

**Fishery Management Report No. 11-60**

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**Fishery Management Plan for the Commercial  
Tanner Crab Fishery in the South Peninsula District,  
2012**

by

**Mark A. Stichert**

November 2011

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



## Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

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

***FISHERY MANAGEMENT REPORT NO. 11-60***

**FISHERY MANAGEMENT PLAN FOR THE COMMERCIAL TANNER  
CRAB FISHERY IN THE SOUTH PENINSULA DISTRICT, 2012**

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November 2011

The Fishery Management Reports series was established in 1989 by the Division of Sport Fish for the publication of an overview of management activities and goals in a specific geographic area, and became a joint divisional series in 2004 with the Division of Commercial Fisheries. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: <http://www.adfg.alaska.gov/sf/publications/>. This publication has undergone regional peer review.

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## ABSTRACT

The Western and Eastern sections of the South Peninsula District will open for a commercial Tanner crab *Chionoecetes bairdi* fishery on January 15, 2012 unless delayed by weather. The combined guideline harvest level (GHL) is 1.62 million pounds. Based on the GHL, the pot limit will be 30 pots per vessel. This document provides an overview of the South Peninsula District Tanner crab fishery harvest strategy and summarizes regulations governing gear specifications, pot storage, landing requirements, fishing hours, tank inspection, and inseason reporting. Fishermen are encouraged to use this document as a supplement to the 2011–2012 Commercial King and Tanner Crab Fishing Regulation booklet to understand the regulations for this fishery.

Key words: Tanner crab, *Chionoecetes bairdi*, South Peninsula District, Area J, harvest strategy, regulations, guideline harvest level (GHL).

## INTRODUCTION

### AREA DESCRIPTION

The South Peninsula District of Registration Area J for Tanner crab *Chionoecetes bairdi* includes all Pacific Ocean waters south of the Alaska Peninsula, west of the line from Kupreanof Point to the easternmost point of Castle Rock, then extending 135° southeast from the easternmost point of Castle Rock, and east of the longitude of Scotch Cap Light (Figure 1). The South Peninsula District is divided into two sections, the Eastern Section (all waters east of 162° W long) and the Western Section (all waters west of 162° W long). A full description of the district can be found at 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

Commercial harvests of Tanner crab in the South Peninsula District began in 1967. The fishery grew quickly and by 1973 the annual harvest exceeded five million pounds. In response, guideline harvest levels (GHL), fishery seasons, and crab size limits were implemented over the following three years. From 1979 through 1989, annual harvests ranged from a high of almost nine million pounds to a low of one million pounds.

The Alaska Department of Fish and Game (ADF&G) began South Peninsula District Tanner crab assessment surveys in 1981. Surveys in the early 1980s predicted poor recruitment. Subsequent catches during commercial fisheries 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 2000 season. In 1999, the Alaska Board of Fisheries (BOF) adopted a comprehensive harvest strategy (Urban et al. 1999) for Tanner crab in the South Peninsula District (5 AAC 35.507). The South Peninsula District reopened to commercial Tanner crab fishing under the new harvest strategy during in 2001 then closed from 2002 through 2004 due to low abundance of legal sized male Tanner crab. The commercial Tanner crab fishery reopened in 2005 and commercial Tanner crab seasons have occurred annually since that time.

In recent years the abundance of Tanner crab in the South Peninsula 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 began to recruit into legal size prior to the 2010 season.

## RECENT FISHERIES

### 2011 Fishery

The Eastern and Western sections exceeded minimum population thresholds for commercial Tanner crab fisheries. The Eastern Section GHL was established at 900,000 pounds and the Western Section GHL was established at 1,400,000 pounds. Based on the total GHL, the pot limit was 75 pots per vessel.

The South Peninsula District opened by regulation on January 15. Both sections closed by emergency order when the section GHLS were harvested. The Western Section closed on January 24 and the Eastern Section closed on February 20. Tanner crab harvest, including deadloss and personal use, totaled 2,874,273 pounds from 134 landings. Catch per unit effort (CPUE) averaged 72 legal male Tanner crabs per pot pulled. The majority of harvest occurred in Morzhovoi Bay and Pavlof Bay.

### 2012 GUIDELINE HARVEST LEVELS

The South Peninsula District is divided into two sections, the Eastern Section (all waters east of 162° W long) and the Western Section (all waters west of 162° W long). Each section is managed separately under 5 AAC 35.507 *KODIAK, CHIGNIK, AND SOUTH PENINSULA DISTRICTS C. BAIRDI TANNER CRAB, HARVEST STRATEGIES*.

Based on the 2011 ADF&G trawl assessment survey, the Eastern and Western sections were above the mature male abundance thresholds for a 2012 commercial Tanner crab fishery. The 2012 Tanner crab GHLS in South Peninsula District are as follows:

Section	2012 GHL (Pounds)
Eastern Section	380,000
Western Section	1,240,000
South Peninsula District Total	1,620,000

## 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 South Peninsula 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 South Peninsula District commercial Tanner crab season opens by regulation at 12:00 PM (noon), January 15, 2012 unless delayed by weather, 5 AAC 35.510(c)(2) *FISHING SEASONS*

*FOR REGISTRATION AREA J.* The season opening will be delayed for 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 gale force wind warnings (35 knots or higher). 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 gale force wind warnings, 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 the National Weather Service marine weather forecasts.

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

Tanner crab may not be taken in the South Peninsula District by vessels greater than 58 feet in overall length, 5 AAC 35.590 *VESSEL LENGTH RESTRICTIONS (b)*. The South Peninsula District Tanner crab fishery is a nonexclusive registration district fishery. All vessels must be registered with ADF&G prior to fishing. Vessel operators must have a 2012 permit card for Alaska Peninsula (T09M) Tanner crab and a current 2012 commercial vessel license prior to registration. Permits and vessel licenses can be obtained from the Commercial Fisheries Entry Commission (CFEC) in Juneau (Appendix A).

Vessels may not be registered for, or fish in, the Eastern and Western sections simultaneously. After a section closure, vessel operators may change section registration by contacting ADF&G in Kodiak. Vessel operators may change section registration prior to a section closure; however, all crab must be delivered prior to changing section registrations. In this situation, vessel operators may place baited gear in the other open section prior to delivery, but may not retrieve that gear until all crab from the initial section are delivered.

All tender vessels must be registered with ADF&G prior to beginning tendering operations. Tender vessels may not have a pot-hauling block or other crab fishing gear (e.g., pots) onboard nor may they 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 *FISHING SEASONS FOR REGISTRATION AREA J (C)*.

When the district GHL is less than 2,000,000 pounds, no more than 30 aggregate pots (including stored pots) may be operated by a validly registered Tanner crab vessel. When the district GHL is 2,000,000 pounds or greater, no more than 50 aggregate pots (including stored pots) may be operated by a registered Tanner crab vessel. With a total GHL of 1,620,000 pounds, the pot limit for the 2012 South Peninsula District Tanner crab fishery will be 30 pots per vessel.

## **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 South Peninsula District for the commercial harvest of Tanner crab. Specific regulations

regarding legal pot dimensions can be found under 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. Tags may also be obtained from ADF&G representatives in King Cove and Sand Point. Each pot must have a tag placed on either the main buoy or trailer buoy. Tags will not be issued via U.S. Postal Service after December 31, 2011. 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 be left on the fishing grounds but those pots must be secured open with the bait removed until replacement tags are affixed to the pot. Vessel operators must contact Alaska State Troopers Division of Fish and Wildlife Protection to report the 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 marked with the five-digit ADF&G number may not be marked with additional numbers; however, symbols and letters are acceptable on this buoy. Trailer or other buoys may be marked with any desired numbers, symbols, or letters to mark ownership or string sequence.

## **ESCAPE MECHANISMS**

Escape mesh or escape rings are required on 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 crab. 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 crab. Specific regulations on escape device requirements are located in 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 page 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) at any time during the 14 days immediately prior to 2012 South Peninsula 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 South Peninsula 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 Tanner 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, vessel operators 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 is 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.

Vessel operators delivering Tanner crab to ports outside the South Peninsula District are required to contact the ADF&G office in Kodiak, or ADF&G personnel in King Cove or 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 are required for mechanically disabled vessels (5 AAC 35.052(3)(b)). 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).

After the closure of the Tanner crab season, vessels intending to participate in the Pacific cod fishery must deliver all crab and 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 South Peninsula District are located under 5 AAC 35.053 *OPERATION OF OTHER POT GEAR* on page 130 of the crab regulations.

## **TANK INSPECTIONS**

Tank inspections are 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 district regulations. Tank inspections will begin at 12:00 noon on January 14 in

King Cove and Sand Point unless delayed by weather. Upon completion of 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.

## **TANNER CRAB SIZE LIMIT**

The legal minimum retainable size of Tanner crab in the South Peninsula District is 5.5 inches (140 mm) carapace width (CW). Only legal-size male crab can be retained; all other crabs 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.

## **SUMMARY OF CLOSURE SCENARIOS**

Delivery requirements, post-closure pot storage requirements, and re-registration requirements vary depending on the type of closure (entire or partial section) 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.

### **Changing section registration prior to section closure.**

- Vessel operators may change section registration prior to a section closure; however, they must deliver all crab harvested from the initial section fished prior to fishing in a different section.
- Vessel operators may place baited gear in the other open section prior to delivery, but may not retrieve that gear until all crab from the initial section has been delivered.

### **Closure of the entire section 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.
- If changing section registration, vessel operators may place baited gear in the other open section prior to delivery, but may not retrieve that gear until all crab from the initial section has been delivered.
- Pots may be stored in the water without bait at any depth up to seven days after the closure of the commercial Tanner crab season (5 AAC 35.527 (3)).

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

- Vessel operators may not place gear in storage or retrieve pots from storage until all catch has been delivered.
- After the closure 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 section with 6 or more hours advance notice.**

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

- Pot gear in the closure area must be unbaited at the time of the closure.

- Vessel operators fishing within 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 the 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 section 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**

ADF&G will manage nearshore and offshore areas independently within the Eastern and Western sections based on the 2011 trawl survey assessment results. The distribution and abundance of legal-sized crab varies by location (Figure 2). Individual areas within each section may close to prevent overharvest of localized crab populations while other locations within the same section remain open.

Fishery performance as measured by 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 sorting of sublegal and female crabs is occurring. 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 South Peninsula District commercial Tanner crab fishery based on inseason catch reports provided by participating vessels and processors. Inseason reports allow for real-time fishery management and the flexibility to consider changes in crab abundance, effort, fleet behavior, and weather.

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 will be initially taken starting at 6:00 PM daily. Depending on effort, ADF&G may change the reporting schedule during the season. Encryption codes will be provided to vessels operators during registration. Vessels operators are not required to encrypt daily harvest reports, but codes may be used at any time to transmit confidential catch information.

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

Closure announcements or changes to the reporting schedule will be communicated to the fleet by 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 email subscription service (<http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.mainand>), FAX, and communicated directly to all participating processing facilities.

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

The South Peninsula 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. However, vessels may unregister from the Tanner crab fishery, fish for walleye pollock in the federally managed fishery with a different gear type (trawl gear), 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 WGOA 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**

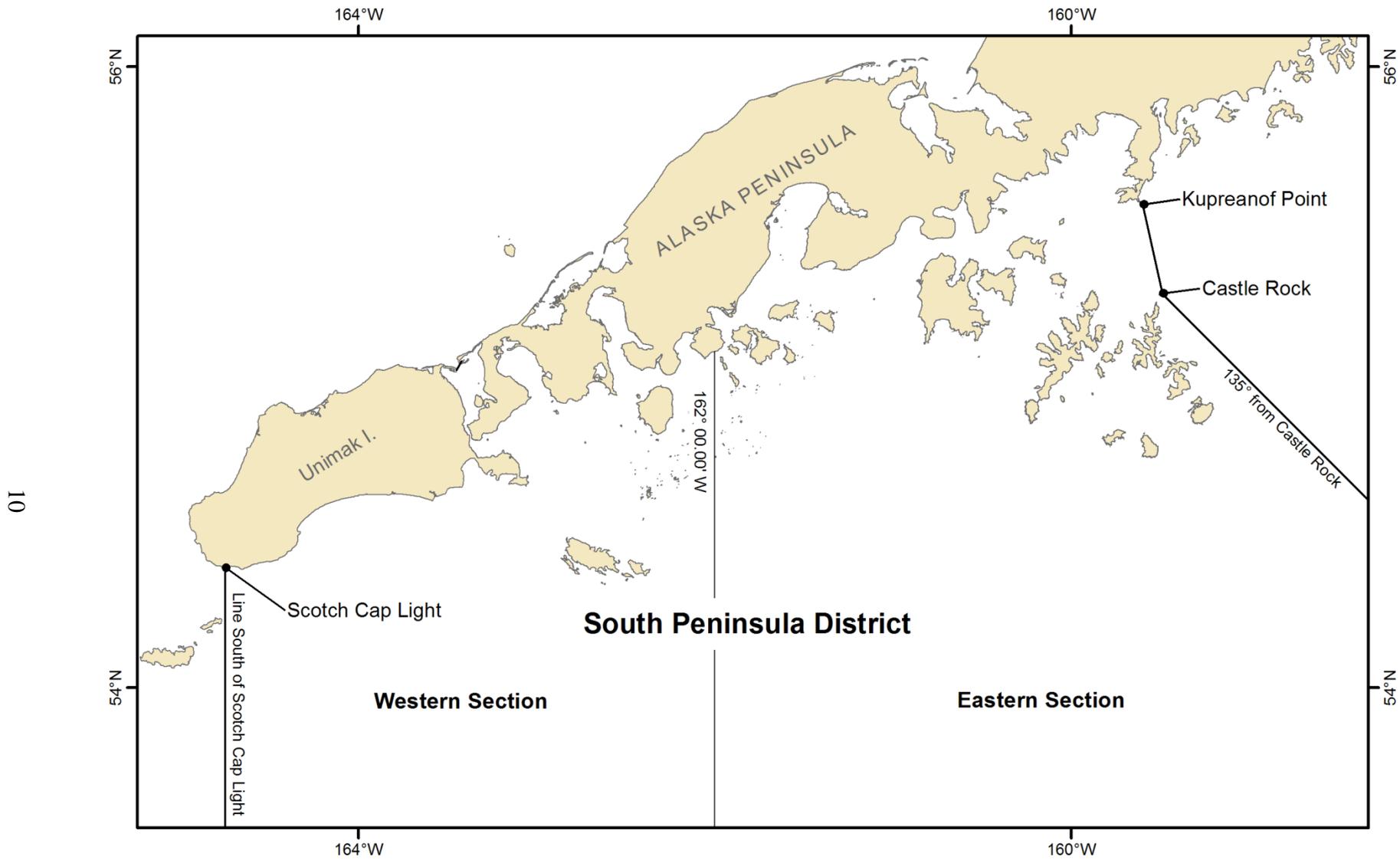


Figure 1.—South Peninsula Tanner crab district and sections.

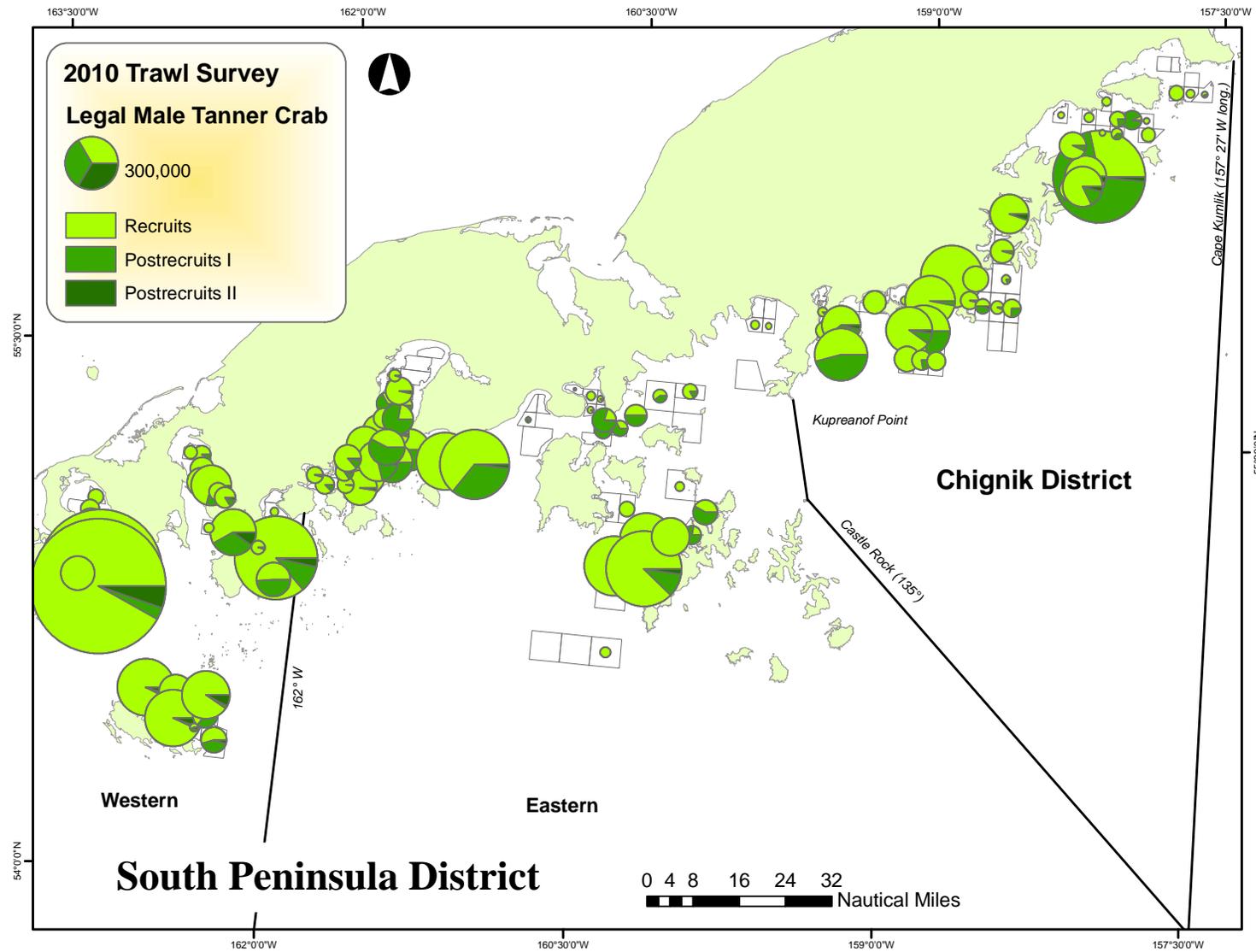


Figure 2.—Population estimates of legal-size Tanner crabs in the Chignik and South Peninsula districts from the 2010 trawl survey.



**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*

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