish in the Chignik District and the Semidi Island Overlap Section at the same time.

All tender vessels must register with ADF&G prior to starting tendering operations. Tender vessels may not have a pot-hauling block or other crab fishing gear (e.g. pots) onboard and may not be used to harvest Tanner crab (5 AAC 35.033). Catcher vessels participating in the Tanner crab fishery may not transport crab for other registered catcher vessels.

## **FISHING PERIODS AND POT LIMITS**

Fishing gear may be operated for 10 hours from 8:00 AM to 5:59 PM each day. Baited gear may be left in the water for 14 hours each night from 6:00 PM to 7:59 AM, 5 AAC 35.510 (b) *FISHING SEASONS FOR REGISTRATION AREA J*.

When the Chignik District Tanner crab GHL is 2,000,000 pounds or less, no more than 30 aggregate pots (including stored pots) may be operated by a vessel registered for the Chignik District Tanner crab fishery. If the GHL exceeds 2,000,000 pounds ADF&G will establish the individual vessel pot limit, not to exceed 50 pots per vessel, by dividing the Chignik District 1,000 total pot limit by the number of vessels that register by the December 24 registration deadline specified in 5 AAC 35.506(e)(6).

With a total GHL of 700,000 pounds, the pot limit for the 2012 Chignik District Tanner crab fishery will be 30 pots per vessel.

The pot limit is 70 pots per vessel in the Semidi Island Overlap Section (5 AAC 35.507 (c)(3)(C)).

## **GEAR AND BUOY TAGS**

Commercial Tanner crab pots may not be more than 10 feet long by 10 feet wide by 42 inches high with rigid tunnel eye openings that are less than five inches (13 cm) in height. Individual tunnel eye openings must be more than 36 inches in perimeter. Ring nets are not legal gear in the Chignik District for the commercial harvest of Tanner crabs. Specific regulations regarding legal pot dimensions are in 5 AAC 35.050 *LAWFUL GEAR FOR TANNER CRAB* on page 129 of the crab regulations.

Buoy tags are required on all commercial Tanner crab pots used during the fishery and will be available in person at the ADF&G office in Kodiak or through the U.S. Postal Service beginning mid-December. Buoy tags will also be available at the city office in Chignik and local processors in Sand Point. Each pot must have a tag placed on the main buoy or trailer buoy if more than one buoy is attached to the pot. A valid 2012 Tanner crab CFEC permit card is required to receive tags. Contact ADF&G in Kodiak at 907-486-1840 for additional information on buoy tags.

Replacement buoy tags may be obtained by contacting ADF&G in Kodiak. The vessel owner, operator, or agent must complete an affidavit form describing how the tags were lost and supply the unique number(s) of each lost tag.

Pots with lost tags may remain on the fishing grounds but those pots must be secured open with bait removed until replacement tags are obtained. Vessel operators must contact Alaska State Troopers Division of Fish and Wildlife Protection to report the number and location of untagged pots (see Appendix A for contact information).

## **BUOY MARKING REQUIREMENTS**

Buoys attached to pots must comply with 5 AAC 35.051 *TANNER CRAB GEAR MARKING REQUIREMENTS* listed on page 129 and 5 AAC 35.526 *TANNER CRAB POT MARKING REQUIREMENTS FOR REGISTRATION AREA J* on page 160 of the crab regulations. The buoy containing the five-digit ADF&G number may not be marked with 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.

## **ESCAPE MECHANISMS**

Escape mesh or escape rings are required for all Tanner crab pots. Each pot must contain at least one third of one vertical surface of the pot composed of not less than 7¼ inch stretched mesh webbing or have no less than four circular escape rings which have an inside diameter of at least five inches. Escape rings must be installed on the vertical plane of the pot to allow for escapement of undersized crabs. Escape rings are not required to be placed within a certain distance from the bottom of the pot. However, ADF&G recommends placing rings within one mesh from the bottom of the pot to optimize escapement of undersized or female crabs. Specific regulations on escape device requirements are located under 5 AAC 35.525 *LAWFUL GEAR FOR REGISTRATION AREA J* on pages 159–160 of the crab regulations.

In addition to escape mesh or rings, pots must be equipped with a biodegradable escape mechanism as described in 5 AAC 39.145 *ESCAPE MECHANISM FOR SHELLFISH AND BOTTOMFISH POTS* on pages 58–59 of the crab regulations. All pots must contain an opening 18 inches or greater in length placed within six 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.

## **OPERATION OF OTHER POT GEAR, POT STORAGE, AND LANDING REQUIREMENTS**

A person or vessel that operates pot gear (e.g., cod pots, subsistence pots, etc.) at any time during the 14 days immediately prior to the 2012 Chignik District Tanner crab fishery opening may not participate in the commercial Tanner crab fishery, 5 AAC 35.053 *OPERATION OF OTHER POT GEAR*. While the Chignik District Tanner crab fishery is open, vessels registered for the commercial Tanner crab fishery may not operate groundfish pots, including pots to catch Pacific cod for bait, 5 AAC 35.050 *LAWFUL GEAR FOR TANNER CRAB*. Pacific cod caught as bycatch in crab pots may not be sold; however, Pacific cod bycatch may be retained for bait and should be reported on Tanner crab fish tickets.

Legal Tanner crab pots with buoy tags attached may be placed into shallow water storage during the 14-day stand down period. Up to 30 pots may be stored prior to the season in waters of 25 fathoms or less with all bait and bait containers removed and the doors secured fully open (or not secured closed for cone or pyramid pots; (5 AAC 35.527(3) & 5 AAC 35.052). Once placed into storage, vessel operators may not retrieve pots to attach buoy tags during the 14-day stand down period. In addition, vessels may not retrieve gear from storage during the 24-hour period between tank inspection and the fishery opening. At the time of tank inspection, all gear onboard the vessel and in the water must have buoy tags attached.

A vessel may not have more than the specified pot limit onboard or in wet storage within the district while the vessel is registered for Tanner crab. Converted pots used as ‘storage boxes’ to

store crab in the water for dry tanked vessels are not permitted unless the crab storage devices are attached to the vessel at all times. Additional information concerning pot storage is located at 5 AAC 35.527 *TANNER CRAB POT STORAGE REQUIREMENTS FOR REGISTRATION AREA J* on pages 160–161 of the crab regulations.

After closure of the Tanner crab season, vessels intending to participate in the Pacific cod fishery must either remove all Tanner crab pots from the water or place pots into shallow-water storage before registering with ADF&G for the Pacific cod fishery. Additional provisions on the operation of other pot gear within the Chignik District are located under 5 AAC 35.053 *OPERATION OF OTHER POT GEAR* on page 130 of the crab regulations.

Vessel operators delivering Tanner crab to ports outside the Chignik District are required to contact the ADF&G office in Kodiak, or ADF&G personnel in Sand Point if available, prior to leaving the district. Vessels delivering outside the district must provide the estimated number of crab onboard the vessel at the time of the closure, delivery location and processing facility, and estimated time of arrival. Additional requirements for mechanically disabled vessels are found in 5 AAC 35.052(3). Delays due to weather will be addressed on an individual basis (5 AAC 35.031 *TANNER CRAB LANDING REQUIREMENTS* pages 127–128 of the crab regulations).

## **TANK INSPECTION**

Tank inspection may be required for vessels with circulating sea water systems. Circulating sea water systems include on-deck containers with water circulated by pumps, hoses, or other means. Onboard pot gear will be examined at the time of tank inspection to ensure all gear is in compliance with area regulations. If conducted, tank inspections will begin at 12:00 noon on January 14 in Chignik Bay and Sand Point unless delayed by weather. Upon completion of the tank and gear inspection, a valid 2012 shellfish registration will be issued to the vessel. A copy of the registration must remain onboard the vessel while fishing. The registration becomes invalid 24 hours after the closure of the fishery. If the Tanner crab fishery is open, vessels must invalidate their registration prior to participating in other fisheries by contacting ADF&G in Kodiak (Appendix A). If tank inspection requirements are waived in the Chignik District, ADF&G will notify participants by news release on the morning of the scheduled tank inspection.

## **TANNER CRAB SIZE LIMIT**

The minimum legal size of Tanner crab in the Chignik District is 5.5 inches (140 mm) carapace width (CW). Only legal-size male crab can be retained; all other crab incidentally captured must be immediately returned to the water unharmed. King crab may not be legally retained for subsistence or personal use during the commercial Tanner crab fishery.

## **CLOSED WATERS**

Inside waters of Castle Bay west of 158°14.42' W long (Figure 2) will be closed to all commercial Tanner crab harvest during the 2012 season. Based on 2011 trawl survey results, the abundance of female and sublegal male Tanner crab inside Castle Bay exceeded the abundance of legal male Tanner crab. Therefore, inside waters of Castle Bay will remain closed to prevent excessive handling of noncommercial crab.

## **SUMMARY OF FISHERY CLOSURE SCENARIOS**

Delivery requirements, post-closure pot storage requirements, and re-registration requirements vary depending on the type of closure (entire or partial district) and the amount of advance notice given for the closure. Following is a summary of closure scenarios, pot storage options, delivery requirements, and re-registration requirements contained in 5 AAC 35.030, 5 AAC 35.031, 5 AAC 35.052, 5 AAC 35.527, and 5 AAC 35.556.

### **Closure of the entire district with 6 or more hours advance notice.**

- All pots must be unbaited at the time of the closure.
- Vessel operators are required to deliver all catch within 24 hours of the closure.
- Pots may be stored in the water without bait and with doors secured at any depth up to **7 days** after the closure of the commercial Tanner crab season (5 AAC 35.527 (3)).

### **Closure of the entire district with less than 6 hours advance notice.**

- After the closure, vessel operators may not place gear in storage or retrieve pots from storage until all catch has been delivered.
- Vessel operators are required to proceed directly to port at the time of the closure and deliver catch within 24 hours.
- Vessel operators are required to return to the fishing grounds within 72 hours after delivery to 'rail dump' all crab from baited gear left on the grounds.

### **Partial closure of the district with 6 or more hours advance notice.**

This situation occurs when bays or other specific areas close prior to closure of the entire district.

- Pot gear in the closure area must be unbaited at the time of the closure.
- Vessel operators fishing in the closure area may be required to deliver all catch within 24 hours of the closure. Any changes to the delivery requirement will be provided by news release at the time of the closure announcement.
- Vessel operators may store pots in waters deeper than 25 fathoms for 72 hours in closed waters.
- Vessel operators may place baited gear in waters that remain open to fishing provided all catch is delivered within 24 hours of the partial closure.

### **Partial closure of the district with less than 6 hours advance notice.**

This scenario is unlikely. Should this type of closure occur, landing, pot storage, and re-registration requirements will be defined by news release at the time of the closure announcement.

## **INSEASON FISHERY MANAGEMENT**

The distribution and abundance of legal-sized crab varies by location (Figure 3). Individual areas within the district may close to prevent overharvest of localized crab populations while other locations within the district remain open.

Fishery performance as measured by catch per unit effort (CPUE) of legal crab will be closely monitored as will reports of undersized and/or female crab. Closures may occur before the total GHF is achieved if CPUE indicates the number of legal-sized males has substantially declined or

if excessive handling of sublegal and female crab is reported. ADF&G will make every effort to allow sufficient time for vessels to configure gear for storage before a closure; however, the potential exists for short advance notice closures. The regulatory season closure date is March 31, 2012.

## INSEASON CATCH REPORTING

ADF&G will manage the Chignik District commercial Tanner crab fishery based on inseason catch reports provided by vessels and processors. Inseason reporting allows ADF&G to consider how changes in effort, fleet behavior, tides, and weather influence Tanner crab harvest rates.

Effective fisheries management requires timely and accurate fishery performance information. All vessels are strongly encouraged to participate in the reporting process. Each vessel will be issued 2012 reporting worksheets during registration. Reports will be taken by telephone (Kodiak Office 907-486-1853), satellite dispatch system, or e-mail. The ADF&G Kodiak office uses the Matrix<sup>1</sup> dispatch service. **The Kodiak office Matrix dispatch number is 7894.** Vessel operators will be asked for their preferred reporting method at the time of registration.

Reports from vessel operators will be initially taken at 9:00 AM daily. Depending on effort, ADF&G may change the reporting schedule during the season. Encryption codes will be provided to vessel operators during registration. Vessel operators are not required to encrypt daily harvest reports but codes may be used at any time to transmit confidential catch information.

Closure announcements or changes to the reporting schedule will be communicated to the fleet by satellite dispatch service and through participating processors. Current fishery status will also be available on the ADF&G recorded information phone at 907-486-4559, option 2. Inseason updates, changes to the reporting schedule, and closure announcements will additionally be distributed via the ADF&G news release e-mail subscription service (<http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.mainand>), FAX, and communicated directly to all participating processing facilities.

## SEMIDI ISLAND OVERLAP SECTION

When either the Chignik District or Southwest Section of the Kodiak District are open to commercial Tanner crab fishing, vessels from the Chignik District or Kodiak District may target Tanner crab in the Semidi Island Overlap Section (Figure 1). There is no Tanner crab GHL established for the overlap section.

- All vessels must register with ADF&G prior to fishing in the Semidi Island Overlap Section. **A Chignik or Kodiak district registration is not valid for the Semidi Island Overlap Section.**
- Vessels registered for the Semidi Island Overlap Section may not fish outside the Semidi Island Overlap Section unless they invalidate their Semidi Island Overlap Section registration through ADF&G.
- **Vessels registered for the Semidi Island Overlap Section must report catch.** Vessel operators must provide daily reports containing total catch, fishing location, and effort via radio, phone, satellite dispatch system or e-mail. Alternatively, vessel operators may

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<sup>1</sup> Use of trade names does not constitute an endorsement by ADF&G.

complete logbooks documenting daily catch, fishing location and effort. Logbooks must be submitted with fish tickets following each delivery.

- The **Semidi Island Overlap Section pot limit is 70 pots**. Buoy tags are required for all Tanner crab gear operated in the Semidi Island Overlap Section. Vessel operators that were previously issued buoy tags for the Chignik District Tanner crab fishery may use those buoy tags in the overlap section. All additional pots must have unique Semidi Island Overlap Section tags attached. Semidi Island Overlap Section tags are available from ADF&G in Kodiak (907-486-1840).
- Landing requirements for the Semidi Island Overlap Section.
  - Vessels operators fishing in the Chignik District prior to registering for the Semidi Island Overlap Section must deliver all Chignik District Tanner crab prior to changing vessel registration. However, vessel operators may place baited gear in the Semidi Island Overlap Section prior to delivery, but may not retrieve that gear until all crab taken in the Chignik District has been delivered.
  - Vessels operators fishing in the Semidi Island Overlap Section prior to registering for the Chignik District must deliver all Semidi Island Overlap Section Tanner crab prior to changing vessel registration. However, vessel operators may place baited gear in the Chignik District prior to delivery, but may not retrieve that gear until all crab taken in the Semidi Island Overlap Section has been delivered.

## **PARTICIPATION IN NON-CRAB FISHERIES**

The Chignik District Tanner crab fishery may be open concurrent to other commercial fisheries such as the Western Gulf of Alaska (WGOA) walleye pollock fishery. While registered for the Tanner crab fishery, state regulations prohibit vessels from participating in any other commercial fishery using pot gear (5 AAC 35.053). However, vessels may unregister from the Tanner crab fishery, fish for walleye pollock in the federally managed fishery using a different gear type (pelagic trawl), and subsequently re-register to harvest Tanner crab. Under this scenario all pelagic trawl vessels must:

- Remove bait and secure open all Tanner crab pots before leaving the crab grounds.
- Contact ADF&G in Kodiak to unregister for the Tanner crab fishery and report:
  1. Estimated number or pounds of Tanner crab onboard the vessel.
  2. Location and number of Tanner crab pots used by the vessel.
  3. Anticipated date when vessel will re-enter the Tanner crab fishery.
- Deliver all Tanner crab prior to entering the groundfish fishery.
- Contact ADF&G in Kodiak to re-register for Tanner crab prior to operating any crab pots.

Additional federal fisheries regulations may apply. Vessel operators are strongly encouraged to contact NOAA Fisheries for specific details on federal groundfish fisheries. (Appendix A).

## **REFERENCES CITED**

Urban, D., D. Pengilly, D. Jackson, and I. Vining. 1999. A Tanner crab harvest strategy for Kodiak, Chignik, and the South Peninsula Districts. A Report to the Board of Fisheries. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K99-21, Kodiak.

## **FIGURES**

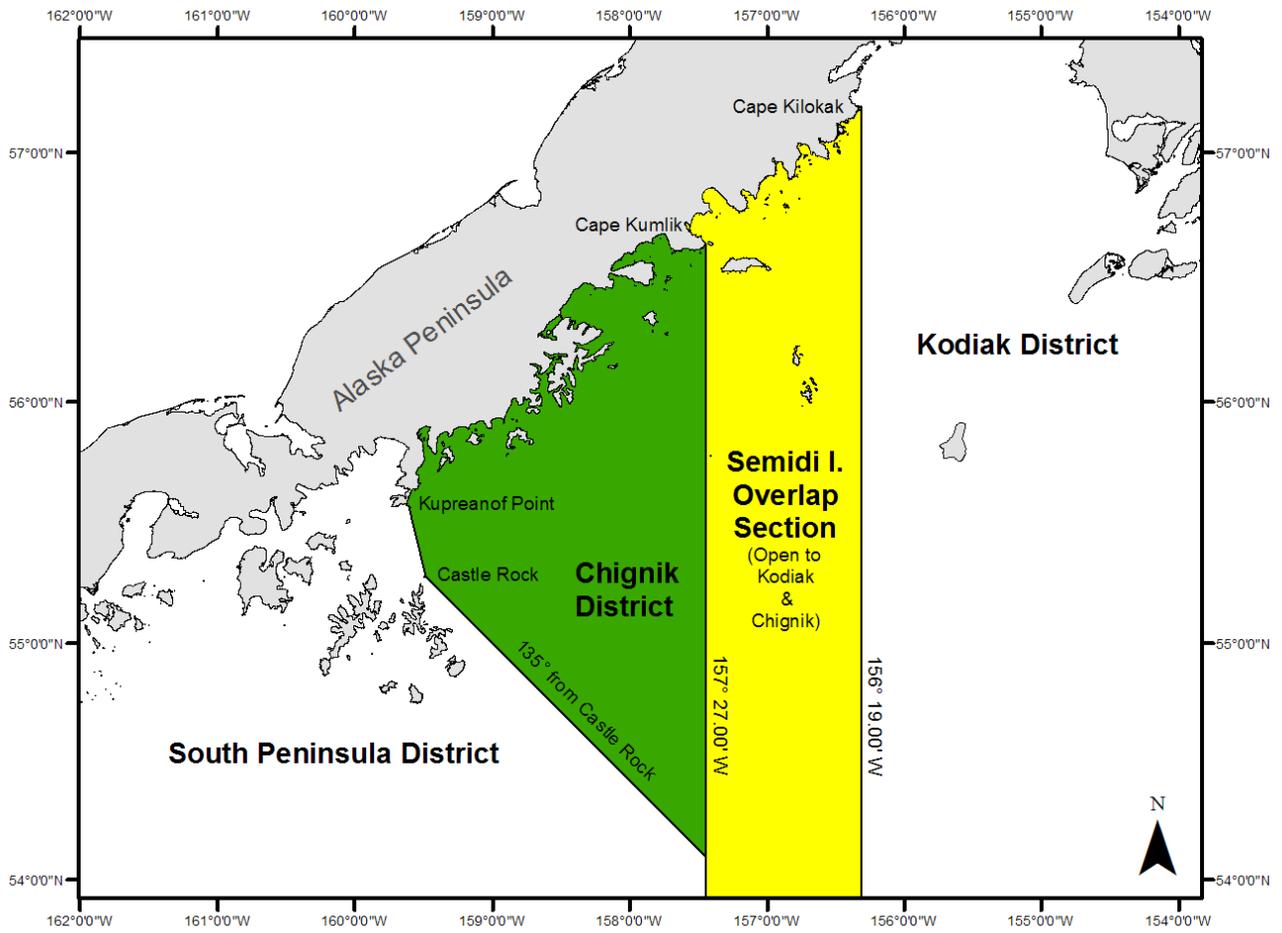


Figure 1.—Chignik District and Semidi Island Overlap Section of the Kodiak District.

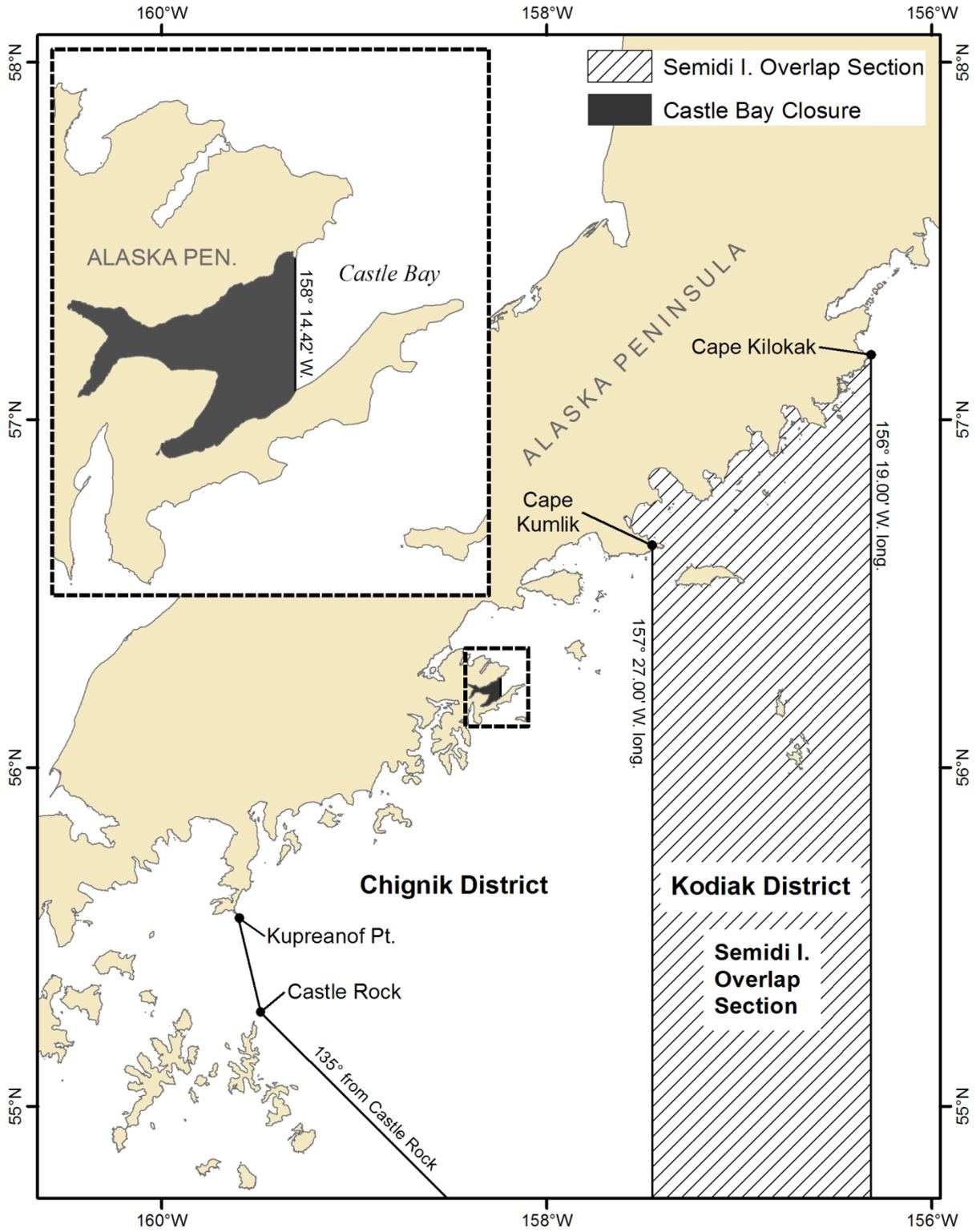


Figure 2.—Chignik District showing Castle Bay closed waters.

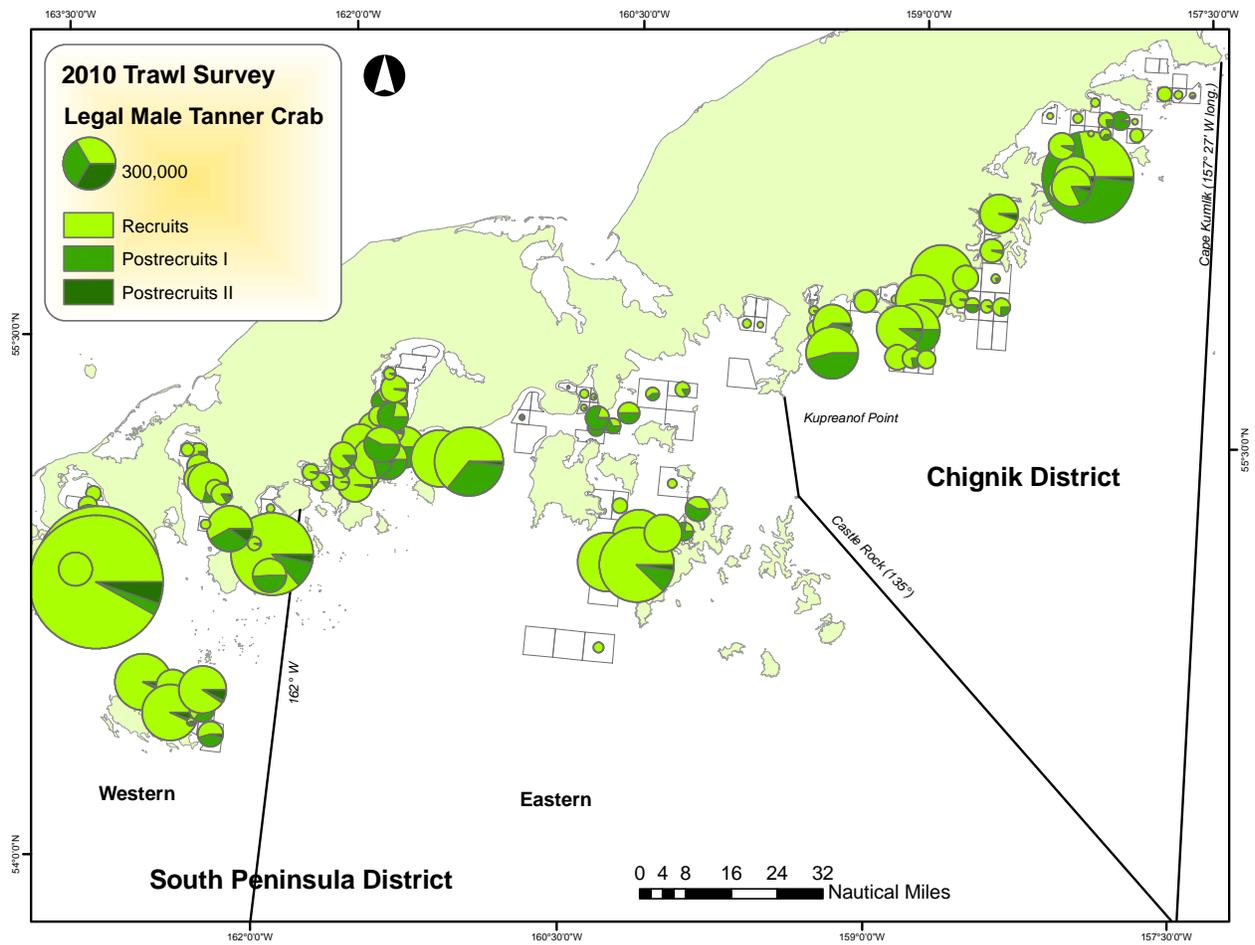


Figure 3.—Population estimates of legal-size Tanner crabs in the Chignik and South Peninsula districts from the 2010 trawl survey.

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

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

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**Alaska Department of Fish and Game**

web site: <http://www.adfg.alaska.gov/index.cfm?adfg=fishingCommercialByArea.southwest>

**Kodiak Office**

**Mail Address:** 211 Mission Road  
Kodiak, Alaska 99615

**Physical Address:** 211 Mission Road  
2<sup>nd</sup> floor, Kodiak, Alaska

**Phone:** (907) 486-1840  
**Record-A-Phone:** (907) 486-4559  
**FAX:** (907) 486-1824  
**Satellite Dispatch:** 7894

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Wayne Donaldson	Westward Region Shellfish/Groundfish Biologist	wayne.donaldson@alaska.gov
Nick Sagalkin	Kodiak, Chignik, Alaska Peninsula Area Shellfish/Groundfish Biologist	nick.sagalkin@alaska.gov
Mark Stichert	Kodiak, Chignik, Alaska Peninsula Shellfish/Groundfish Biologist	mark.stichert@alaska.gov
Kally Spalinger	Kodiak, Chignik, Alaska Peninsula Shellfish/Groundfish Biologist	kally.spalinger@alaska.gov

**Dutch Harbor Office**

**Mail Address:** P. O. Box 920587  
Dutch Harbor, Alaska 99692

**Physical Address:** F.T.S. building, 2<sup>nd</sup> floor  
Airport Beach Road, Dutch Harbor

**Phone:** (907) 581-1239  
**FAX:** (907) 581-1572

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**Division of Alaska Wildlife Troopers**

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

**Kodiak Office**

**Mail Address:** 2921 A Mill Bay Road  
Kodiak, Alaska 99615

**Physical Address:** 2921 A Mill Bay Road  
Kodiak, Alaska

**Phone:** (907) 486-4762  
**FAX:** (907) 486-5480

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Paul Fussey	Post Sergeant	paul.fussey@alaska.gov
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**Commercial Fisheries Entry Commission**

web site: <http://www.cfec.state.ak.us/>

**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

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**National Marine Fisheries Service – ALASKA REGION**

web site: <http://www.alaskafisheries.noaa.gov/>

**Sustainable Fisheries Division**

*Juneau Office*

*Dutch Harbor Office*

*Kodiak Office*

**Phone:** (800) 304-4846 #3

**Phone:** (907) 581-2062

**Phone:** (907) 481-1780

**NOAA Fisheries Enforcement**

*Dutch Harbor Office*

*Kodiak Office*

**Phone:** (907) 581-2061

**Phone:** (907) 486-3298

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