

Regional Information Report No. 1J09-12

2009–2010 Winter Troll Fishery Management Plan

by

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and

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Alaska Department of Fish and Game

Divisions of Commercial Fisheries



Symbols and Abbreviations

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

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by

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ABSTRACT

This document summarizes the plan that the Alaska Department of Fish and Game will follow to manage the 2009–2010 Southeast Alaska winter commercial troll Chinook salmon fishery, according to the Board of Fisheries regulations in the State of Alaska Administrative Code under 5 AAC 29.080.

Key words: Chinook salmon, troll, winter, commercial, management plan, Alaska

INTRODUCTION

This plan summarizes the management approach the Alaska Department of Fish and Game (department) will employ to manage the Southeast Alaska/Yakutat commercial salmon winter troll fishery during the 2009–2010 season, provides harvest data from the previous winter troll season, and provides some of the regulatory information formerly found in the winter troll regulatory guide.

Beginning in 1998, the department reformatted the troll commercial fishing regulations based on the troll regulatory guide model. As a result, most of the former regulatory guide information is now found in the *2009–2012 Southeast Alaska and Yakutat Commercial Salmon Fishing Regulations* pamphlet available at all Southeast Alaska ADF&G area offices.

MANAGEMENT PLAN

The winter Chinook salmon troll fishery in Southeast Alaska is managed in accordance with the Alaska Board of Fisheries (BOF) winter troll management plan [5 AAC 29.080] and the Pacific Salmon Treaty (PST). The 2009–2010 Southeast and Yakutat commercial winter troll season begins October 11, 2009 and will continue through April 30, 2010, or until a total of 45,000 Chinook salmon are harvested [5 AAC 29.070 (b)(1) and 5 AAC 29.080 (a)]. Treaty Chinook salmon caught in the winter troll fishery count towards the 2010 Southeast Alaska troll fishery allocation and the 2010 Southeast Alaska all-gear Treaty quota. There is currently no quota yet established for the overall 2010 season; however, the winter troll fishery will be managed so the total harvest of all Chinook salmon does not exceed 45,000 fish, with a guideline harvest range of 43,000 to 47,000 fish [5 AAC 29.080 (a)]. Any Treaty Chinook salmon not harvested during the winter fishery will be available for harvest in the spring and summer fisheries. The 45,000 fish cap was reached prior to April 30 during the 2003–2006 winter seasons. Prior to 2003, the cap had not been exceeded since it went into effect in 1995. In 2009 the winter season closed on April 30 by regulation because only 48% of the cap had been harvested prior to that date.

2009 WINTER TROLL HARVEST

The 2008–2009 winter troll Chinook harvest was 24,889 fish, with an 11.1% Alaska hatchery contribution. This compares to a harvest of 21,824 fish with an Alaska hatchery contribution of 13.5% in 2007–2008, and a 2004–2005 to 2008–2009 average harvest of 44,193 fish. A total of 429 permits were fished in 2008–2009. This compares to 466 in 2007–2008 and a 2004–2005 to 2008–2009 average of 464 permits fished. Harvest and effort in 2008–2009 were highest in October and April (Tables 1–6).

REGULATION SUMMARY

All regulations pertaining to the Southeast Alaska winter trolling season are listed in the *2009–2012 Southeast Alaska and Yakutat Commercial Salmon Fishing Regulations* pamphlet. The following list is a guide to the pertinent winter regulatory subsections. Some of these regulations may be changed in season by emergency order; any such changes will be announced via standard Commercial Fisheries Division News Releases. Copies of news releases, emergency orders, and regulation books are available at all Southeast Alaska Fish and Game area offices.

FISHING AREAS AND TIMES

The winter troll fishery is confined to the area east of a line that extends from the westernmost tip of Point Manby through 59°41.66' N. lat., 140°19.70' W. long., to 59°40.02' N. lat., 140°24.36' W. long. to 59°31.25 N. lat., 139°53.69' W. long. to 59°32.06' N. lat, 139°51.46' W. long. and then continues along the surf line as described in [5 AAC 29.020 (b)] (Figures 1, 2, and 3). Trolling is also allowed within 500 yards of the terminus of any salmon stream during the winter season except as listed under 5AAC 29.080(b) [5 AAC 29.150 (a)(1)]. Salmon fishing districts of Southeast Alaska and Yakutat are shown in Figure 4. Winter troll closed waters are described in the following section of this plan.

CLOSED WATERS

Salmon trolling is permitted in all previously mentioned areas and at all times during the winter season except as indicated in [5 AAC 29.080 (b)].

1. **District 1:** waters of Behm Canal (Section 1-D) between a line from Nose Point to Snail Point and a line from Cactus Point to Point Eva are closed.
2. **District 8:** waters of the Stikine River inside a line from Babbler Point to Hour Point, along the shore of Wrangell Island to Point Highfield to the southern end of Liesnoi Island to the southern end of Greys Island to the small island near the eastern entrance of Blind Slough, to the nearest point of Mitkof Island, to the prominent point of Mitkof Island nearest Coney Island, to the northern end of Coney Island, to a point 500 yards north of Jap Creek on the mainland shore are closed.
3. **District 11:**
 - A. Section 11-A is closed except those waters west of a line from Outer Point to Point Louisa and south and east of a line from Salisbury Point to Point Tantallon. This area will close at 11:59 p.m., April 14, regardless of whether the winter troll season is open after that date. The waters of Gastineau Channel are closed.
 - B. Section 11-B is open throughout the winter season except those waters north of the latitude of Graves Point Light are open only from October 11 through March 31.
4. **District 15:** waters of Section 15-B (Berners Bay) are closed.

Except for those areas specified in this section, all remaining waters listed in the "Closed Waters" section of the regulation book are open to trolling during the winter troll season.

GEAR, VESSEL SPECIFICATIONS AND REGISTRATION

1. Troll vessels must be registered prior to fishing for the calendar year (5 AAC 29.115).
2. Troll vessels must be identified as specified in (5 AAC 39.119) and (5 AAC 29.125).
3. For troll gear specifications and operations see (5 AAC 29.120).

During the winter fishery only hand-operated downriggers may be used in conjunction with fishing rods as follows (5 AAC 29.120(j)):

1. A downrigger may not be used with a troll gurdy;
2. A hand troll gurdy or downrigger powered by hand or hand crank may be used in conjunction with a fishing rod, and is not considered power troll gear;

3. An electric, hydraulic, or power assisted downrigger is considered a power troll gurdy and may not be used in conjunction with a fishing rod;
4. An aggregate of two rods with the fishing lines extending from the rods and connected to two downriggers or hand troll gurdies using a quick release device designed to release the fishing rod line from the downrigger line may be used;
5. No more than two troll gurdies, and four rigged fishing rods capable of taking fish, may be on board a salmon hand troll vessel; additional fishing rods may be on board the vessel but may not be rigged for taking fish.

SIZE AND LANDING REQUIREMENTS

Chinook salmon caught in the winter troll fishery must be equal to or greater than 28 inches in total length and the heads of all adipose-fin clipped salmon must remain attached until the fish is sold. For further specifications see (5 AAC 29.140).

SPORT FISHING AND CHARTERING FROM A REGISTERED TROLL VESSEL

1. A person may sport fish from a registered commercial salmon troll or power troll vessel [5 AAC 47.041 (a)]. A troll gurdy may be used as a downrigger in conjunction with a sport fishing rod to sport fish for salmon. A person who sport fishes from a vessel licensed for commercial fishing, other than a charter vessel, in waters closed to commercial salmon fishing shall, immediately upon bringing a salmon onboard, mark the salmon by removing its dorsal fin [5 AAC 47.041 (c)]. This regulation also applies when a person is sport fishing for a species closed to commercial trolling. Sport fishing from a commercially licensed vessel while commercially caught salmon are in possession is illegal in waters closed to commercial fishing [5 AAC 47.041(d)]. The sport fishing season is open year-round for all species except as follows: halibut is open February 1–December 31; lingcod is open according to regulations found on page 11 in the 2008 Alaska Sport Fishing Regulations Summary.
2. A registered troll vessel may also be registered as a charter vessel. Charter boat registration applications are available at Fish and Game offices. A vessel registered both as a commercial troller and as a charter vessel may not be used to troll commercially and charter in the same day [5 AAC 75.995(8)].

REGULATIONS PERTAINING TO COMMERCIAL TROLL BYCATCH OF GROUND FISH AND HALIBUT

For information on Southeast Alaska Groundfish regulations, refer to the 2009–2010 Statewide Commercial Groundfish Fishing Regulations books available at all Southeast ADF&G area offices.

Halibut incidentally taken during an open commercial halibut season by power and hand troll gear being operated for salmon consistent with applicable state laws and regulations are legally taken and possessed (5AAC 28.133 (c)). Commercial halibut may be legally retained only by IFQ permit holders during the open season for halibut, March 21- November 15, 2009. Trollers making an IFQ halibut landing of 500 lbs or less of IFQ weight as determined pursuant to 50 CFR 679.42(h) are exempted from the 3 hour Prior Notice of Landing (PNOL) if landed concurrently with a legal landing of salmon [50 CFR 679.5(l)(1)(iv)(A)]. Halibut taken incidentally during the troll fishery shall be reported on a fish ticket using the CFEC salmon permit. For information on regulations and landing requirements for the federal IFQ halibut fishery contact the National Marine Fisheries Service at 586-7225 (Juneau), 747-6940 (Sitka), 772-2285 (Petersburg), or 247-5804 (Ketchikan).

Lingcod may be taken as bycatch in the commercial salmon troll fishery only from May 16 through November 30 (5AAC 28.113 (c)). Lingcod harvest allocations for the troll fishery are set by Lingcod Management Area and area closures occur as allocations are taken. Lingcod quota remains available as troll bycatch in the Central Southeast Outside (CSEO) Section, Northern Southeast Inside (NSEI) Subdistrict, and Southern Southeast Internal Waters (SSEIW) Sector. **These areas will remain open until allocations are taken or until November 30, whichever occurs first.** Lingcod Management Areas are displayed in Figure 5. In-season closures will be announced by news release and marine radio broadcast by the U.S. Coast Guard and National Weather Service. For updates on area closures for lingcod, call the Groundfish Hotline at 747-4882 or contact the Groundfish staff in Sitka at 747-6688.

Lingcod may be taken as salmon bycatch in the winter troll fishery in unlimited amounts with the following exceptions:

1. The 2009 commercial troll lingcod allocation has been taken in the Icy Bay Subdistrict (IBS), Northern Southeast Outside (NSEO) Section, and Southern Southeast Outer Coast (SSEOC) Sector. These areas are closed to lingcod bycatch for the remainder of the year.
2. Lingcod must measure at least 27 inches from the tip of the snout to the tip of the tail, or 20.5 inches from the front of the dorsal fin to the tip of the tail.
3. In the Sitka vicinity, the retention of lingcod is prohibited in the waters of Sitka Sound, as defined by 5AAC 28.150(a).

The Department has been involved in a lingcod tagging program and trollers are requested to retain tagged lingcod of any size and to notify the nearest ADF&G office at the time of delivery so the fish may be sampled. Tagged lingcod may be retained at any time however tags must remain attached to any tagged lingcod that are undersized, taken out of season, or from a closed area. Tagged lingcod should be dressed, with the head left attached. The date, capture location (latitude and longitude) and depth taken should be recorded. A hat will be rewarded and fishermen providing all of the recovery information will be entered into a cash drawing.

For information on bycatch allowances of groundfish in the salmon troll fishery, refer to the news release issued on June 1, 2009.

Other regulations:

1. Trollers are allowed to longline for groundfish and troll for salmon on the same trip as long as salmon are not onboard the vessel in an area closed to trolling and the fisher has both a commercial salmon permit and a commercial longline permit.
2. A vessel may not participate in a directed fishery for groundfish with dinglebar troll or mechanical jig gear if they have commercial caught salmon on board. A vessel fishing for groundfish with dinglebar troll gear must display the letter "D" and a vessel fishing for groundfish with mechanical jigging machines must display the letter "M" at all times when fishing with or transporting fish taken with dinglebar troll gear or mechanical jigging machines (5AAC 28.135 (a)(4)). A person may not operate a vessel that is displaying one of these letters when the vessel is being used to fish for salmon (5AAC 28.135 (c)).
3. Due to new regulations passed by the 2009 Board of Fish meeting, trollers may now sell black rockfish taken as bycatch in Sitka Sound and the other black rockfish closure areas listed in 5AAC 28.150 (e).

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The following are commercial fisheries division contacts regarding this management plan:

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For up-to-date troll information, call the 24-hour information line in the Douglas Office at 465-TROL (8765). In addition, the following telephone numbers may be called during the troll fishing season to obtain recorded announcements concerning areas open to trolling.

Ketchikan-(907) 225-6870

Sitka-(907) 747-8765

Petersburg-(907) 772-3700

SOUTHEAST ALASKA TROLL WEBSITE

www.cf.adfg.state.ak.us/region1/finfish/salmon/troll/trolinfo.php

Table 1.–Winter troll Chinook harvest, October 11, 2008 through April 30, 2009, for Districts 101-105.

District	Week	Dates	Landings	Permits	Chinook	Chinook Per Landing	Chinook Per Permit	Ave Wt. (lbs)
101	42	Oct 12–18, 2008	7	7	91	13.0	13.0	11.03
101	44	Oct 26–Nov 1, 2008	4	4	25	6.3	6.3	11.72
101	45	Nov 2–8, 2008	4	4	30	7.5	7.5	11.13
101	46	Nov 9–15, 2008	3	3	12	4.0	4.0	11.50
101	48	Nov 23–29, 2008	4	4	25	6.3	6.3	12.12
101	4	Jan 18–24, 2009	3	3	7	2.3	2.3	10.71
101	18	Apr 26–30, 2009	4	3	5	1.3	1.7	14.20
101 Total			48	20	290	6.0	14.5	11.40
102	14	Mar 29–Apr 4, 2009	3	3	16	5.3	5.3	13.56
102 Total			15	11	107	7.1	9.7	11.36
103	45	Nov 2–8, 2008	5	5	47	9.4	9.4	11.36
103	46	Nov 9–15, 2008	5	4	32	6.4	8.0	11.00
103	47	Nov 16–22, 2008	4	4	79	19.8	19.8	11.48
103	49	Nov 30–Dec 6, 2008	5	5	43	8.6	8.6	11.63
103	50	Dec 7–13, 2008	4	4	35	8.8	8.8	10.49
103	51	Dec 14–20, 2008	4	4	26	6.5	6.5	11.19
103	5	Jan 24–31, 2009	4	4	71	17.8	17.8	11.46
103	7	Feb 8–14, 2009	4	4	30	7.5	7.5	12.70
103	8	Feb 15–21, 2009	3	3	14	4.7	4.7	12.50
103	12	Mar 15–21, 2009	3	3	7	2.3	2.3	15.14
103	13	Mar 22–28, 2009	8	8	45	5.6	5.6	14.82
103	14	Mar 29–Apr 4, 2009	3	3	19	6.3	6.3	12.26
103	18	Apr 26–30, 2009	7	6	17	2.4	2.8	13.85
103 Total			72	26	523	7.3	20.1	11.99
104	15	Apr 5–11, 2009	4	4	51	12.8	12.8	13.92
104	18	Apr 26–30, 2009	6	6	43	7.2	7.2	14.32
104 Total			21	12	247	11.8	20.6	13.65
105	4	Jan 18–24, 2009	7	6	63	9.0	10.5	12.68
105	5	Jan 24–31, 2009	3	3	14	4.7	4.7	12.00
105	6	Feb 1–7, 2009	5	5	22	4.4	4.4	12.77
105	7	Feb 8–14, 2009	6	5	58	9.7	11.6	12.74
105	8	Feb 15–21, 2009	7	7	78	11.1	11.1	13.55
105	9	Feb 22–28, 2009	8	7	59	7.4	8.4	13.95
105	10	Mar 1–7, 2009	6	5	70	11.7	14.0	13.21
105	12	Mar 15–21, 2009	12	12	155	12.9	12.9	11.95
105	13	Mar 22–28, 2009	13	10	93	7.2	9.3	13.70
105	14	Mar 29–Apr 4, 2009	13	13	137	10.5	10.5	12.88
105	15	Apr 5–11, 2009	19	16	215	11.3	13.4	13.58
105	16	Apr 12–18, 2009	15	11	157	10.5	14.3	15.25
105	17	Apr 19–25, 2009	29	22	320	11.0	14.5	13.62
105	18	Apr 26–30, 2009	15	15	115	7.7	7.7	14.18
105 Total			165	46	1,641	9.9	35.7	13.44

Note: Weeks and districts with less than 3 permits fished are omitted due to confidentiality considerations. Therefore, the totals may not reflect the sum of the weekly harvests shown.

Table 2.—Winter troll Chinook harvest, October 11, 2008 through April 30, 2009, for Districts 106-108.

District	Week	Dates	Landings	Permits	Chinook	Chinook Per Landing	Chinook Per Permit	Ave Wt. (lbs)
106	44	Oct 26–Nov 1, 2008	7	5	20	2.9	4.0	13.67
106	45	Nov 2–8, 2008	10	6	21	2.1	3.5	15.14
106	47	Nov 16–22, 2008	12	5	23	1.9	4.6	14.63
106	48	Nov 23–29, 2008	8	5	34	4.3	6.8	14.86
106	49	Nov 30–Dec 6, 2008	28	11	85	3.0	7.7	13.71
106	50	Dec 7–13, 2008	10	6	19	1.9	3.2	12.94
106	51	Dec 14–20, 2008	6	4	12	2.0	3.0	12.96
106	52	Dec 21–27, 2008	4	4	6	1.5	1.5	16.20
106	53	Dec 28–31, 2008	3	3	4	1.3	1.3	13.73
106	3	Jan 11–17, 2009	8	6	13	1.6	2.2	14.28
106	4	Jan 18–24, 2009	13	6	40	3.1	6.7	15.84
106	5	Jan 24–31, 2009	17	9	29	1.7	3.2	16.63
106	6	Feb 1–7, 2009	4	4	8	2.0	2.0	17.75
106	7	Feb 8–14, 2009	12	5	24	2.0	4.8	13.42
106	8	Feb 15–21, 2009	7	5	28	4.0	5.6	13.19
106	9	Feb 22–28, 2009	9	5	11	1.2	2.2	18.85
106	10	Mar 1–7, 2009	4	3	6	1.5	2.0	18.28
106	14	Mar 29–Apr 4, 2009	8	5	15	1.9	3.0	15.35
106	15	Apr 5–11, 2009	7	4	9	1.3	2.3	22.21
106	16	Apr 12–18, 2009	4	4	6	1.5	1.5	13.77
106	17	Apr 19–25, 2009	5	4	37	7.4	9.3	17.46
106	18	Apr 26–30, 2009	10	7	18	1.8	2.6	16.77
106 Total			210	31	518	2.5	16.7	14.97
107	42	Oct 12–18, 2008	7	7	89	12.7	12.7	13.79
107	43	Oct 19–25, 2008	4	4	48	12.0	12.0	13.81
107 Total			17	10	188	11.1	18.8	13.70
108	42	Oct 12–18, 2008	5	5	68	13.6	13.6	14.73
108	44	Oct 26–Nov 1, 2008	5	4	28	5.6	7.0	13.41
108	45	Nov 2–8, 2008	12	7	45	3.8	6.4	12.56
108	46	Nov 9–15, 2008	8	7	25	3.1	3.6	11.23
108	47	Nov 16–22, 2008	5	5	12	2.4	2.4	12.20
108	48	Nov 23–29, 2008	5	5	21	4.2	4.2	11.48
108	49	Nov 30–Dec 6, 2008	6	5	23	3.8	4.6	11.03
108	50	Dec 7–13, 2008	5	5	14	2.8	2.8	11.76
108	51	Dec 14–20, 2008	4	3	25	6.3	8.3	11.83
108	3	Jan 11–17, 2009	4	4	5	1.3	1.3	15.20
108	4	Jan 18–24, 2009	3	3	17	5.7	5.7	10.32
108	8	Feb 15–21, 2009	6	5	10	1.7	2.0	11.51
108	15	Apr 5–11, 2009	3	3	3	1.0	1.0	17.80
108	16	Apr 12–18, 2009	3	3	9	3.0	3.0	16.57
108	18	Apr 26–30, 2009	4	3	6	1.5	2.0	15.95
108 Total			92	34	350	3.8	10.3	13.03

Note: Weeks and districts with less than 3 permits fished are omitted due to confidentiality considerations. Therefore, the totals may not reflect the sum of the weekly harvests shown.

Table 3.—Winter troll Chinook harvest, October 11, 2008 through April 30, 2009, for Districts 109-112.

District	Week	Dates	Landings	Permits	Chinook	Chinook Per Landing	Chinook Per Permit	Ave Wt. (lbs)
109	42	Oct 12–18, 2008	3	3	22	7.3	7.3	11.68
109	44	Oct 26–Nov 1, 2008	5	4	19	3.8	4.8	14.46
109	46	Nov 9–15, 2008	3	3	19	6.3	6.3	12.82
109	50	Dec 7–13, 2008	3	3	60	20.0	20.0	13.11
109	7	Feb 8–14, 2009	3	3	49	16.3	16.3	11.94
109	10	Mar 1–7, 2009	4	4	41	10.3	10.3	15.60
109	12	Mar 15–21, 2009	3	3	62	20.7	20.7	13.08
109	14	Mar 29–Apr 4, 2009	5	4	63	12.6	15.8	14.59
109	15	Apr 5–11, 2009	17	16	212	12.5	13.3	13.95
109	16	Apr 12–18, 2009	14	12	238	17.0	19.8	13.16
109	17	Apr 19–25, 2009	10	9	153	15.3	17.0	13.56
109	18	Apr 26–30, 2009	13	12	161	12.4	13.4	13.37
109 Total			103	47	1,281	12.4	27.3	13.60
110	42	Oct 12–18, 2008	16	15	334	20.9	22.3	13.50
110	43	Oct 19–25, 2008	3	3	21	7.0	7.0	13.12
110	44	Oct 26–Nov 1, 2008	9	7	140	15.6	20.0	13.03
110	45	Nov 2–8, 2008	5	5	184	36.8	36.8	12.48
110	46	Nov 9–15, 2008	6	6	165	27.5	27.5	12.48
110	47	Nov 16–22, 2008	3	3	67	22.3	22.3	13.01
110	49	Nov 30–Dec 6, 2008	4	4	63	15.8	15.8	12.68
110	50	Dec 7–13, 2008	5	5	42	8.4	8.4	12.28
110	3	Jan 11–17, 2009	3	3	4	1.3	1.3	11.90
110	18	Apr 26–30, 2009	3	3	28	9.3	9.3	16.42
110 Total			77	31	1,175	15.3	37.9	13.15
111 Total			11	4	53	4.8	13.3	14.56
112 Total			11	5	132	12.0	26.4	11.97

Note: Weeks and districts with less than 3 permits fished are omitted due to confidentiality considerations. Therefore, the totals may not reflect the sum of the weekly harvests shown.

Table 4.–Winter troll Chinook harvest, October 11, 2008 through April 30, 2009, for Districts 113-114.

District	Week	Dates	Landings	Permits	Chinook	Chinook Per Landing	Chinook Per Permit	Ave Wt. (lbs)
113	42	Oct 12–18, 2008	31	26	376	12.1	14.5	11.98
113	43	Oct 19–25, 2008	13	12	110	8.5	9.2	11.01
113	44	Oct 26–Nov 1, 2008	34	31	251	7.4	8.1	11.47
113	45	Nov 2–8, 2008	31	25	122	3.9	4.9	12.06
113	46	Nov 9–15, 2008	6	6	19	3.2	3.2	12.59
113	47	Nov 16–22, 2008	11	8	32	2.9	4.0	14.49
113	48	Nov 23–29, 2008	3	3	9	3.0	3.0	15.57
113	49	Nov 30–Dec 6, 2008	16	15	127	7.9	8.5	11.70
113	50	Dec 7–13, 2008	15	12	99	6.6	8.3	11.98
113	51	Dec 14–20, 2008	3	3	10	3.3	3.3	11.27
113	52	Dec 28–31, 2008	3	3	22	7.3	7.3	10.91
113	4	Jan 18–24, 2009	7	6	20	2.9	3.3	16.23
113	6	Feb 1–7, 2009	10	8	24	2.4	3.0	13.58
113	7	Feb 8–14, 2009	21	16	183	8.7	11.4	15.39
113	8	Feb 15–21, 2009	40	31	218	5.5	7.0	15.79
113	9	Feb 22–28, 2009	33	28	147	4.5	5.3	15.24
113	10	Mar 1–7, 2009	41	31	214	5.2	6.9	14.98
113	11	Mar 8–14, 2009	25	22	134	5.4	6.1	15.02
113	12	Mar 15–21, 2009	28	19	202	7.2	10.6	14.25
113	13	Mar 22–28, 2009	29	22	154	5.3	7.0	14.23
113	14	Mar 29–Apr 4, 2009	35	25	255	7.3	10.2	14.77
113	15	Apr 5–11, 2009	115	85	1,221	10.6	14.4	14.94
113	16	Apr 12–18, 2009	149	106	2,732	18.3	25.8	15.11
113	17	Apr 19–25, 2009	221	157	3,700	16.7	23.6	13.68
113	18	Apr 26–30, 2009	201	141	3,738	18.6	26.5	14.13
113 Total			1,127	203	14,140	12.5	69.7	14.17
114	42	Oct 12–18, 2008	4	4	42	10.5	10.5	15.81
114	45	Nov 2–8, 2008	5	4	12	2.4	3.0	12.97
114	49	Nov 30–Dec 6, 2008	3	3	22	7.3	7.3	15.79
114	7	Feb 8–14, 2009	7	4	33	4.7	8.3	16.13
114	8	Feb 15–21, 2009	3	3	18	6.0	6.0	15.33
114	10	Mar 1–7, 2009	4	3	21	5.3	7.0	13.13
114	12	Mar 15–21, 2009	3	3	4	1.3	1.3	17.25
114	13	Mar 22–28, 2009	7	7	22	3.1	3.1	17.41
114	14	Mar 29–Apr 4, 2009	10	10	30	3.0	3.0	17.19
114	15	Apr 5–11, 2009	8	8	67	8.4	8.4	15.73
114	16	Apr 12–18, 2009	17	16	151	8.9	9.4	14.71
114	17	Apr 19–25, 2009	20	16	350	17.5	21.9	13.79
114	18	Apr 26–30, 2009	26	22	344	13.2	15.6	13.85
114 Total			135	40	1,214	9.0	30.4	14.50

Note: Weeks and districts with less than 3 permits fished are omitted due to confidentiality considerations. Therefore, the totals may not reflect the sum of the weekly harvests shown.

Table 5.–Winter troll Chinook harvest, October 11, 2008 through April 30, 2009, for District 183.

District	Week	Dates	Landings	Permits	Chinook	Chinook Per Landing	Chinook Per Permit	Ave Wt. (lbs)
183	42	Oct 12–18, 2008	15	7	79	5.3	11.3	11.26
183	43	Oct 19–25, 2008	9	8	71	7.9	8.9	12.31
183	44	Oct 26–Nov 1, 2008	16	8	100	6.3	12.5	11.86
183	45	Nov 2–8, 2008	39	15	274	7.0	18.3	12.54
183	46	Nov 9–15, 2008	23	14	101	4.4	7.2	12.83
183	47	Nov 16–22, 2008	21	11	84	4.0	7.6	12.48
183	48	Nov 23–29, 2008	22	10	102	4.6	10.2	11.89
183	49	Nov 30–Dec 6, 2008	44	18	367	8.3	20.4	12.25
183	50	Dec 7–13, 2008	43	19	232	5.4	12.2	12.81
183	51	Dec 14–20, 2008	22	14	70	3.2	5.0	12.47
183	52	Dec 21–27, 2008	10	8	25	2.5	3.1	14.00
183	53	Dec 28–31, 2008	6	6	8	1.3	1.3	14.50
183	2	Jan 4–10, 2009	8	4	12	1.5	3.0	13.92
183	3	Jan 11–17, 2009	5	4	9	1.8	2.3	9.78
183	4	Jan 18–24, 2009	10	6	32	3.2	5.3	13.94
183	5	Jan 24–31, 2009	13	6	31	2.4	5.2	12.48
183	6	Feb 1–7, 2009	12	9	70	5.8	7.8	13.41
183	7	Feb 8–14, 2009	25	14	115	4.6	8.2	13.07
183	8	Feb 15–21, 2009	15	12	29	1.9	2.4	12.31
183	9	Feb 22–28, 2009	21	12	79	3.8	6.6	13.59
183	10	Mar 1–7, 2009	32	18	113	3.5	6.3	13.29
183	11	Mar 8–14, 2009	28	12	90	3.2	7.5	12.27
183	12	Mar 15–21, 2009	14	10	40	2.9	4.0	12.63
183	14	Mar 29–Apr 4, 2009	8	6	13	1.6	2.2	16.31
183	15	Apr 5–11, 2009	22	15	92	4.2	6.1	15.73
183	16	Apr 12–18, 2009	30	13	116	3.9	8.9	15.41
183	17	Apr 19–25, 2009	88	35	403	4.6	11.5	13.99
183	18	Apr 26–30, 2009	62	29	269	4.3	9.3	14.21
183	Total		666	51	3,030	4.5	59.4	13.13

Note: Weeks and districts with less than 3 permits fished are omitted due to confidentiality considerations. Therefore, the totals may not reflect the sum of the weekly harvests shown.

Table 6.– Weekly effort, harvest, average price and average weight in the 2009 winter troll fishery.

2009 Weekly Chinook Salmon Catch and Effort Data						
Week	Permits	Landings	Number	Pounds	Ave. Price	Ave. Wt. (lbs)
42	81	96	1,250	15,813	\$7.27	12.66
43	39	42	329	4,017	\$7.42	12.25
44	63	83	609	7,392	\$7.39	12.16
45	71	113	751	9,296	\$7.33	12.43
46	48	62	404	5,013	\$7.55	12.41
47	40	62	345	4,367	\$7.49	12.77
48	33	48	257	3,271	\$7.45	12.73
49	63	109	760	9,398	\$7.52	12.4
50	61	92	550	6,808	\$7.70	12.38
51	33	45	181	2,329	\$7.72	12.87
52	16	18	58	745	\$7.80	13.07
53	10	11	17	230	\$7.81	14.38
1	3	3	8	118	\$7.75	14.75
2	11	15	35	421	\$7.64	12.01
3	23	29	103	1,314	\$7.67	13.01
4	38	53	256	3,395	\$7.63	13.31
5	28	43	202	2,623	\$7.68	12.99
6	32	37	155	2,118	\$7.77	13.67
7	52	80	532	7,309	\$7.79	13.82
8	69	88	429	6,223	\$7.77	14.5
9	56	76	314	4,587	\$7.67	14.61
10	70	98	494	6,995	\$7.73	14.22
11	42	62	286	3,950	\$7.72	13.91
12	55	69	489	6,485	\$7.68	13.29
13	54	65	334	4,837	\$7.76	14.48
14	72	89	570	8,165	\$7.82	14.32
15	157	202	1,880	27,706	\$7.32	14.74
16	165	233	3,433	51,383	\$6.44	14.97
17	246	383	5,111	70,408	\$6.01	13.78
18	242	347	4,747	66,959	\$5.97	14.12
Totals		2,753	24,889	343,675	\$6.75	13.82

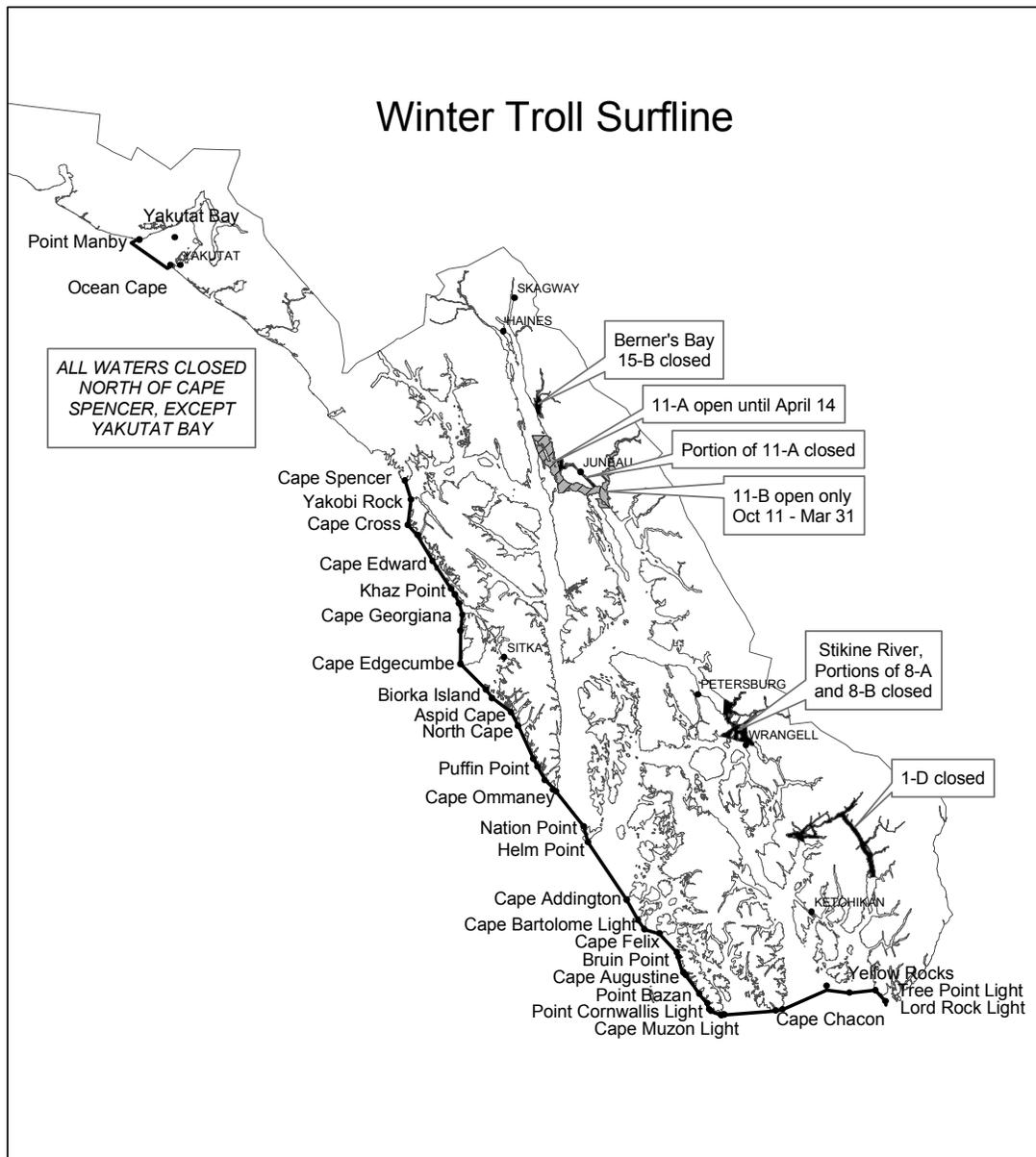


Figure 1.—Southeast Alaska winter troll fishery areas.

Note: For a full description of areas closed to winter trolling, see page 4 of this guide.

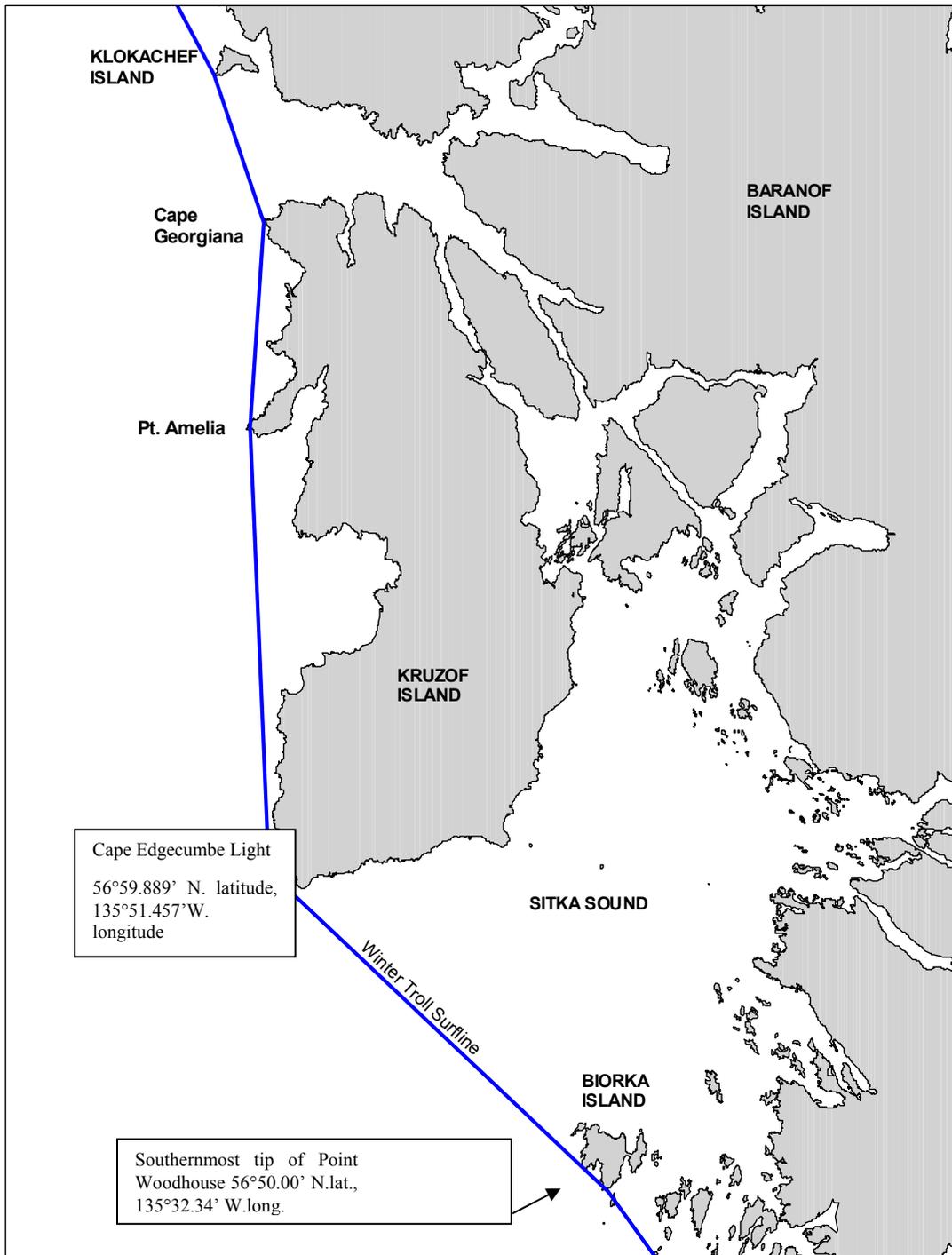


Figure 2.—Sitka area winter troll surpline. (The Cape Edgecumbe Light coordinates are from the United States Coast Guard Light List, Vol. VI, 2009).

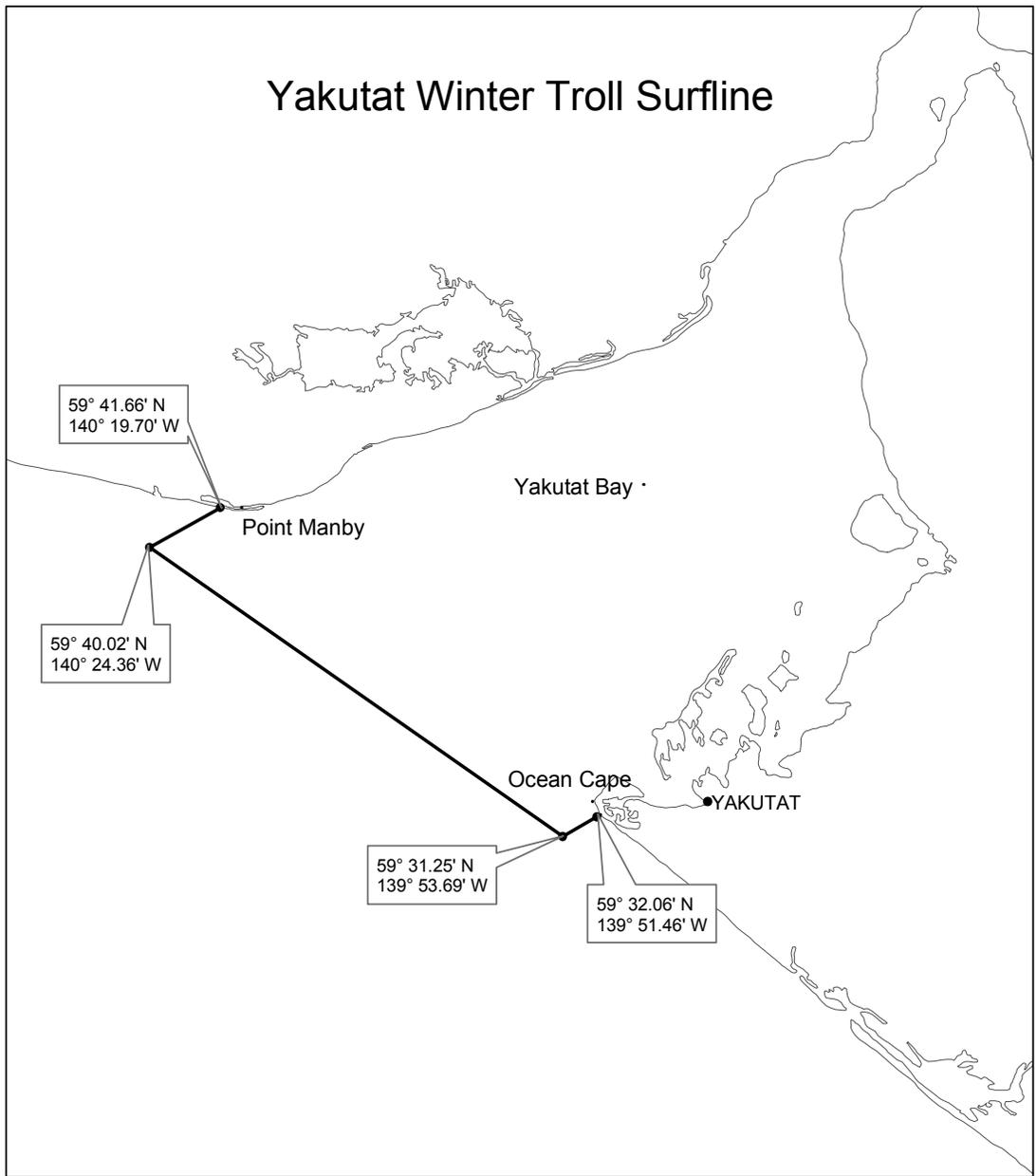


Figure 3.—Yakutat Bay winter troll surfline.

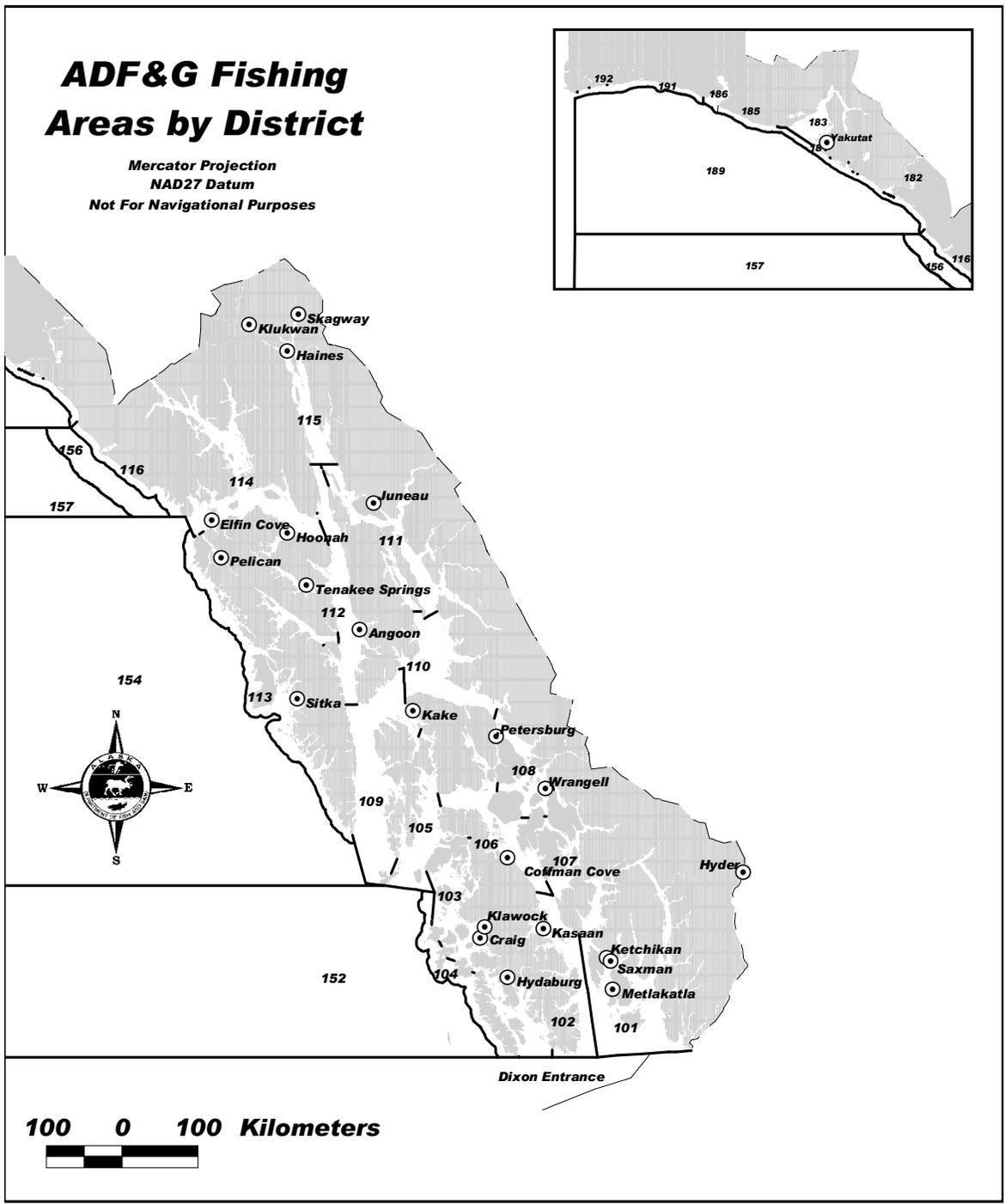


Figure 4.—Southeast Alaska/Yakutat salmon fishing districts.

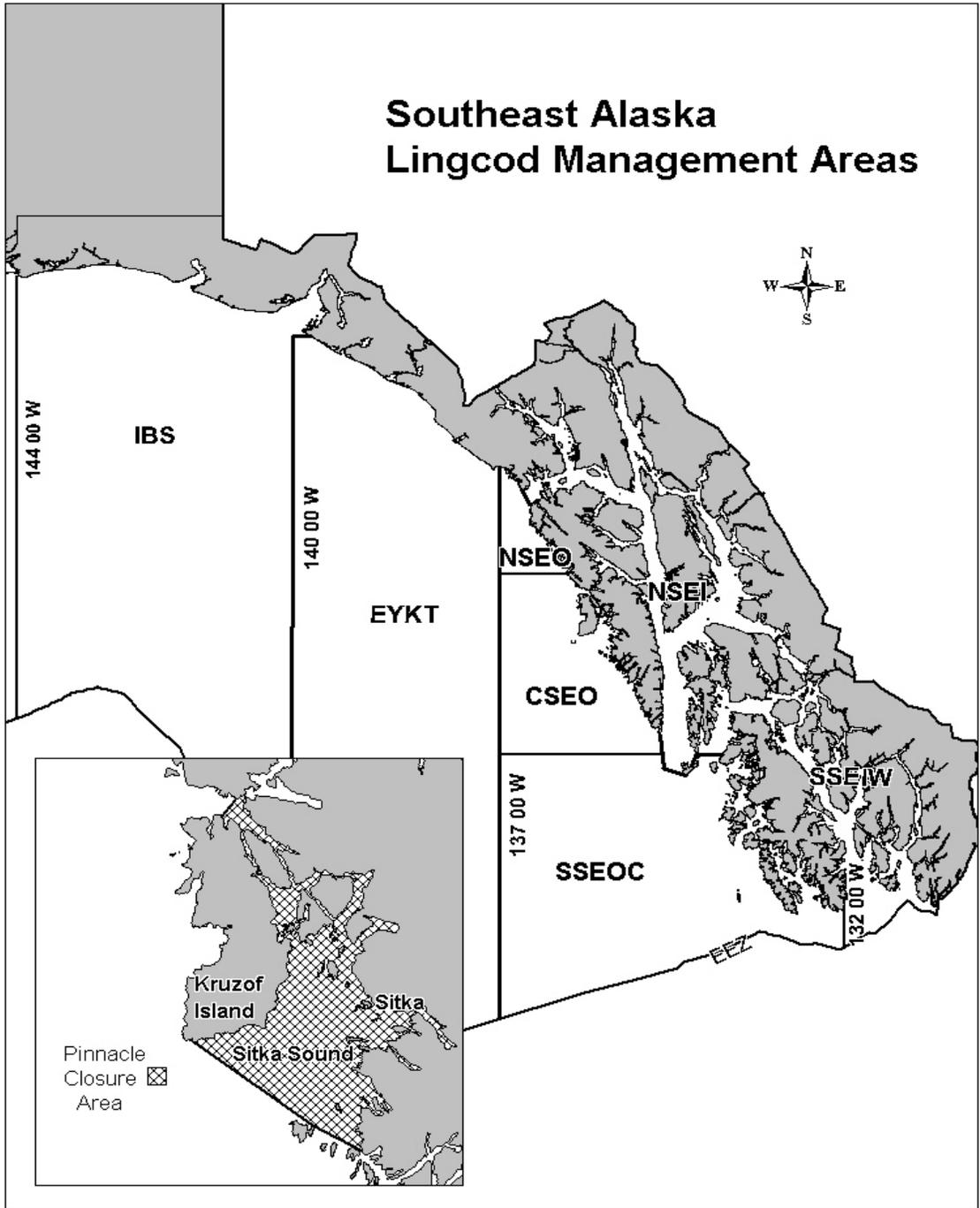


Figure 5.—Southeast Alaska lingcod management areas.

Note: All areas will close to lingcod retention on December 1, unless closed earlier by emergency order. See pages 5–7 of this guide for further regulations pertaining to groundfish retention.

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