

Fishery Management Report No. 10-44

**Fishery Management Plan for Commercial Tanner
Crab Fishery in Kodiak District of Registration Area J,
2010/2011**

by

Nicholas H. Sagalkin

December 2010

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

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Weights and measures (metric)		General		Mathematics, statistics	
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, χ^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)	$^\circ$
Weights and measures (English)		Company	Co.	degrees of freedom	df
cubic feet per second	ft ³ /s	Corporation	Corp.	expected value	E
foot	ft	Incorporated	Inc.	greater than	>
gallon	gal	Limited	Ltd.	greater than or equal to	\geq
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	\leq
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 ₂ , etc.
yard	yd	id est (that is)	i.e.	minute (angular)	'
		latitude or longitude	lat. or long.	not significant	NS
Time and temperature		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)	α
degrees kelvin	K	United States (adjective)	U.S.	probability of a type II error (acceptance of the null hypothesis when false)	β
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
Physics and chemistry				variance	
all atomic symbols				population	Var
alternating current	AC			sample	var
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. 10-44

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TANNER CRAB FISHERY IN KODIAK DISTRICT
OF REGISTRATION AREA J, 2010/2011**

by

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ABSTRACT

The Alaska Department of Fish and Game manages Tanner crab in the Kodiak District consistent with the Alaska Board of Fisheries Tanner crab harvest strategy. Four sections of Kodiak District are scheduled to open for a commercial Tanner crab *Chionoecetes bairdi* fishery on January 15, 2011. This management plan provides an overview of how the department will manage the Tanner crab fishery. The opening date may be delayed due to severe weather under criteria established in regulation. Kodiak District Tanner crab fishery is a limited entry fishery with permits regulated by Commercial Fisheries Entry Commission. Guideline harvest levels (GHL) are established by section: 100,000 pounds for the Northeast Section, 1,000,000 pounds for the Eastside Section, 240,000 pounds for the Southeast Section, and 150,000 pounds for the Southwest Section. The total Kodiak District GHL is 1.49 million pounds, and vessels are limited to 20 pots. In the Northeast Section, portions of Marmot Bay will remain closed.

Key words: Tanner crab, *Chionoecetes bairdi*, Kodiak District, Area J, harvest strategy, regulations

INTRODUCTION

AREA DESCRIPTION

The Kodiak Tanner crab *Chionoecetes bairdi* District includes waters of Registration Area J south of the latitude of Cape Douglas, west of the longitude of Cape Fairfield and east of the longitude of Cape Kumlik (Figure 1). The district is subdivided into eight sections: Northeast, Eastside, Southeast, Southwest, Semidi Island Overlap, Westside, North Mainland, and South Mainland (Figure 1). Sections are described in 5 AAC 35.505 *DESCRIPTION OF REGISTRATION AREA J DISTRICTS*. Only Northeast, Eastside, Southeast, Southwest, and Semidi Island Overlap sections will open during the 2011 season.

In the Northeast Section, inner Marmot Bay inside a line north of Termination Point (57°51.37' N lat) and west of 152°00.0' W long will be closed (Figure 1).

OVERVIEW

The Kodiak District Tanner crab commercial fishery began in 1967. Commercial harvest peaked in the 1977/78 season when over 33 million pounds were harvested from the district.

In the late 1980s, Alaska Department of Fish and Game (ADF&G) began a trawl survey to obtain relative abundance estimates and predict future recruitment trends of Tanner crab around Kodiak. Prior to the late 1980s, pot surveys were used for stock assessment (Urban et al. 1999).

Declines in the harvestable surplus of Tanner crab in the Kodiak District through the 1980s led to decreased quotas and closures of some sections to commercial fishing. By 1995, commercial Tanner crab fisheries were closed in all Kodiak sections due to reduced stock abundance. Closures continued through the 1990s, even though some increases in stock size were noted late in the decade.

Alaska Board of Fisheries (BOF) adopted a comprehensive harvest strategy in 1999 for management of Tanner crab in the Kodiak District. Under this strategy, a commercial Tanner crab fishery may occur when 1) pre-season trawl survey abundance estimates meet or exceed established thresholds; 2) two or more sections, excluding South Mainland and Semidi Island Overlap sections, are opened; 3) the guideline harvest level (GHL) in an open section is at least 100,000 pounds; and 4) abundance is sufficient to provide a total district harvest of at least 400,000 pounds (Urban et al. 1999).

RECENT FISHERIES

2008/2009 Fishery

Northeast and Eastside sections met the required criteria for a commercial Tanner crab opening in 2008/2009. The total district GHL was 400,000 pounds with 100,000 pounds available in Northeast Section and 300,000 pounds in Eastside Section (Table 1). Total harvest from the 2008/2009 Kodiak District fishery was 357,854 pounds of Tanner crab from 47 landings made on 31 unique vessels. The season was delayed by three days based on the weather delay criteria described in 5 AAC 35.510 (a). Tank inspections for the 2008/2009 commercial Tanner crab fishery began at noon, January 17, 2009 and the fishery opened in Northeast and Eastside sections at noon on January 18, 2009. Chiniak Bay in the Northeast Section, and Ugak and Kiliuda bays in the Eastside Section were not opened. The Eastside Section closed by emergency order at 2:00 PM on January 26. The Northeast Section was managed in smaller units reflecting the distribution of Tanner crab from the survey. Specifically, offshore Chiniak was managed for 30,000 pounds and Marmot Bay was managed for 70,000 pounds, for a total section GHL of 100,000 pounds. Marmot Bay closed at 5:59 PM on January 29. The remaining waters of the Northeast Section were open until the regulatory closure of March 31.

2009/2010 Fishery

Northeast, Eastside, and Southeast sections met the required criteria for a commercial Tanner crab opening in 2009/2010. The total district GHL was 700,000 pounds with 100,000 pounds available in the Northeast Section, 500,000 pounds in the Eastside Section, and 100,000 pounds in the Southeast Section (Table 1). Total harvest from the 2009/2010 Kodiak District fishery was 650,315 pounds of Tanner crab from 84 landings made on 52 unique vessels. Tank inspections for the 2009/2010 commercial Tanner crab fishery began at noon, January 14, 2010 and the fishery opened in Northeast, Eastside, and Southeast sections at noon on January 15, 2010. Danger Bay in the Northeast Section, and Ugak and Kiliuda bays in Eastside Section were not opened. Chiniak Bay within the Northeast Section closed 5:59 PM Sunday January 17, 2010. The Southeast Section closed two days later on Tuesday, January 19. The Eastside Section closed on Saturday, January 23, at 5:59 PM, and the remainder of the Northeast Section closed at 5:59 PM January 26, 2010.

Table 1.–Kodiak District Tanner crab guideline harvest levels and harvest in pounds.

Season	Guideline Harvest Level	Harvest
2003/04	795,000	566,218
2004/05	1,750,000	1,800,196
2005/06	2,100,000	2,121,384
2006/07	800,000	765,092
2007/08	500,000	425,353
2008/09	400,000	357,854
2009/10	700,000	650,315

2010/2011 GUIDELINE HARVEST LEVELS

GHLs are established by section in 2011 for the Kodiak District commercial Tanner crab season:

Section	2010/2011 Guideline Harvest Level (pounds)
Northeast	100,000
Eastside	1,000,000
Southeast	240,000
Southwest	150,000
Total Kodiak District	1,490,000

FISHING PERIODS

Pot gear may only be operated from 8:00 AM to 5:59 PM daily, except on opening day (noon–5:59 PM; 5 AAC 35.510). Operation of gear, which includes setting or retrieving pots, is prohibited from 6:00 PM to 7:59 AM. Based on the department’s assessment of effort in the district, manageability, and harvest rate, daily fishing periods may be increased by emergency order. Fishing periods will likely NOT increase until late in the season when effort has substantially decreased.

POT LIMITS AND BUOY TAGS

Kodiak District pot limits are based upon the GHL:

Guideline Harvest Level Range	Pot limit
Less than 2,000,000 pounds	20 pots per vessel
2,000,000 to less than 4,000,000 pounds	30 pots per vessel
4,000,000 to less than 5,000,000 pounds	40 pots per vessel
5,000,000 pounds or greater	50 pots per vessel

The pot limit for 2010/2011 Kodiak District Tanner crab fishery will be 20 pots per vessel (5 AAC 35.525). To ensure compliance with pot limit regulations, the main or trailer buoy on each pot must display one fishery-specific identification tag issued by the department for the current year. More information on buoy tags can be found under 5 AAC 35.526 *TANNER CRAB POT MARKING REQUIREMENTS FOR REGISTRATION AREA J*.

Tags will be available beginning in mid-December. A valid 2011 Tanner crab Commercial Fishery Entry Commission (CFEC) permit card (TB9AK or TB9BK) is required to obtain tags. Participants from areas outside the city of Kodiak can obtain tags via U.S. Mail until December 31, 2010. No tags will be mailed after this date; contact ADF&G in Kodiak for details 907-486-1840.

If tags are lost, replacement tags are available. 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 must be secured open with bait removed until replacement tags are obtained. Vessels must contact Alaska State Troopers, Division of Fish and Wildlife Protection (Appendix A) to inform them of the pot locations.

GEAR

Gear for the commercial Tanner crab fishery is limited to pots no more than 10 feet long by 10 feet wide by 42 inches high with rigid tunnel eye openings that are less than five inches in height. Tunnel eye opening perimeters must be individually more than 36 inches. Ring nets are not a legal gear type in Kodiak District. The specific language regarding legal pot dimensions can be found under 5 AAC 35.050 *LAWFUL GEAR FOR TANNER CRAB*.

Escape device requirements are described in 5 AAC 35.525 *LAWFUL GEAR FOR REGISTRATION AREA J*. Each pot used to take Tanner crab must have at least one third of one vertical surface of the pot composed of not less than 7-1/4 inch stretched mesh webbing or have no less than four circular escape rings which have an inside diameter of at least five inches. If using escape rings, the ring must be installed on the vertical plane of the pot to allow for escapement of undersized crabs. The rings are not required to be placed near the bottom of the pot as they are in some Bering Sea fisheries. However, ADF&G recommends placing rings within one mesh of the bottom of the pot to optimize escapement of undersized crabs.

All pots must be equipped with a biodegradable escape mechanism as described in 5 AAC 39.145 *ESCAPE MECHANISM FOR SHELLFISH AND BOTTOMFISH POTS*. An opening 18 inches or greater in length that is placed within six inches of the bottom of the pot must be laced, sewn, or secured together by a single length of untreated, 100 percent cotton twine no larger than 30 thread.

Buoys attached to pots must comply with 5 AAC 35.051 *TANNER CRAB GEAR MARKING REQUIREMENTS* and 5 AAC 35.526 *TANNER CRAB GEAR MARKING REQUIREMENTS AREA J*. The buoy that contains the 5-digit ADF&G number marking may not be marked with additional numbers; however, other symbols and letters are acceptable on the buoy. Trailer buoys used to mark ownership or string sequence may be marked with any numbers, symbols, or letters.

The use of converted pots as ‘storage boxes’ to store crabs in the water for vessels registered as dry tanked vessels is not permitted unless crab storage devices are attached to the vessel at all times.

Operation of Other Pot Gear, Pot Storage, and Landing Requirements

There is a 14-day stand down period for the operation of pot gear before the commercial Tanner crab fishery opening in Kodiak District. No person or vessel that will participate in the commercial Tanner crab fishery may operate commercial, subsistence, sport, or personal use pots for any species within the district during that 14-day period (5 AAC 35.053 *OPERATION OF OTHER POT GEAR*).

Legally outfitted pots with buoy tags attached *may be* placed into shallow-water storage during the 14-day stand down period. However, vessels may not retrieve gear already in legal storage to put tags on gear during the 14-day stand down period. In addition, vessels **will not** be allowed to retrieve gear before the fishery opening, after the tank inspection, due to enforcement concerns. Only after the fishery opens will vessels be allowed to retrieve pots from storage. At the time of

registration (tank inspection), all gear onboard and in the water must have buoy tags affixed to be in compliance.

Up to 20 cone or pyramid pots may be stored for up to 30 days before the season in waters of 25 fathoms or less with all bait and bait containers removed and doors not secured closed. Pots other than cone or pyramid, may be stored longer than 30 days before the season in waters less than 25 fathoms if bait and bait containers are removed and doors are secured open. No vessel may have more than the specified pot limit onboard or in wet storage in the registration district (all waters from Cape Douglas to Kilokak Rocks) while the vessel is validly registered. Regulatory language concerning pot storage can be found at 5 AAC 35.527 *TANNER CRAB POT STORAGE REQUIREMENTS FOR AREA J*.

After closure of the Tanner crab season, vessels wishing to participate in the Pacific cod fishery must either place pots into shallow-water storage or on land and register with ADF&G for the Pacific cod fishery. Additional stipulations on the operation of other pot gear within the Kodiak District can be found under 5 AAC 35.053 *OPERATION OF OTHER POT GEAR*.

Delivery requirements, post-closure pot storage requirements, and re-registration requirements vary depending on the type of area closure and the amount of notice given. The following is a summary of closure scenarios, pot-storage options, delivery requirements, and re-registration requirements contained in 5 AAC 35.031, 5 AAC 35.052, 5 AAC 35.527, and 5 AAC 35.556:

Closure of an entire section with 6 or more hours notice. By regulation, vessel operators within a section that is closed may be required to deliver all catch from the section within 24 hours of the closure. Unbaited gear with doors secured open may be stored in waters deeper than 25 fathoms for 72 hours following the closure. After 72 hours, all gear remaining in the closed section must be removed or stored in waters shallower than 25 fathoms. While in transit from the closed area, vessel operators may contact ADF&G and re-register for an open section. This will permit vessels to legally place baited gear, once validly registered, in the waters of the open section provided the 24-hour delivery deadline is met.

Closure of an entire section with less than 6 hours advance notice. Vessel operators are required to proceed directly to port at the time of the closure and deliver within 24 hours after the closure. Vessel operators may not place gear in storage, retrieve pots from storage, or place gear in an open section until they have completed their delivery of crabs from the closed section. Vessel operators are required to return to the fishing grounds within 72 hours of the closure to ‘rail dump’ all crab from baited gear left on the grounds. Vessel operators with baited gear may only store baited pots in waters deeper than 25 fathoms for 72 hours following the closure. Vessel operators may re-register for an open section after completing their delivery and removing any baited gear from the grounds. A tank inspection will be required before vessels may register for an open section.

Partial closure of a fishing section with 6 or more hours notice. Vessel operators within the section, regardless of their location within the section, are required to deliver all crabs from the section within 24 hours of the closure. Any changes to the delivery requirement would be provided in a 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 of the section. Vessel operators may place, or simultaneously have, baited gear in the open waters of the same section before delivery provided the 24-hour delivery deadline is met.

Partial closure of a fishing section with less than 6 hours notice. This scenario is highly unlikely. Should this type of closure occur the landing, pot storage, and re-registration requirements would be provided in a news release.

Closure of the entire Kodiak District with 6 or more hours notice. Vessel operators are required to deliver all crabs within 24 hours of the closure. Vessel operators may store pots with bait and bait containers removed and doors secured open in waters deeper than 25 fathoms for up to 7 days following the closure. Cone and pyramid pots may be stored with bait and bait containers removed and doors not secured closed in waters shallower than 25 fathoms for 30 days after the closure (5 AAC 35.527); rectangular pots may be stored without time limits (5 AAC 35.502).

Closure of the entire Kodiak District with less than 6 hours notice. Vessel operators are required to deliver within 24 hours. After the closure, vessel operators may not place gear in or remove gear from storage until they have completed their delivery of crabs. Baited gear may be stored in waters deeper than 25 fathoms for 72 hours following the closure. Vessel operators are required to immediately return to the fishing grounds after their delivery to ‘rail dump’ any baited gear left on the grounds. Cone and pyramid pots may be stored with bait and bait containers removed and doors not secured closed in waters shallower than 25 fathoms for 30 days after the closure; rectangular pots may be stored longer.

Vessel operators delivering to ports outside the district are required to contact ADF&G in Kodiak before leaving the district. Vessels delivering outside the district must provide the estimated number of crabs onboard the vessel at the time of the closure, location of port and processing facility, and estimated time of arrival. Additional requirements exist for catcher-processors and vessels mechanically disabled. Vessels legitimately delayed due to circumstances of weather will be addressed on a case by case basis (5 AAC 35.031 *TANNER CRAB LANDING REQUIREMENTS*).

REGISTRATION, TANK INSPECTIONS, VESSEL SIZE RESTRICTIONS, AND TENDERS

Vessel operators must have a 2011 permit card (TB9BK or TB9AK) for Kodiak District Tanner crab and a current 2011 commercial vessel license. The fishery is limited entry and vessels that do not qualify for a CFEC permit may not participate in the Kodiak District Tanner crab fishery. Permits and vessel licenses can be obtained from CFEC in Juneau.

CFEC adopted two vessel size categories for permits in the Kodiak District Tanner crab fishery. Persons eligible to receive a permit will receive either a permit for a vessel with an overall length of less than 60 feet or a permit for a vessel of 60 to 120 feet in overall length. Persons receiving a permit for a ‘large vessel’ of 60 to 120 feet can use their permit on vessels smaller than 60 feet. A ‘large vessel’ permit card cannot be used on a vessel greater than 120 feet in overall length. Persons receiving a permit for ‘small vessels’ under 60 feet in overall length cannot make landings on a vessel 60 feet or longer in overall length.

Kodiak District is a superexclusive registration district for Tanner crab, 5 AAC 35.506 AREA J REGISTRATION (a). A vessel validly registered for a superexclusive registration area may not be used to take Tanner crab in any other registration area during that registration year, 5 AAC 35.005 (c). A vessel is considered registered for Kodiak District Tanner crab fishery once the vessel has had a tank inspection, 5 AAC 35.020 (e & f); a valid registration does not require

actual fishery participation or landing. A vessel operator that registers for the 2010/2011 Kodiak District Tanner crab fishery may not operate any other Tanner crab vessel registered for any other superexclusive registration area within the same registration year, 5 AAC 35.020 (h). The Tanner crab registration year is August 1–July 31, 5 AAC 35.020 (c). Vessel operators must register for a single section in Kodiak District. Vessel operators may change their section registration by contacting the department by satellite phone or in person.

Tank inspections are required for vessels with a circulating sea water system to confirm that no crabs are onboard the vessel prior to the fishery opening. Circulating sea water systems include on-deck containers with water circulated by pumps, hoses, or other means. Gear will also be inspected at the time of tank inspection to ensure it is in compliance with all gear regulations. Tanks will be inspected beginning at noon on January 14 unless the fishery is delayed for severe weather (*see Fishery Opening Delay Due to Severe Weather*). Arrangements will be made to accommodate tank inspections in Old Harbor. Upon successful completion of the tank inspection and gear inspection process, a 2010/2011 shellfish registration will be issued to the vessel. A copy of this registration must remain onboard the vessel while fishing. This registration becomes invalid 24 hours after the closure of the fishery.

Tender vessels must register with ADF&G before beginning tendering operations. Tender vessels may not have a pot-hauling block or other Tanner crab gear onboard that may be used to harvest Tanner crab.

SIZE LIMIT

The minimum legal size of Tanner crab that can be harvested in Kodiak District is 5.5 inches carapace width (CW; 5 AAC 35.060 *SIZE LIMIT FOR TANNER CRAB*). Only legal-size male Tanner crab can be retained; all other crabs incidentally captured must be immediately returned to the water unharmed. This includes subsistence king crab, as they cannot be legally taken in a commercial Tanner crab fishery (5 AAC 35.053 (2) *OPERATION OF OTHER POT GEAR*).

VOLUNTEER CATCH REPORTING

ADF&G will manage Kodiak District commercial Tanner crab fishery from inseason catch reports provided by permit holders. Inseason management will allow for real-time fishery decisions and the ability to consider changes in effort, fleet behavior, and weather. ADF&G will make every effort to allow sufficient time for permit holders to configure gear for storage or to place gear onboard before a closure; however, the potential exists for a short advance-notice closure.

Catch reports will be taken daily using satellite dispatch system, e-mail, or phone (e-mail and phone numbers are listed in Appendix A). **ADF&G office uses Matrix¹ dispatch services; the office number is 7894.** Vessel operators will be issued a reporting worksheet during tag sales and/or tank inspection to participate in inseason reporting. Operators will be asked during the registration process which method they will use to submit daily reports.

Reports will initially be taken daily at 6:00 PM. The department may change the reporting schedule if effort declines later in the season.

¹Use of trade names does not constitute an endorsement from ADF&G.

Any closure announcement or change in the reporting schedule will be broadcast on dispatch. Current fishery status will also be available on ADF&G recorded message phone at 907-486-5176. Messages on the recorded message phone will be updated daily after 8:30 AM. Updates, changes to the reporting schedule, and closure announcements will be distributed via e-mail, FAX, and passed along to all participating processors.

INSEASON FISHERY MANAGEMENT

ADF&G may manage bays and offshore areas separately, closing one portion of a section while allowing continued harvest in other locations within the same section. The department will manage the fishery so that bays or localized areas do not exceed available harvest based on department survey results.

Given the distribution of Tanner crab estimated by the survey in the inshore portion of Northeast, Eastside, Southeast, and Southwest sections, partial closures may occur after very little fishing time (possibly within the first full day of fishing).

Fishery performance as measured by catch per unit effort (CPUE) of legal crabs will be closely monitored. As stocks within these management sections are still rebuilding, closures may occur before the total GHF is achieved if CPUE indicates the number of legal-sized animals has substantially declined or if excessive handling of sublegal and female crabs is occurring.

FISHERY OPENING DELAY DUE TO SEVERE WEATHER

The entire Kodiak District Tanner crab fishery will be delayed for 24 hours if gale force winds (35 knots or higher from any direction) are forecast to occur in Northeast, Eastside, or Southeast sections (5 AAC 35.510 (a) (2)).

Under this regulation, if the National Weather Service (NWS) forecast issued at 4:00 AM on January 14, 2011 contains gale force winds (35 knots or higher from any direction) for the current day and night plus the following day and night in area 3B (NWS Area 132), the tank inspections and fishery opening will be delayed in all sections for 24 hours.

If the following morning's 4:00 AM forecast contains gale warnings, the tank inspections and fishery opening would be delayed another 24 hours. The season opening may be delayed on a 24-hour rolling basis until January 24, 2011. If the fishery has not opened by January 24, tank inspections would occur at noon that day and the fishery would open at noon on January 25, regardless of any gale force warnings in NWS forecast.

SEMIDI ISLAND OVERLAP SECTION

- Vessels wishing to fish in the Semidi Island Overlap Section must register with ADF&G.
- 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 have a mandatory reporting requirement.** The vessel operator must either provide daily catch reports via radio, phone, satellite dispatch system or e-mail of the vessel's catch, catch locations, and effort, or maintain logbooks that include the vessel's catch, catch locations and effort to be turned into ADF&G upon return to port.

- The **Semidi Island Overlap Section of the Kodiak District has a limit of no more than 70 aggregate pots** that may be operated from a validly registered Tanner crab vessel. Vessel operators may use their 20 Kodiak District pots and tags. The additional 50 pots must have the unique Semidi Island Overlap Section tags attached, and cannot be used in the Kodiak District. Semidi Island Overlap Section tags may be obtained from ADF&G in Kodiak after December 15, 2010. Participants from areas outside the cities of Kodiak, Sand Point, or Chignik can obtain tags via U.S. Mail until December 31. No tags will be mailed after this date.
- Landing requirements for the Semidi Island Overlap Section.
 - Vessels fishing in the Northeast, Eastside, or Southeast sections of the Kodiak District, switching to the Semidi Island Overlap Section, prior to the closure of those sections, will not be required to deliver before changing registration; however, vessels will be required to give an accurate estimate of pounds onboard prior to registering for the Semidi Island Overlap Section.
 - Vessels fishing in the Southwest Section of the Kodiak District will be required to deliver prior to switching into the Semidi Island Overlap Section due to the prevalence of bitter crab in this section.
 - Vessels fishing in the Semidi Island Overlap Section switching to other sections of the Kodiak District, prior to the closure of the Semidi Island Overlap Section, will not be required to deliver before changing registrations; however, vessels will be required to give an accurate estimate of pounds onboard prior to registering for other sections of the Kodiak District.
 - If the Semidi Island Overlap Section is closed, vessels fishing in the section may be required to deliver before registering for another section. If delivery is not required, vessel operators will be required to give an accurate estimate of pounds onboard prior to registering for another section of the Kodiak District.
 - Vessels wishing to fish in the Semidi Island Overlap Section after the remainder of the Kodiak District closes may be required to deliver before registering for the Semidi Island Overlap Section. If delivery is not required, vessel operators will be required to give an accurate estimate of pounds onboard prior to registering for the Semidi Island Overlap Section.

REFERENCE 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

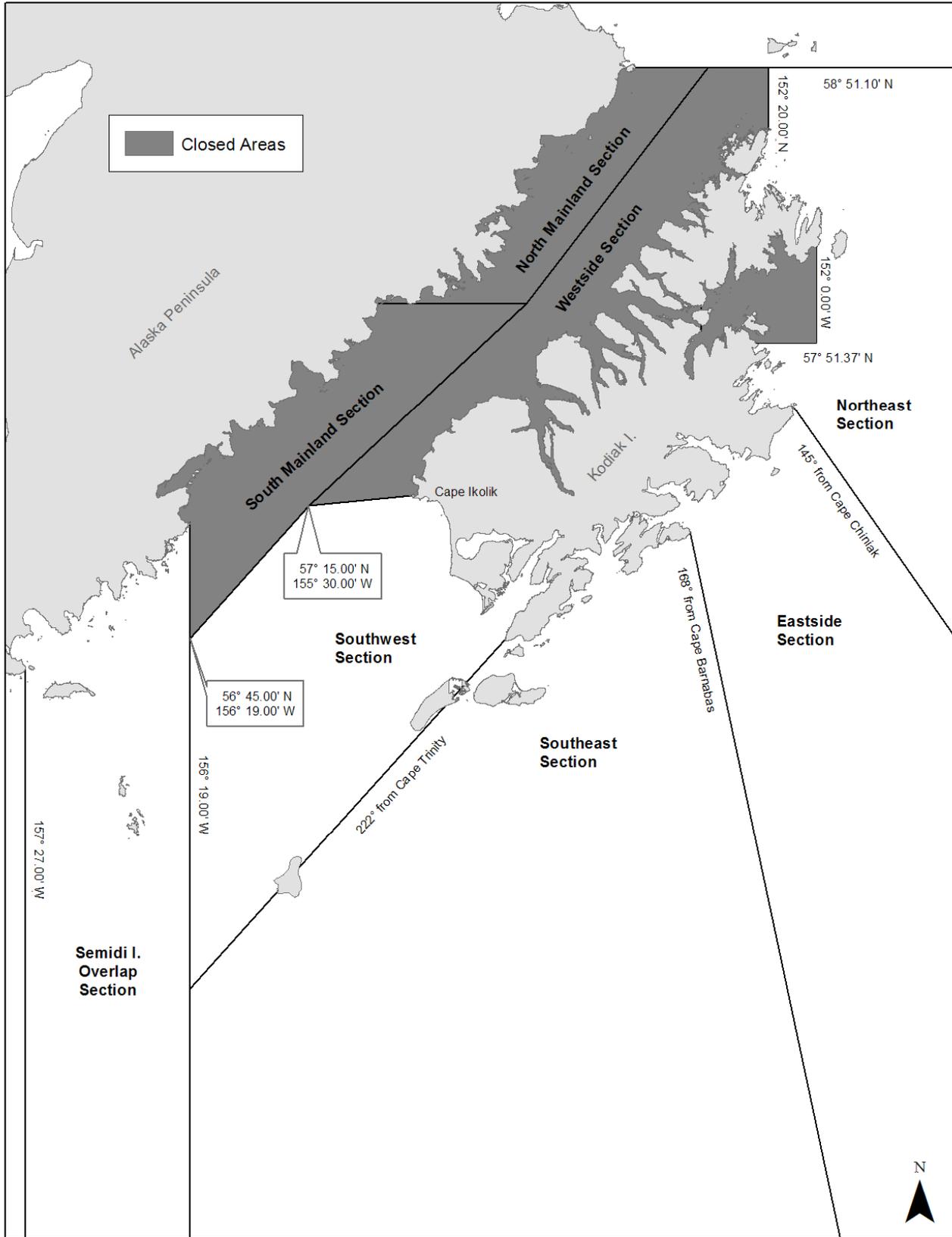


Figure 1.–Kodiak Tanner Crab District and sections, 2010/2011.

**APPENDIX A. CONTACT PERSONS, AGENCIES,
AND PHONE NUMBERS**

Appendix A1.–Listing of contact persons, by agency and location.

Alaska Department of Fish and Game

web site: <http://www.cf.adfg.state.ak.us/region4/>

211 Mission Road
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MATRIX Dispatch: 7894

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Mark Stichert Kodiak, Chignik, Alaska Peninsula Asst. Area Shellfish/Groundfish Biologist
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Division of Alaska Wildlife Troopers

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2921 A Mill Bay Road
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Commercial Fisheries Entry Commission

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

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