

**Fishery Management Report No. 06-12**

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**Post-June Salmon Management Plan for the South  
Alaska Peninsula, 2006**

by

**Daniel Doolittle**

and

**Charles Burkey Jr.**

March 2006

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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>Measures (fisheries)</b>	
centimeter	cm	Alaska Administrative		fork length	FL
deciliter	dL	Code	AAC	mid-eye-to-fork	MEF
gram	g	all commonly accepted		mid-eye-to-tail-fork	METF
hectare	ha	abbreviations	e.g., Mr., Mrs., AM, PM, etc.	standard length	SL
kilogram	kg			total length	TL
kilometer	km	all commonly accepted			
liter	L	professional titles	e.g., Dr., Ph.D., R.N., etc.		
meter	m	at	@	<b>Mathematics, statistics</b>	
milliliter	mL	compass directions:		<i>all standard mathematical</i>	
millimeter	mm	east	E	<i>signs, symbols and</i>	
		north	N	<i>abbreviations</i>	
		south	S	alternate hypothesis	H <sub>A</sub>
		west	W	base of natural logarithm	<i>e</i>
		copyright	©	catch per unit effort	CPUE
		corporate suffixes:		coefficient of variation	CV
		Company	Co.	common test statistics	(F, t, $\chi^2$ , etc.)
		Corporation	Corp.	confidence interval	CI
		Incorporated	Inc.	correlation coefficient	
		Limited	Ltd.	(multiple)	R
		District of Columbia	D.C.	correlation coefficient	
		et alii (and others)	et al.	(simple)	r
		et cetera (and so forth)	etc.	covariance	cov
		exempli gratia		degree (angular)	°
		(for example)	e.g.	degrees of freedom	df
		Federal Information		expected value	<i>E</i>
		Code	FIC	greater than	>
		id est (that is)	i.e.	greater than or equal to	≥
		latitude or longitude	lat. or long.	harvest per unit effort	HPUE
		monetary symbols		less than	<
		(U.S.)	\$, ¢	less than or equal to	≤
		months (tables and		logarithm (natural)	ln
		figures): first three		logarithm (base 10)	log
		letters	Jan, ..., Dec	logarithm (specify base)	log <sub>2</sub> , etc.
		registered trademark	®	minute (angular)	'
		trademark	™	not significant	NS
		United States		null hypothesis	H <sub>0</sub>
		(adjective)	U.S.	percent	%
		United States of		probability	P
		America (noun)	USA	probability of a type I error	
		U.S.C.	United States	(rejection of the null	
			Code	hypothesis when true)	α
				probability of a type II error	
				(acceptance of the null	
				hypothesis when false)	β
				second (angular)	"
				standard deviation	SD
				standard error	SE
				variance	
				population	Var
				sample	var

### Weights and measures (English)

cubic feet per second	ft <sup>3</sup> /s
foot	ft
gallon	gal
inch	in
mile	mi
nautical mile	nmi
ounce	oz
pound	lb
quart	qt
yard	yd

### Time and temperature

day	d
degrees Celsius	°C
degrees Fahrenheit	°F
degrees kelvin	K
hour	h
minute	min
second	s

### Physics and chemistry

all atomic symbols	
alternating current	AC
ampere	A
calorie	cal
direct current	DC
hertz	Hz
horsepower	hp
hydrogen ion activity	pH
(negative log of)	
parts per million	ppm
parts per thousand	ppt, ‰
volts	V
watts	W

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ALASKA PENINSULA, 2006**

by

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March 2006

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## **ABSTRACT**

The Post-June Alaska Peninsula commercial salmon fishery may occur from July 6 through September 30 in 2006. This document describes how the fishery will be managed, the requirements for industry to participate in the fishery, and how to contact and relay information to the Alaska Department of Fish and Game (ADF&G). Historical Post-June fishery harvests are presented. This document is intended as a guide to the commercial salmon fishing stakeholders interested in commercial salmon fisheries along the south side of the Alaska Peninsula Management Area. Specific information regarding commercial salmon fishing should be obtained from the ADF&G prior to fishing in the area.

Key words: Alaska Peninsula, Post-June commercial salmon fishery, salmon management plan, historical harvests

## **INTRODUCTION**

This document is intended to provide commercial salmon harvesters and processors with a description of how the Alaska Department of Fish and Game (ADF&G) will manage the South Alaska Peninsula Post-June fishery. This document also outlines the requirements of industry to participate in the fishery, as well as how to contact and relay information to the department.

The South Alaska Peninsula consists of Pacific Ocean state waters of the Alaska Peninsula Salmon Management Area from Kupreanof Point west to Scotch Cap on Unimak Island and includes the Southeastern, South Central, Southwestern, and Unimak Districts (Figure 1).

## **ANNOUNCEMENTS**

Inseason announcements will be broadcast on radio station KSDP AM 830 in Sand Point and rebroadcast over K201DA FM 88.1 MHz in King Cove, VHF channels 6 and 73, and on Single Side Band (SSB) frequency 3.230 MHz. Recorded information may also be obtained by calling the ADF&G recorder phone in Sand Point at 383-2334 (383-ADFG).

## **HARVEST REPORTING**

As required by 5 AAC 39.130 (a)(3), buyers, transporters, and catcher/processors must report their daily salmon purchases (or harvest) by species, (in both numbers of fish and pounds) and number of deliveries by gear type to the ADF&G office in Sand Point or Cold Bay by 9:30 AM the day following the purchase. However, earlier reporting is appreciated and is helpful in prosecuting an orderly fishery. The department can be contacted on VHF channels 6 and 73, and SSB radio frequency 3.230 MHz. Buyers may also phone, e-mail, or fax their information to the ADF&G offices in Cold Bay or Sand Point.

Cold Bay Telephone: 532-2419 e-mail: [daniel\\_doolittle@fishgame.state.ak.us](mailto:daniel_doolittle@fishgame.state.ak.us) Fax: 532-2470  
Sand Point Telephone: 383-2066 e-mail: [james\\_jackson@fishgame.state.ak.us](mailto:james_jackson@fishgame.state.ak.us) Fax: 383-2606

Fish tickets must be received in the ADF&G office in Sand Point or Cold Bay (listed below) within seven days of the purchase date.

Alaska Department of Fish & Game  
P.O. Box 50  
Cold Bay, AK 99571

Alaska Department of Fish & Game  
P.O. Box 129  
Sand Point, AK 99661

## CURRENT MANAGEMENT PLAN

The South Alaska Peninsula Post-June fishery will be managed according to the Post-June Salmon Management Plan for the South Alaska Peninsula (5 AAC 09.366) as adopted by the Alaska Board of Fisheries (BOF) during the November 1991 meeting and most recently revised in February 2004 (ADFG 2004; Table 1). Under the amended plan, commercial salmon fishing from July 6 through July 21 in non-terminal areas of the South Alaska Peninsula outside the Southeastern District Mainland (SEDM), as described under 5 AAC 09.366(d), will be restricted to a maximum of six 24-hour fishing periods, interspersed by 48-hour closures (Table 1 and Figure 2). The first Post-June fishing period, for both terminal and non-terminal areas, will be on, or shortly after, July 6. The department will attempt to have concurrent fishing periods within the Southeastern, South Central, Southwestern, and Unimak Districts to avoid concentrating fishing effort (Figure 1).

Fishing time in addition to the 24-hour periods may be allowed in terminal fishing areas (Figures 3 through 6), based on local stock run strength which is evaluated from harvest data, escapement counts, and aerial surveys. The terminal areas during July 6 through July 21 include: Zachary Bay, Canoe Bay, Cold Bay, Thin Point, and Morzhovoi Bay Sections and the East and West Pavlof Bay Sections north of the latitude of Black Point (Figure 6).

From July 22 through July 31, commercial salmon fishing in the South Peninsula outside terminal areas, (excluding the SEDM from July 22 through July 25) may be allowed for a maximum of three 36-hour fishing periods interspersed by 48-hour closures (Figure 2). The first fishing period will not start before NOON on July 23. The terminal areas during the July 22-31 time period include those areas specified for the July 6 through 21 period as well as the Deer Island, Belkofski Bay, Mino Creek-Little Coal Bay Sections, Stepovak Flats Section from July 26 through July 28, and the area near Suzy Creek (ADF&G statistical area 281-65) after July 25 (Figures 7 and 8).

Thin Point Cove waters will open to commercial fishing, targeting sockeye salmon *Oncorhynchus nerka*, when ADF&G determines an acceptable abundance of sockeye salmon are present in the Thin Point Lagoon, provided there are no large minus tides which could force salmon out of the lagoon and into the open fishing area. The Thin Point Lake sockeye salmon sustainable escapement goal ranges from 14,000 to 28,000 fish based on in season aerial survey estimates (Nelson et al., *In prep*).

The global positioning system (GPS) will be used to determine latitude and longitude coordinates throughout all salmon fisheries in Area M (5 AAC 09.206).

## HARVEST STRATEGIES AFTER JULY

From August 1 through August 31, fishing periods in the South Alaska Peninsula will be based on the strength of local sockeye, coho *O. kisutch*, pink, and chum salmon *O. keta* runs.

Beginning September 1, fishing periods will be based primarily on coho salmon run strength, although late pink and chum salmon run strength will be considered when determining fishing time. Historic September and October salmon harvests are listed in Table 2. Fishing effort typically declines during the fall fishery. With decreased fishing effort, the department will not attempt to have concurrent openings between the Southeastern District and the remainder of the South Peninsula after September 1.

## FISHING SCHEDULE

In an effort to accommodate enforcement activities during daylight hours, with minimum impact on legal fishing activities, the following general opening and closing schedule may be used.

Month	Starting Time	Closing Time
June	6:00 AM	10:00 PM
July <sup>a</sup>	7:00 AM	9:00 PM
August	8:00 AM	9:00 PM
September	9:00 AM	8:00 PM
October	9:00 AM	8:00 PM

<sup>a</sup> During the season, circumstances may require the department to change this fishing schedule. The general opening and closing times for fishing periods will probably not be in effect during July.

## IMMATURE SALMON

ADF&G will conduct a purse seine test fishery in the Shumagin Islands Section in early July to assess the presence and abundance of immature salmon. Historically, the Shumagin Islands, Poperechnoi and Sanak Islands, and the South Unimak area catches have, at times, contained large numbers of immature salmon. Any fishing area with an abundance of immature salmon, that results in an average catch of greater than 100 immature salmon per seine set (5 AAC 09.366 (i)), will be closed to purse seine gear until ADF&G determines that the abundance has declined and the resulting average immature salmon harvest is below the threshold. For this purpose, immature salmon are defined as those Chinook, sockeye, coho, and chum salmon that become gilled in the seine web. Set net gear will be allowed to fish when immature salmon are present due to the low catch rates of these small fish in this gear type.

## HARVEST PROJECTIONS

The 2006 projected salmon harvest is: 8,000,000 pink salmon, 200,000 coho salmon and 500,000 chum salmon. South Peninsula Post-June harvest projections are not made for Chinook or sockeye salmon. For comparative purposes, Table 3 illustrates annual salmon harvests in this fishery since 1987 (minus the SEDM harvest July 1 through July 25).

## DISTRICT PINK AND CHUM SALMON ESCAPEMENT GOALS

The measurement of pink and chum salmon escapement is accomplished by analyzing aerial survey counts to arrive at an overall or total indexed estimate of escapement.

Depicted below are the escapement goals and objectives by district and species (Nelson et al., *In prep*):

	Pink Salmon	
	Lower objective	Upper objective
Southeastern District Mainland	425,600	851,300
Shumagin Islands Section	137,000	274,000
South Central District	687,200	1,374,400
Southwestern District	563,600	1,127,200
Unimak District	51,200	102,400

	Chum Salmon	
	Lower goal	Upper goal
Southeastern District Mainland	98,800	197,600
Shumagin Islands Section	7,600	15,200
South Central District	89,800	179,600
Southwestern District	133,400	266,800
Unimak District	800	1,600

## REFERENCES CITED

- ADF&G (Alaska Department of Fish and Game). 2004. 2004-2007 Bristol Bay, Alaska Peninsula, Atka-Amlia, and Aleutians Areas commercial fishing regulations, 2004 edition. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.
- Nelson P.A. J.A. Hasbrouck, M.J. Witteveen, K.A. Bouwens and I. Vining. *In prep*. Review of escapement goals in the Alaska Peninsula and Aleutians Islands areas. Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak.

## **TABLES AND FIGURES**

**Table 1.-Post-June Salmon Management Plan for the South Alaska Peninsula.**

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5 AAC 09.366. POST-JUNE SALMON MANAGEMENT PLAN FOR THE SOUTH ALASKA PENINSULA.

- (a) The purpose of this management plan is to provide management guidelines to the department for the management of the post-June salmon fisheries along the South Alaska Peninsula, to provide for the harvest of local stocks in terminal harvest areas, and to establish fishing periods for the South Alaska Peninsula salmon fisheries outside of terminal harvest areas.
- (b) The commissioner shall establish, to the extent practicable, concurrent fishing periods in the Southeastern, South Central, Southwestern, and Unimak Districts.
- (c) Fishing periods may be established under this section only as follows:
  - (1) except as specified in (d), for July, from 7:00 AM to 9:00 PM;
  - (2) for August, from 8:00 AM to 9:00 PM;
  - (3) for September, from 9:00 AM. to 8:00 PM; and
- (d) Notwithstanding (c)(1) of this section, the commissioner may establish, by emergency order, six 24-hour fishing periods interspersed by 48-hour closures from July 6 through July 21, and three 36-hour fishing periods interspersed by 48-hour closures from July 22 through July 31. The first commercial fishing period of the July 22 through July 31 period may not start before NOON on July 23.
- (e) (repealed February, 2004)
- (f) The commissioner may open, by emergency order, the following terminal harvest areas to salmon fishing from July 6 through July 21:
  - (1) The Shumagin Islands Section of the Southeastern District, waters of Zachary Bay south of the latitude of 55° 22.60' N lat.; fishing periods shall be established based on the abundance of pink and chum salmon stocks; The East and West Pavlof Bay Sections of the South Central District, waters north of the latitude of Black Point (55° 24.48' N lat.); fishing periods shall be established based on the abundance of pink and chum salmon stocks;
  - (2) The Canoe Bay Section of the South Central District; fishing periods shall be established based on the abundance of pink and chum salmon stocks; in the Cold Bay, Thin Point, and Morzhovoi Bay Sections of the Southwestern District as follows:
    - (A) fishing periods in the Cold Bay Section shall be established based on the abundance of sockeye and chum salmon stocks;
    - (B) fishing periods in Thin Point Cove and Morzhovoi Bay Sections shall be established based on the abundance of sockeye salmon stocks.
- (g) In addition to the terminal harvest areas specified in (f), the commissioner may open, by emergency order, the following terminal harvest areas to salmon fishing from July 22 through July 31:
  - (1) The Northwest Stepovak Section of the Southeastern District Mainland (near Suzy Creek), after July 25, the waters east of 160° 19.00' W long. (in Dorenoi Bay), west of the cape separating Chichagof Bay and West Cove (160° 14.57' W. long.) and north of 55° 37.33' N. lat.; fishing periods shall be established based on the abundance of local pink salmon stocks;
  - (2) The Stepovak Flats Section of the Southeastern District Mainland, from July 26 through July 28; fishing periods shall be established based on the abundance of local chum salmon stocks;
  - (3) The Mino Creek-Little Coal Bay and East Pavlof Bay Sections of the South Central District; fishing periods shall be established based on the abundance of local pink and chum salmon stocks;

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-continued-

- (4) The Belkofski Bay Section of the Southwestern District; fishing periods shall be established based on the abundance of local pink and chum salmon stocks;
  - (5) The Deer Island Section of the Southwestern District; fishing periods shall be established based on the abundance of local pink salmon stocks.
  - (h) The commissioner may open, by emergency order, the commercial salmon fishery in the South Alaska Peninsula as follows:
    - (1) From August 1 through August 31, fishing periods shall be based on the abundance of local sockeye, coho, pink, and chum salmon stocks;
    - (2) From September 1 through October 31, fishing periods shall be based on abundance of coho salmon stocks, although the department may consider the abundance of late pink and chum salmon stocks.
  - (i) The department shall conduct a seine test fishery in the Shumagin Islands Section to assess the presence of immature salmon. If 100 or more immature salmon, per set, are present, the commissioner shall close, by emergency order, the seine fishery in an area to be determined by the department. If the seine fishery is closed in an area under this subsection, the set gillnet fishery shall remain open in that area. For the purposes of this section, the phrase “immature salmon per set, are present” shall refer to the number of Chinook, sockeye, coho, and chum salmon observed to be gilled in the seine web.
    - (6) The Deer Island Section of the Southwestern District; fishing periods shall be established based on the abundance of local pink salmon stocks.
-

**Table 2.-**South Alaska Peninsula (entire) commercial salmon harvest, all gear combined, September 1-October 31, 1973-2005.

Year	Permits	Landings	Number Of Salmon <sup>a</sup>					Total
			Chinook	Sockeye	Coho	Pink	Chum	
1973	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0
1976	4	15	0	1,776	160	85	0	2,021
1977	9	23	0	2,465	635	0	528	3,628
1978	21	51	0	808	4,651	0	5,726	11,185
1979	25	60	0	2,375	17,468	54	5,307	25,204
1980	29	139	0	6,513	30,390	154	4,166	41,223
1981	31	115	0	10,004	21,016	0	220	31,240
1982	29	213	2	24,471	10,742	0	3,407	38,622
1983	48	334	35	25,493	14,945	1,254	2,958	44,685
1984	52	269	10	13,351	10,526	458	1,789	26,134
1985	55	182	5	4,002	14,725	290	6,960	25,982
1986	46	146	2	3,459	6,318	518	2,519	12,816
1987	65	323	12	23,332	22,040	1,499	52,079	98,962
1988	68	328	4	24,635	26,497	62,290	19,345	132,771
1989	60	363	12	34,932	15,724	281	10,058	61,007
1990	66	426	7	67,142	23,318	584	73,195	164,246
1991	52	273	2	20,056	20,337	0	16,183	56,578
1992	53	333	58	13,115	35,323	1,525	3,486	53,507
1993	50	248	31	16,386	16,965	515	2,918	36,815
1994	75	373	18	25,481	36,563	294	214,174	276,530
1995	55	473	3	110,657	26,083	1,710	9,860	148,313
1996	57	364	5	26,301	26,525	136	2,910	55,877
1997	51	513	30	76,965	36,447	3,568	6,199	123,209
1998	67	430	25	44,775	20,838	1,818	10,382	77,838
1999	58	503	12	118,064	17,622	12,353	3,668	151,719
2000	71	444	11	47,160	25,039	3,963	83,701	159,874
2001	34	382	16	97,717	17,317	1,824	2,894	119,768
2002	26	244	0	19,341	8,034	217	7,776	35,368
2003	23	257	8	57,641	27,891	0	559	86,099
2004	22	169	8	13,763	12,126	496	1,794	28,187
2005	13	58	0	5,581	9,580	0	306	15,467
1985-2005 Average								
	51	325	13	40,500	21,205	4,471	25,284	91,473
1995-2005 Average								
	43	349	11	56,179	20,682	2,371	11,823	91,065

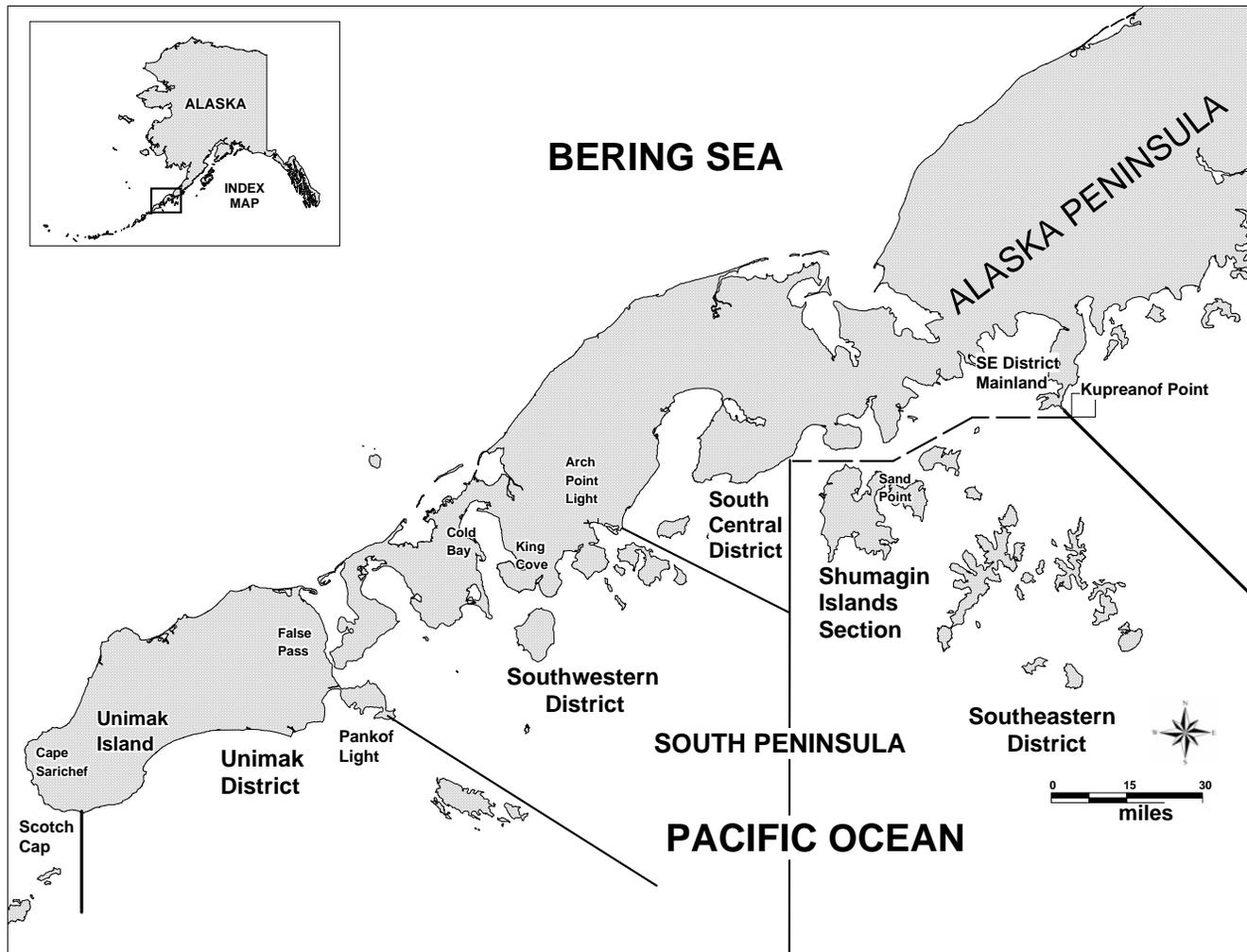
<sup>a</sup> Test fish harvests are not included.

**Table 3.-**South Alaska Peninsula July 1-end of season commercial salmon harvest, (minus the SEDM fishery July 1-25 harvest), all gear combined, 1987-2005.

Year	Number of Salmon				
	Chinook	Sockeye	Coho	Pink	Chum
1987	3,883	410,863	224,598	1,189,317	911,667
1988	6,803	642,437	503,750	6,778,909	1,314,897
1989	4,106	825,372	440,171	6,879,878	531,759
1990	5,721	951,759	290,711	2,315,034	684,061
1991	2,423	465,874	311,825	9,952,671	788,955
1992	4,003	765,575	414,809	9,101,628	863,505
1993 <sup>a</sup>	3,524	497,933	209,816	9,765,709	504,894
1994 <sup>a</sup>	1,642	408,089	249,066	6,640,031	1,591,094
1995 <sup>a</sup>	2,000	730,670	252,089	16,067,096	1,154,861
1996 <sup>a</sup>	1,901	215,541	261,126	1,737,699	378,759
1997 <sup>a</sup>	1,204	325,143	110,486	1,681,370	277,556
1998 <sup>b</sup>	1,793	764,947	150,735	7,441,311	455,978
1999 <sup>b</sup>	1,580	1,355,842	191,585	8,369,899	563,270
2000 <sup>b</sup>	2,081	530,913	249,874	3,132,340	788,698
2001 <sup>b</sup>	1,780	350,517	209,583	3,930,586	823,425
2002 <sup>b</sup>	3,411	290,657	197,323	1,950,760	421,461
2003 <sup>b</sup>	1,079	378,410	128,710	3,910,916	342,595
2004 <sup>b</sup>	2,238	641,326	230,443	6,248,298	301,972
2005 <sup>b</sup>	1,335	1,087,549	135,668	7,449,031	301,997
Average					
1987-1992	4,490	676,980	364,311	6,036,240	849,141
Average					
1993-1997 <sup>a</sup>	2,054	435,475	216,517	7,178,381	781,433
Average					
1996-2005	1,840	594,085	186,553	4,585,221	465,571

<sup>a</sup> During the 1993-1997 seasons the Post-June Salmon management Plan for the Southern Alaska Peninsula restricted commercial fishing for July 6-19 to a few terminal areas.

<sup>b</sup> The current Post-June Salmon management Plan for the South (previously Southern) Alaska Peninsula went into effect in 1998 with increased fishing opportunities in early July in non-terminal areas.



**Figure 1.**-Map of the Alaska Peninsula Management Area with the South Alaska Peninsula salmon fishing districts depicted.

ACTUAL FISHING TIME MAY DEVIATE FROM THIS SCHEDULE FOR CONSERVATION PURPOSES

## July 2006

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6 12:01 AM-9:00PM ↔ 21 hour opening	7 48 hour closure	8 9:00PM- ←
9 ----- 9:00PM ↔ 24 hour opening	10 48 hour closure	11 9:00PM- ↔ 9:00PM	12 ----- 9:00PM ↔ 24 hour opening	13 48 hour closure	14 9:00PM- ↔ 9:00PM	15 ----- 9:00PM ↔ 24 hour opening
16 48 hour closure	17 9:00PM- ↔ 9:00PM	18 ----- 9:00PM ↔ 24 hour opening	19 48 hour closure	20 9:00PM- ↔ 9:00PM	21 ----- 9:00PM ↔ 24 hour opening	22 39 hour closure
23 12:00 NOON- ← ----- 12:00 MIDNIGHT ↔ 36 hour opening	24 ----- 12:00 MIDNIGHT ↔ 36 hour opening	25 48 hour closure	26	27 12:01 AM- ← ----- 12:00 NOON ↔ 36 hour opening	28 ----- 12:00 NOON ↔	29 48 hour closure
30 12:00 NOON- ← ----- 12:00 MIDNIGHT ↔ 36 hour opening	31					

**July 6-21: Maximum 6 openings of 24 hours each**

**July 22-31: Maximum 3 openings of 36 hours each**

**Figure 2.-**South Alaska Peninsula maximum possible fishing schedule for “non-terminal” locations based on the Post-June salmon management plan (5 AAC 09.366).

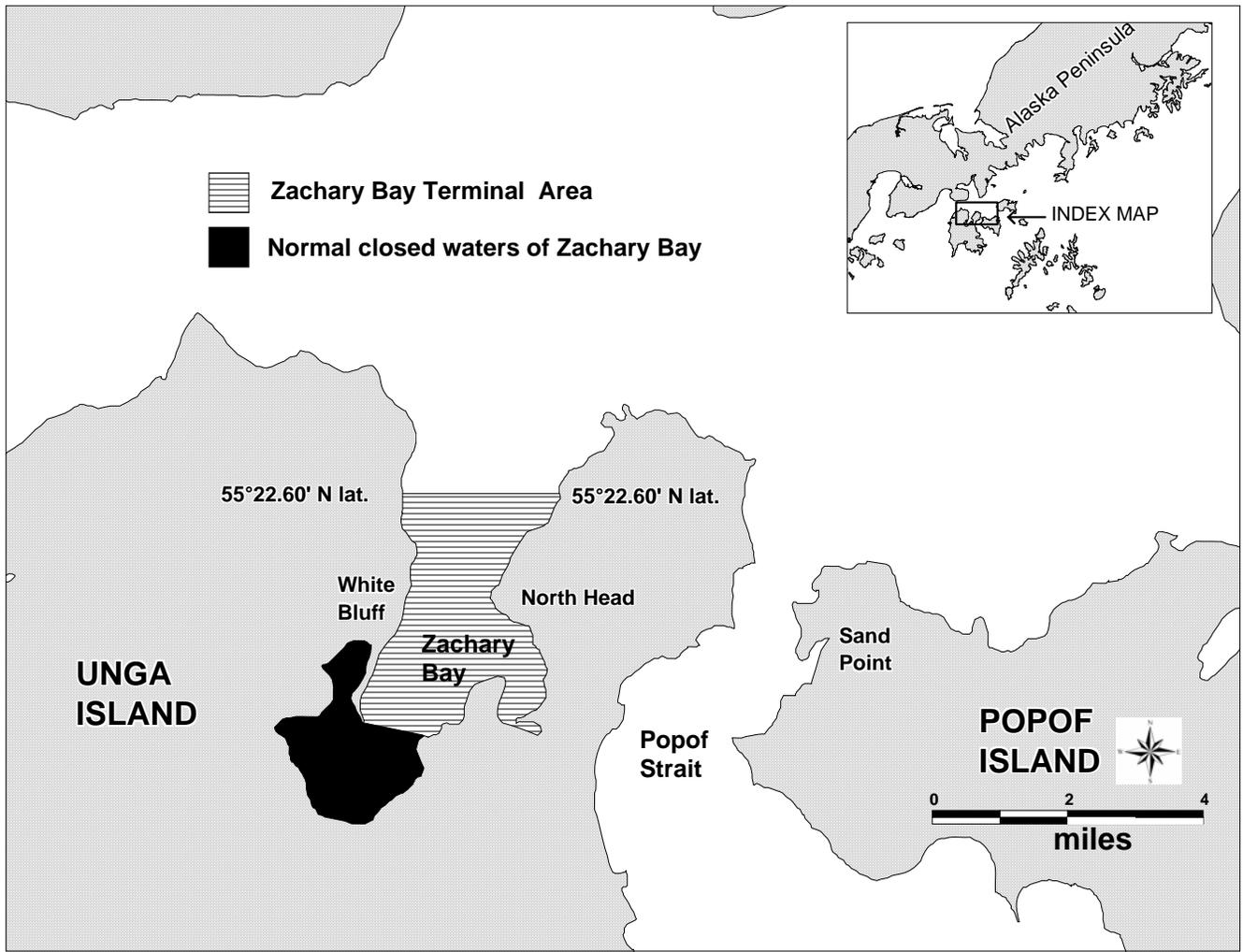
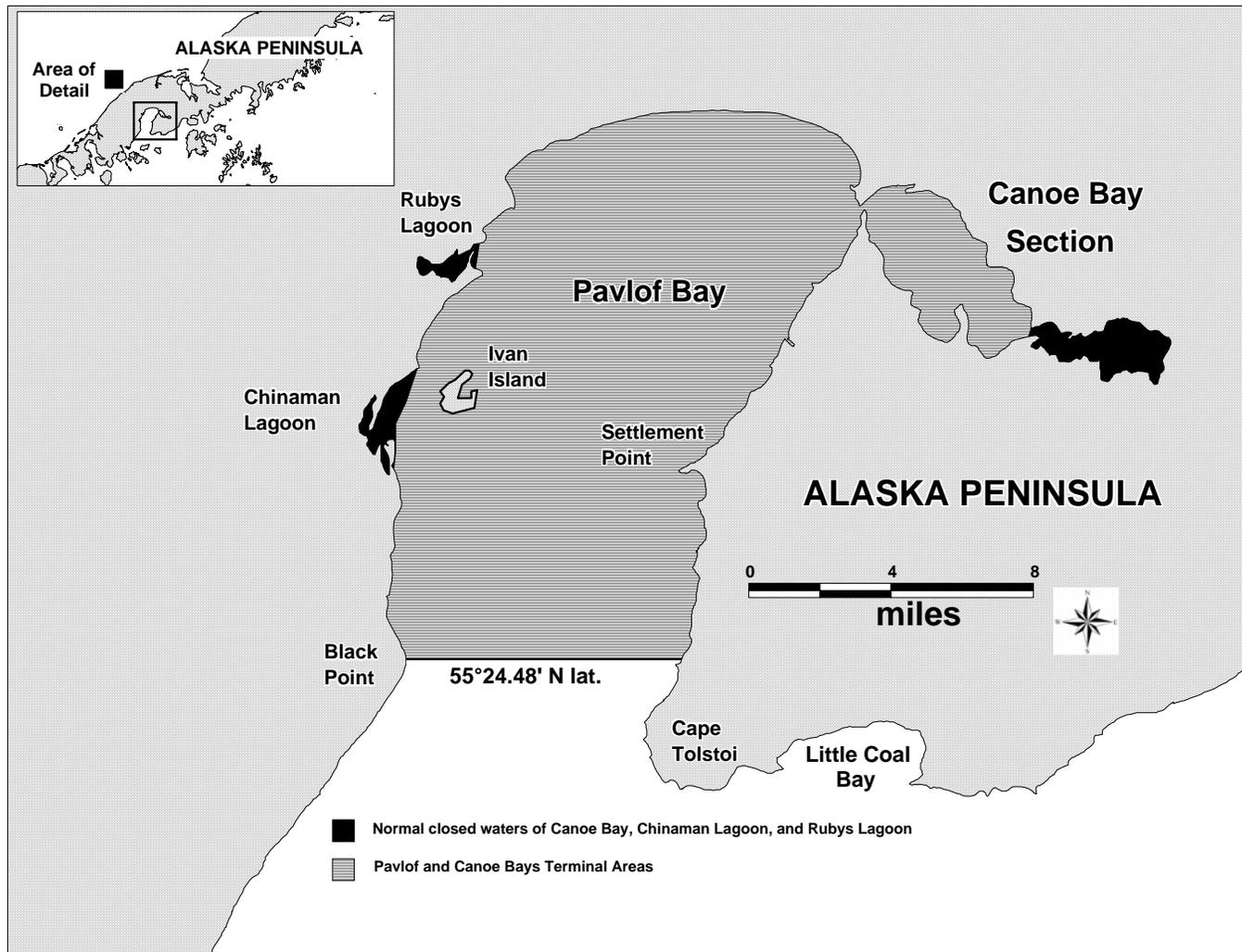
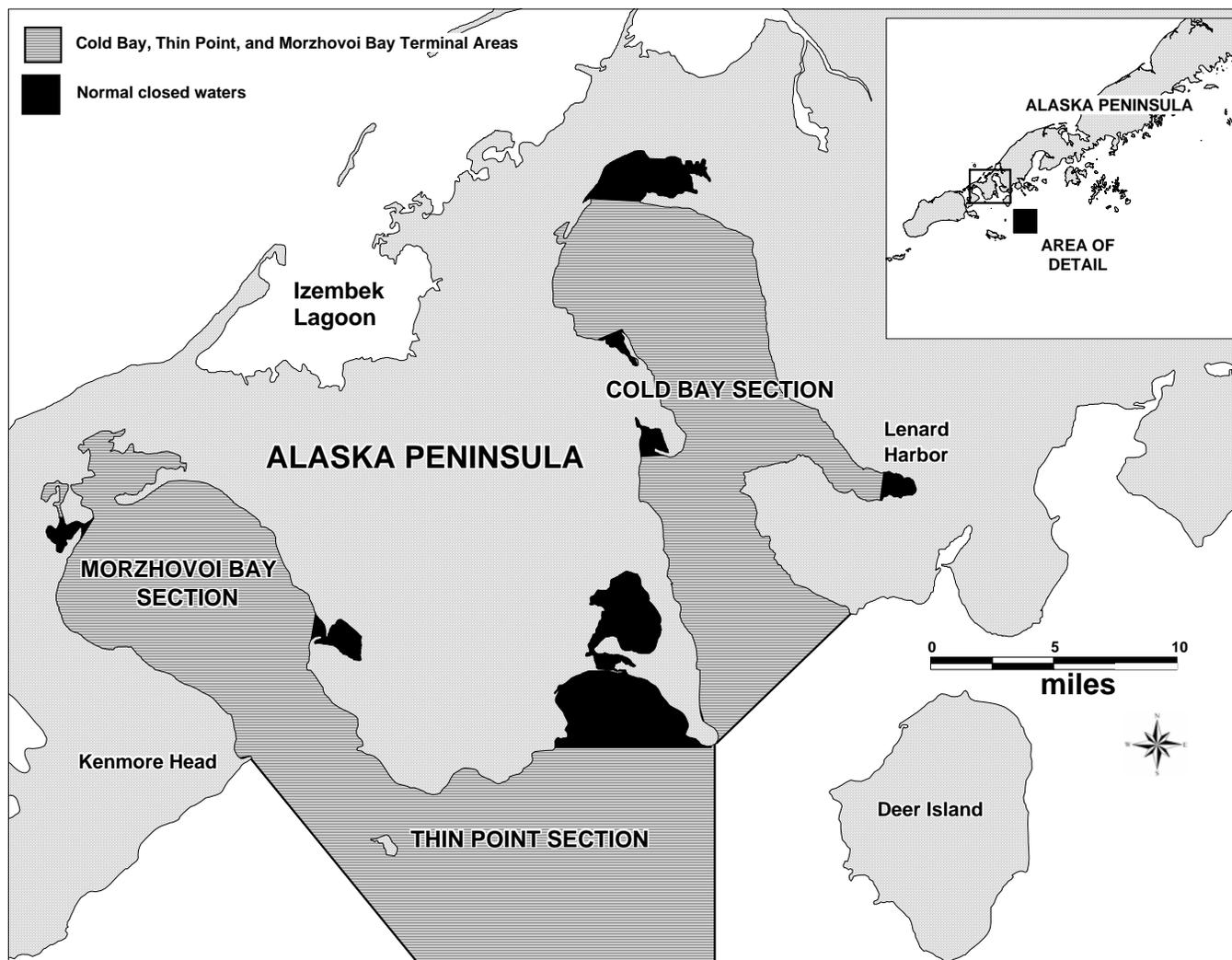


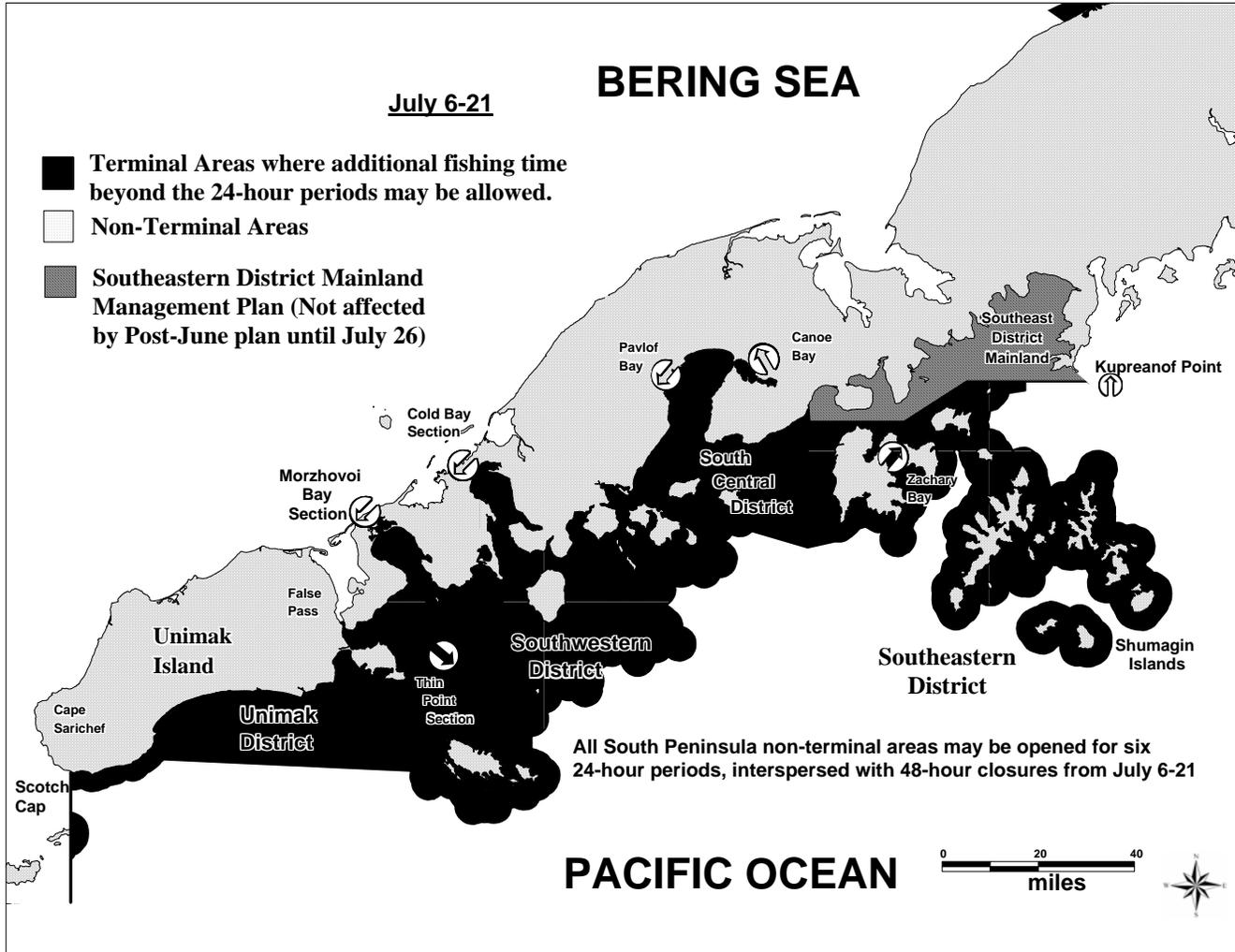
Figure 3.-Map of Zachary Bay with closed waters and Post-June fishing areas depicted.



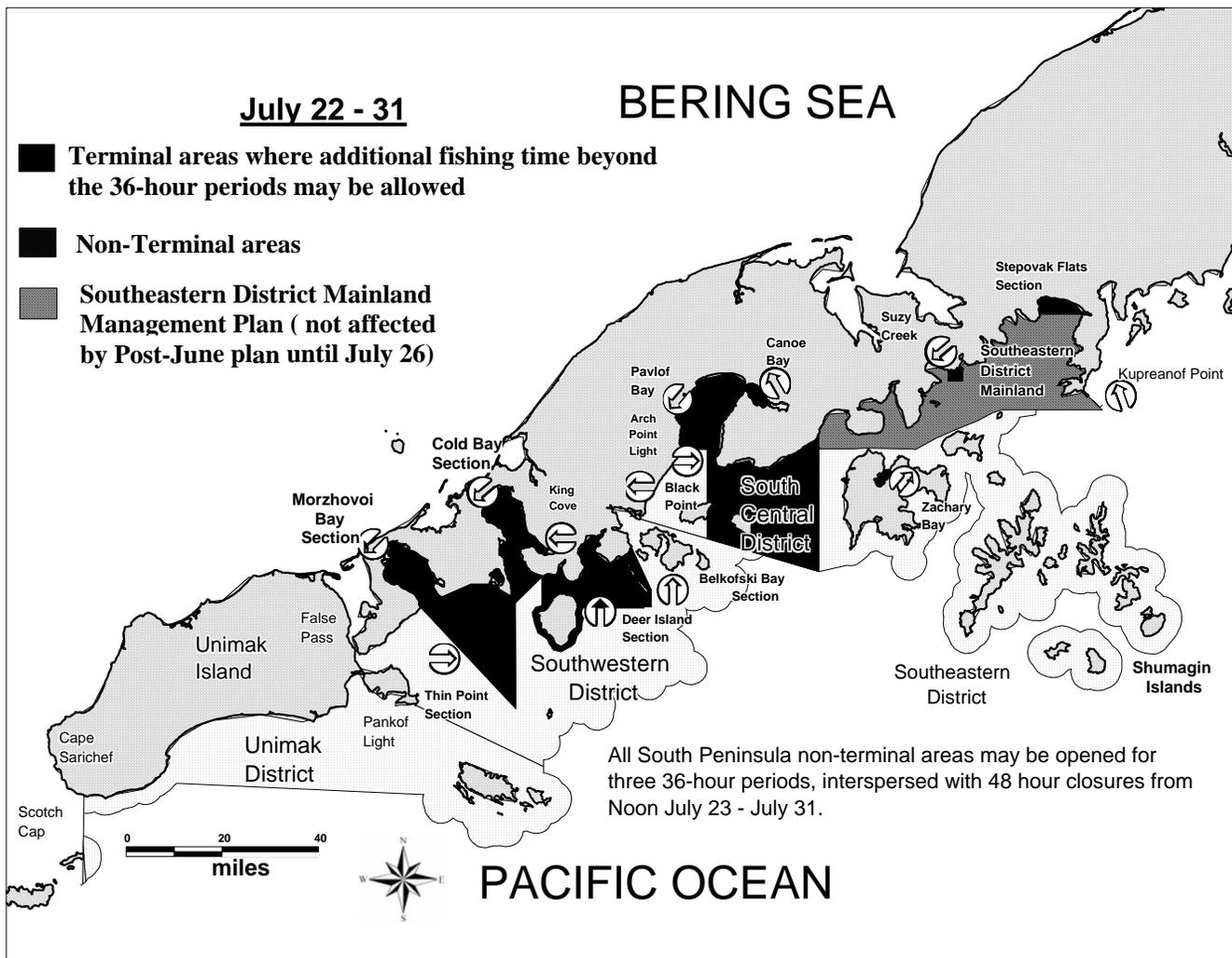
**Figure 4.-**Map of the Canoe Bay Section and Upper Pavlof Bay with pre-July 22 closed waters and Post-June fishing areas depicted.



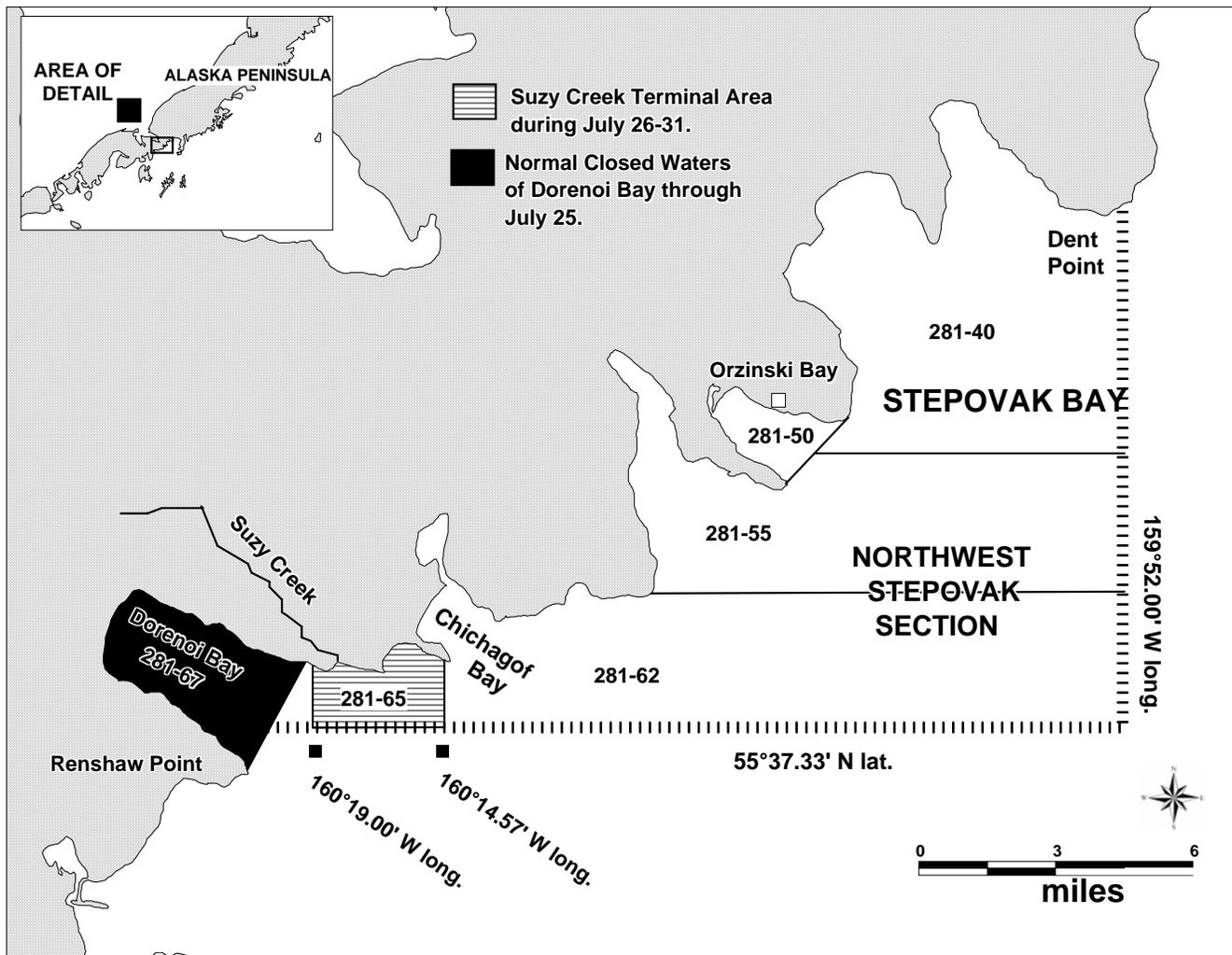
**Figure 5.-**Map of the Cold Bay, Thin Point and Morzhovoi Bay Sections with July 6-September 30 fishing areas and some closed waters of terminal areas depicted.



**Figure 6.-**Map of the South Alaska Peninsula Post-June fishing areas where additional fishing time may be allowed during July 6-21.



**Figure 7.**-Map of the South Alaska Peninsula Post-June fishing areas where additional fishing time may be allowed during July 22-31.



**Figure 8.**-Map of the Northwest Stepovak Section depicting Dorenoi Bay closed waters through July 25, and Suzy Creek Post-June terminal harvest area.