

Kodiak Management Area Commercial Salmon Fishery Annual Management Report, 2012

by

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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

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ANNUAL MANAGEMENT REPORT, 2012**

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Division of Sport Fish, Research and Technical Services
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ABSTRACT

This report provides an overview of the 2012 Kodiak Management Area (KMA) salmon resources, stock status, and commercial, personal use, and subsistence salmon fisheries.

Sockeye salmon *Oncorhynchus nerka* escapements met or exceeded the established goals of Malina, Afognak, Frazer, Saltery, early-run Karluk, late-run Karluk, early-run Ayakulik, late-run Ayakulik, Buskin, Little River, Pasagshak, early-run Upper Station, and late-run Upper Station, but were not met at Uganik. The Kodiak Archipelago and Mainland District pink salmon *O. gorbuscha* escapement goals were met. The Kodiak Archipelago and Mainland District chum salmon *O. keta* lower-bound escapement goals were exceeded. The Chinook salmon *O. tshawytscha* escapement goal was achieved in both the Karluk and Ayakulik rivers. The coho salmon *O. kisutch* escapement goals were achieved in the Buskin and American rivers, but not the Olds or Pasagshak rivers.

The 2012 KMA commercial salmon fishery began on June 9, with the last reported landing on September 21. A total of 336 permits were fished, consisting of 168 purse seine permits, 4 beach seine permits, and 164 set gillnet permits. The total commercial salmon harvest in the KMA, including cost recovery harvest but excluding test fishery harvest and commercially caught salmon retained for personal use, was 14,786 Chinook, 2,232,441 sockeye, 208,514 coho, 16,873,245 pink, and 866,382 chum salmon. Commercial harvests were less than projected based on the forecast for all species of salmon except pink salmon. The exvessel value for salmon harvested by all gear types totaled approximately \$45.0 million.

Commercially harvested salmon that were reported as retained for personal use, but not sold, totaled 7,726 salmon in the KMA, consisting of 195 Chinook, 4,116 sockeye, 1,971 coho, 1,413 pink, and 31 chum salmon.

Harvest data from subsistence permits issued in 2012 have not yet been summarized.

Key words: Chinook salmon, sockeye salmon, coho salmon, pink salmon, chum salmon, *Oncorhynchus*, Alaska Department of Fish and Game, AMR, exvessel value, Kodiak Management Area, KMA, BOF, commercial fisheries, subsistence, management plan, annual management report, purse seine, set gillnet, harvest, personal use

INTRODUCTION

This report describes the Kodiak Management Area (KMA), its salmon *Oncorhynchus* spp. resources, and the commercial salmon fisheries and harvest strategies that were in effect during the 2012 commercial salmon fishing season. A summary is also provided of the 2012 season and historical information pertaining to commercial harvest and effort levels, escapement, subsistence, and commercial harvest retained for personal use. In addition, this report provides a comparison of salmon escapement as it pertains to the condition of salmon stocks found within the KMA.

The KMA comprises the waters of the western Gulf of Alaska surrounding the Kodiak Archipelago and that portion of the Alaska Peninsula bordering the Shelikof Strait between Cape Douglas and Kilokak Rocks (Figure 1). The archipelago is approximately 150 miles long, extending from northeast to southwest.

General information concerning escapements, harvest, and economic value is contained in the body of this report. More detail is provided in a series of appendices describing the KMA commercial fishing districts (Appendix A), fishing opportunity and management actions taken during the 2012 season (Appendix B), detailed information on specific fisheries (Appendices C through K), commercial salmon harvest by statistical week and management unit (Appendix L), and indexed peak salmon escapements by species and district (Appendix M). More detailed escapement data by stream are published in a separate escapement report (Fuerst 2013).

Due to the effects of the M/V *Exxon Valdez* oil spill, most of the KMA remained closed to commercial salmon fishing during the 1989 season. Most tables and graphs in this report include 1989 data but exclude it in the historical averages.

SALMON RESOURCES

SALMON PRODUCING STREAMS

Salmon migration or spawning has been documented in approximately 900 streams within the KMA (Johnson and Blanche 2012), but only 442 streams have been documented to support yearly spawning populations of salmon (Table 1). There are Chinook salmon *O. tshawytscha* in 7 streams, sockeye salmon *O. nerka* in 61 streams, coho salmon *O. kisutch* in 235 streams, pink salmon *O. gorbuscha* in approximately 438 streams, and chum *O. keta* in 214 streams. The majority of pink salmon streams are located in the Kodiak Archipelago (Afognak, Northwest Kodiak, South West Kodiak, Alitak, Eastside Kodiak, and Northeast Kodiak districts; Appendix A1), with only 101 pink salmon streams located in the Mainland District (on the Alaska Peninsula). In years with very large returns, additional small streams have been used by pink salmon.

SUPPLEMENTAL PRODUCTION

Two hatcheries located in the KMA currently produce salmon to supplement natural salmon production. The Kodiak Regional Aquaculture Association (KRAA) operates both hatcheries: the Kitoi Bay Hatchery on the southeast side of Afognak Island, and Pillar Creek Hatchery (Figure 2). The Kitoi Bay Hatchery primarily produces pink salmon but also cultures sockeye, chum, and coho salmon (Aro 2012). KRAA outstocks (placing juvenile salmon in sites other than the hatchery) some juvenile coho and sockeye salmon fry from the Kitoi Bay Hatchery, but the majority of hatchery returns are to be harvested in either the common property or cost-recovery fisheries, or to be used as broodstock. Pillar Creek Hatchery is located north of the City of Kodiak, near Pillar Creek, which drains into Monashka Bay and is used primarily as an incubation facility for sockeye salmon outstocking projects. Chinook salmon are also reared at the Pillar Creek Hatchery for outstocking (Byrne and Seale 2012).

The Kodiak Regional Planning Team (KRPT), a group consisting of representatives from the Alaska Department of Fish and Game (ADF&G), KRAA, and the public, is mandated by law (AS 16.10.375-470) to develop and periodically update comprehensive plans for salmon production in the KMA. KRPT identified sockeye salmon as the priority species for supplemental production (KRPT 1992). The priority status given to sockeye salmon production resulted in remote egg takes, hatchery incubation, and juvenile outstocking by KRAA to enhance harvests, develop broodstocks, and restore depleted runs (Honnold and Schrof 2001). Current enhancement efforts include “put-and-take” projects that involve placement of juvenile salmon at nursery sites where they will return as harvestable adults to systems with no spawning habitat or impassable stream access to spawning habitat.

KRPT summarized its production goals in an update to the Kodiak Regional Comprehensive Management Plan (KRPT 2011). The long-term goal of the plan is to increase the annual harvest of salmon (over and above KMA wild salmon harvest) by an additional 6,000 Chinook, 2,500,000 sockeye, 600,000 coho, 15,000,000 pink, and 1,500,000 chum salmon. The recent ten-year (2002–2011) average supplemental production has included an undetermined number of

Chinook salmon and an estimated 324,108 sockeye, 49,791 coho, 3,036,579 pink, and 222,276 chum salmon (Table 2).

In 2012, sockeye salmon were outstocked at Spiridon, Hidden, Crescent, Ruth, Big Waterfall, and Little Waterfall lakes to produce harvest opportunities in terminal fisheries near the outlets of these systems. Sockeye salmon were also outstocked in 2012 in Little Kitoi Lake for broodstock development. Coho salmon were outstocked into Crescent Lake near the community of Port Lions, Katmai Lake on Spruce Island near the community of Ouzinkie, and Jennifer and Ruth lakes on Afognak Island to provide subsistence and commercial harvest opportunities (Byrne and Seale 2012; Aro 2012).

ESCAPEMENT GOALS AND MONITORING

ESCAPEMENT GOALS

In 2010, ADF&G staff reviewed previously established escapement goals within the KMA for each system and salmon species and recommended that several goals be modified or eliminated (Nemeth et al. 2010). The directors of the Division of Commercial Fisheries (CF) and the Division of Sport Fish (SF) accepted these recommended changes to the escapement goals. In 2012, the KMA commercial salmon fisheries were managed to achieve escapement levels that were within the established ranges or, in some cases, which exceeded lower-bound escapement goals. Established goals in the KMA include 2 for Chinook salmon, 14 for sockeye salmon, 4 for coho salmon, and 2 each for pink and chum salmon (Table 3). A comparison of 2012 salmon peak escapements and escapement goals of index streams are outlined in Table 3.

ESCAPEMENT MONITORING

In 2012, weirs were operated on the major systems of the KMA (Table 4; Figure 2; Fuerst 2013). The four largest systems with weirs are Karluk River (at Karluk Lagoon), Ayakulik River (at the outlet), South Olga Lakes (at the outlet of South Olga Creek at Upper Station), and Dog Salmon River. Four smaller systems with weirs are Afognak Lake (at Litnik), Saltery Lake, Pasagshak River, and Buskin River (at Buskin Lake and also Lake Louise). On the Dog Salmon River, a fish pass is also operated upstream near the outlet of Frazer Lake. To avoid counting fish twice when summing escapement totals (Table 4), the Dog Salmon weir counts are considered the total escapement for all species in this system, except sockeye salmon. In some years, an appreciable number of sockeye salmon that pass the Dog Salmon weir do not ascend the fish pass to Frazer Lake. Sockeye salmon that do not ascend the fish pass to Frazer Lake are not likely to reproduce; therefore, the cumulative sockeye salmon count through the fish pass is considered the spawning escapement for the drainage.

The majority of sockeye salmon and most Chinook salmon ascending rivers in the KMA were counted through weirs (Tables 3–5; Fuerst 2013). The availability of these data allowed for inseason stock-specific management. The remaining KMA sockeye salmon systems were monitored by aerial observation using small fixed-wing aircraft.

Most pink, chum, and coho salmon escapement estimates were collected from fixed-wing aircraft surveys of bays and streams. Coverage of coho salmon systems was often incomplete due to poor weather conditions for conducting surveys and limited budgets. Foot surveys were also conducted on a few streams, primarily along the Kodiak road system. Aerial and foot survey

counts were considered an index of the actual escapement for use in season to aid fishery management.

Peak indexed escapements were calculated postseason for all systems surveyed and, together with weir escapement data, were used to estimate an areawide escapement (Table 5). Peak indexed escapement for sockeye, chum, and coho salmon were defined as the highest daily aerial or foot survey count for each system for each year. For pink salmon, peak indexed escapement of each stream surveyed was estimated as the larger of either the highest daily survey count or the sum of two counts that were 30 or more days apart. This was done to compensate for the shorter stream life and more varied spawning dates of pink salmon. For Chinook salmon, peak indexed escapements were defined as the cumulative weir counts minus an estimate of upriver sport fishery harvest. Indexed peak salmon escapement estimates by species and district are listed in Appendix M1. Peak escapement estimates by species for individual streams are published in a separate escapement report (Fuerst 2013).

STOCK STATUS

Chinook Salmon

There has been concern regarding the low returns of Chinook salmon escapement in the Karluk and Ayakulik rivers in recent years. In an attempt to increase escapement, regulation 5 AAC 18.395 provides ADF&G emergency order (EO) authority to prohibit retention of Chinook salmon 28 inches or greater in length by seine gear during fisheries in the Inner Karluk, Outer Karluk, Inner Ayakulik, and Outer Ayakulik sections and that portion of the Central Section south of the latitude of Cape Kuliuk when weir counts indicate inadequate escapement.

In 2012, a weak Chinook salmon run was expected to return to the Karluk River. In response, ADF&G implemented non-retention of Chinook salmon harvested by seine gear in that portion of the Central Section south of Cape Kuliuk and the Southwest Kodiak District during all fishing periods in June and early July. By July 13 it became apparent that both Karluk and Ayakulik rivers' Chinook salmon escapement goals would be achieved, allowing the retention of Chinook salmon within the seine fleet after that date.

The Karluk River Chinook salmon season total weir count of 3,197 fish (Table 4; Fuerst 2013) was within the escapement goal range of 3,000–6,000 fish (Table 3; Nemeth et al. 2010). An inriver sport fishery was allowed on the Karluk River in 2012, but fishermen were prohibited from retaining Chinook salmon. Because of this, the estimated total escapement was the same as the weir count. This was only the second year since 2006 in which the Chinook salmon escapement goal was achieved.

In 2012, a total of 4,760 Chinook salmon were counted through the Ayakulik River weir (Table 4; Fuerst 2013). The sport fishery harvest of 204 Chinook salmon (T. Polum, fishery biologist, ADF&G, Kodiak, personal communication) upstream of the weir resulted in an escapement of 4,556 fish, which was within the escapement goal range of 4,000–7,000 fish (Table 3; Nemeth et al. 2010).

Dog Salmon Creek has a run of Chinook salmon originally introduced in 1970. A total of 152 were counted through the Dog Salmon weir in 2012 (Table 4; Fuerst 2013). There is no escapement goal established for this system, but the average total season cumulative weir count in the previous decade (2002–2011) was 333 fish (Fuerst 2013). No sport fishery is allowed for

Chinook salmon on Dog Salmon River, so the escapement is considered to be the total season cumulative weir count.

Sockeye Salmon

Sockeye salmon counted through weirs accounted for about 98% (1,236,832 fish) of all documented sockeye salmon escapements in 2012. Additional escapements of 65,961 sockeye salmon were estimated by aerial and foot surveys in other systems such as Malina Creek, Ocean Beach, Kafia Lake, Uganik Lake, Little River Lake, Thorshiem Lake, Pauls Lake, and Swikshak Lagoon (Fuerst 2013). Sockeye salmon escapements generally met escapement goals with the exception of Uganik (Table 3).

Coho Salmon

Estimating coho salmon escapements to the KMA streams is difficult because of survey conditions and cost. Coho salmon often do not migrate into streams until late fall. Typically during this time, heavy rains will cause reduced water clarity, which creates difficult survey conditions. Late-season escapement surveys are also limited by aerial survey budget constraints. Coho salmon escapement goals were reevaluated in 2010 (Nemeth et al. 2010). Information adequate to establish escapement goals was only available for the American, Pasagshak, Buskin, and Olds rivers (Table 3). Escapements were estimated using a weir on the Buskin river and foot surveys on the American, Olds, and Pasagshak rivers. In 2012, coho salmon escapement goals were achieved in the Buskin and American rivers but not in the Olds or Pasagshak rivers (Table 3).

With the exception of the Buskin River, all salmon weirs were removed before the peak of the coho salmon run due to high water conditions and budget constraints.

Pink Salmon

The majority of pink salmon streams were monitored by aerial surveys, although approximately 39% of the 2012 KMA pink salmon escapement was counted through salmon weirs (Tables 4 and 5). The 2012 pink salmon escapement of 5,111,049 fish in the Kodiak Island Archipelago was within the escapement goal range of 3,000,000–7,000,000 fish (Table 3; Nemeth et al. 2010). The Mainland District pink salmon escapement of 413,325 fish was within the escapement goal range of 250,000–1,000,000 fish (Table 3; Nemeth et al. 2010). District-wide peak escapements are shown in Appendix M1.

Chum Salmon

In 2010, ADF&G's salmon management and research staff changed the aggregated chum salmon escapement goals that were developed in 2007, to separate lower-bound sustainable escapement goals (SEGs) for the Kodiak Archipelago and the Mainland District. The majority of the 2012 chum salmon escapement was estimated from aerial surveys, with less than 1% counted through weirs (Tables 4 and 5). Estimating chum salmon escapements using aerial observations is more difficult than estimating escapements of other species of salmon. Chum salmon migrate into small sloughs and side creeks as well as into major river systems, and also may occupy more turbid systems, making observations difficult. Limited aerial surveys were conducted on several major KMA chum salmon systems along Kodiak Island's west side and in the Mainland District due to the remoteness of these systems. Pink salmon, usually in greater numbers, are often present in chum salmon systems and make counting the less numerous chum salmon difficult or

impossible. Because of this, estimates based on aerial surveys are considered minimum estimates of actual escapement.

The 2012 chum salmon escapement in the Mainland District was 144,100 fish, above the minimum goal of 104,000 fish (Table 3; Nemeth et al. 2010). The chum salmon escapement for the Kodiak Archipelago of 197,234 fish exceeded the minimum goal of 151,000 fish (Table 3; Nemeth et al. 2010).

COMMERCIAL SALMON FISHING

BACKGROUND

Commercial salmon harvest records for the KMA date back to 1882 (Table 6; Roppel 1986). In 1974, a limited-entry system was adopted by the State of Alaska that restricted the number of individuals allowed to participate in the commercial salmon fisheries (Rickey et al. 1975). In 2012, there were 595 commercial salmon fishing permits available in the KMA, of which 336 were fished (Table 7; Commercial Fisheries Entry Commission [CFEC] 2012). This was above the recent 10-year average (2002–2011) of 295 permits fished annually.

Inseason management of the KMA commercial salmon fishery is structured around seven districts that are subdivided into 56 sections (Appendices A1–A8). These sections are occasionally subdivided further during the season to adjust fishing effort in response to unexpected salmon surpluses or deficits. Each section defines a traditional geographic harvest area managed for specific stocks or traditional fishing patterns. Divisions of sections, groups of sections or districts that are opened or closed together, are referred to as management units. The Board of Fisheries (BOF) has also designated five Special Harvest Areas (SHAs; 5 AAC 40.085) and one Terminal Harvest Area (THA; 5 AAC 18.378) within the KMA to provide harvest opportunity of enhanced salmon runs (Jackson and Dinnocenzo 2012).

GEAR TYPES

In the KMA, there are restrictions on the types of gear that can be used in specific management units based on historical gear use patterns (5 AAC 18.330). The majority of the KMA is open to seine gear only. Both purse and beach seine gear are allowed to operate in the entire management area. Prior to statehood the Alitak Bay, Moser Bay, and Olga Bay sections of the Alitak District, were designated as set gillnet only areas. In 1970, this regulation was amended such that the Moser Bay and Olga Bay sections remained set gillnet fisheries only through September 4, after which seine gear is legal in the entire Alitak District (5 AAC 18.330(d)(2)).

Set gillnet and seine gear are allowed in the Central Section of the Northwest Kodiak District, making this the only section where all gear types may operate simultaneously (5 AAC 18.330(b)).

BOARD OF FISHERIES—APPROVED REGULATORY MANAGEMENT PLANS

To regulate Kodiak commercial salmon fisheries, ADF&G staff are guided by ten KMA salmon management plans (MPs) that describe biological and allocative constraints and were adopted into regulation by the BOF (5 AAC 18.360–369; Table 8). These plans reflect traditional fishing opportunities and the subsequent harvest allocations that have resulted between and within gear types participating in specific fisheries, and they were all in effect during the 2012 season. These plans are the *Alitak District Salmon MP* (Appendix D), *Westside Kodiak Salmon MP*

(Appendix E), *Eastside Afognak MP* (Appendix G), *Eastside Kodiak Salmon MP* (Appendix I), *Mainland District Salmon MP* (Appendix K), and *North Afognak/Shuyak Island Salmon MP* (Appendix J). The *Cape Igvak Salmon* (Appendix C) and *North Shelikof Strait Sockeye Salmon* (Appendix F) *MPs* affect Kodiak purse seine permit holders' opportunity to target salmon migrating through the KMA to spawning systems in the Chignik and Cook Inlet management areas. The *Crescent Lake Coho Salmon MP* and *Spiridon Bay Sockeye Salmon MP* (Appendix H) provide for full utilization of enhanced stocks while protecting local natural stocks.

RECENT REGULATION CHANGES

The BOF reviews the salmon fishery regulations every three years. The most recent review, in January of 2011, resulted in the following two notable changes:

1. Provision 5 AAC 18.331(j), which allowed a permit holder who owns two Kodiak set gillnet permits to operate them both simultaneously, was allowed to sunset on December 31, 2010 and is no longer in effect. Set gillnet permit holders may only operate one gillnet permit.
2. 5 AAC 18.395 (b) was adopted directing ADF&G to prohibit the retention of Chinook salmon 28 inches or greater in length by seine gear between the latitudes of Cape Kuliuk (in the Central Section of the Northwest Kodiak District) to Low Cape (the southern boundary of the Inner Ayakulik Section and the Southwest Kodiak District) if, at any time before July 30, ADF&G projects that the Karluk River Chinook salmon escapement goal will not be met.

In addition, minor changes were made to boundary lines of management units and closed waters. Precise language describing the details is available in the published regulations (ADF&G 2011).

SALMON FORECASTS

ADF&G forecasts salmon runs to inform industry and management staff of the likely magnitude of salmon returns. In addition, the length of the initial fishing periods for pink salmon are determined pre-season based on the magnitude of the pink salmon forecast (Jackson and Dinnocenzo 2012). Chinook, coho, pink, and chum salmon harvests are projected by broad geographic area, whereas forecasts are made for major individual sockeye salmon stocks. Projected harvests are summarized by fishery and geographic area (Table 9; Eggers and Carroll 2012).

The 2012 commercial Chinook salmon projected harvest was 20,000 fish (Table 9). The sockeye salmon harvest was forecasted to be 2,721,637 fish (Table 9). This projection included formal forecasts for the major sockeye salmon systems of Karluk, Ayakulik, Upper Station, and Dog Salmon (Alitak District), plus projected harvests from minor sockeye salmon systems, supplemental production (from enhancement projects), the Cape Igvak Section, and other miscellaneous systems. The 2012 projected KMA harvest also included 323,995 coho, 13,157,436 pink, and 889,384 chum salmon (Table 9). These projections included expected supplemental production of salmon from Kitoi Bay hatchery and the Spiridon Bay enhancement projects.

2012 HARVEST STRATEGY

Seasonal Abundance and Management Consideration

Fluctuations in the abundance of each species of salmon within the KMA follow a general chronology (Figure 3). Generally, early-run sockeye and Chinook salmon are present throughout

June to mid-July, and late-run sockeye salmon are present from mid-July through September. Pink and chum salmon are present from July through August. Coho salmon are generally present from August through October. Commercial salmon fisheries are structured around the seasonal abundance of specific salmon species.

The 2012 Kodiak Area Commercial Salmon Fishery Harvest Strategy, published in April 2012, outlined the approaching fishing season (Jackson and Dinnocenzo 2012). This document contained a synopsis of the expected chronology of the 2012 commercial salmon fisheries by species, expected escapements and harvests, an overview of pertinent regulations, and a summary of the MPs that guide management throughout the season.

Inseason management actions follow a generalized plan described in a harvest strategy issued annually. This strategy details a specific chronology of management actions related to salmon run timing by species. Sockeye salmon are the primary target species on which fishing periods are scheduled from June through early July. However, some early-run chum salmon stocks may influence management in localized areas. Pink salmon are the primary species managed from early July through mid-August, with some areas managed specifically for local sockeye salmon or chum salmon stocks. Late-run sockeye, coho, and late-run chum salmon are the primary targeted species from mid-August through early September. Coho salmon are the primary species managed after early September.

Anticipated Commercial Fishery Openings

Based primarily on the forecast of a weak early sockeye salmon run to Karluk River, the 2012 harvest strategy listed June 9 as the initial opening date of the early-run sockeye salmon fishery (Figure 3; Jackson and Dinnocenzo 2012). The areas expected to be opened included the Central and North Cape sections of the Northwest Kodiak District. Results of the initial opening would be used to evaluate the actual run strength of the Karluk and Ayakulik early-run sockeye salmon stocks. The Foul Bay and Waterfall Bay SHAs, the Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, and Izhut Bay sections were scheduled to open to continuous fishing on June 1. The Alitak District was scheduled to open on June 9 if the run strength of early-run sockeye salmon passing Dog Salmon and Upper Station weirs was as strong as expected. The initial opening would be for 33 hours with no extensions. The first fishing period in the Cape Igvak Section could occur as early as June 1, if the Chignik Lake sockeye salmon early run was as strong as expected and run timing was normal.

An initial 33-hour opening was scheduled to start June 9 in the Anton Larsen, Sharatin Bay, Kizhuyak Bay, Terror Bay, Inner Uganik Bay, Spiridon Bay, Zachar Bay, and Uyak Bay sections of the Northwest Kodiak District to test run strength of the local chum and sockeye salmon returns. A second fishing period was scheduled for June 14, but it was to be concurrent with open fishing periods in the Central and North Cape sections. Additionally, more areas could be opened during the second period if sockeye salmon escapements to local minor systems were of sufficient strength. After June 10, additional fishing time in Westside fisheries was based solely on the strength of the sockeye salmon runs, as determined by escapements.

Initial fishing periods in the Inner and Outer Ayakulik sections of the Southwest Kodiak District were solely dependent on sockeye salmon escapement into Ayakulik River. The preseason forecast (Eggers and Carroll 2012) projected a harvestable surplus which could be utilized during openings throughout the sockeye salmon run. Initial periods in the Southeast Afognak Section of

the Afognak District were solely dependent on the sockeye salmon escapement into Afognak River.

Additional 33-hour fishing periods were scheduled for June 14 and 21 for select systems with minor sockeye salmon returns. These included the Eastside Kodiak District, the Northwest Afognak Section of the Afognak District, and the Big River and Outer Kukak Bay sections of the Mainland District. These periods were intended to target sockeye salmon runs to Saltery, Ocean Beach, Thorsheim, Long Lagoon, Swikshak, and Kafia Lake systems.

The initial fishing period targeting pink salmon was scheduled to begin July 6, and subsequent weekly fishing periods were projected for July and August (Jackson and Dinnocenzo 2012). Based on the forecasted pink salmon run strength, the initial general pink salmon opening was set at 57 hours in length, with the two subsequent fishing periods following in July set at 81 hours per week. Adjustments in fishing time in late July and August in most areas were predicated on the strength of local pink and chum salmon runs and in September on the strength of coho salmon runs.

2012 COMMERCIAL SALMON FISHERY SUMMARY

The 2012 Kodiak commercial salmon fishery began on June 9 with a 33-hour opening in the Northwest Kodiak District and Alitak District and an indefinite period in terminal fisheries at Foul and Waterfall bays and in the Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay sections (Appendix B1 and B2). The Chignik sockeye salmon run was strong; therefore, a total of 7 days of fishing time was allowed in the Cape Igvak Section in June. The two 33-hour openings scheduled for June 14 and 21 in the Eastside Kodiak District and the Outer Kukak and Big River sections of the Mainland District occurred as scheduled. The initial 57-hour fishing period in the Outer Karluk Section was allowed on June 16 and was open continuously until July 16. A 57-hour fishing period in the Outer Ayakulik and Halibut Bay sections was allowed to harvest Ayakulik River sockeye salmon starting June 22.

The pink salmon fishery started as scheduled with a 57-hour weekly fishing period on July 6. Because the Chignik-bound sockeye salmon late run was as expected, the Cape Igvak fishery was allowed for 7 additional days before the end of the allocation period on July 25.

Beyond the anticipated fishery openings in the harvest strategy, additional fishing opportunities were provided by EO to facilitate harvest of salmon determined to be in excess of escapement needs based on inseason analysis of abundance. A narrative of the management actions is detailed separately for each plan in Appendices C through K.

In 2012, the KMA commercial salmon harvest occurred over a 103-day period, with the last reported landing occurring on September 21 (Figure 3). A total of 11 shore-based plants processed salmon from the 2012 KMA fishery (Table 10).

PERMIT HOLDER PARTICIPATION

A total of 336 KMA commercial salmon fishing permit holders reported harvests in the common property fishery in 2012. This was 3 fewer permits than during the 2011 season and above the recent 10-year average (2002–2011) of 295 permits (Table 7). Purse seine participation during the 2012 season (168 permits) was 8 permits less than the 2011 season (175 permits) and above the previous 10-year average of 145 permits. Four beach seine permit holders were active during the 2012 season. Set gillnet participation in the 2012 KMA commercial salmon fishing season, as

portrayed in the harvest database, was 164 permits, seven more than the 2011 season and above the recent 10-year average (2002–2011) of 149 permits (Table 7).

Set gillnet permit participation statistics from 2008 through 2010 are not comparable to either 2011 or 2012 and for years prior to 2008 because from 2008–2010, individual set gillnet permit holders were allowed to own 2 permits and operate 2 sets of gear. During the years in which this regulation (5 AAC 18.331 (j)) was in effect, ADF&G could not collect accurate effort statistics from the fish ticket data in the KMA set gillnet fishery because fish tickets did not document the number of dual permit holders fishing both sets of gear.

HARVEST

A total of 20,195,365 salmon were harvested in the 2012 KMA commercial fisheries (common property and cost recovery combined), which was below the recent 10-year (2002–2011) average of 23,883,182 salmon (Table 6).

Purse seine permit holders caught 86.0% (16,362,064) of the total number of salmon harvested, which included 13,659 Chinook, 1,610,345 sockeye, 160,044 coho, 13,808,662 pink, and 769,354 chum salmon in the common property fishery (Table 11). Set gillnet permit holders caught 14.0% (2,655,062) of the salmon harvested, which included 1,126 Chinook, 588,962 sockeye, 44,151 coho, 1,926,045 pink, and 94,778 chum salmon in the common property fishery (Table 11). Beach seine permit holders caught 0.1% (15,283) of the salmon harvested, which included zero Chinook, 6,687 sockeye, one coho, 8,542 pink, and 52 chum salmon (Table 11).

CHINOOK SALMON

The Chinook salmon harvest of 14,785 fish was below the 2002–2011 average of 17,601 fish (Table 6) and below the projected harvest of 20,000 fish (Table 9). The average weight of Chinook salmon was 7.37 pounds (Table 11). The harvest of Chinook salmon was evenly distributed across districts within the KMA (except the Alitak Bay and Northeast Kodiak districts). The harvest of Chinook salmon ranged from 3,758 fish in the Afognak District to 13 fish in the Northeast Kodiak District.

SOCKEYE SALMON

The sockeye salmon harvest of 2,232,441 fish (Table 6) was below the forecast of 2,721,637 fish (Table 9) and below the 2002–2011 average catch of 2,392,557 fish (Table 6). The average weight of sockeye salmon was 5.56 pounds (Table 11). Approximately 28% of the sockeye salmon harvest (624,355 fish) came from the Westside Kodiak fishery¹. The area near the Kitoi Bay Hatchery accounted for a harvest of 111,933 fish, although an unknown portion of these fish were probably not of hatchery origin. The Spiridon Lake enhancement project produced an estimated harvest of 171,344 sockeye salmon, of which 12% (21,038 fish) were harvested for cost recovery (Table 9).

COHO SALMON

The coho salmon harvest of 208,514 fish (Table 6) was below the forecast of 323,995 fish (Table 9) and also below the 2002–2011 average of 367,546 fish (Table 6). The average weight

¹ From the Southwest Afognak Section (251-10 &20) and the Northwest Kodiak District (except the Spiridon and Settler Cove Special Harvest Areas), Inner and Outer Karluk sections, plus 50% of the Halibut Bay Section from June 21 to July 15 and 100% after July 31, minus the estimated contribution bound for the Spiridon SHA.

of coho salmon was 6.99 pounds (Table 11). Westside fisheries caught approximately 106,784 coho salmon, above the forecast of 71,733 fish (Table 9). The Eastside/North end Kodiak coho salmon harvest² of 24,735 fish was below the forecast of 45,904 fish (Table 9). The Afognak non-hatchery harvest of 23,977 coho salmon was above the forecast of 21,426 fish (Table 9). The coho salmon harvest attributed to the Kitoi Bay Hatchery was 48,353 fish, which was below the hatchery forecast of 160,000 fish (Table 9).

PINK SALMON

The pink salmon harvest of 16,873,244 fish (Table 6) was above the forecasted harvest of 13,157,436 fish (Table 9) and below the most recent five even-year (2002–2010) average of 17,823,051 fish (Table 6). The average pink salmon weight of 3.59 pounds (Table 11) was similar to the 2010 average weight of 3.57 pounds. The non-hatchery (wild stock) pink salmon harvest of 13,905,174 fish was above the harvest projection of 9,461,833 fish. The Westside Kodiak fisheries accounted for more than 48% of the total KMA pink salmon harvest (8,151,157 fish), which was greater than the forecast of 5,566,853 fish (Table 9). All wild-stock pink salmon harvest exceeded the projected harvest, except within the Mainland District. The fishery associated with the Kitoi Bay Hatchery accounted for 2,968,070 pink salmon, which was below the forecast of 3,695,603 fish (Table 9). Kitoi Bay Hatchery cost recovery fishery accounted for 38% or 1,642,173 of those fish. Additional hatchery-bound pink salmon were probably harvested along the west side and east side of Kodiak and Afognak islands. However, ADF&G does not have a stock separation program for pink salmon and is unable to differentiate stocks.

CHUM SALMON

The chum salmon harvest of 866,381 fish (Table 6) was slightly below the forecast of 889,384 fish (Table 9) and slightly above the 2002–2011 average of 863,392 fish (Table 6). The average weight of the chum salmon harvested in 2012 was 7.88 pounds (Table 11). Westside Kodiak fisheries harvested 280,018 chum salmon, which was above the forecast of 178,493 fish (Table 9), and the Eastside/North end Kodiak fishery harvest total of 222,912 chum salmon was similar to the forecast of 246,582 fish. The Mainland District harvest total of 71,492 chum salmon was also below the forecast of 135,108 fish (Table 9). The chum salmon harvest attributed to the Kitoi Bay Hatchery of 218,740 fish was slightly below the forecast of 241,000 fish (Table 9).

EXVESSEL VALUE

The estimated total exvessel value of the 2012 fishery was \$44,988,487 (Table 11), which was well above the 2002–2011 average exvessel value of \$25,094,427 (Table 12) and the highest since 1995. This exvessel value was based on inseason price estimates and does not reflect additional payments made to fishermen for dock deliveries, refrigerated or iced fish, or postseason adjustments. The average price per pound, by gear and species, can be found in Table 11.

Purse seine permit holders' gross earnings averaged \$219,164 in 2012 (2002–2011 average \$134,784; Table 12). Gillnet permit holders' gross earnings averaged \$52,084 (2002–2011

² From the Eastside Kodiak District (all 258s and 259-40 to 259-42), Northeast Kodiak District (259-21 to 259-25), and the North Cape, Anton Larsen, Sharatin, and Kizhuyak sections, plus part of the Central Section (259-35–259-39).

average \$35,044; Table 12). Beach seine permit holders' gross earnings averaged \$16,367 (2002-2011 average \$2,437; Table 12).

COST RECOVERY

KRAA has conducted a cost-recovery program to pay for operational costs at the Kitoi Bay Hatchery from 1987 through 1989 and 2003 through 2011. In 2012, KRAA conducted two cost-recovery programs in the KMA (Aro 2012; Byrne and Seale 2012). A cost-recovery harvest occurred August 3 through August 13 within the Inner Kitoi Bay Section and included 5,409 sockeye, 4,317 coho, 1,129,843 pink, and 2,181 chum salmon. A cost-recovery program in Spiridon Bay SHA (in Telrod Cove) was also conducted to cover the cost of running the enhancement program in Spiridon Lake. From June 24 through July 3, 21,038 sockeye, 152 pink, and 16 chum salmon were harvested in this program. The entire cost-recovery harvest supporting KRAA programs in the KMA in 2012 included 26,447 sockeye, 4,317 coho, 1,129,995 pink, and 2,197 chum salmon.

NONCOMMERCIAL SALMON HARVESTS

SUBSISTENCE SALMON FISHERY

Subsistence salmon permits are available to Alaska residents and are issued annually to obtain harvest data. Since 1989, Kodiak staff has mailed out permits, regulations, and a map showing closed-water areas to all permit holders who returned their harvest report from the previous year. Subsistence fishermen are required to return their permits to ADF&G after the salmon season, listing areas fished by date and salmon harvest by species. With few restrictions, the entire KMA was open to subsistence salmon fishing in recent years. Only the freshwater systems of Afognak Island (which are relatively small, easily accessible, and at risk of overexploitation) and some areas near heavily exploited salmon systems were closed to subsistence salmon fishing by regulation (5 AAC 01.525).

From 2002 through 2007, varying measures to restrict the subsistence fishery were necessary to conserve Afognak Lake sockeye salmon for escapement. In 2008 and 2009, the Afognak Lake sockeye salmon run was sufficient to allow subsistence harvest without increasing closed waters or shortening fishing time, although commercial fishing within the vicinity was not allowed. The 2012 Afognak Lake sockeye salmon run was strong and closed waters were reduced on June 10 to allow for more effective subsistence and commercial harvests and prevent over-escapement of sockeye salmon into Afognak Lake. In 2012, Chinook salmon runs to the Karluk and Ayakulik rivers did not require inseason restrictions to the subsistence fishery.

In 2012, 2,120 permit holders returned subsistence permits and reported a harvest of 28,159 salmon, including 54 Chinook, 23,865 sockeye, 2,920 coho, 1,154 pink, and 166 chum salmon (Table 13). Historically, the most utilized subsistence fishery areas are the north end of Kodiak Island, the Buskin and Pasagshak rivers, and the southeast side of Afognak Island at Litnik. Reported subsistence salmon harvests averaged 34,874 fish annually for the 10-year period 2002–2011 (Table 13). Sockeye salmon have accounted for 79% of the recent 10-year average harvest (27,407 fish), followed by coho salmon at 15% (5,245 fish), pink salmon at 5% (1,591 fish), and both Chinook salmon (301 fish) and chum salmon (330 fish) at about 1% (Table 13).

RETENTION OF SALMON TAKEN IN COMMERCIAL FISHERIES

In 1994, the BOF readopted regulation 5 AAC 39.010, which allowed commercial fishermen to retain legally harvested salmon for their own use. In the KMA, commercial fishermen are required to report the number of salmon taken but not sold on an ADF&G fish ticket at the time of landing (5 AAC 18.355(b)). In 1997, 10 permit holders reported 784 salmon retained for their own use (Table 14). This use increased dramatically in 2003, when 36 permit holders retained 24,985 salmon (Table 14). Many salmon were “custom processed” at local processors, normally as vacuum-packed, frozen fillets. It was reported that these salmon were destined for sale as part of direct marketing efforts.

Because of the significant increase of retained salmon and the likelihood that some of these salmon were being sold illegally, in December of 2003 the BOF rewrote the original regulation (5 AAC 18.355(b)) to clarify the intent and to reiterate the unlawful practice of selling commercially retained salmon without appropriate permits. The BOF also placed the regulation under *General Provisions* (5 AAC 39.010), which reads, “*A person engaged in commercial fishing may retain finfish from lawfully taken commercial catch for that person’s own use, including, for the use as bait in a commercial fishery. Finfish retained under this section may not be sold or bartered.*”

In 2012, 58 permit holders reported retaining 7,726 salmon from their commercial harvest for “home pack” or personal use. This included 195 Chinook, 4,116 sockeye, 1,971 coho, 1,413 pink, and 31 chum salmon (Table 14).

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TABLES AND FIGURES

Table 1.—Estimated number of streams with documented salmon production by district, and species, in the Kodiak Management Area.

Management District	Number of Streams ^a	Number of Streams with each Species ^b				
		Chinook	Sockeye	Coho	Pink	Chum
Afognak	97	0	24	88	97	16
Northwest Kodiak	69	1	6	36	69	29
Southwest Kodiak	11	2	3	6	11	6
Alitak	31	1	8	16	31	22
Eastside Kodiak	104	1	9	39	104	57
Northeast Kodiak	29	2	4	29	25	14
Mainland	101	0	7	21	101	70
TOTAL	442	7	61	235	438	214

^a The State of Alaska's Division of Sport Fish identifies over 900 streams in the Kodiak Management Area that have documented use by anadromous fish (Johnson and Blanche 2012). Many of these streams are very small and may only be used by pink salmon in years with very large returns.

^b These estimates are based on current knowledge and are expected to change as more system-specific data are collected.

Table 2.—Estimated commercial harvest of salmon from Kodiak Regional Aquaculture Association projects in the Kodiak Management Area, 1994–2012.

Year	Number of Salmon				Total
	Sockeye	Coho	Pink	Chum	
1994	277,884	46,984	2,051,375	10,799	2,387,042
1995	186,371	42,235	4,519,885	215,351	4,963,842
1996	487,900	57,200	979,143	14,189	1,538,432
1997	248,336	110,334	1,213,615	11,029	1,583,314
1998	315,109	148,333	6,272,029	38,118	6,773,589
1999	582,218	116,513	4,057,093	140,896	4,896,720
2000	287,387	133,238	3,659,698	303,783	4,384,106
2001	244,761	151,732	13,126,761	216,266	13,739,520
2002	565,422	209,259	6,696,774	88,724	7,560,179
2003	796,359	144,389	5,533,522	466,205	6,940,475
2004	266,150	128,291	3,962,421	239,610	4,596,472
2005	206,860	151,729	13,603,742	91,814	14,054,145
2006	113,869	168,205	4,158,109	177,548	4,617,731
2007	207,309	125,781	7,884,867	210,699	8,428,656
2008	316,197	120,366	2,118,392	93,025	2,647,980
2009	248,339	154,473	9,080,346	94,905	9,578,063
2010	311,323	116,036	3,241,345	191,277	3,859,981
2011	491,670	70,335	2,174,871	320,532	3,057,408
2012	324,108	49,791	3,036,579	222,276	3,632,754
<u>Average</u>					
2002–2011	352,350	138,886	5,845,439	197,434	6,534,109

Source: ADF&G fish ticket summaries.

Note: Includes harvest from the Kitoi Bay Hatchery (Izhut Bay, Duck Bay, and Kitoi Bay sections [statistical areas 252-30 to 252-32 and 252-35]). SHA harvests are from the returns to the Spiridon Lake project (in the Spiridon SHA, 254-50, and adjacent sections), the Foul Bay SHA (251-41), the Waterfall Bay SHA (251-84), and the Settler Cove SHA (259-35). Includes fish not sold and set aside for personal use by commercial fishermen and cost-recovery harvests.

Table 3.—Comparison of 2012 salmon peak escapements and escapement goals of index streams or districts, by species, in the Kodiak Management Area.

<i>Species</i>	Stream	Escapement Goal		Escapement
System (or group of systems)	Number	Lower	Upper	Estimate ^a
<i>Chinook</i>				
Karluk ^b	255-101	3,000	6,000	3,197
Ayakulik ^b	256-201	4,000	7,000	4,556
<i>Sockeye</i>				
Malina	251-105	1,000	10,000	4,100
Afognak	252-342	20,000	50,000	41,553
Little River	253-115	3,000		6,300
Uganik	253-122	24,000		22,200
Karluk	255-101			
Early run		110,000	250,000	186,810
Late run		170,000	380,000	315,880
Ayakulik	256-201			
Early run		140,000	280,000	213,501
Late run		60,000	120,000	114,753
Upper Station	257-304			
Early run ^c		25,000	93,000	25,487
Late run		120,000	265,000	149,325
Frazer	257-403	75,000	170,000	148,884
Buskin	259-211	5,000	8,000	8,565
Pasagshak	259-411	3,000		4,585
Saltery	259-415	15,000	35,000	27,188
<i>Coho</i>				
Buskin	259-211	3,200	7,200	5,291
American	259-231	400		427
Olds (Sid Olds)	259-242	1,000		624
Pasagshak	259-411	1,200		0
<i>Pink</i>				
Mainland District		250,000	1,000,000	413,325
Kodiak Archipelago		3,000,000	7,000,000	5,111,049
<i>Chum</i>				
Mainland District		104,000		144,100
Kodiak Archipelago		151,000		197,234

^a Escapement estimates in this table are based on the best available information. Some estimates are weir counts. If weir counts are not available, either peak aerial or foot survey counts are depicted. In some cases (such as Malina, for example) the escapement estimate available is a minimal count based on limited information.

^b Escapement of Chinook salmon includes weir counts minus an estimate of sport fish harvest above the weir.

^c Upper Station early-run lower-bound escapement goal based on Optimum Escapement Goal of 25,000 fish.

Table 4.—Fish weir installation and removal dates and cumulative salmon weir counts for systems with weirs in the Kodiak Management Area, 2012.

Weir Locations	2012 Dates		Salmon Species Enumerated ^a				
	Installed	Removed	Chinook	Sockeye	Coho	Pink	Chum
Karluk River	5/22	9/18	3,197	502,690	18,091	1,049,897	63
Ayakulik River	5/22	9/1	4,760	328,254	12,159	459,908	162
Dog Salmon Creek ^{bc}	5/23	8/18	152	154,416	127	398,687	1,634
Frazer Lake fish pass ^c	6/9	8/20	39	148,884	0	2	6
Upper Station River (Olga River)	5/22	9/13	0	174,812	4,029	4,630	7
Litnik (Afognak River)	5/23	8/24	1	41,553	5,701	111,928	5
Buskin River	5/21	9/30	0	8,565	5,291	81,234	38
Lake Louise ^d	7/12	9/20	0	301	0	0	0
Saltery River	6/21	8/9	0	27,188	1	19,639	15
Pasagshak River	6/10	8/15	0	4,585	0	25	122
Totals			8,110	1,236,832	45,399	2,125,948	2,046

^a Counts may include estimates of escapement after weirs were removed.

^b Because sockeye salmon that pass Dog Salmon weir and fail to get counted at Frazer Lake fish pass may not spawn, the Frazer Lake fish pass count is considered the best escapement estimate of sockeye salmon, and the Dog Salmon sockeye salmon count is omitted from the totals.

^c Salmon counted at the Frazer Lake fish pass were initially counted at the Dog Salmon weir, and all species except sockeye salmon are not included in totals.

^d All species of salmon, with the exception of sockeye salmon, were already counted at the lower Buskin River weir and are not included in totals.

Table 5.—Indexed salmon escapements by species in the Kodiak Management Area, 1979–2012.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1979	14,445	1,417,055	94,155	3,063,724	613,325	5,202,704
1980	5,853	1,816,487	27,300	6,401,258	829,070	9,079,968
1981	15,657	1,391,588	61,150	3,190,677	741,978	5,401,050
1982	10,929	1,604,026	86,497	5,370,249	1,023,923	8,095,624
1983	27,447	1,296,118	100,913	2,095,104	825,564	4,345,146
1984	14,411	1,470,230	119,811	4,519,966	604,441	6,728,859
1985	13,891	2,557,363	193,224	3,209,450	723,402	6,697,330
1986	11,025	2,020,773	160,505	3,926,175	688,705	6,807,183
1987	23,669	1,544,688	169,554	3,018,455	514,763	5,271,129
1988	35,015	1,666,319	92,652	3,773,072	614,332	6,181,390
1989 ^a	26,131	3,021,252	165,387	14,645,387	1,432,609	19,290,766
1990	25,996	1,978,885	163,717	6,074,372	474,618	8,717,588
1991	27,306	2,416,005	259,850	4,317,610	887,736	7,908,507
1992	19,013	1,947,247	287,746	3,512,074	530,128	6,296,208
1993	22,122	1,679,319	159,998	4,291,581	234,381	6,387,401
1994	21,591	1,985,432	201,033	3,637,615	521,691	6,367,362
1995	30,843	1,814,290	231,205	10,498,232	469,856	13,044,426
1996	21,089	1,803,929	193,074	3,349,738	394,784	5,762,614
1997	28,534	1,725,309	235,039	3,260,029	459,293	5,708,204
1998	24,652	1,769,131	234,734	7,088,985	374,381	9,491,883
1999	26,872	2,112,665	133,398	4,081,686	882,257	7,236,878
2000	31,362	1,742,208	136,423	4,508,174	888,592	7,306,759
2001	18,753	1,417,344	250,552	3,390,773	557,925	5,635,347
2002	20,115	1,604,130	171,471	8,399,602	530,591	10,725,909
2003	25,548	2,159,040	122,824	5,096,762	380,523	7,784,697
2004	32,939	1,730,489	71,456	8,786,518	533,091	11,154,493
2005	13,488	1,515,916	106,363	4,039,674	244,255	5,919,696
2006	7,467	984,658	64,954	5,842,942	787,549	7,687,570
2007	8,441	1,260,920	49,848	2,550,653	294,342	4,164,204
2008	3,916	931,517	66,200	3,174,124	223,907	4,399,664
2009	4,053	1,118,444	109,190	5,138,889	293,145	6,663,721
2010	8,569	1,095,458	108,081	3,644,133	300,285	5,156,526
2011	7,820	1,014,840	83,812	2,780,214	422,130	4,308,816
2012	8,110	1,302,793	119,672	5,524,374	341,334	7,296,283

-continued-

Table 5.—Page 2 of 2.

<u>Average—Previous 10 Years:</u>						
2002–2011	13,236	1,341,541	95,420	4,945,351	400,982	6,796,530
Odd Years Only				3,921,238		
Even Years Only				5,969,464		
<u>Average—Previous Decades:</u>						
1992–2001	24,483	1,799,687	206,320	4,761,889	531,329	7,323,708
1982–1991	21,582	1,957,566	151,211	5,094,984	779,009	8,004,352
<u>Average—Overall:</u>						
1979–2011	19,059	1,685,245	142,791	4,869,027	584,775	7,300,898

Note: Data include peak counts from aerial and foot surveys, plus end-of-season totals from weired systems, except upriver sport harvest of Chinook salmon, which is deducted from weir counts.

^a Commercial fisheries were severely restricted in 1989 due to the M/V Exxon Valdez oil spill. Despite this, 1989 data are included in applicable averages.

Table 6.—Commercial salmon harvest by species in the Kodiak Management Area, 1882–2012.

Year	Number of Salmon ^a					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1882	-	58,800	-	-	-	58,800
1883	-	188,706	-	-	-	188,706
1884	-	282,184	-	-	-	282,184
1885	-	468,580	-	-	-	468,580
1886	-	646,100	-	-	-	646,100
1887	-	1,004,500	-	-	-	1,004,500
1888	-	2,781,100	-	-	-	2,781,100
1889	-	3,754,735	-	-	-	3,754,735
1890	-	3,592,707	-	-	-	3,592,707
1891	-	3,846,388	-	-	-	3,846,388
1892	-	3,126,459	-	-	-	3,126,459
1893	-	3,244,609	-	-	-	3,244,609
1894	-	3,830,336	-	-	-	3,830,336
1895	-	2,246,966	8,321	-	-	2,255,287
1896	-	3,328,846	-	-	-	3,328,846
1897	-	2,785,515	1,500	-	-	2,787,015
1898	-	2,033,094	19,175	-	-	2,052,269
1899	1,104	1,934,771	32,475	-	-	1,968,350
1900	4,838	3,450,480	32,239	-	-	3,487,557
1901	3,838	4,826,159	-	2,015	-	4,832,012
1902	2,932	3,868,101	34,972	-	-	3,906,005
1903	1,187	1,826,163	119,541	10,000	-	1,956,891
1904	3,190	2,875,118	103,136	5,180	-	2,986,624
1905	2,496	2,142,367	86,913	-	-	2,231,776
1906	3,640	3,980,462	23,738	-	-	4,007,840
1907	4,015	4,232,454	38,059	-	-	4,274,528
1908	3,028	2,487,848	73,789	286,374	-	2,851,039
1909	3,907	1,915,230	51,500	153,595	-	2,124,232
1910	1,598	1,954,717	44,291	215,382	-	2,215,988
1911	689	2,685,949	21,870	229,551	6,492	2,944,551
1912	686	2,246,467	17,491	547,171	24,588	2,836,403
1913	1,082	1,663,163	27,634	590,039	3,822	2,285,740
1914	1,329	1,255,444	32,063	1,726,411	13,094	3,028,341
1915	939	1,664,426	51,819	252,073	20,331	1,989,588
1916	1,038	3,373,055	49,683	3,181,890	28,962	6,634,628
1917	1,457	3,645,914	30,485	225,335	15,961	3,919,152
1918	2,021	1,894,466	78,169	2,467,325	81,699	4,523,680
1919	1,831	1,619,101	104,233	282,715	60,102	2,067,982
1920	1,637	1,957,636	88,970	1,977,421	55,175	4,080,839
1921	660	2,857,922	45,764	67,688	24,779	2,996,813
1922	703	1,097,359	119,724	2,766,257	223,970	4,208,013
1923	1,915	1,090,117	77,554	928,510	38,653	2,136,749
1924	1,002	1,407,525	120,686	5,435,091	117,883	7,082,187
1925	1,911	1,693,057	92,960	267,367	212,492	4,674,095
1926	596	3,015,366	174,475	4,606,694	324,706	8,121,837
1927	4,358	1,155,202	151,548	5,297,305	417,956	7,026,369
1928	2,546	1,592,003	290,645	1,535,313	726,480	4,146,987
1929	3,200	712,126	144,226	6,108,402	1,057,662	8,025,616
1930	4,991	466,409	228,800	1,651,398	419,011	2,770,609

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Table 6.–Page 2 of 3.

Year	Number of Salmon ^a					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1931	1,541	1,183,074	170,075	6,839,906	183,737	8,378,333
1932	1,873	1,058,446	52,192	4,719,939	237,023	6,069,473
1933	1,140	1,428,373	91,428	6,573,660	536,935	8,631,536
1934	1,300	1,828,953	89,588	7,641,891	661,341	10,223,073
1935	1,393	1,613,519	76,849	10,780,612	381,753	12,854,126
1936	2,548	2,657,195	183,903	5,647,726	328,218	8,819,590
1937	1,257	1,881,304	164,902	16,787,150	346,238	19,180,851
1938	1,232	1,965,943	154,959	8,397,981	640,119	11,160,234
1939	2,272	1,786,445	112,171	11,741,218	641,693	14,283,799
1940	1,233	1,318,233	148,016	9,997,899	673,265	12,138,646
1941	2,571	1,730,201	199,515	7,601,531	444,521	9,978,339
1942	1,329	1,281,529	106,865	6,092,526	564,924	8,047,173
1943	1,133	1,990,557	59,661	12,479,608	454,205	14,985,164
1944	668	1,817,875	51,675	4,955,354	506,703	7,332,275
1945	2,021	2,041,090	60,122	9,044,544	559,332	11,707,109
1946	129	838,863	56,425	9,545,871	298,486	10,739,774
1947	99	993,394	76,230	8,856,666	294,518	10,220,907
1948	1,401	1,260,465	32,364	5,968,487	330,795	7,593,512
1949	851	892,336	53,737	4,927,779	699,548	6,574,251
1950	2,127	920,885	40,653	5,304,701	685,109	6,953,475
1951	2,402	467,875	48,792	2,100,377	483,057	3,102,503
1952	1,081	603,677	51,567	4,576,726	1,243,227	6,476,278
1953	2,991	317,150	41,681	5,174,645	547,574	6,084,041
1954	942	325,157	66,430	8,439,231	1,250,833	10,082,593
1955	2,428	164,482	34,582	10,794,164	482,425	11,478,081
1956	1,123	271,249	52,844	3,318,841	705,047	4,349,104
1957	1,030	234,253	34,995	4,716,482	1,208,472	6,195,232
1958	1,942	288,014	20,555	4,038,938	930,698	5,280,147
1959	1,837	330,087	14,512	1,967,058	733,784	3,047,278
1960	1,238	362,525	54,308	673,781	1,300,386	8,456,274
1961	864	407,979	28,579	3,926,023	518,935	4,882,380
1962	1,095	784,664	54,583	14,113,851	794,727	15,748,920
1963	286	407,040	57,011	5,480,158	305,061	6,249,556
1964	1,306	498,488	35,535	12,044,341	1,134,163	13,713,833
1965	786	346,237	26,672	2,886,831	431,340	3,691,866
1966	599	631,646	67,700	10,755,582	762,766	12,218,293
1967	1,753	308,756	10,354	187,813	226,681	735,357
1968	1,936	760,393	56,629	8,768,122	750,428	10,337,508
1969	2,469	591,481	48,759	12,500,823	534,933	13,678,465
1970	1,089	917,045	66,421	12,035,549	919,102	13,939,206
1971	920	478,479	22,844	4,334,492	1,541,444	6,378,179
1972	1,300	222,408	16,587	2,478,064	1,163,426	3,881,785
1973	800	167,341	3,573	511,708	317,921	1,001,343
1974	545	418,761	13,631	2,647,196	249,294	3,329,427
1975	101	136,418	23,659	294,280	84,431	3,187,410
1976	766	641,484	23,714	11,077,992	740,495	12,484,451
1977	585	623,468	27,920	6,252,405	1,072,313	7,976,691
1978	3,228	1,071,782	48,795	15,004,065	814,345	16,942,215
1979	1,907	630,756	140,629	11,285,809	358,336	12,417,437
1980	529	651,394	139,154	17,290,615	1,075,557	19,157,249

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Table 6.–Page 3 of 3.

Year	Number of Salmon ^a					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1981	1,418	1,288,949	121,544	10,336,747	1,345,313	13,093,971
1982	1,214	1,203,787	344,823	8,089,780	1,262,587	10,902,191
1983	3,839	1,231,989	157,612	4,603,371	1,085,165	7,081,976
1984	4,657	1,950,439	229,524	10,844,293	649,092	13,678,005
1985	4,970	1,842,731	284,166	7,334,825	430,757	9,897,449
1986	4,381	3,188,046	168,690	11,807,727	1,134,372	16,303,216
1987	4,613	1,794,224	192,433	4,920,365	680,994	7,592,629
1988	22,374	2,698,349	303,267	14,262,355	1,426,400	18,712,745
1989 ^b	106	1,289,511	2,599	6,825,124	19,972	8,137,312
1990	18,808	5,247,569	293,819	5,983,812	577,748	12,121,756
1991	22,234	5,702,754	324,860	16,642,836	1,029,057	23,721,741
1992	24,299	4,166,762	280,085	3,310,639	679,540	8,461,325
1993	41,029	4,377,523	313,467	34,019,390	588,328	39,339,737
1994	22,576	2,876,878	296,311	8,162,564	738,851	12,097,180
1995	18,704	4,487,568	307,795	42,849,294	1,522,786	49,186,147
1996	13,071	4,968,954	201,836	3,486,930	543,729	9,214,520
1997	18,728	2,503,423	381,005	11,035,023	520,264	14,458,443
1998	17,341	3,623,031	425,143	22,062,465	316,107	26,444,087
1999	18,299	4,650,738	296,979	11,898,307	913,817	17,778,140
2000	12,293	2,905,403	332,998	9,927,374	1,194,414	14,372,482
2001	23,827	2,657,601	407,977	19,567,052	1,053,691	23,710,148
2002	19,263	1,824,848	496,073	18,327,818	650,144	21,318,146
2003	18,531	4,041,886	339,457	14,065,615	1,151,757	19,617,246
2004	28,899	4,165,880	489,871	21,440,641	1,121,855	27,247,146
2005	14,411	3,047,142	396,030	30,139,434	477,416	34,074,433
2006	20,283	1,583,876	553,524	31,693,347	1,081,989	34,933,019
2007	17,222	2,012,564	356,063	24,809,213	728,912	27,923,974
2008	17,176	1,819,143	300,793	8,788,655	908,035	11,833,802
2009	7,219	1,726,971	288,744	27,648,943	955,808	30,627,685
2010	14,550	1,436,606	266,431	8,864,796	734,806	11,317,189
2011	18,454	2,266,651	188,474	16,642,402	823,202	19,939,183
2012	14,785	2,232,441	208,514	16,873,244	866,381	20,195,365
<u>Averages^b</u>						
2002-2011	17,601	2,392,557	367,546	20,242,086	863,392	23,883,182
Even Years, 2002-2010				17,823,051		
Odd Years, 2001-2009				22,661,121		
1882-2010	5,357	1,821,274	136,865	7,769,730	554,299	10,286,291
1949-2010	8,182	1,654,088	173,422	10,910,567	812,616	13,558,875
Even Years, 1950-2010				10,505,962		
Odd Years, 1949-2009				11,500,070		

Source: 1882–1947 data are from processors' case pack information. 1948–2012 data are from ADF&G fish ticket summaries and are considered more accurate than previous data.

^a Harvest numbers include cost-recovery harvest but do not include subsistence or test fishery catches or commercially caught fish retained for personal use.

^b Averages do not include 1989. Commercial fisheries were severely limited due to the M/V Exxon Valdez oil spill.

Table 7.—Summary of limited entry permit activity in the commercial salmon fishery by gear type in the Kodiak Management Area, 1980–2012.

Year	Purse Seine		Beach Seine		Set Gillnet		Total		Percent
	Available	Fished	Available	Fished	Available	Fished	Available	Fished	
1980	387	370	35	33	187	168	609	571	94
1981	387	325	35	30	187	169	609	524	86
1982	386	345	35	30	187	170	608	545	90
1983	383	342	35	27	188	174	606	543	90
1984	384	296	35	25	188	168	607	489	81
1985	384	270	35	21	188	169	607	460	76
1986	385	287	35	14	187	174	607	475	78
1987	386	298	35	18	188	173	609	489	80
1988	387	323	35	21	188	180	610	524	86
1989 ^a	387	5	35	1	189	87	611	93	15
1990	388	354	35	21	189	184	612	559	91
1991	388	348	35	17	189	185	612	550	90
1992	387	335	35	12	189	178	611	525	86
1993	387	324	36	9	190	176	613	509	83
1994	387	285	36	5	190	169	613	459	75
1995	386	312	36	8	189	173	611	493	81
1996	384	261	36	6	189	172	609	439	72
1997	384	261	36	5	188	174	608	440	72
1998	384	217	36	2	188	171	608	390	64
1999	384	220	36	4	188	173	608	397	65
2000	383	223	34	2	188	173	605	398	66
2001	384	182	34	0	188	172	606	354	58
2002	382	149	34	0	188	93	604	242	40
2003	377	143	33	0	188	161	598	304	51
2004	375	140	32	0	188	164	595	304	51
2005	374	135	31	0	188	165	593	300	51
2006	375	130	31	1	188	153	594	284	48
2007	377	140	31	3	188	157	596	300	50
2008 ^b	374	128	31	0	188	148	593	276	47
2009 ^b	374	157	31	1	188	132	593	290	49
2010 ^b	374	155	31	2	188	158	593	315	53
2011	376	175	31	7	188	157	595	339	57
2012	376	168	31	4	188	164	595	336	56
<u>Average—Previous 10 Years:</u>									
2002–2011	376	145	32	1	188	149	595	295	50
<u>Average—Previous Decades:</u>									
1992–2001	385	262	36	5	189	173	609	440	72
1982–1991 ^a	386	318	35	22	188	175	609	515	85
<u>Average^a—Overall:</u>									
1980–2011	382	246	34	10	188	166	605	422	70

Source: Commercial Fisheries Entry Commission Summary Information and Reports (CFEC 2010) and ADF&G fish ticket summaries.

^a Commercial fisheries were severely restricted in 1989 due to the M/V Exxon Valdez oil spill. 1989 data are not included in averages.

^b From 2008 through 2010, a provision allowing set gillnet permit holders to fish 2 permits has resulted in the second permit not being recorded in the harvest data. This provision was discontinued before the 2011 season.

Table 8.—Alaska Board of Fisheries—approved salmon management plans for the Kodiak Management Area, 2012.

Management Plan	Year Initiated	Management Units Affected	Dates in Effect
Cape Igvak Salmon	1978	Cape Igvak Section Wide Bay Section	6/5–7/25
Alitak District Salmon	1987	Alitak District	6/1–10/31
Westside Kodiak Salmon	1990	NW Kodiak District SW Kodiak District SW Afognak Section	6/1–10/31
North Shelikof Strait Sockeye Salmon	1991	SW Afognak Section NW Afognak Section Shuyak Island Section Big River Section Hollo Bay Section Inner and Outer Kukak Bay Sections Dakavak Bay Section	7/6–7/25
Crescent Lake Coho Salmon	1990	Special Harvest Area in the Central Section near Port Lions	7/15–10/31
Spiridon Bay Sockeye Salmon	1993	Special Harvest Area in Spiridon Bay Section	6/9–10/31
Eastside Afognak Salmon	1993	Southeast Afognak Section Kitoi Bay Section Izhut Bay Section Duck Bay Section Raspberry Strait Section	6/1–10/31
Eastside Kodiak Salmon	1995	Eastside Kodiak District NE Kodiak District	6/14–10/31
Afognak Shuyak Salmon	1995	Perenosa Bay Section Shuyak Island Section NW Afognak Section	6/1–10/31
Mainland District Salmon	1999	Mainland District	6/14–10/31

Table 9.—Projected versus actual 2012 commercial salmon harvest, by species and fishery, for the Kodiak Management Area.

	Number of Salmon					
	Chinook	Sockeye	Coho	Pink	Chum	Total
Projected Harvest 2012 ^a	20,000	2,721,637	323,995	13,157,436	889,384	17,112,452
Actual Harvest 2012 ^a	14,785	2,235,186	208,514	16,873,244	866,392	20,198,121

FISHERY	2012 Harvest	
	Projection ^b	Actual ^c
Early Sockeye Salmon Fisheries (6/1–7/15 except Cape Igvak which is 6/1–26)		
Kitoi Bay Hatchery ^d	56,537	92,960
Cape Igvak ^e	110,087	269,859
Karluk ^f	85,682	305,540
Ayakulik ^g	312,725	96,696
Alitak District ^h	236,503	208,100
Minor Enhancement ⁱ	63,000	40,389
Spiridon ^j	128,029	105,057
Other ^k	583,339	227,343
Subtotal	1,575,902	1,345,944
Late Sockeye Salmon Fisheries (7/16–10/31 except Cape Igvak which is 7/8–25)		
Kitoi Bay Hatchery ^d	24,230	18,973
Cape Igvak ^e	106,979	91,135
Karluk ^f	366,535	416,255
Ayakulik ^g	208,484	100,144
Alitak District ^h	146,828	153,187
Spiridon ^j	42,676	66,286
Other ^k	250,003	43,261
Subtotal	1,145,735	889,241
Total Sockeye	2,721,637	2,235,186
Coho Salmon Fisheries		
Kitoi Bay Hatchery ^d	160,000	48,353
Afognak (non-hatchery) ^l	21,426	23,977
Westside Kodiak ^m	71,733	106,784
Alitak District	9,274	3,044
Eastside/Northend Kodiak ⁿ	45,904	24,735
Mainland District	15,658	1,621
Subtotal	323,995	208,514

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Table 9.—Page 2 of 3.

FISHERY	2012 Harvest	
	Projection ^b	Actual ^c
Pink Salmon Fisheries		
Kitoi Bay Hatchery ^d	3,695,603	2,968,070
Afognak (non-hatchery) ⁱ	1,661,084	2,655,777
Westside Kodiak ^m	5,566,853	8,151,157
Alitak District ⁿ	747,751	1,563,557
Eastside/Northend Kodiak ⁿ	995,657	1,436,996
<u>Mainland District</u>	<u>490,488</u>	<u>97,687</u>
Subtotal/Wild stock pinks	9,461,833	13,905,174
Subtotal/all pinks	13,157,436	16,873,244
Chum Salmon Fisheries		
Kitoi Bay Hatchery ^d	241,000	218,740
Afognak (non-hatchery) ⁱ	35,670	46,334
Westside Kodiak ^m	178,493	280,018
Alitak District	52,531	26,896
Eastside/Northend Kodiak ⁿ	246,582	222,912
<u>Mainland District</u>	<u>135,108</u>	<u>71,492</u>
Subtotal	889,384	866,392
Grand Total ^o	17,112,452	20,196,723
^a Includes commercial harvest, test fisheries, and cost-recovery harvests, but does not include subsistence, sport, or personal use fisheries. ^b Projected harvests for enhanced and major sockeye systems are based on formal forecasts for those individual stocks (total run minus escapement); the projected harvest from minor sockeye systems and other salmon species are based on less formal escapement-to-return relationships, environmental factors, and interspecies competition (Eggers and Carroll, 2012). ^c Actual harvest is the number of fish taken in a particular geographic area, not the catch assigned to an individual salmon stock. ^d From the Duck Bay, Izhut Bay, and Inner and Outer Kitoi Bay sections only. ^e From the Cape Igvak Section. Early run is from the beginning of the season through June 26. Late run is from July 8 through July 25. ^f From the Southwest Afognak Section, Northwest Kodiak District (except for Spiridon and Settler Cove Special Harvest Areas), Inner and Outer Karluk sections, plus 50% of Halibut Bay Section from June 21 through July 15 and 100% after July 31 minus the estimated contribution from the Spiridon SHA. Includes the majority of Karluk sockeye salmon harvest. ^g From the Outer and Inner Ayakulik sections, plus 50% of Halibut Bay Section from June 21 through July 15 and 100% from July 16 through 31. ⁱ From the Foul Bay, Waterfall Bay, and Settler Cove Special Harvest Areas. ^j From the Spiridon Bay Special Harvest Area (Telrod Cove), plus an estimate of the Spiridon-bound sockeye contributing to the Westside Kodiak fishery. ^h From the Alitak District.		

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- ^k Includes sockeye salmon harvested from minor systems at Inner and Outer Ugak Bay (Saltery), Buskin River, Perenosa Bay (Portage), Northwest Afognak (Thorsheim & Long Lagoon), Big River (Swishak), and Outer Kukak Bay (Kaflia and Kuliuk) sections and migrating fish of undetermined origin.
- ^l From the Afognak District except the Duck, Izhut, and Inner and Outer Kitoi Bay sections.
- ^m From the Southwest Kodiak District (all 255s and 256s) and the Northwest Kodiak District (all 253s and 254s), except for the North Cape, Anton Larson, Sharatin, and Kizhuyak sections and part of the Central Section (259-30 to 259-39).
- ⁿ From the Eastside Kodiak District (all 258s, and 259-40 to 259-42), Northeast Kodiak District (259-21 to 259-25, 259-10), and the North Cape, Anton Larson, Sharatin and Kizhuyak sections, plus part of the Central Section (259-30 to 259-39)
- ^o Includes the projected 2012 harvest of 20,000 Chinook salmon and the actual harvest of 14,785 Chinook salmon.

Table 10.—Commercial salmon buyers and processing plants active in the Kodiak Management Area, by geographic area and type, 2012.

Buyers/Processors	Shore-based Processors			Floating Processors		
	Kodiak City	Kodiak Borough	Other Areas	Kodiak City	Kodiak Borough	Other Areas
Icicle Seafoods		X				
Alaska Pacific Seafoods	X					
International Seafoods of Alaska	X					
Western Alaska Seafoods	X					
Ocean Beauty Seafoods Kodiak	X					
Trident Seafoods	X					
Ocean Beauty Seafoods Alitak		X				
Alaska Fresh Seafoods	X					
Sun'aq Tribe	X					
Kodiak Island Smokehouse	X					
Island Seafoods	X					
Alaska Seafoods Systems	X					
Global Seafoods	X					
Mark Gladu F/V Salmon Bay				X		
Totals	11	2		1		

Table 11.—Commercial salmon harvest and value, by gear and species, in the Kodiak Management Area, 2012.

	Number of Salmon						
	Chinook	Sockeye	Coho	Pink	Chum	Total	%
Purse Seine							
Total # ^a	13,659	1,610,345	160,044	13,808,662	769,354	16,362,064	86.0
<u>Avg. Wt.</u>	<u>7.14</u>	<u>5.53</u>	<u>7.00</u>	<u>3.52</u>	<u>7.92</u>		
Total Lbs. ^a	97,486	8,902,750	1,120,744	48,656,729	6,092,978	64,870,687	84.1
<u>Avg. \$/Lb.</u> ^b	<u>\$ 0.95</u>	<u>\$ 1.42</u>	<u>\$ 0.58</u>	<u>\$ 0.40</u>	<u>\$ 0.58</u>		
Exvessel \$	\$92,611.70	\$12,641,905.00	\$650,031.52	\$19,462,691.60	\$3,533,927.24	\$36,381,167.06	80.9
# of Permits =	166						
Average Value \$	\$557.90	\$76,156.05	\$3,915.85	\$117,245.13	\$21,288.72	\$219,163.66	
Percent %	0.3	34.7	1.8	53.5	9.7	100.0	
Beach Seine							
Total # ^a	0	6,687	2	8,542	52	15,283	0.1
<u>Avg. Wt.</u>	<u>0</u>	<u>5.46</u>	<u>7.50</u>	<u>4.25</u>	<u>7.25</u>		
Total Lbs. ^a	0	36,506	15	36,274	377	73,172	0.1
<u>Avg. \$/Lb.</u> ^b	<u>\$0.00</u>	<u>\$1.40</u>	<u>\$0.46</u>	<u>\$0.39</u>	<u>\$0.55</u>		
Exvessel \$	\$0.00	\$51,108.40	\$6.90	\$14,146.86	\$207.35	\$65,469.51	0.1
# of Permits =	4						
Average Value \$	\$0.00	\$12,777.10	\$1.73	\$3,536.72	\$51.84	\$16,367.38	
Percent %	0.0	78.1	0.0	21.6	0.3	100.0	
Set Gillnet							
Total # ^a	1,126	588,962	44,151	1,926,045	94,778	2,655,062	14.0
<u>Avg. Wt.</u>	<u>10.19</u>	<u>5.64</u>	<u>6.93</u>	<u>4.05</u>	<u>7.6</u>		
Total Lbs. ^a	11,469	3,320,732	305,951	7,790,994	720,686	12,149,832	15.8
<u>Avg. \$/Lb.</u> ^b	<u>\$1.20</u>	<u>\$1.48</u>	<u>\$0.56</u>	<u>\$0.39</u>	<u>\$0.56</u>		
Exvessel \$	\$13,762.80	\$4,914,683.36	\$171,332.56	\$3,038,487.66	\$403,584.16	\$8,541,850.54	19.0
# of Permits =	164						
Average Value \$	\$83.92	\$29,967.58	\$1,044.71	\$18,527.36	\$2,460.88	\$52,084.45	
Percent %	0.2	57.5	2.0	35.6	4.7	100.0	
Total All Gear							
Total # ^a	14,785	2,205,994	204,197	15,743,249	864,184	19,032,409	100.0
<u>Avg. Wt.</u>	<u>7.37</u>	<u>5.56</u>	<u>6.99</u>	<u>3.59</u>	<u>7.88</u>		
Total Lbs. ^a	108,955	12,259,988	1,426,710	56,483,997	6,814,041	77,093,691	100.0
<u>Avg. \$/Lb.</u> ^b	<u>\$1.22</u>	<u>\$1.44</u>	<u>\$0.66</u>	<u>\$0.40</u>	<u>\$0.58</u>		
Exvessel \$	\$106,374.50	\$17,607,696.76	\$821,370.98	\$22,515,326.12	\$3,937,718.75	\$44,988,487.11	100.0
% of Total Value	0.2	39.1	1.8	50.0	8.8	100.0	

^a Numbers and pounds of fish are derived from ADF&G fish ticket summaries. There were 10,029 fish tickets generated in 2012; each ticket represents a landing. Each gear type had the following landings: Purse Seine – 4,759; Beach Seine – 47; Set Gillnet – 5,223. Numbers do not include commercially harvested salmon retained for personal use or subsistence, sport fishery, or cost-recovery harvests.

^b Figures for average price per pound are based on fish ticket information. Some fish tickets may not show price per pound figures. These average prices may not reflect payments made to fishermen for refrigerated or iced fish, dock deliveries, or postseason settlements.

Table 12.—Commercial salmon harvest, in numbers of fish, exvessel value of the harvest in dollars, and value of average permit holder harvest by gear type, in the Kodiak Management Area, 1975–2012.

Year	Total Catch ^a	Total Value ^b	Average Exvessel Value ^c		
			Purse Seine	Gillnet	Beach Seine
1975	3,187,410	\$3,831,000	\$13,300	\$3,849	\$5,600
1976	12,484,451	\$16,976,000	\$43,017	\$14,481	\$11,035
1977	7,976,691	\$18,873,142	\$46,942	\$19,117	\$12,107
1978	16,942,215	\$30,357,179	\$70,685	\$22,711	\$14,772
1979	12,420,260	\$22,958,317	\$51,263	\$23,363	\$20,348
1980	19,157,249	\$27,410,296	\$62,363	\$21,215	\$23,385
1981	13,094,099	\$32,647,230	\$79,877	\$34,785	\$26,946
1982	10,891,952	\$18,803,822	\$39,309	\$28,889	\$11,038
1983	7,081,976	\$13,405,578	\$30,239	\$16,689	\$5,918
1984	13,678,005	\$25,948,012	\$71,560	\$26,552	\$12,341
1985	9,897,903	\$20,428,111	\$57,782	\$27,517	\$8,405
1986	16,304,165	\$38,723,961	\$92,693	\$68,700	\$11,885
1987	7,746,980	\$31,107,864	\$79,812	\$41,163	\$15,664
1988	19,009,757	\$103,816,936	\$252,388	\$119,013	\$47,017
1989 ^d	26,455,944	\$61,046,024	\$146,502	\$72,955	\$28,288
1990	12,121,689	\$52,761,885	\$111,524	\$71,015	\$10,277
1991	23,721,741	\$31,484,142	\$65,445	\$46,663	\$4,518
1992	8,461,325	\$40,464,655	\$97,917	\$42,133	\$5,414
1993	39,339,737	\$38,729,798	\$95,375	\$44,055	\$8,276
1994	12,097,170	\$27,469,284	\$67,701	\$47,690	\$9,447
1995	49,186,147	\$53,912,881	\$135,605	\$66,413	\$14,337
1996	9,214,520	\$27,528,528	\$70,737	\$52,608	\$2,947
1997	14,458,296	\$21,148,836	\$55,390	\$38,213	\$8,571
1998	26,444,087	\$34,847,388	\$119,512	\$52,082	— ^e
1999	17,776,604	\$34,084,142	\$109,243	\$57,927	\$7,308
2000	14,372,182	\$22,103,837	\$71,536	\$35,386	— ^e
2001	23,710,148	\$18,898,115	\$78,114	\$27,218	\$0
2002	21,314,421	\$12,651,332	\$68,552	\$26,206	\$0
2003	18,030,034	\$16,307,461	\$79,869	\$30,349	\$0
2004	25,359,691	\$19,260,231	\$93,942	\$37,246	\$0
2005	31,434,179	\$24,067,755	\$129,181	\$40,172	\$0
2006	32,595,862	\$23,788,440	\$150,318	\$27,740	— ^e
2007	26,238,930	\$27,224,796	\$148,355	\$41,058	\$3,484
2008	10,127,638	\$25,415,333	\$148,605	\$43,202	\$0
2009	28,338,462	\$33,713,563	\$174,661	\$47,593	— ^e
2010	10,291,449	\$24,267,934	\$130,009	\$25,720	— ^e
2011	18,228,922	\$44,247,431	\$224,349	\$31,155	\$13,572
2012	19,032,409	\$44,988,487	\$219,164	\$52,084	\$16,367
<u>Average—Previous 10 Years:</u>					
2002–2011	22,195,959	\$25,094,427	\$134,784	\$35,044	\$2,437
<u>Average ^f - Previous Decades:</u>					
1990–1999	21,282,132	\$36,243,154	\$92,845	\$51,880	\$7,899
1980–1988	12,984,676	\$34,699,090	\$85,114	\$42,725	\$18,067
<u>Average ^f—Overall</u>					
1975–2011	17,853,787	\$29,435,145	\$94,921	\$38,886	\$10,149

—continued—

Table 12.–Page 2 of 2.

Source: ADF&G Annual Management Reports and Commercial Fisheries Entry Commission reports.

- ^a Number of fish. Does not include commercial harvest retained for personal use, test fishery harvest, or cost-recovery harvests.
- ^b Exvessel values for 1975–1976 and 2001–2012 are based on inseason price estimates and do not include postseason adjustments. Values from 1977–1988 and 1990–2000 are from Commercial Fisheries Entry Commission reports.
- ^c Exvessel value is based on fish ticket information. These average values do not reflect payments made to harvesters for iced fish, dock deliveries, and postseason settlements.
- ^d In 1989, due to the presence of oil from the M/V Exxon Valdez spill, there were extensive fishery closures. Harvest figures include actual and projected harvest of wild stocks and actual harvest of hatchery stocks from a supplemental cost-recovery fishery. The 1989 exvessel value is estimated by multiplying price information from CFEC records for the limited fisheries that did occur by the projected total harvest had there been no oil spill. The 1989 exvessel value by gear type is estimated by using 1988 gear levels and proportional harvest by gear type, as if a normal fishery had occurred on a normal distribution of fish (Barrett et al. 1990).
- ^e Confidential data.
- ^f 1989 data not included in averages.

Table 13.—Subsistence salmon fishery harvest from ADF&G permit reports, by species, for the Kodiak Management Area, 1978–2012.

Year	Permits Issued	Permits Returned	Percent Returned	Number of Salmon					
				Chinook	Sockeye	Coho	Pink	Chum	Total
1978	860	539	63	50	7,239	3,699	2,747	572	14,307
1979	1,085	697	64	111	10,376	3,840	3,300	333	17,960
1980	1,239	756	61	67	13,746	4,407	2,755	566	21,541
1981	1,166	658	56	49	12,924	4,029	2,458	484	19,944
1982	1,276	993	78	110	16,615	7,192	3,558	667	28,142
1983	1,307	1,082	83	111	15,526	6,283	2,536	800	25,256
1984	1,240	1,061	86	265	17,620	5,808	1,877	720	26,290
1985	1,476	1,196	81	172	16,231	8,873	2,756	855	28,887
1986	1,244	996	80	90	14,391	6,998	2,371	605	24,455
1987	1,124	878	78	101	13,198	6,463	2,421	1,299	23,482
1988	- ^a	2,066	-	108	10,081	4,291	1,320	371	16,171
1989	- ^{a,b}	1,994	-	43	12,638	4,123	1,553	419	18,776
1990	- ^a	2,340	-	131	17,959	8,627	1,605	655	28,977
1991	- ^a	2,660	-	177	21,835	8,208	1,743	714	32,677
1992	- ^a	2,614	-	318	20,684	8,643	1,646	643	31,934
1993	- ^a	1,774	-	243	19,471	7,176	2,696	838	30,424
1994 ^c	2,550	1,518	60	205	17,962	7,491	1,758	440	27,856
1995 ^c	1,950	1,218	62	175	19,416	5,603	1,548	293	27,035
1996 ^c	1,567	1,429	91	253	28,287	5,117	1,125	381	35,163
1997 ^c	2,098	1,648	79	383	33,293	6,369	1,458	234	41,737
1998 ^c	1,845	1,145	62	350	20,459	5,348	1,412	214	27,783
1999 ^c	1,845	1,437	78	397	26,534	4,974	1,229	388	33,522
2000 ^c	1,711	1,679	98	351	31,667	6,383	977	375	39,753
2001 ^c	2,378	2,009	84	273	33,878	5,920	1,158	427	41,656
2002 ^c	2,277	2,068	91	588	33,844	6,175	1,665	350	42,622
2003 ^c	2,272	2,052	90	510	32,193	6,098	1,509	388	40,698
2004 ^c	2,241	2,063	92	379	30,503	5,857	1,403	261	38,403
2005 ^c	2,290	1,958	86	434	27,664	7,703	2,350	592	38,743
2006 ^c	2,095	1,911	91	280	22,985	6,640	1,827	441	32,173
2007 ^c	2,096	1,929	92	207	25,656	4,715	1,585	266	32,429
2008 ^c	2,037	1,745	86	159	21,852	4,570	1,180	186	27,947
2009 ^c	1,926	1,786	93	176	23,134	4,127	1,926	345	29,708
2010 ^c	2,022	1,896	94	158	22,200	4,200	1,266	273	28,097
2011 ^c	2,210	2,004	91	122	34,037	2,367	1,199	198	37,923
2012 ^c	2,120	1,865	88	54	23,865	2,920	1,154	166	28,159
<u>Recent 10-year Average</u>									
2002–2011	2,147	1,941	90	301	27,407	5,245	1,591	330	34,874
species composition by percent				1%	79%	15%	5%	1%	100%
<u>Averages ^b—Previous Decades:</u>									
1990–1999	1,976	1,778	90	263	22,590	6,756	1,622	480	31,448
1980–1988	1,259	1,076	85	119	14,481	6,038	2,450	707	23,677
<u>Average ^b—Overall</u>									
1978–2011	1,765	1,570	80	227	21,620	5,885	1,890	490	30,112

Source: 1981 and 1986 to 2011 data is from the ADF&G subsistence permit database. Data from all other years is from Area Management Reports (AMRs). In some cases, AMRs may show slightly higher harvests than the permit database, probably due to late permits that may not have been entered into the system. The harvest information is only from those permits that were returned, so it may not represent the total KMA subsistence salmon harvest.

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Table 13.–Page 2 of 2.

- ^a Permits were mailed to all previous applicants, totaling approximately 2,800. Many were returned as undeliverable. Those names were removed from subsequent mailing lists. Accurate counts of the number of permits issued were not kept.
- ^b In 1989 harvest patterns were unusual due to the M/V Exxon Valdez oil spill. 1989 data is not included in averages. There was also an Exxon-sponsored subsistence fishery in Karluk Lagoon, and those harvests are not included. Harvest totaled an additional 1 Chinook, 13,329 sockeye, 523 coho, 47 pink, and 19 chum salmon.
- ^c In 1994, the salmon and shellfish subsistence permitting programs were merged. Since then, the total number of permits includes permits mailed to all previous permit holders and permits issued by ADF&G staff in the City of Kodiak and Kodiak Island villages.

Table 14.—Retention of salmon taken in commercial salmon fisheries but not sold, by species, for the Kodiak Management Area, 1997–2012.

Year	Permits	Landings	Home Pack in Number of Salmon ^a					Total
			Chinook	Sockeye	Coho	Pink	Chum	
1997	10	10	7	678	91	6	2	784
1998	4	5	8	26	9	0	0	43
1999	1	1	0	96	0	0	0	96
2000	1	1	0	75	50	0	0	125
2001	9	14	16	465	1,215	0	33	1,729
2002	33	56	57	5,447	7,542	566	0	13,612
2003 ^b	36	87	72	11,025	12,310	1,492	86	24,985
2004	13	39	8	3,052	290	253	10	3,613
2005	16	37	54	4,432	811	4,385	11	9,693
2006	31	52	100	1,442	2,786	1,140	128	5,596
2007	13	25	26	1,577	520	2,246	8	4,377
2008	19	40	76	2,513	681	0	0	3,270
2009	23	32	49	805	2,726	883	6	4,469
2010	42	75	160	2,330	2,976	6,267	15	11,748
2011	57	117	161	1,314	2,009	6,390	67	9,941
2012	58	138	195	4,116	1,971	1,413	31	7,726
10-yearAverage:								
2002-2011	28	56	76	3,394	3,265	2,362	33	9,130

Source: ADF&G fish ticket data base

^a This is the number of salmon taken by CFEC permit holders with commercial gear during commercial fishing periods that was not sold but instead was kept for the crew's own use. Prior to 1997 this data was not recorded on ADF&G fish tickets.

^b In 2003, there was concern that salmon taken as home pack were being custom-processed for later sale for consumptive use. In response, the Alaska Board of Fisheries adopted a regulation clearly stating that these fish were not to be sold or bartered (5 AAC 39.010).

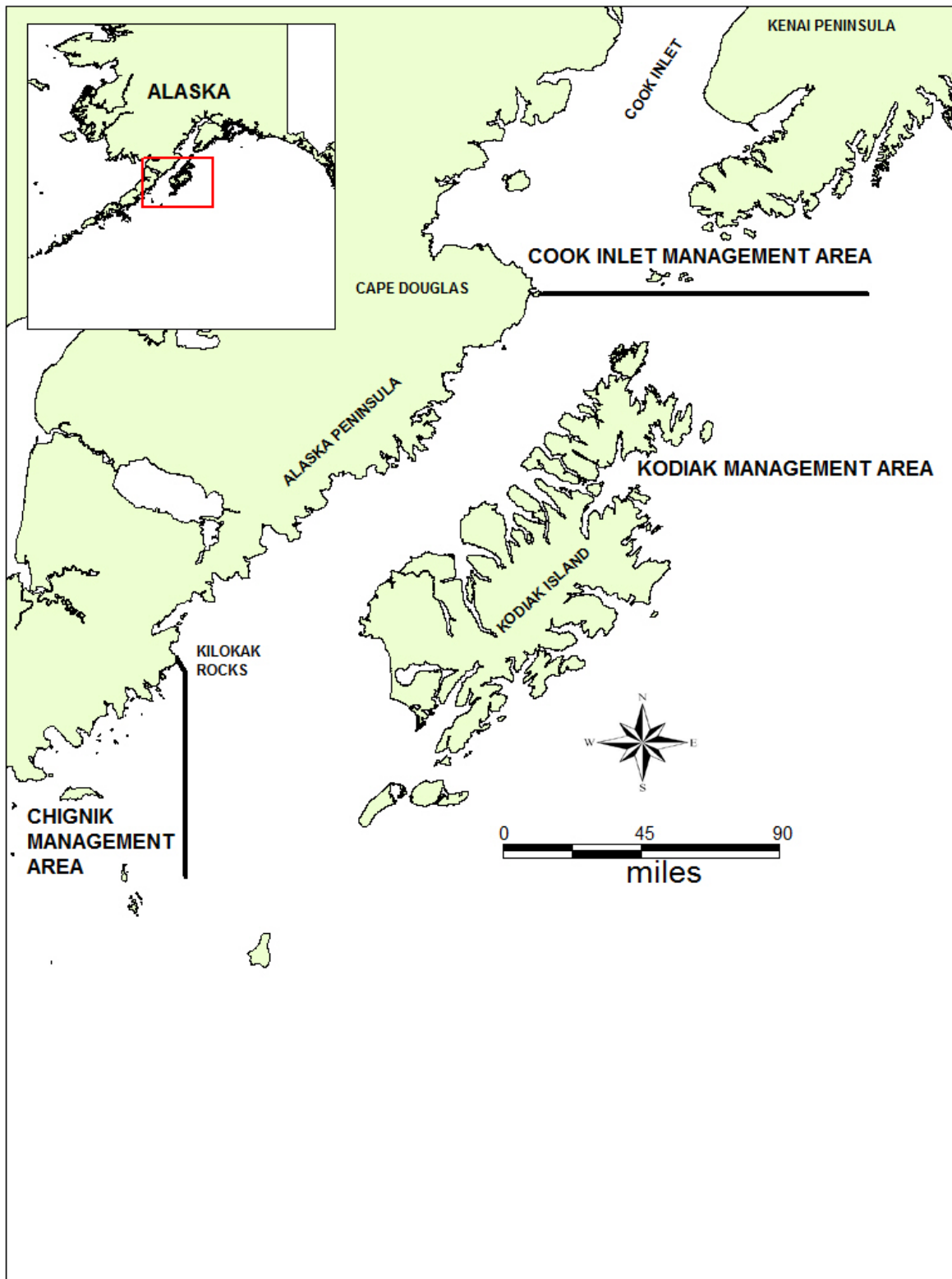


Figure 1.—Map of the Kodiak Management Area and neighboring management areas, 2012.

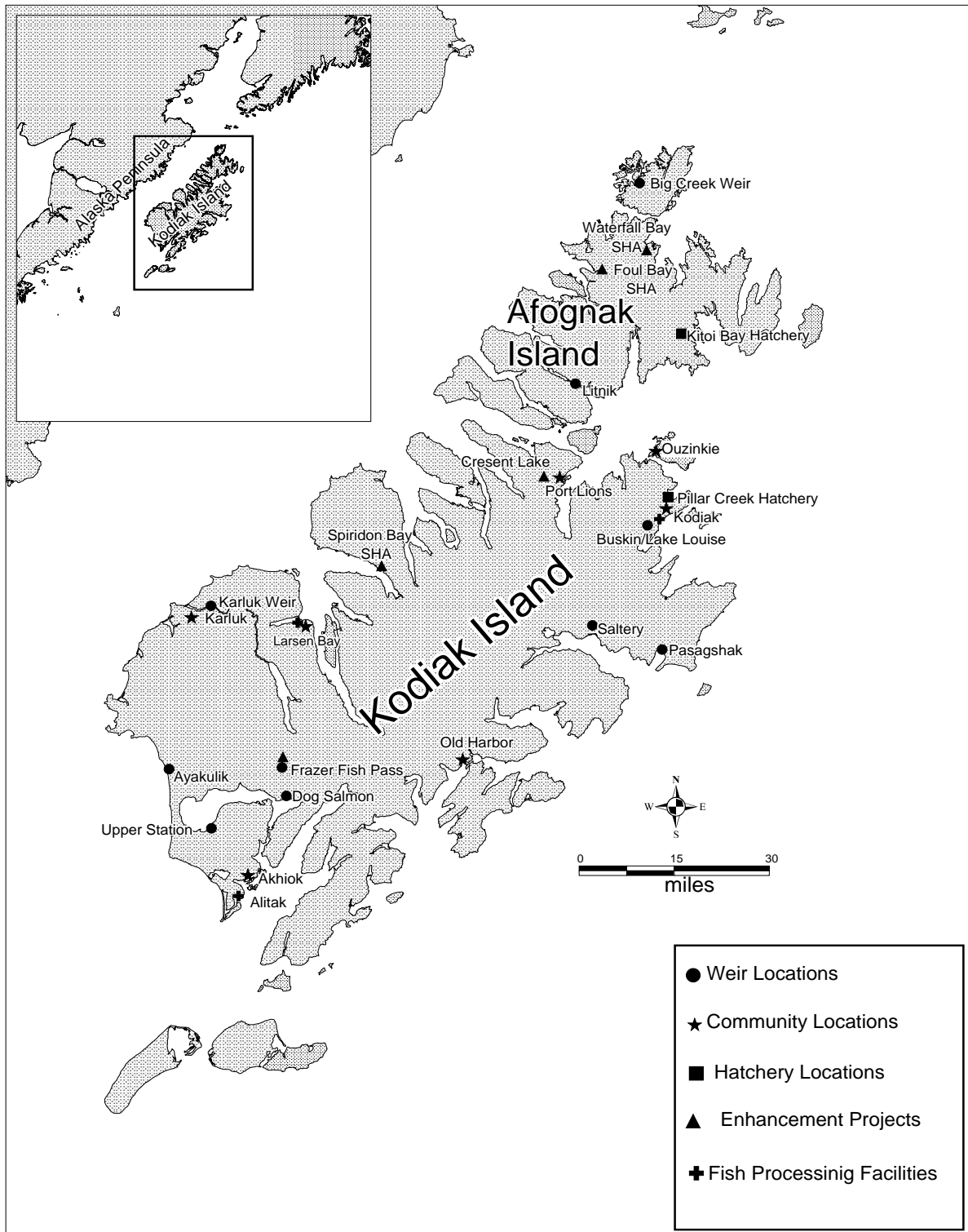


Figure 2.—Map of the Kodiak Archipelago showing communities, fish processing facilities, sockeye salmon enhancement projects, and weir and hatchery locations in the Kodiak Management Area, 2012.

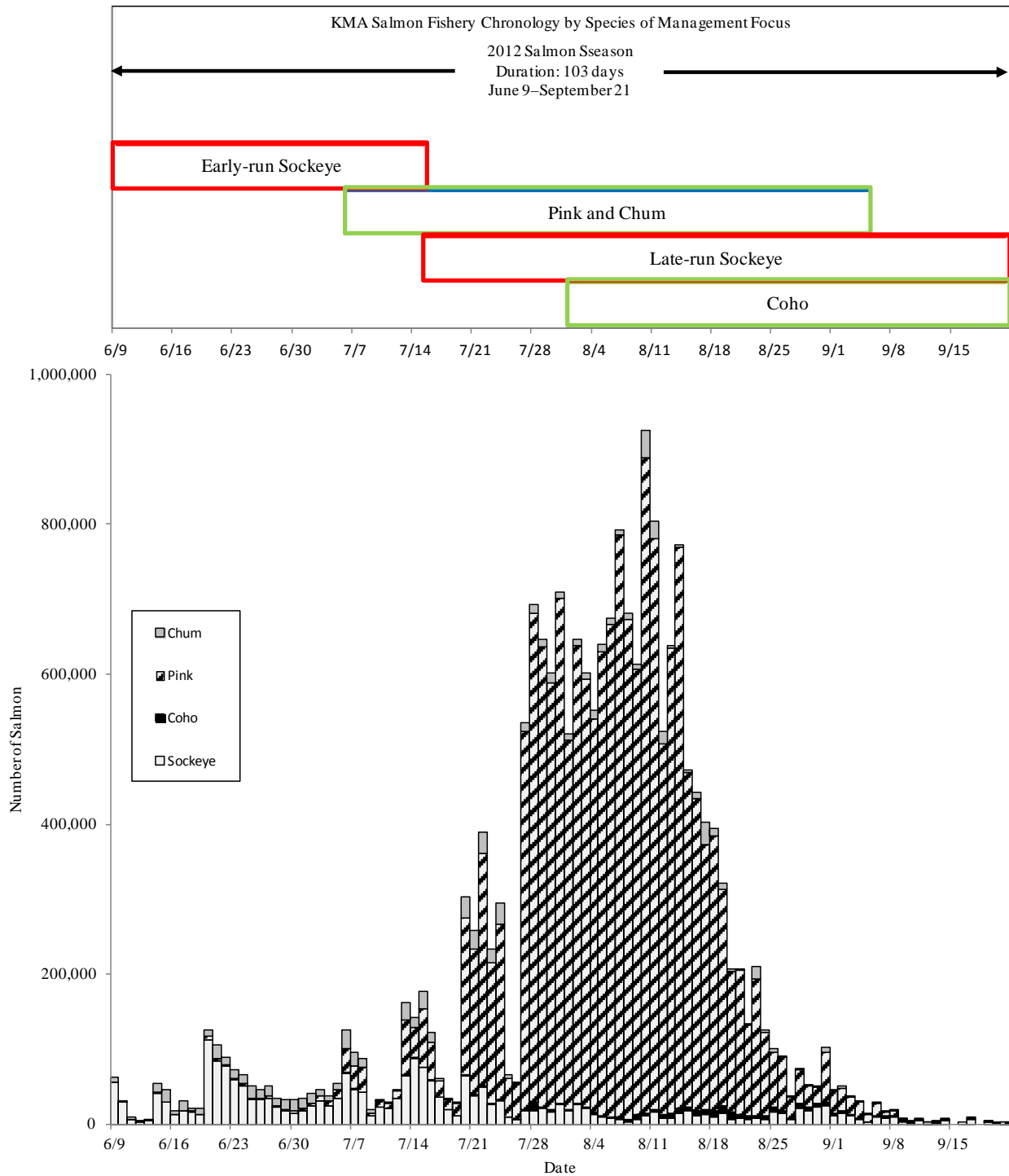
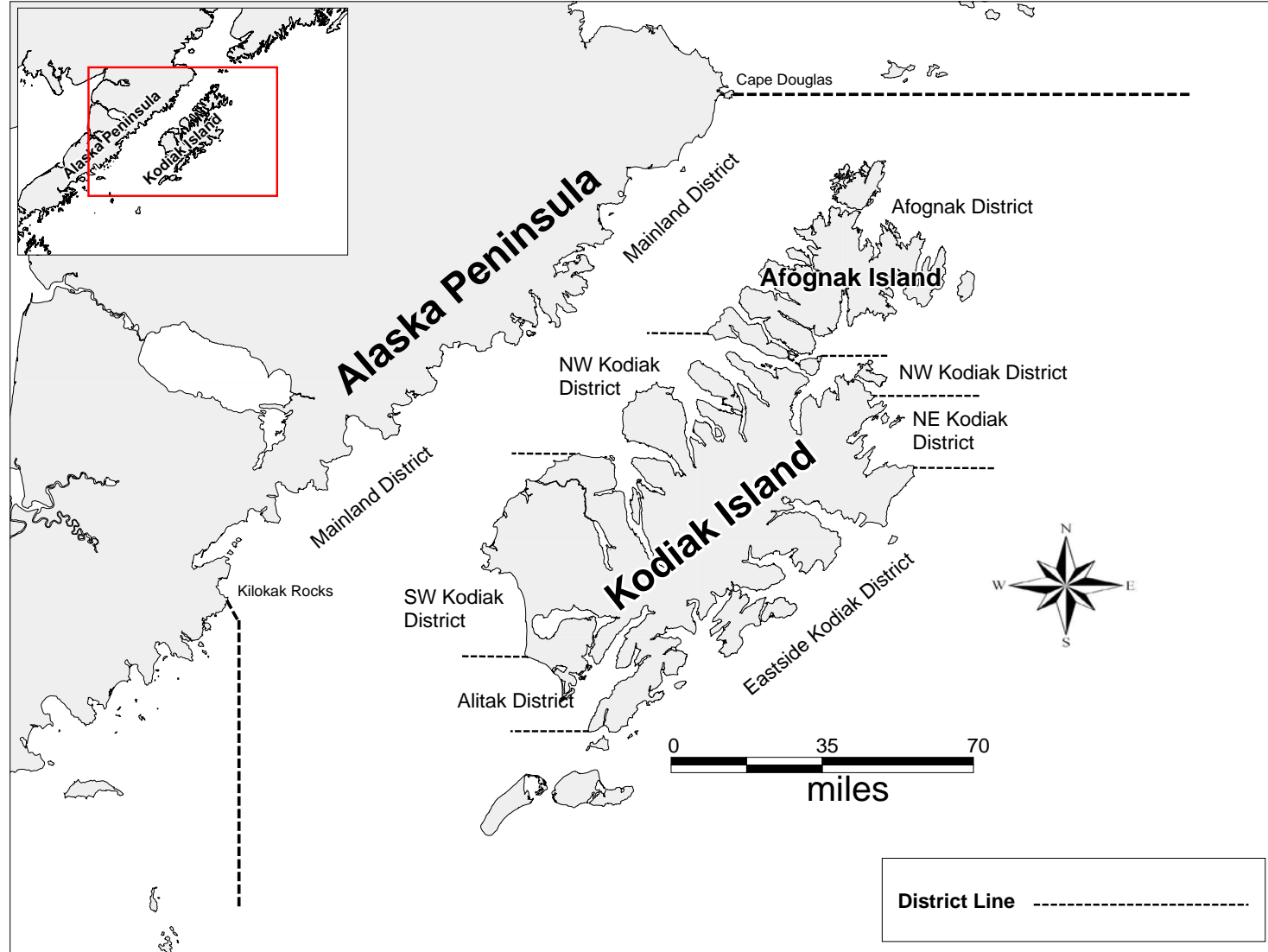
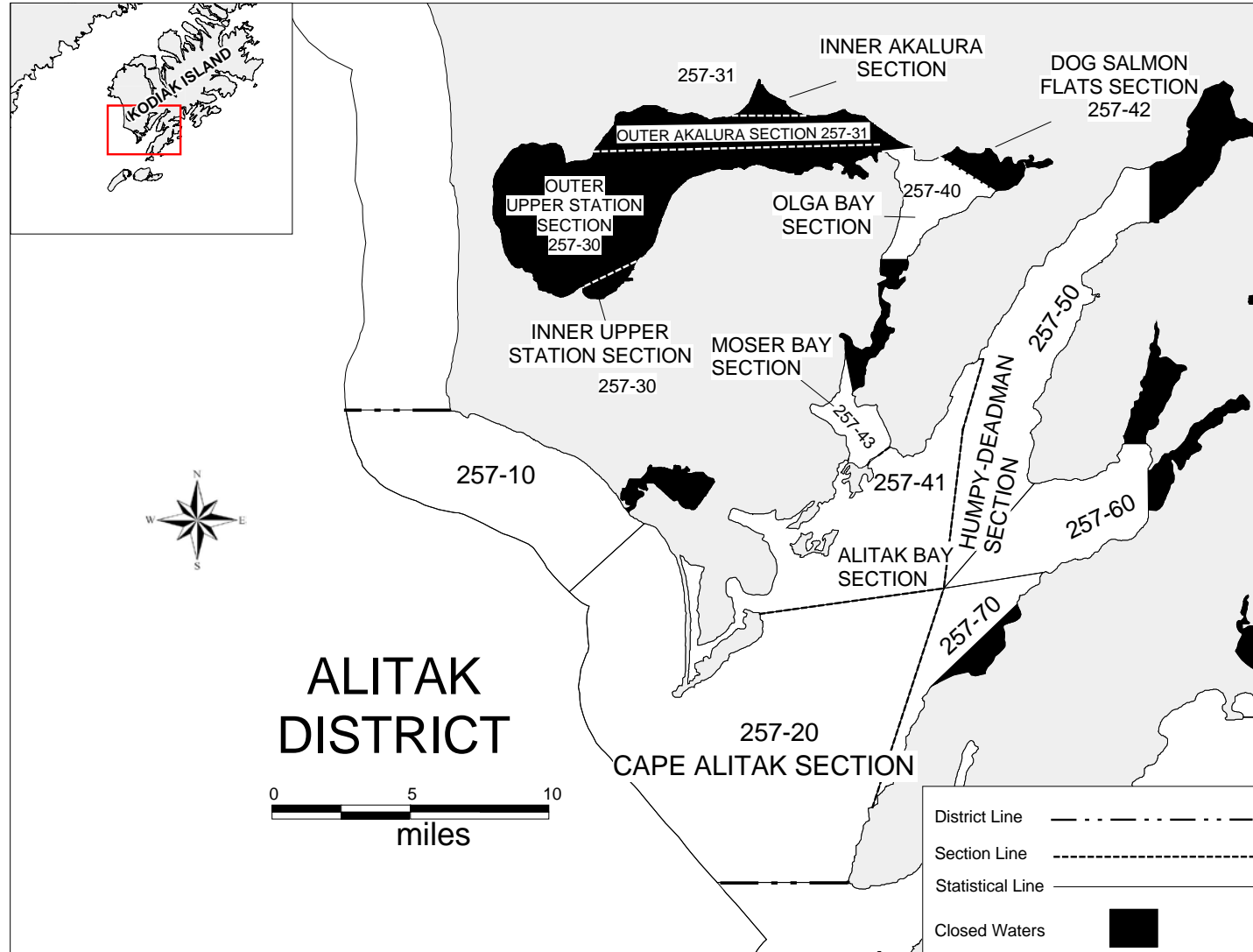


Figure 3.—Commercial salmon fishery chronology and daily harvest by date and species of management focus, Kodiak Management Area, 2012.

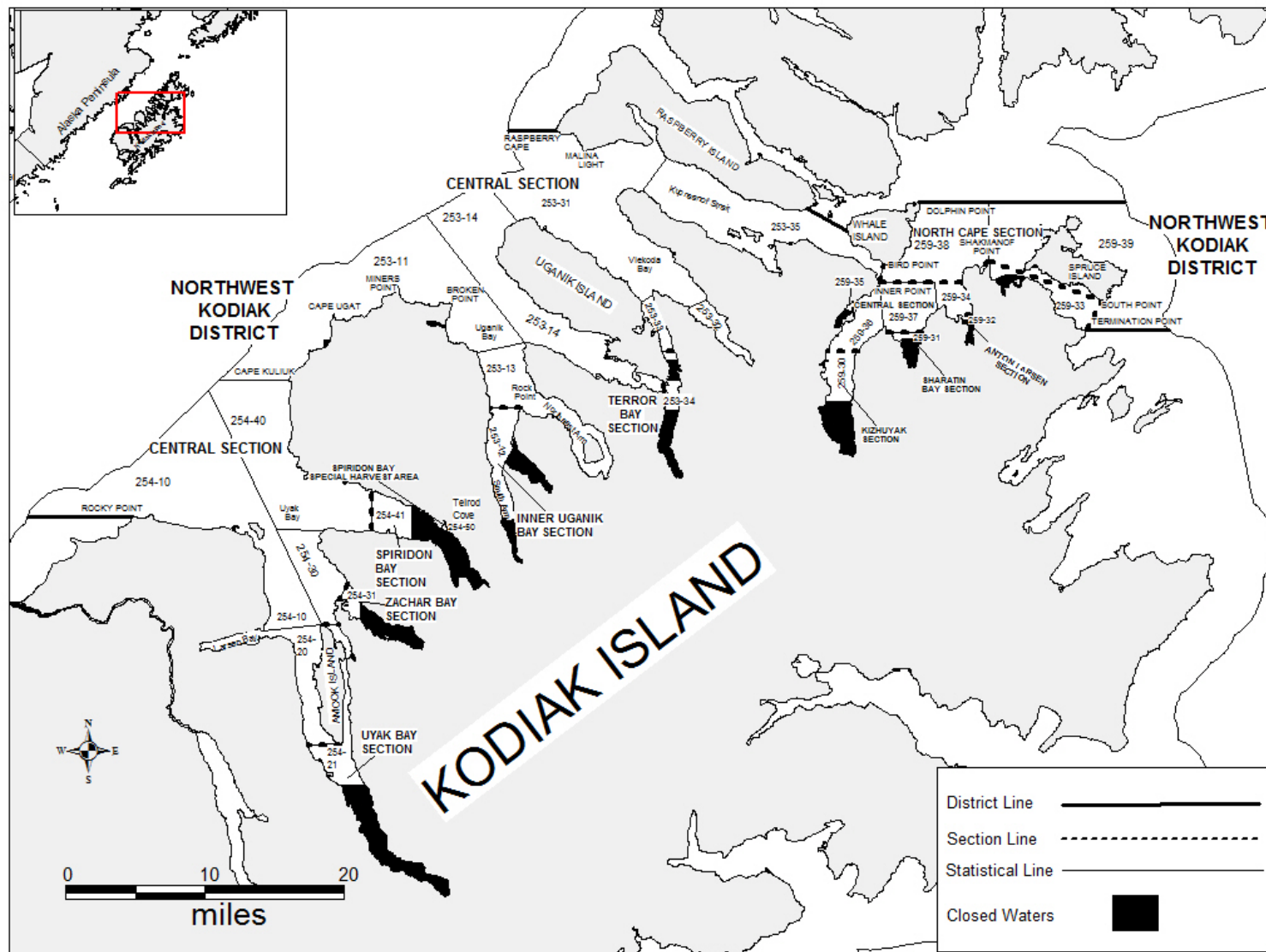
APPENDIX A. MAPS OF FISHING DISTRICTS



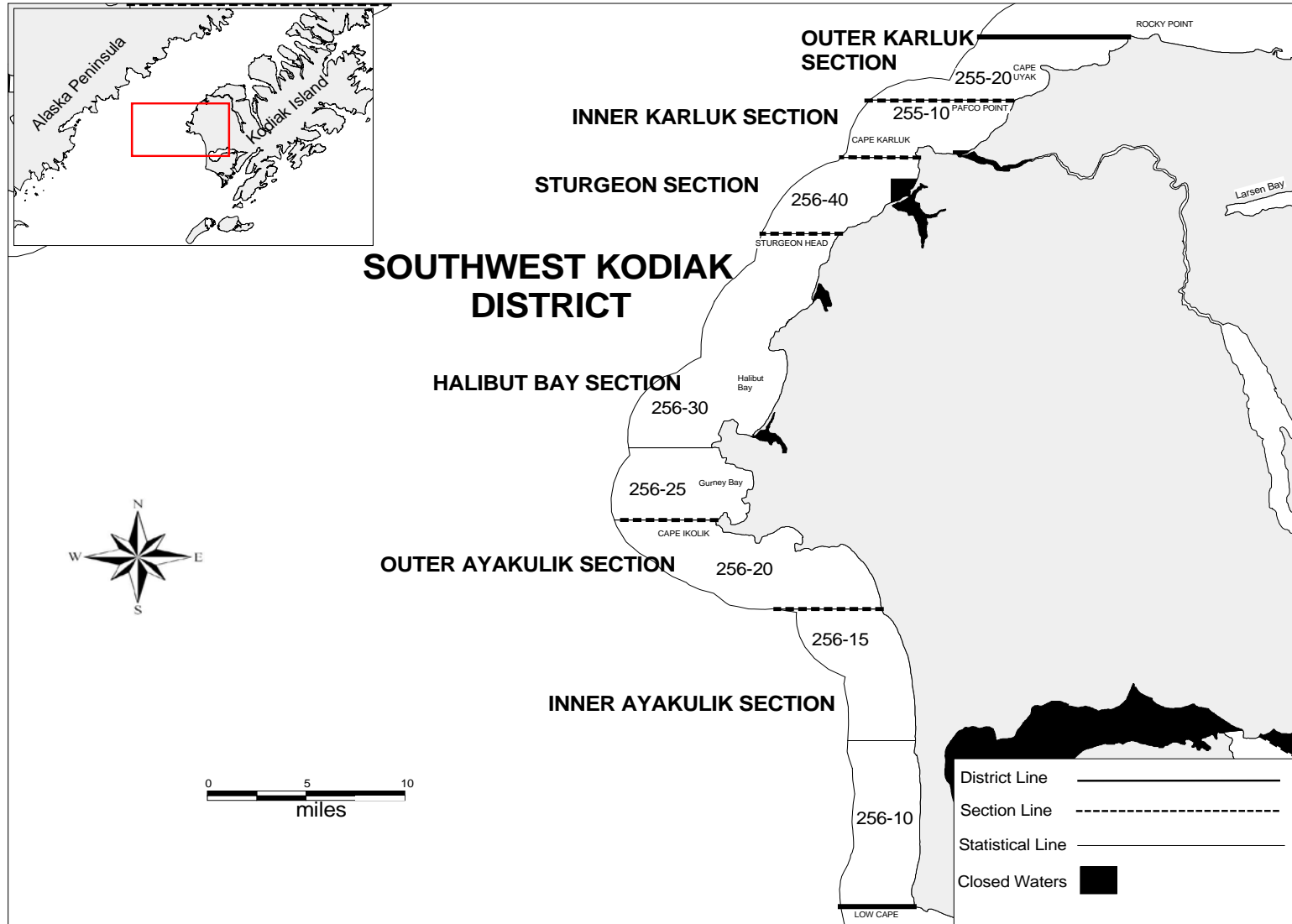
Appendix A1.—Map of the Kodiak Management Area commercial salmon fishing districts.



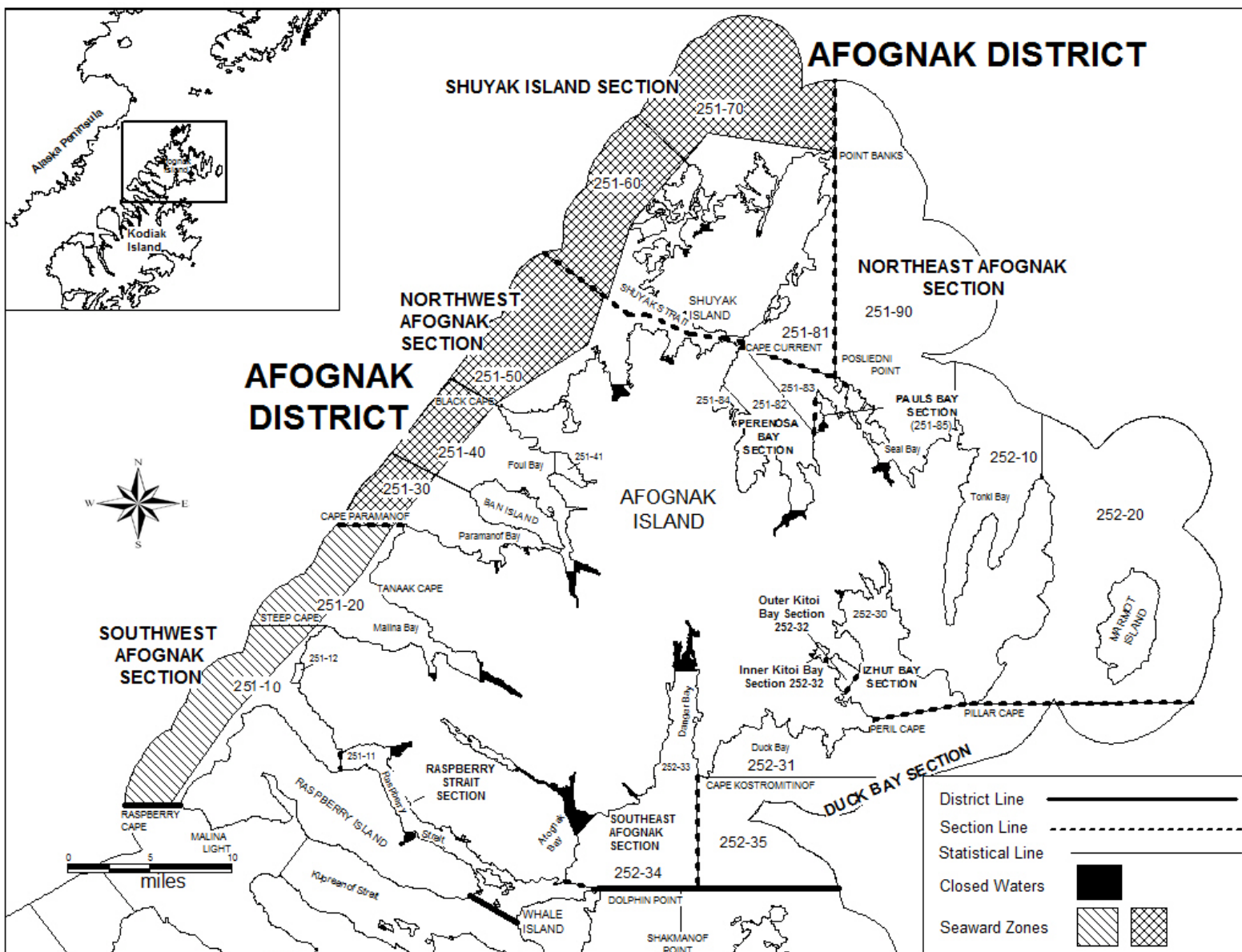
Appendix A2.—Map of the Alitak District commercial salmon fishing sections and statistical areas.



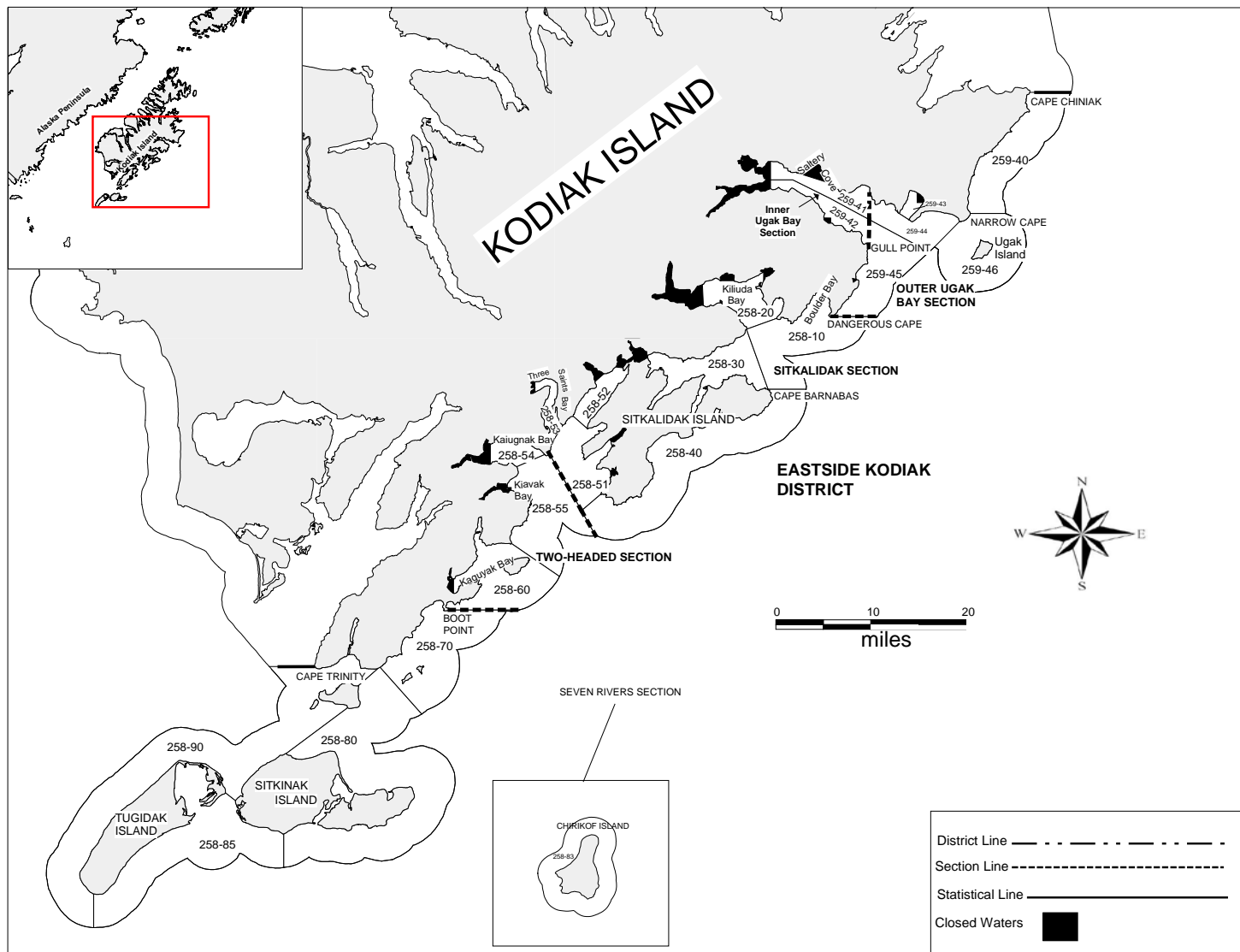
Appendix A3.—Map of the Northwest Kodiak District commercial salmon fishing sections and statistical areas.



Appendix A4.—Map of the Southwest Kodiak District commercial salmon fishing sections and statistical areas.



Appendix A6.—Map of the Afognak District commercial salmon fishing sections and statistical areas.



Appendix A7.—Map of the Eastside Kodiak District commercial salmon fishing sections and statistical areas.

Appendix A8.—Map of the Northeast Kodiak District commercial salmon fishing sections and statistical areas.

APPENDIX B. INSEASON MANAGEMENT ACTIONS

Appendix B1.—Commercial salmon fishing time, by district and section, in the Kodiak Management Area, 2012.

Districts/Sections		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Northwest Kodiak	Central																														
	North Cape																														
	Anton Larson																														
	Sharatin																														
	Kizhuyak																														
	Terror Bay																														
	Inner Uganik Bay																														
	Spiridon SHA																														
	Spiridon Bay																														
	Zachar Bay																														
	Uyak Bay																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Southwest Kodiak	Outer Karluk																														
	Inner Karluk																														
	Sturgeon																														
	Halibut Bay																														
	Outer Ayakulik																														
	Inner Ayakulik																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Alitak	Olga Bay																														
	Moser																														
	Alitak Bay																														
	Cape Alitak																														
	Humpy - Deadman																														
	Dog Salmon Flats																														
	Outer Akalura																														
	Inner Akalura																														
	Outer Upper Station																														
	Inner Upper Station																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Eastside Kodiak	Seven Rivers																														
	Two Headed																														
	Sitkalidak																														
	Outer Ugak Bay																														
	Inner Ugak Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Appendix B1.–Page 2 of 8.

<i>Districts/Sections</i>		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Northeast Kodiak	Outer Chiniak																														
	Inner Chiniak																														
	Buskin River																														
	Monashka-Mill Bay																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Afognak	Southeast Afognak																														
	Duck Bay																														
	Izhut Bay																														
	Inner Kitoi Bay																														
	Outer Kitoi Bay																														
	Northeast Afognak																														
	Pauls Bay																														
	Perenosa																														
	Waterfall Bay SHA																														
	Shuyak Island																														
	Northwest Afognak																														
	Foul Bay SHA																														
	Southwest Afognak																														
	Malina THA																														
	Raspberry Strait																														
		6/1	6/2	6/3	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16	6/17	6/18	6/19	6/20	6/21	6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30
Mainland	Big River																														
	Hallo Bay																														
	Outer Kukak Bay																														
	Inner Kukak Bay																														
	Dakavak Bay																														
	Katmai																														
	Alinchak																														
	Cape Igvak																														
	Wide Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Appendix B1.–Page 3 of 8.

Districts/Sections		7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12	7/13	7/14	7/15	7/16	7/17	7/18	7/19	7/20	7/21	7/22	7/23	7/24	7/25	7/26	7/27	7/28	7/29	7/30	7/31
Northwestern Kodiak	Central																															
	North Cape																															
	Anton Larson																															
	Sharatin																															
	Kizhuyak																															
	Terror Bay																															
	Inner Uganik Bay																															
	Spiridon SHA																															
	Spiridon Bay																															
	Zachar Bay																															
	Uyak Bay																															
Southwest Kodiak	Outer Karluk																															
	Inner Karluk																															
	Sturgeon																															
	Halibut Bay																															
	Outer Ayakulik																															
	Inner Ayakulik																															
Alitak	Olga Bay																															
	Moser																															
	Alitak Bay																															
	Cape Alitak																															
	Humpy - Deadman																															
	Dog Salmon Flats																															
	Outer Akalura																															
	Inner Akalura																															
	Outer Upper Station																															
	Inner Upper Station																															
Eastside Kodiak	Seven Rivers																															
	Two Headed																															
	Sitkalidak																															
	Outer Ugak Bay																															
	Inner Ugak Bay																															

fishing time in entire section

fishing time in partial section

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Appendix B1.–Page 4 of 8.

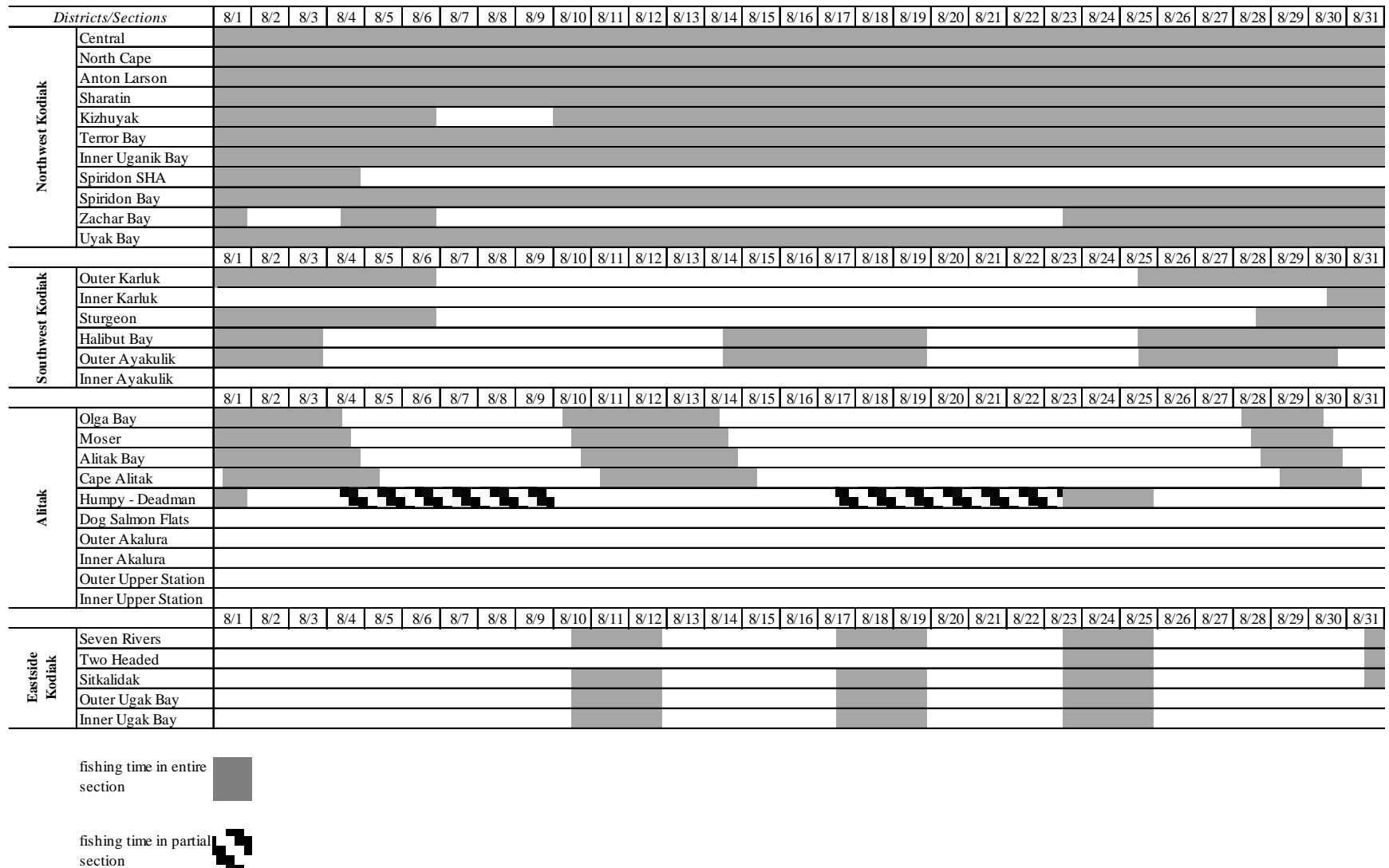
Districts/Sections		7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12	7/13	7/14	7/15	7/16	7/17	7/18	7/19	7/20	7/21	7/22	7/23	7/24	7/25	7/26	7/27	7/28	7/29	7/30	7/31
Northeast Kodiak	Outer Chiniak																															
	Inner Chiniak																															
	Buskin River																															
	Monashka-Mill Bay																															
Afognak	Southeast Afognak																															
	Duck Bay																															
	Izhut Bay																															
	Inner Kitoi Bay																															
	Outer Kitoi Bay																															
	Northeast Afognak																															
	Pauls Bay																															
	Perenosa																															
	Waterfall Bay SHA																															
	Shuyak Island																															
	Northwest Afognak																															
	Foul Bay SHA																															
	Southwest Afognak																															
	Malina THA																															
	Raspberry Strait																															
Mainland	Big River																															
	Hallo Bay																															
	Outer Kukak Bay																															
	Inner Kukak Bay																															
	Dakavak Bay																															
	Katmai																															
	Alinchak																															
	Cape Igvak																															
	Wide Bay																															

fishing time in entire section

fishing time in partial section

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Appendix B1.–Page 5 of 8.




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Appendix B1.–Page 6 of 8.

Districts/Sections		8/1	8/2	8/3	8/4	8/5	8/6	8/7	8/8	8/9	8/10	8/11	8/12	8/13	8/14	8/15	8/16	8/17	8/18	8/19	8/20	8/21	8/22	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31
Northeast Kodiak	Outer Chiniak																															
	Inner Chiniak																															
	Buskin River																															
	Monashka-Mill Bay																															
Afognak	Southeast Afognak																															
	Duck Bay																															
	Izhut Bay																															
	Inner Kitoi Bay																															
	Outer Kitoi Bay																															
	Northeast Afognak																															
	Pauls Bay																															
	Perenosa																															
	Waterfall Bay SHA																															
	Shuyak Island																															
	Northwest Afognak																															
	Foul Bay SHA																															
	Southwest Afognak																															
	Malina THA																															
	Raspberry Strait																															
Mainland	Big River																															
	Hallo Bay																															
	Outer Kukak Bay																															
	Inner Kukak Bay																															
	Dakavak Bay																															
	Alinchak																															
	Cape Igvak																															
	Wide Bay																															

fishing time in entire section 

fishing time in partial section 

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Appendix B1.–Page 7 of 8.

Districts/Sections		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Northwest Kodiak	Central																														
	North Cape																														
	Anton Larson																														
	Sharatin																														
	Kizhuyak																														
	Terror Bay																														
	Inner Uganik Bay																														
	Spiridon SHA																														
	Spiridon Bay																														
	Zachar Bay																														
	Uyak Bay																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Southwest Kodiak	Outer Karluk																														
	Inner Karluk																														
	Sturgeon																														
	Halibut Bay																														
	Outer Ayakulik																														
	Inner Ayakulik																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Alitak	Olga Bay																														
	Moser																														
	Alitak Bay																														
	Cape Alitak																														
	Humpy - Deadman																														
	Dog Salmon Flats																														
	Outer Akalura																														
	Inner Akalura																														
	Outer Upper Station																														
	Inner Upper Station																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Eastside Kodiak	Seven Rivers																														
	Two Headed																														
	Sitkalidak																														
	Outer Ugak Bay																														
	Inner Ugak Bay																														
fishing time in entire section																															
fishing time in partial section																															

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Appendix B1.–Page 8 of 8.

Districts/Sections		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Northeast Kodiak	Outer Chiniak																														
	Inner Chiniak																														
	Buskin River																														
	Monashka-Mill Bay																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Afognak	Southeast Afognak																														
	Duck Bay																														
	Izhut Bay																														
	Inner Kitoi Bay																														
	Outer Kitoi Bay																														
	Northeast Afognak																														
	Pauls Bay																														
	Perenosa																														
	Waterfall Bay SHA																														
	Shuyak Island																														
	Northwest Afognak																														
	Foul Bay SHA																														
	Southwest Afognak																														
	Malina THA																														
	Raspberry Strait																														
		9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	9/23	9/24	9/25	9/26	9/27	9/28	9/29	9/30
Mainland	Big River																														
	Hallo Bay																														
	Outer Kukak Bay																														
	Inner Kukak Bay																														
	Dakavak Bay																														
	Katmai																														
	Alinchak																														
	Cape Igvak																														
	Wide Bay																														
fishing time in entire section																															
fishing time in partial section																															

Appendix B2.—Summary of emergency orders issued in the Kodiak Management Area, 2012.

E.O. #	Issued	Effective	Action in Effect
1	10:00 AM 6/5/12	Noon 6/9/12	<u>Opening</u> for 33 hours, until 9:00 PM 6/10: <ul style="list-style-type: none"> Northwest Kodiak District Alitak District
		Noon 6/9/12	<u>Open</u> until further notice: <ul style="list-style-type: none"> Foul Bay Special Harvest Area (FBSHA) Waterfall Bay Special Harvest Area (WBSHA) Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections
		Noon 6/9/12	<u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice: <ul style="list-style-type: none"> That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk
		Noon 6/9/12	<u>Closed water adjustments</u> : <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
2	10:00 AM 6/7/12	12:01 AM 6/9/12	<u>Opening</u> for 48 hours, until 12:01 AM 6/9: <ul style="list-style-type: none"> Cape Igvak Section
		Noon 6/9/12	<u>Opening</u> for 33 hours, until 9:00 PM 6/10: <ul style="list-style-type: none"> Southeast Afognak Section
			<u>Open</u> until further notice: <ul style="list-style-type: none"> Foul Bay Special Harvest Area (FBSHA) Waterfall Bay Special Harvest Area (WBSHA) Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections
			<u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice: <ul style="list-style-type: none"> That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk
3	10:00 AM 6/10/12		<u>Closed water adjustments</u> : <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
		9:00 PM 6/10/12	<u>Extends</u> until further notice: <ul style="list-style-type: none"> Southeast Afognak Section
		10:00 AM 6/11/12	<u>Closed water adjustment</u> : <ul style="list-style-type: none"> Reduced until further notice in Afognak Bay
			<u>Open</u> until further notice: <ul style="list-style-type: none"> FBSHA WBSHA Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections
			<u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice: <ul style="list-style-type: none"> That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk

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Appendix B2.–Page 2 of 24.

E.O. #	Issued	Effective	Action in Effect
3 (cont.)			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
4	11:45 AM 6/12/12	Noon 6/14/12	<u>Opening</u> for 33 hours, until 9:00 PM 6/15: <ul style="list-style-type: none"> Northwest Kodiak District Eastside Kodiak District Southwest Afognak, Pauls Bay, Northwest Afognak, and Perenos Bay sections Big River and Outer Kukak Bay sections
		Noon 6/14/12	<u>Closed water adjustment:</u> <ul style="list-style-type: none"> Reduced until 9:00 PM 6/15 in Kafia Creek <u>Open</u> until further notice: <ul style="list-style-type: none"> FBSHA WBSHA Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice: <ul style="list-style-type: none"> That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk
			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
5	10:00 AM 6/15/12	9:00 PM 6/15/12	<u>Extends</u> for 24 hours, until 9:00 PM 6/16: <ul style="list-style-type: none"> Central and North Cape sections Southwest Afognak
			<u>Open</u> until further notice: <ul style="list-style-type: none"> FBSHA WBSHA Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice: <ul style="list-style-type: none"> That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk
			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
6	9:30 AM 6/16/12	9:00 PM 6/16/12	<u>Extends</u> for 48 hours, until 9:00 PM 6/16: <ul style="list-style-type: none"> Central and North Cape sections Southwest Afognak
		Noon 6/17/12	<u>Opening</u> for 33 hours, until 9:00 PM 6/17 <ul style="list-style-type: none"> Outer Karluk Section

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E.O. #	Issued	Effective	Action in Effect
6 (cont.)			<p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
7	10:00 AM 6/18/12	9:00 PM 6/18/12	<p><u>Extension</u> for 48 hours, until 9:00 PM 6/20:</p> <ul style="list-style-type: none"> • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
8	11:30 AM 6/18/12	12:01 AM 6/20/12	<p><u>Extension</u> for 48 hours, until 12:01 AM 6/22:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay

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E.O. #	Issued	Effective	Action in Effect
9	10:00 AM 6/19/12	6:00 AM 6/20/12	<p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 6/20 to 9:00 AM 6/22 • Moser Bay Section from Noon 6/20 to 3:00 PM 6/22 • Alitak Bay Section from 6:00 PM 6/20 to 9:00 PM 6/22 • Cape Alitak and Humpy-Deadman sections from 6:00 AM 6/21 to 9:00 AM 6/23 <p>9:00 PM 6/20/12</p> <p><u>Extends</u> until further notice:</p> <ul style="list-style-type: none"> • Central and North Cape Sections • Southwest Afognak • Outer Karluk Section <p>Noon 6/21/12</p> <p><u>Opening</u> for 33 hours, until 9:00 PM 6/22:</p> <ul style="list-style-type: none"> • Eastside Kodiak District • Pauls Bay, Northwest Afognak, and Perenosa Bay sections • Big River and Outer Kukak Bay sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
10	10:00 AM 6/21/12	Noon 6/22/12	<p><u>Opening</u> for 57 hours, until 9:00 PM 6/24</p> <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
11	Noon 6/21/12	12:01 AM 6/22/12	<p><u>Extension</u> for 24 hours, until 12:01 AM 6/23:</p> <ul style="list-style-type: none"> • Cape Igvak Section

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E.O. #	Issued	Effective	Action in Effect
11 (cont.)			<p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
12	Noon 6/22/12	12:01 AM 6/23/12	<p><u>Extension</u> for 24 hours, until 12:01 AM 6/24:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
13	10:45 AM 6/23/12	12:01 AM 6/24/12	<p><u>Extension</u> for 24 hours, until 12:01 AM 6/25</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section

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E.O. #	Issued	Effective	Action in Effect
13 (cont.)			<p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
14	10:00 AM 6/24/12	9:00 PM 6/24/12	<p><u>Extension</u> for 48 hours, until 9:00 PM 6/26:</p> <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections <p>12:01 AM 6/25/12</p> <p><u>Extension</u> for 24 hours, until 12:01 AM 6/26:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
15	10:15 AM 6/25/12	6:00 AM 6/26/12	<p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 6/26 to 9:00 AM 6/28 • Moser Bay Section from Noon 6/26 to 3:00 PM 6/28 • Alitak Bay Section from 6:00 PM 6/26 to 9:00 PM 6/28 • Cape Alitak and Humpy-Deadman sections from 6:00 AM 6/27 to 9:00 AM 6/29 <p>Noon 6/26/12</p> <p><u>Opening</u> for 57 hours, until 9:00 PM 6/28:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p>Noon 6/26/12</p> <p><u>Closed waters adjustment:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 6/28 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section

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E.O. #	Issued	Effective	Action in Effect
15 (cont.)			<p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
16	10:00 AM 6/27/12	9:00 PM 6/28/12	<p><u>Extending</u> for 48 hours, until 9:00 PM 6/28:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p><u>Closed waters adjustment:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 6/30 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, Izhut Bay sections • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
17	11:30 AM 6/29/12	9:00 PM 6/30/12	<p><u>Closes</u> the current commercial salmon fishing periods:</p> <ul style="list-style-type: none"> • Inner Kitoi and Outer Kitoi Bay sections • That portion of Izhut Bay Section south of a line from Haystack Rock to Pillar Cape <p><u>Extending</u> for 48 hours, until 9:00 PM 7/2:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p><u>Closed waters adjustment:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 7/2 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section and Izhut Bay Section north of a line from Haystack Rock to Pillar Cape • Central and North Cape sections • Southwest Afognak • Outer Karluk Section

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E.O. #	Issued	Effective	Action in Effect
17 (cont.)			<p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
18	9:15 AM 7/1/12	6:00 AM 7/2/12	<p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 7/2 to 9:00 AM 7/4 • Moser Bay Section from Noon 7/2 to 3:00 PM 7/4 • Alitak Bay Section from 6:00 PM 7/2 to 9:00 PM 7/4 • Cape Alitak and Humpy-Deadman sections from 6:00 AM 7/3 to 9:00 AM 7/5 <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section and Izhut Bay Section north of a line from Haystack Rock to Pillar Cape • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
19	10:00 AM 7/2/12	9:00 PM 7/2/12 9:00 PM 7/2/12	<p><u>Extending</u> for 72 hours, until 9:00 PM 7/5:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p><u>Closed water adjustment:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 7/5 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section and Izhut Bay Section north of a line from Haystack Rock to Pillar Cape • Central and North Cape sections • Southwest Afognak • Outer Karluk Section

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E.O. #	Issued	Effective	Action in Effect
19 (cont.)			<p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
20	10:00 AM 7/3/12	9:00 AM 7/4/12	<p><u>Extensions</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay section from 9:00 AM 7/4 to 9:00 AM 7/6 • Moser Bay Section from 3:00 PM 7/4 to 3:00 PM 7/6 • Alitak Bay Section from 9:00 PM 7/4 to 9:00 PM 7/6 • Cape Alitak and Humpy-Deadman sections from 9:00 AM 7/5 to 9:00 AM 7/7 <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section and Izhut Bay Section north of a line from Haystack Rock to Pillar Cape • Central and North Cape sections • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
21	9:00 AM 7/5/12	9:00 PM 7/5/12 9:00 PM 7/5/12 9:00 PM 7/6/12 9:00 PM 7/8/12	<p><u>Extending</u> for 72 hours, until 9:00 PM 7/8:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p><u>Closed water adjustment:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 7/8 in Saltery Creek, Hearst Creek, and Rough Creek. <p><u>Opening</u> for 57 hours, until 9:00 PM 7/8:</p> <ul style="list-style-type: none"> • Mainland District (except the Wide Bay and Cape Igvak sections) • Uyak Bay, Zachar Bay, Spiridon Bay, Inner Uganik Bay, Terror Bay, Sharatin Bay, and Anton Larsen Bay Sections • Northwest Afognak, Raspberry Strait, Shuyak Island, Pauls Bay, Perenosa Bay, and Northeast Afognak sections • Eastside Kodiak District • Northeast Kodiak District <p><u>Closes</u> the current commercial salmon fishing periods:</p> <ul style="list-style-type: none"> • Central and North Cape sections • Southwest Afognak Section

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E.O. #	Issued	Effective	Action in Effect
21 (cont.)			<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section and Izhut Bay Section north of a line from Haystack Rock to Pillar Cape • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
22	10:15 7/6/12	9:00 PM 7/7/12	<p><u>Closes</u> the current commercial salmon fishing:</p> <ul style="list-style-type: none"> • Izhut Bay Section <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Duck Bay Section • Central and North Cape sections • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
23	10:00 AM 7/7/12	Noon 7/8/12 9:00 PM 7/8/12 6:00 AM 7/9/12	<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • Spiridon Bay Special Harvest Area (SBSHA) <p><u>Closes</u> the current commercial fishing period:</p> <ul style="list-style-type: none"> • Duck Bay Section <p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 7/9 to 9:00 AM 7/11 • Moser Bay Section from Noon 7/9 to 3:00 PM 7/11 • Alitak Bay Section from 6:00 PM 7/9 to 9:00 PM 7/11 • Cape Alitak and Humpy-Deadman sections from 6:00 AM 7/10 to 9:00 AM 7/12

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E.O. #	Issued	Effective	Action in Effect
23 (cont.)			<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Southwest Afognak • Outer Karluk Section <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk
24	10:30 AM 7/10/12	9:00 AM 7/11/12	<p><u>Extensions</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay section from 9:00 AM 7/11 to 9:00 AM 7/13 • Moser Bay Section from 3:00 PM 7/11 to 3:00 PM 7/13 • Alitak Bay Section from 9:00 PM 7/11 to 9:00 PM 7/13 • Cape Alitak and Humpy-Deadman sections from 9:00 AM 7/12 to 9:00 AM 7/14 <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • FBSHA • WBSHA • Outer Karluk Section • SBSHA <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
25	Noon 7/11/12	<p>Noon 7/13/12</p> <p>Noon 7/13/12</p> <p>9:00 PM 7/16/12</p>	<p><u>Opening</u> for 81 hours, until 9:00 PM 7/16:</p> <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections • Northwest Kodiak District (except Kizhuyak Bay Section) • Afognak District (except the Inner Kitoi, Outer Kitoi, and Izhut Bay sections) • Eastside Kodiak District • Northeast Kodiak District <p><u>Opening</u> for 57 hours, until 9:00 PM 7/16:</p> <ul style="list-style-type: none"> • Mainland District (except the Wide Bay and Cape Igvak sections) <p><u>Closes</u> the current commercial fishing periods:</p> <ul style="list-style-type: none"> • Outer Karluk Section • FBSHA • WBSHA

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E.O. #	Issued	Effective	Action in Effect
25 (cont.)			<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Non-retention</u> of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • That portion of the Northwest Kodiak District south of the latitude of Cape Kuliuk <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
26	11:30 AM 7/12/12	Noon 7/13/12 12:01 AM 7/14/12	<p><u>Discontinues</u> the non-retention of Chinook salmon 28 inches or greater in length until further notice:</p> <ul style="list-style-type: none"> • From the latitude of Cape Kuliuk to the latitude of Low Cape <p><u>Opening</u> for 48 hours, until 12:01 AM 7/16:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
27	11:30 AM 7/13/12	Noon 7/14/12 Noon 7/14/12	<p><u>Opening</u> for 24 hours, until 7/15:</p> <ul style="list-style-type: none"> • In the Inner Ayakulik Section <p><u>Opening</u> for 48 hours, until 7/16:</p> <ul style="list-style-type: none"> • Duck Bay Section <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
28	10:30 AM 7/15/12	12:01 AM 7/16/12 6:00 AM 7/16/12	<p><u>Extension</u> for 24 hours, until 12:01 AM 7/17:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 7/16 to 9:00 AM 7/18 • Moser Bay Section from Noon 7/16 to 3:00 PM 7/18 • Alitak Bay Section from 6:00 PM 7/16 to 9:00 PM 7/18 • Cape Alitak Section from 6:00 AM 7/17 to 9:00 AM 7/19 <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay

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E.O. #	Issued	Effective	Action in Effect
29	10:30 AM 7/17/12	9:00 AM 7/18/12	<p><u>Extensions</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay section from 9:00 AM 7/18 to 9:00 AM 7/20 • Moser Bay Section from 3:00 PM 7/18 to 3:00 PM 7/20 • Alitak Bay Section from 9:00 PM 7/18 to 9:00 PM 7/20 • Cape Alitak Section from 9:00 AM 7/19 to 9:00 AM 7/21 <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
30	9:00 AM 7/18/12	12:01 AM 7/20/12 Noon 7/20/12 Noon 7/20/12 Noon 7/20/12	<p><u>Opening</u> for 48 hours, until 12:01 AM 7/22:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • Duck Bay Section <p><u>Opening</u> for 57 hours, until 9:00 PM 7/22:</p> <ul style="list-style-type: none"> • Big River, Hallo Bay, Inner Kukak, Outer Kukak, Dakavak, Katmai Bay, and Alinchak Bay sections. <p><u>Opening</u> for 81 hours, until 9:00 PM 7/23:</p> <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections • Northwest Kodiak District (except Kizhuyak Bay Section) • Afognak District (except the Inner Kitoi, Outer Kitoi, and Izhut Bay sections) • Eastside Kodiak District • Northeast Kodiak District <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
31	11:00 AM 7/21/12	12:01 AM 7/22/12 Noon 7/22/12	<p><u>Extension</u> for 24 hours, until 12:01 AM 7/23:</p> <ul style="list-style-type: none"> • Cape Igvak Section <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 7/23 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA • Duck Bay Section <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay

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E.O. #	Issued	Effective	Action in Effect
32	10:00 AM 7/22/12	6:00 AM 7/22/12	<p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 7/22 to 9:00 AM 7/27 • Moser Bay Section from Noon 7/22 to 3:00 PM 7/27 • Alitak Bay Section from 6:00 PM 7/22 to 9:00 PM 7/27 • Cape Alitak Section from 6:00 AM 7/23 to 9:00 AM 7/28 <p>1:00 PM 7/22/12</p> <p><u>Closes</u> current fishing period in seaward zones:</p> <ul style="list-style-type: none"> • Northwest Afognak and Shuyak sections • Dakavak Bay, Outer Kukak, Hallo Bay, and Big River sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA • Duck Bay Section <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
33	10:30 AM 7/23/12	9:00 PM 7/23/12	<p><u>Extension</u> for 24 hours, until 7/24:</p> <ul style="list-style-type: none"> • Northwest Kodiak District (except Kizhuyak Section will remain closed) • Afognak District (except Inner Kitoi, Outer Kitoi, and Izhut Bay sections will remain close, and Duck Bay Section will open until further notice) <p>9:00 PM 7/23/12</p> <p><u>Extension</u> for 72 hours, until 7/26:</p> <ul style="list-style-type: none"> • Inner Ugak Bay Section <p>9:00 PM 7/23/12</p> <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until 9:00 PM 7/26 in Saltery Creek, Hearst Creek, and Rough Creek <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA • Duck Bay Section <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
34	11:00 AM 7/24/12	Noon 7/25/12	<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> • Izhut Bay Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • SBSHA • Duck Bay Section <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
35	10:00AM 7/26/12	Noon 7/27/12	<p><u>Opening</u> for 105 hours, until 9:00 PM 7/31:</p> <ul style="list-style-type: none"> • Northwest Kodiak District

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E.O. #	Issued	Effective	Action in Effect
35 (cont.)		Noon 7/27/12	<u>Opening</u> for 81 hours, until 9:00 PM 7/30: <ul style="list-style-type: none"> • Afognak District (except Inner and Outer Kitoi will remain close) • Humpy-Deadman Section
		Noon 7/27/12	<u>Opening</u> for 57 hours, until 9:00 PM 7/29: <ul style="list-style-type: none"> • Outer Karluk, Sturgeon, Halibut Bay, and Outer Ayakulik sections <u>Open</u> until further notice: <ul style="list-style-type: none"> • SBSHA • Duck Bay and Izhut Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
36	11:00 AM 7/29/12	9:00 PM 7/29/12	<u>Extension</u> for 72 hours, until 9:00 PM 8/1: <ul style="list-style-type: none"> • Outer Karluk, Sturgeon, Halibut Bay, and Outer Ayakulik sections
		Noon 7/30/12	<u>Opening</u> for 57 hours, until 9:00 PM 8/1 <ul style="list-style-type: none"> • Northeast Kodiak District
		9:00 PM 7/30/12	<u>Extension</u> for 48 hours, 9:00 PM until 8/1: <ul style="list-style-type: none"> • Afognak District (except Inner and Outer Kitoi will remain closed) • Humpy-Deadman Section
		9:00 PM 7/31/12	<u>Extension</u> for 24 hours, until 9:00 PM 8/1: <ul style="list-style-type: none"> • Northwest Kodiak District <u>Open</u> until further notice: <ul style="list-style-type: none"> • SBSHA • Duck Bay and Izhut Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
37	11:00 AM 7/30/12	6:00 AM 7/31/12	<u>Opening</u> in the Alitak District as follows: <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 7/31 to 9:00 AM 8/2 • Moser Bay Section from Noon 7/31 to 3:00 PM 8/2 • Alitak Bay Section from 6:00 PM 7/31 to 9:00 PM 8/2 • Cape Alitak Section from 6:00 AM 8/1 to 9:00 AM 8/3
		9:00 PM 7/31/12	<u>Closes</u> current fishing period: <ul style="list-style-type: none"> • Duck and Izhut Bay sections <u>Open</u> until further notice: <ul style="list-style-type: none"> • SBSHA <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay

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E.O. #	Issued	Effective	Action in Effect
38	11:00 AM 7/31/12	9:00 PM 8/1/12	<p><u>Extension</u> for 48 hours, until 9:00 PM 8/3:</p> <ul style="list-style-type: none"> Northwest Kodiak District (except Zachar Bay Section) Southwest and Northwest Afognak sections Outer Karluk Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
39	11:15 AM 8/1/12	9:00 PM 8/1/12	<p><u>Extension</u> for 48 hours, until 9:00 PM 8/3:</p> <ul style="list-style-type: none"> Sturgeon, Halibut Bay, and Outer Ayakulik sections Southeast Afognak, Pauls, Perenosa, Shuyak Island, and Raspberry Strait sections Northeast Kodiak District <p>9:00 PM 8/2/12</p> <p><u>Extension</u> for 48 hours in the Alitak District as follows:</p> <ul style="list-style-type: none"> Olga Bay Section from 6:00 AM 8/2 to 9:00 AM 8/4 Moser Bay Section from Noon 8/2 to 3:00 PM 8/4 Alitak Bay Section from 6:00 PM 8/2 to 9:00 PM 8/4 Cape Alitak Section from 6:00 AM 8/3 to 9:00 AM 8/5 <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> SBSHA <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
40	11:00 AM 8/3/12	Noon 8/3/12	<p><u>Opening</u> for 57 hours, until 9:00 PM 8/6:</p> <ul style="list-style-type: none"> Deadman Bay of the Humpy–Deadman Section north of a latitude of Cape Hepurn Zachar Bay Section <p>9:00 PM 8/3/12</p> <p><u>Extension</u> for 72 hours, until 9:00 PM 8/6:</p> <ul style="list-style-type: none"> Sturgeon and Outer Karluk sections Northwest Kodiak District (except the Zachar Bay Section) Northeast District Afognak District (except Inner Kitoi, Outer Kitoi, Duck Bay, and Izhut Bay sections will remain closed) <p>9:00 PM 8/4/12</p> <p><u>Closes</u> the current fishing period:</p> <ul style="list-style-type: none"> Spiridon Bay Special Harvest Area <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
41	10:00 AM 8/4/12	Noon 8/5/12	<p><u>Opening</u> for 81 hours, until 8/8:</p> <ul style="list-style-type: none"> Outer Kukak Bay, Hallo Bay, and Big River sections

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E.O. #	Issued	Effective	Action in Effect
41 (cont.)			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
42	11:00 AM 8/6/12	9:00 PM 8/6/12	<u>Extension</u> for 48 hours, until 9:00 PM 8/8: <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay and Kizhuyak Bay sections) • Northeast Kodiak District • Afognak District (except Inner Kitoi, Outer Kitoi, Duck Bay, and Izhut Bay sections will remain closed) • Deadman Bay of the Humpy–Deadman Section of a latitude of Cape Hepburn <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
43	10:00 AM 8/8/12	9:00 PM 8/8/12	<u>Extension</u> until further notice: <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay and Kizhuyak Bay sections remain closed) • Northeast Kodiak District • Humpy–Deadman Section north of a latitude of Cape Hepburn 9:00 PM 8/8/12 <u>Opening</u> for 48 hours, until 9:00 PM 8/10: <ul style="list-style-type: none"> • Afognak District (except Inner Kitoi, Outer Kitoi, Duck Bay, and Izhut Bay sections will remain closed) • Outer Kukak Bay, Hallo Bay, and Big River sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay
44	10:30 AM 8/9/12	6:00 AM 8/10/12	<u>Opening</u> in the Alitak District as follows: <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 8/10 to 9:00 AM 8/12 • Moser Bay Section from Noon 8/10 to 3:00 PM 8/12 • Alitak Bay Section from 6:00 PM 8/10 to 9:00 PM 8/12 • Cape Alitak Section from 6:00 AM 8/11 to 9:00 AM 8/13 Noon 8/10/12 <u>Opening</u> until further notice: <ul style="list-style-type: none"> • Kizhuyak Bay Section Noon 8/10/12 <u>Opening</u> for 57 hours, until 9:00 PM 8/12: <ul style="list-style-type: none"> • Inner Ugak, Outer Ugak, Sitkalidak, and Seven Rivers sections Noon 8/10/12 <u>Closed water adjustment:</u> <ul style="list-style-type: none"> • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504 • Increases closed waters until 9:00 PM 8/12, in Kiliuda Bay to those waters north and west of a line from Left Cape to Outer Right Cape 9:00 PM 8/10/12 <u>Extension</u> for 72 hours, until 9:00 PM 8/13: <ul style="list-style-type: none"> • Afognak District (except Inner Kitoi, Outer Kitoi, Duck Bay, and Izhut Bay sections)

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E.O. #	Issued	Effective	Action in Effect
44 (cont.)			<p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District (except Zachar Bay Section remain closed) Northeast Kodiak District Humpy–Deadman Section north of a latitude of Cape Hepburn <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay
45	11:00 AM 8/10/12	Noon 8/11/12	<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> In that portion of Izhut Bay Section north of a line from haystack Rock to Pillar Cape <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District (except Zachar Bay Section remain closed) Northeast Kodiak District Humpy–Deadman Section north of a latitude of Cape Hepburn <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
46	10:30 AM 8/11/12	Noon 8/12/12 9:00 AM 8/12/12	<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> In that portion of the Izhut Bay Section south of a line from Haystack Rock to Pillar Cape Duck Bay Section <p><u>Extension</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> Olga Bay Section from 9:00 AM 8/12 to 9:00 AM 8/14 Moser Bay Section from 3:00 PM 8/12 to 3:00 PM 8/14 Alitak Bay Section from 9:00 PM 8/12 to 9:00 PM 8/14 Cape Alitak Section from 9:00 AM 8/13 to 9:00 AM 8/15 <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District (except Zachar Bay Section remain closed) Northeast Kodiak District Humpy–Deadman Section north of a latitude of Cape Hepburn In that portion of Izhut Bay Section north of a line from haystack Rock to Pillar Cape <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504

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E.O. #	Issued	Effective	Action in Effect
47	11:00 AM 8/13/12	9:00 PM 8/13/12	<u>Extension</u> for 72 hours, until 9:00 PM 8/16: <ul style="list-style-type: none"> • Southeast, Southwest, and Northeast Afognak sections
		Noon 8/14/12	<u>Opening</u> for 6 hours, until 6:00 PM 8/14: <ul style="list-style-type: none"> • Inner Kitoi Bay Section
		Noon 8/14/12	<u>Opening</u> until further notice: <ul style="list-style-type: none"> • Outer Kitoi Bay Section
		Noon 8/14/12	<u>Opening</u> for 57 hours, until 9:00 PM 8/16: <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections • Outer Kukak Bay, Hallo Bay, and Big River sections
		Noon 8/14/12	<u>Closed waters adjustment:</u> <ul style="list-style-type: none"> • Reduced to the markers until 6:00 PM 8/14, at Little Kitoi Creek (#252-323) and Big Kitoi Creek (stream #252-324) <u>Open until further notice:</u> <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay Section remain closed) • Northeast Kodiak District • Humpy–Deadman Section north of a latitude of Cape Hepburn • Izhut Bay and Duck Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
48	11:30 AM 8/15/12	9:00 PM 8/16/12	<u>Closes</u> current fishing periods; <ul style="list-style-type: none"> • Outer Kitoi Bay Section
			<u>Open</u> until further notice: <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay Section remained closed) • Northeast Kodiak District • Humpy–Deadman Section north of a latitude of Cape Hepburn • Izhut Bay and Duck Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
49	11:15 AM 8/16/12	9:00 PM 8/16/12	<u>Extension</u> until further notice: <ul style="list-style-type: none"> • Southeast, Southwest, Northwest, and Northeast Afognak sections
		9:00 PM 8/16/12	<u>Extension</u> for 72 hours, until 9:00 PM 8/19: <ul style="list-style-type: none"> • Outer Ayakulik and Halibut Bay sections • Southwest Kodiak District • Hallo Bay and Big River sections

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E.O. #	Issued	Effective	Action in Effect
49 (cont.)		Noon 8/17/12	<u>Opening</u> for 57 hours, until 9:00 PM 8/19: <ul style="list-style-type: none"> • Inner Ugak, Outer Ugak, Sitkalidak, and Seven Rivers sections • Remainder of Humpy-Deadman Section (south of 56° 57.5 N. lat.) • Dakavak Bay Section
		Noon 8/17/12	<u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Increases closed waters in Kiliuda Bay to those waters north and west of a line from Left Cape to Outer Right Cape until 9:00 PM 8/19 <u>Open</u> until further notice: <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay Sections remained closed) • Northeast Kodiak District • Humpy-Deadman Section north of a latitude of Cape Hepburn • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Izhut Bay and Duck Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
50	10:15 AM 8/19/12	9:00 PM 8/20/12	<u>Closes</u> the current commercial fishing period: <ul style="list-style-type: none"> • Izhut Bay Section <u>Open</u> until further notice: <ul style="list-style-type: none"> • Northwest Kodiak District (except Zachar Bay Sections remained closed) • Northeast Kodiak District • Humpy-Deadman Section north of a latitude of Cape Hepburn • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Izhut Bay and Duck Bay sections <u>Closed water adjustments:</u> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
51	11:00 AM 8/20/12	9:00 PM 8/21/12	<u>Closes</u> the current fishing period: <ul style="list-style-type: none"> • Duck Bay Section

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E.O. #	Issued	Effective	Action in Effect
51 (cont.)			<p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District (except Zachar Bay Sections remained closed) Northeast Kodiak District Humpy–Deadman Section north of a latitude of Cape Hepburn Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
52	10:30 AM 8/22/12	Noon 8/23/12 Noon 8/23/12	<p><u>Opening</u> until further notice:</p> <ul style="list-style-type: none"> Zachar Bay Section <p><u>Opening</u> for 57 hours, until 9:00 PM 8/25:</p> <ul style="list-style-type: none"> Sitkalidak, Two-Headed, and Seven Rivers sections Remainder of the Humpy–Deadman Section (south of 56° 57.5 N. lat.) <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District Northeast Kodiak District Humpy–Deadman Section north of a latitude of Cape Hepburn Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
53	10:30 AM 8/24/12	Noon 8/25/12 9:00 PM 8/25/12	<p><u>Opening</u> for 78 hours, until 6:00 PM 8/28:</p> <ul style="list-style-type: none"> Outer Ayakulik, Halibut Bay, and Outer Karluk sections Dakavak Bay, Hallo Bay, and Big River sections Shuyak Island, Pauls Bay, and Perenosa Bay sections <p><u>Closes</u> the current commercial fishing period:</p> <ul style="list-style-type: none"> Humpy–Deadman Section north of 56° 57.5 N. lat. <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> Northwest Kodiak District Northeast Kodiak District Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak sections

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E.O. #	Issued	Effective	Action in Effect
53 (cont.)			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
54	10:00 AM 8/27/12	6:00 AM 8/28/12	<u>Opening</u> in the Alitak District as follows: <ul style="list-style-type: none"> Olga Bay Section from 6:00 AM 8/28 to 9:00 AM 8/30 Moser Bay Section from Noon 8/28 to 9:00 AM 8/30 Alitak Bay Section from 6:00 PM 8/28 to 9:00 AM 8/30 Cape Alitak Section from 6:00 AM 8/29 to 9:00 AM 8/31
		Noon 8/28/12	<u>Opening</u> until further notice: <ul style="list-style-type: none"> Sturgeon Section Duck Bay Section
		6:00 PM 8/28/12	<u>Extension</u> until further notice: <ul style="list-style-type: none"> Halibut Bay and Outer Karluk sections
			<u>Open</u> until further notice: <ul style="list-style-type: none"> Northwest Kodiak District Northeast Kodiak District Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak sections
			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
55	10:00 AM 8/28/12	6:00 PM 8/28/12	<u>Extension</u> for 48 hours, until 6:00 PM 8/30: <ul style="list-style-type: none"> Outer Ayakulik Section
		Noon 8/29/12	<u>Opening</u> until further notice: <ul style="list-style-type: none"> Outer Kitoi and Izhut Bay sections
			<u>Open</u> until further notice: <ul style="list-style-type: none"> Northwest Kodiak District Northeast Kodiak District Halibut Bay, Sturgeon, and Outer Karluk sections Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, and Duck Bay sections
			<u>Closed water adjustments:</u> <ul style="list-style-type: none"> Reduced until further notice in Foul Bay and Waterfall Bay Reduced until further notice in Kitoi Bay Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
56	10:45 AM 8/29/12	Noon 8/30/12	<u>Opening</u> for 78 hours, until 9/2: <ul style="list-style-type: none"> Inner Karluk Section

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E.O. #	Issued	Effective	Action in Effect
56 (cont.)			<p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • Northwest Kodiak District • Northeast Kodiak District • Halibut Bay, Sturgeon, and Outer Karluk sections • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Duck Bay, Inner Kitoi Bay, and Izhut Bay sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
57	10:00 AM 8/30/12	Noon 8/31/12	<p><u>Opening</u> for 54 hours, until 6:00 PM 9/2:</p> <ul style="list-style-type: none"> • Sitkalidak, Two-Headed, and Seven Rivers sections • Eastside District • Hallo Bay and Big river sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • Northwest Kodiak District • Northeast Kodiak District • Halibut Bay, Sturgeon, and Outer Karluk sections • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Duck Bay, Inner Kitoi Bay, and Izhut Bay sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
58	10:15 AM 9/5/12	6:00 AM 9/6/12 Noon 9/6/12	<p><u>Opening</u> in the Alitak District as follows:</p> <ul style="list-style-type: none"> • Olga Bay Section from 6:00 AM 9/6 to 9:00 AM 9/8 • Moser Bay Section from Noon 9/6 to 9:00 AM 9/8 • Alitak Bay Section from 6:00 PM 9/6 to 9:00 AM 9/8 • Cape Alitak Section from 6:00 AM 9/7 to 9:00 AM 9/9 <p><u>Opening</u> for 78 hours, until 6:00 PM 9/9:</p> <ul style="list-style-type: none"> • Outer Ayakulik Section <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • Northwest Kodiak District • Northeast Kodiak District • Halibut Bay, Sturgeon, and Outer Karluk sections • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Duck Bay, Inner Kitoi Bay, and Izhut Bay sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504

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E.O. #	Issued	Effective	Action in Effect
59	Noon 9/6/12	Noon 9/7/12	<p><u>Opening</u> for 57 hours, until 6:00 PM 9/9</p> <ul style="list-style-type: none"> • Sitkalidak, Two-Headed, Seven Rivers, and Inner Ugak Bay sections • Hallo Bay and Big River sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • Northwest Kodiak District • Northeast Kodiak District • Halibut Bay, Sturgeon, and Outer Karluk sections • Southeast Afognak, Southwest Afognak, Northwest Afognak, and Northeast Afognak, Duck Bay, Inner Kitoi Bay, and Izhut Bay sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504
60	Noon 9/11/12	6:00 PM 9/12/12	<p><u>Closes</u> the current commercial fishing periods:</p> <ul style="list-style-type: none"> • Outer Chiniak Bay, Inner chiniak Bay, and Buskin River sections • Anton Larsen, Sharatin, Kizhuyak, Terror, Inner Uganik, Spiridon, Zachar, and Uyak Bay sections • Southeast Afognak, Northwest Afognak, and Northeast Afognak sections <p><u>Open</u> until further notice:</p> <ul style="list-style-type: none"> • Central and North Cape sections • Monashka-Mill Bay sections • Halibut Bay, Sturgeon, and Outer Karluk sections • Duck Bay, Inner Kitoi Bay, and Izhut Bay sections <p><u>Closed water adjustments:</u></p> <ul style="list-style-type: none"> • Reduced until further notice in Foul Bay and Waterfall Bay • Reduced until further notice in Kitoi Bay • Reduced until further notice in Deadman Bay to those waters within 500 yards of salmon streams #257-502, #257-503, and #257-504

APPENDIX C. CAPE IGVAK FISHERY SUMMARY

INTRODUCTION

Beginning in 1964, a purse seine fishery developed along the capes in the Cape Igvak Section of the Mainland District (Appendix C2). Tagging studies and stock identification studies using average weight and age composition conducted in 1968 and 1969 concluded that up to 80 percent of the sockeye salmon harvested in the Cape Igvak Section were of Chignik origin (from the unpublished Kodiak Area Annual Report, 1969, ADF&G, Kodiak). The issue of interception of Chignik-bound sockeye salmon in the Cape Igvak Section came before the Board of Fisheries (BOF) several times over the next ten years, and management of this section was modified many times. From 1974 through 1977, this area was managed for “day for day” equal fishing time with the Chignik Bay District of the Chignik Management Area (CMA).

In 1978, a specific management plan for the Cape Igvak Section was adopted by the BOF. The *Cape Igvak Salmon Management Plan* (CISMP; 5 AAC 18.360) covered the time period from the start of the season through July 25 for fishing activity in the Cape Igvak Section of the Mainland District. This management plan stipulated that 80% of the sockeye salmon harvest from the Cape Igvak Section during this period would be considered Chignik bound. In 2002, the BOF modified the CISMP such that 90% of the Cape Igvak Section sockeye salmon catch was now considered to be Chignik bound. The CISMP allows the Kodiak Management Area (KMA) fleet to harvest up to 15% of the Chignik-bound sockeye salmon harvest¹. The CISMP also stipulated strict allocative and biological requirements. Through July 25 in Chignik, a minimum harvest of 600,000 sockeye salmon must be expected (300,000 each for both the early and late run), and sockeye salmon escapement must be at desired levels for a harvest to be allowed. Commercial fisheries must begin in CMA before fisheries are allowed in the Cape Igvak Section (Jackson and Dinnocenzo 2012).

Since this plan was adopted in 1978, the catch of Chignik-bound sockeye salmon from the Cape Igvak Section has ranged from 0% to 17.9% of the total Chignik sockeye salmon harvest (Appendix C3) and has averaged 10.4% of the total CMA sockeye salmon harvest (Appendix C4). The Cape Igvak harvest has met or exceeded its 15% allocation level in 9 of the 34 years the plan has been in place (Appendices C3 and C4).

2012 Cape Igvak Fishery

Early Run

The 2012 preseason forecast for the Chignik system predicted a return of approximately 1,084,000 early-run (Black Lake) sockeye salmon. The early-run escapement goal is 350,000 to 400,000 sockeye salmon by July 4 (Nemeth et al. 2010). This left a forecasted harvestable surplus of 735,000 early-run sockeye salmon (Eggers and Carroll 2012).

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¹ Chignik-bound sockeye salmon are also harvested in the Southeastern Mainland District of the Alaska Peninsula Management Area, in accordance with the regulatory *Southeastern District Mainland Salmon Management Plan*, 5 AAC 09.360.

The early Chignik sockeye salmon return was strong and the allocative and biological requirements were met, allowing the Cape Igvak Section to open on June 9 with eight total days of fishing in June (Appendix C5). Through June 25, 269,859 sockeye salmon were harvested from the Cape Igvak Section. An estimated 90% of these sockeye salmon, or 242,873 fish, were considered Chignik bound. The combined harvest in CMA plus 80% of the sockeye salmon harvested in the Southeastern District Mainland were considered to be Chignik-bound; the cumulative Cape Igvak harvest was 24.9% of the total Chignik sockeye harvest through June 25. The CISMP provides for an “overlap period” between the first and second runs (June 26 to July 9) during which fishing in the Cape Igvak Section is closed or severely limited until the strength of the late run (Chignik Lake) can be assessed. In accordance with the CISMP, the Cape Igvak fishery was closed from June 26 through July 8.

Late Run

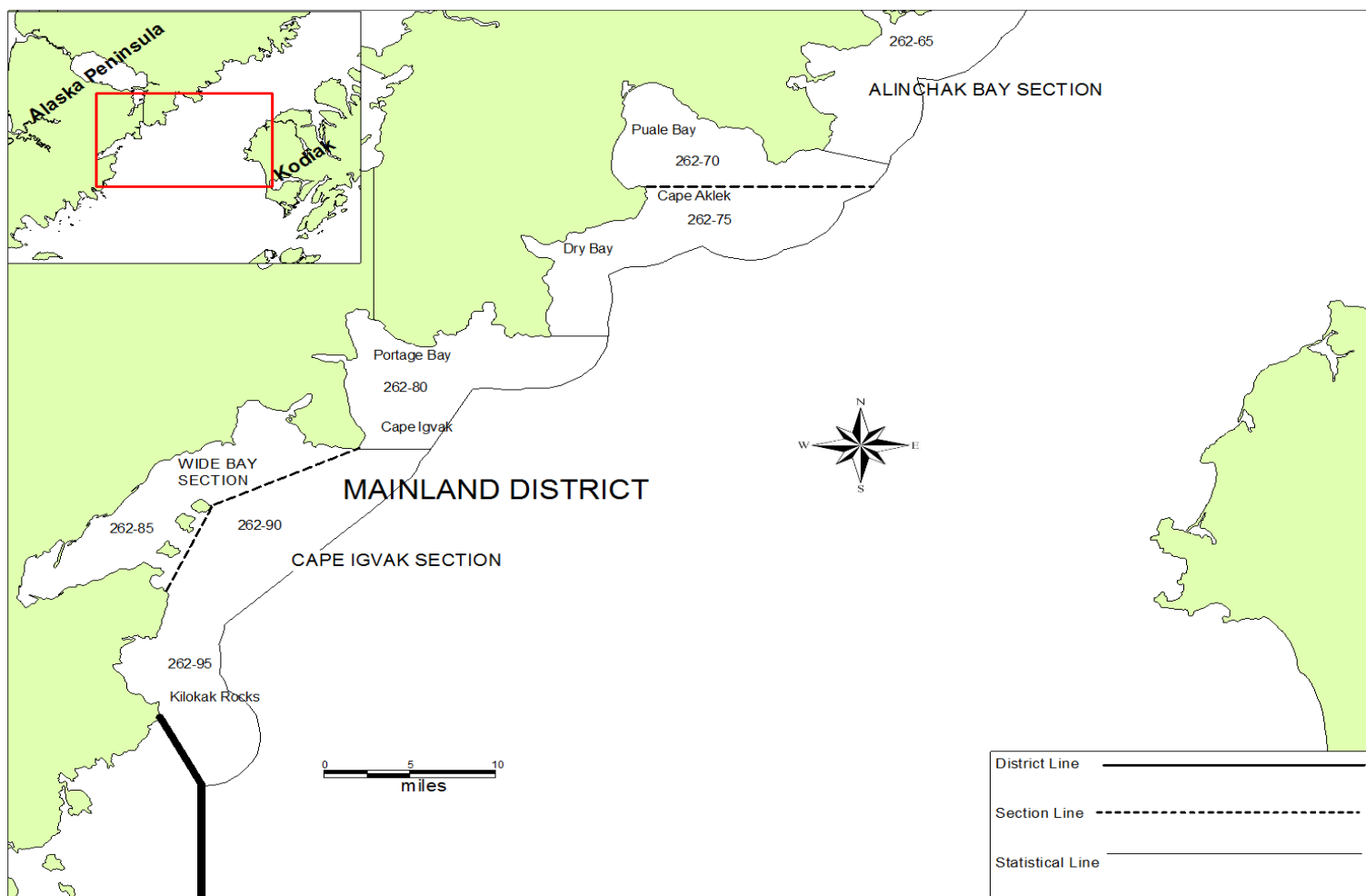
The preseason forecast for late-run (Chignik Lake) sockeye salmon was approximately 1,201,000 fish in 2012. The late-run escapement objective was 250,000 to 400,000 sockeye salmon (Nemeth et al. 2010). This resulted in a forecasted harvestable surplus of 951,000 sockeye salmon (Eggers and Carroll 2012).

The 2012 Chignik late run (Chignik Lake) was strong and allowed for fishing opportunity in the Cape Igvak Section beginning on July 13 (Appendix C5). There were a total of eight days of fishing opportunity in the Cape Igvak Section during July. From July 8 through July 25, a total of 91,135 sockeye salmon were harvested in the Cape Igvak Section. An estimated 82,021 (90%) sockeye salmon were considered Chignik bound.

The season cumulative harvest from the Cape Igvak Section was 360,944 sockeye salmon (Appendix C5). The total Chignik-bound sockeye salmon harvest includes all CMA harvested sockeye salmon, 80% of the sockeye salmon harvested in the Southeastern District Mainland, and 90% of the sockeye salmon harvested in the Cape Igvak Section. The 2012 cumulative Cape Igvak sockeye salmon harvest was 15.3% of the total Chignik-bound harvest through July 25 (Appendix C3).

REFERENCES CITED

- Jackson, J., and J. Dinnocenzo. 2012. Kodiak management area harvest strategy for the 2012 commercial salmon fishery. Alaska Department of Fish and Game, Fishery Management Report No.12-09, Anchorage.
- Eggers, D. M., and A. M. Carroll. 2012. Run forecasts and harvest projections for the 2012 Alaska salmon fisheries and review of the 2011 season. Alaska Department of Fish and Game, Special Publication No. 12-01, Anchorage.
- Nemeth, M. J., M. E. Loewen, H. Finkle, J. S. Schmidt, J. W. Erickson, M. J. Witteveen, and D. Barnard. 2010. Review of escapement goals in the Chignik Management Area, 2010. Alaska Department of Fish and Game, Fishery Manuscript No. 10-08, Anchorage.



Appendix C2.—Map of the Cape Igvak Section of the Kodiak Management Area, 2012.

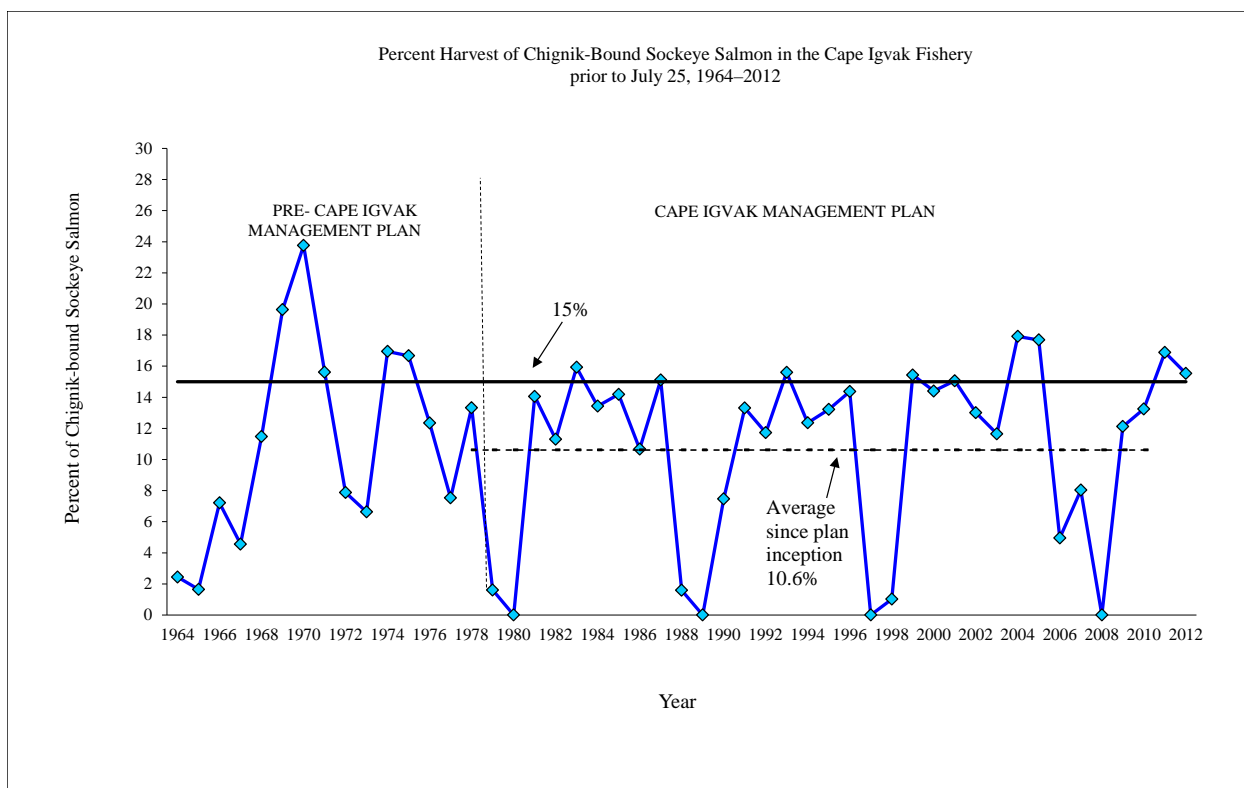
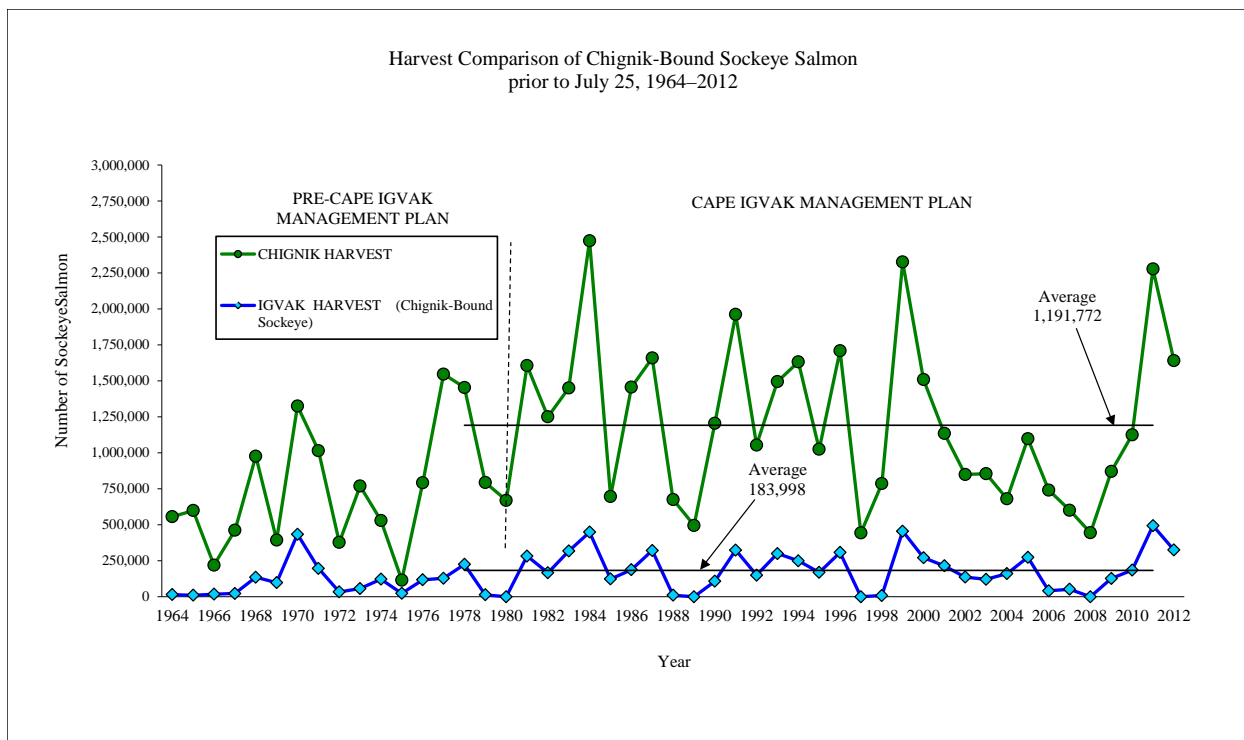
Appendix C3.–Harvest of sockeye salmon considered to be Chignik bound in the Chignik, Cape Igvak, and Southeastern District Mainland commercial salmon fisheries, from 1978 to 2012.

Year	Chignik		Cape Igvak ^a		Southeastern District Mainland ^a		Total
	Catch ^b	Percent	Catch ^b	Percent	Catch ^b	Percent	
1978 ^c	1,454,389	86.60	225,078	13.40	N/A	N/A	1,679,467
1979 ^d	794,504	98.27	13,950	1.73	N/A	N/A	808,454
1980	670,001	91.31	32	0.00	63,724	8.68	733,757
1981	1,606,300	79.87	282,727	14.06	122,198	6.08	2,011,225
1982	1,250,768	84.49	166,756	11.26	62,789	4.24	1,480,313
1983	1,450,832	72.68	318,048	15.93	227,392	11.39	1,996,272
1984	2,474,405	73.93	449,372	13.43	423,292	12.65	3,347,069
1985 ^e	690,698	79.78	123,627	14.28	51,421	5.94	865,746
1986	1,456,729	82.64	188,017	10.67	118,006	6.69	1,762,752
1987	1,659,236	77.99	321,506	15.11	146,886	6.90	2,127,628
1988	675,487	95.77	10,520	1.49	19,320	2.74	705,327
1989	496,044	99.10	^f	0.00	4,485	0.90	500,529
1990	1,205,575	84.29	107,706	7.53	117,065	8.18	1,430,346
1991 ^g	1,962,583	80.45	324,195	13.29	152,714	6.26	2,439,492
1992 ^h	1,054,309	81.19	150,434	11.58	93,845	7.23	1,298,588
1993	1,495,098	77.72	300,055	15.60	128,536	6.68	1,923,689
1994 ⁱ	1,632,435	80.61	250,230	12.36	142,350	7.03	2,025,015
1995	1,024,785	79.85	169,530	13.21	89,086	6.94	1,283,401
1996 ^j	1,710,249	79.70	308,327	14.37	127,201	5.93	2,145,777
1997	443,892	100.00	^f	0.00	^f	0.00	443,892
1998 ^k	786,466	91.22	8,813	1.02	66,893	7.76	862,172
1999	2,326,811	78.70	456,039	15.43	173,621	5.87	2,956,471
2000	1,509,652	80.11	271,344	14.40	103,419	5.49	1,884,415
2001 ^l	1,134,991	79.41	215,214	15.06	79,037	5.53	1,429,242
2002 ^m	849,980	80.99	136,488	13.01	63,026	6.01	1,049,494
2003	854,673	81.67	121,887	11.65	69,935	6.68	1,046,495
2004	681,139	75.94	160,665	17.91	55,123	6.15	896,927
2005	1,098,718	70.84	274,328	17.69	177,906	11.47	1,550,952
2006	741,887	87.72	41,834	4.95	62,010	7.33	845,731
2007 ⁿ	601,213	91.97	52,527	8.03	^f	0.00	653,740
2008	455,199	100.00	^f	0.00	^f	0.00	455,199
2009	871,890	83.26	126,968	12.12	48,322	5.54	1,047,180
2010	1,125,135	80.62	185,193	13.27	85,267	7.58	1,395,595
2011	2,277,681	77.77	494,538	16.89	156,637	6.88	2,928,856
2012	1,640,517	78.44	324,895	15.53	126,083	7.69	2,091,495

^a Through 2001, the Cape Igvak and Southeastern District Mainland figures represent 80% of the total sockeye salmon catch for those areas, based on the premise that 80% of the sockeye caught in those areas are destined for Chignik (excluding sockeye caught in the Northwest Stepovak Section from 1964 to 1991 and during July from 1996 through 2009, and Orzinski Bay from 1992 to 1995). In 2002, for the Cape Igvak fishery, the BOF increased the percentage of the sockeye salmon harvest considered to be Chignik bound from 80% to 90%.

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- ^b Beginning in 1978, the Cape Igvak Salmon Management Plan allocated up to 15% of the total catch of Chignik-bound sockeye salmon to Kodiak Management Area fishermen.
- ^c In 1978, seining prior to July 11 was disallowed in the Southeastern District Mainland. Set gillnet fisheries were allowed for 3 days per week through July 10, after which the fishery was based on local stock abundance.
- ^d From 1979 through 1984, fishing in the Southeastern District Mainland was allowed for 5 days per week prior to July 11, with an estimated ceiling of 60,000 Chignik-bound sockeye. If the Chignik Management Area catch was 1,000,000 or more before July 11 then the ceiling was removed.
- ^e Beginning in 1985, the Southeastern District Mainland (excluding the Northwest Stepovak Section and Orzinski Bay) was allowed an allocation of 6.2% of the total harvest of Chignik-bound sockeye salmon through July 25. After July 25 the Southeast District Mainland was managed based on local stock abundance. The allocation level changed to 6.0% beginning in 1988, with seining still not allowed prior to July 11.
- ^f No fishery.
- ^g Includes overescapement of 208,305 sockeye salmon, counted through the Chignik weir during a Chignik Area seiners strike (June 23 to July 4).
- ^h Beginning in 1992, after a BOF review of historical records, the allocation of Chignik-bound sockeye salmon to the Southeastern District Mainland fishery (excluding Orzinski Bay) was increased to 7.0%, through July 25.
- ⁱ Includes overescapement of 208,921 sockeye salmon, counted through the Chignik weir during a Chignik Area seiners strike (June 2 to June 25).
- ^j In January 1996, the BOF increased the area managed for local Orzinski Lake sockeye salmon from only Orzinski Bay to the entire Northwest Stepovak Section. Prior to July 1, the entire Northwest Stepovak Section will be managed by allocation based on Chignik sockeye salmon run strength. Beginning July 1, the Northwest Stepovak Section is managed entirely on local stocks. The BOF also decreased the percentage of Chignik-bound sockeye salmon allocated to the Southeastern District Mainland fishery from 7.0% to 6.0%.
- ^k Includes 7,714 sockeye salmon caught on June 18 by the Chignik Seiners Association (CSA), and an overescapement of 52,131 sockeye salmon counted past the weir during the CSA boycott (June 16 to June 29).
- ^l Includes 176,605 sockeye salmon caught June 16–29 by the CSA, and foregone harvest due to overescapement of 398,887 in the CMA and 27,896 in the Southeast District Mainland during the fishermen’s strike (June 14 to July 2).
- ^m In 2002, the BOF changed the regulations such that 90% (up from 80%) of sockeye salmon harvested in the Cape Igvak Section through July 25 are to be considered Chignik bound.
- ⁿ In 2007, the BOF changed the Southeastern District Mainland allocation from 6.0% of the total Chignik-bound harvest to 7.6% of the total Chignik Area harvest.



Appendix C4.–Impact of the Cape Igvak Salmon Management Plan.

Appendix C5.–Purse seine daily harvest, by species, for the Cape Igvak sockeye salmon fishery, 2012.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
First Period (June 9-10)												
6/9	32	32	87	1,025	17,798	112,431	0	0	153	457	3,525	28,140
6/10	28	28	51	658	9,902	62,339	0	0	407	2,652	1,402	11,491
Subtotal	48	60	138	1,683	27,700	174,770	0	0	560	3,109	4,927	39,631
Second Period (June 20-25)												
6/20	41	41	90	931	84,544	495,225	0	0	2,876	7,507	4,879	37,081
6/21	30	31	71	695	48,110	282,339	0	0	2,106	5,261	4,038	31,594
6/22	28	31	164	1,082	42,273	233,799	0	0	1,606	4,465	3,758	29,689
6/23	26	26	96	850	28,734	155,859	0	0	1,547	3,369	2,302	17,318
6/24	23	23	74	715	25,301	142,516	1	7	1,344	3,939	2,436	19,255
6/25	21	21	76	716	13,197	82,694	0	0	668	2,010	1,152	9,535
Subtotal	51	173	571	4,989	242,159	1,392,432	1	7	10,147	26,551	18,565	144,472
Third Period (July 14-17)												
7/14	8	8	139	1,066	18,647	115,962	59	360	2,421	7,327	2,663	21,059
7/15	15	15	240	1,376	17,370	104,895	24	163	1,627	5,102	2,652	19,501
7/16	11	11	373	3,261	12,552	81,938	184	1,295	1,415	4,800	2,584	21,874
7/17	4	4	14	154	4,706	22,132	12	81	1,242	3,730	1,076	7,275
Subtotal	30	38	766	5,857	53,275	324,927	279	1,899	6,705	20,959	8,975	69,709
Third Period (July 20-23)												
7/20	12	12	327	3,065	19,342	11,736	162	1,126	5,063	17,014	5,552	44,469
7/21	11	11	225	1,845	7,501	48,548	284	1,596	3,473	10,927	3,296	28,157
7/22	14	14	334	2,275	9,372	57,679	277	1,522	7,815	24,880	5,430	44,408
7/23	1	1	14	44	1,645	9,871	54	267	1,152	3,456	299	2,543
Subtotal	30	38	900	7,229	37,860	127,834	777	4,511	17,503	56,277	14,577	119,577
Season												
Total	60	309	2,375	19,758	360,994	2,019,963	1,057	6,417	34,915	106,896	47,044	373,389
Avg.Wt.				8.3		5.6		6.1		3.1		7.9

Note: Only 90% of the sockeye caught in the Cape Igvak fishery are defined by regulation to be Chignik-bound.

APPENDIX D. ALITAK DISTRICT FISHERY SUMMARY

INTRODUCTION

The Alitak District (AD) fishery is unique in the Kodiak Management Area (KMA) because set gillnet and seine gear can both fish in this district but are segregated by sections. Set gillnets are allowed only in the inside waters of the Alitak Bay, Moser Bay, and Olga Bay sections, whereas seine gear is limited to the outer waters of the Cape Alitak and Humpy–Deadman sections until September 5 (5 AAC 18.330 (d)(2); Appendix D2). Prior to the mid-1980s, various strategies were applied in the AD to conserve and build sockeye salmon stocks returning to the Frazer, Akalura, and Upper Station systems, while offering some protection to local pink, chum, and coho salmon stocks. In the fall of 1987, the existing harvest strategy was formalized into a regulatory management plan and was adopted by the Board of Fisheries (BOF, 5AAC 18.361). This plan details the key species and targeted stocks that are managed for in each section of the district throughout the fishing season. The stated intent of this plan is that salmon be harvested in the “traditional” fisheries located in the Cape Alitak, Humpy–Deadman, Alitak Bay, Moser Bay, and Olga Bay sections (Dinnocenzo and Jackson 2011).

This management plan has been in effect since 1988 and was most recently revised by the BOF in 2005. The BOF divided the former Moser–Olga Bay and Alitak Bay sections into three separate sections: Olga Bay, Moser Bay, and Alitak Bay. Each section was given a specific statistical area number. The initial commercial fishing period remained a 33-hour commercial test fishery for the entire AD (Dinnocenzo and Jackson 2012). However, through September 15, all subsequent commercial salmon fisheries in the Cape Alitak Section and the new Alitak Bay, Moser Bay, and Olga Bay sections have staggered opening and closing times according to regulation (5 AAC 18.361(c)). Also, from the conclusion of the test fishing period until September 15, there shall be a minimum closure of 69 consecutive hours in every 10-day period, to apply to each section individually as each section closes, unless ADF&G determines that the sockeye salmon escapement goals will be achieved for both the Frazer and Upper Station sockeye salmon runs.

2012 Alitak Fishery

The total run forecast for the Upper Station early run was 85,000 sockeye salmon, with an estimated harvestable surplus of approximately 60,000 fish. The 2012 total run forecast for the Frazer Lake system was 511,000 sockeye salmon (Eggers and Carroll 2012), with an estimated harvestable surplus of approximately 354,000 sockeye salmon. The total run forecast for Upper Station late run was 257,000 sockeye salmon, with an estimated harvestable surplus of approximately 71,000 sockeye salmon (Eggers and Carroll 2012).

The early-run Upper Station sockeye salmon run has a BOF mandated optimum escapement goal (OEG) of 25,000 fish. The Frazer Lake sockeye salmon biological escapement goal (BEG) range is 75,000 to 170,000 fish. The 2012 targeted sockeye salmon escapement for Frazer Lake was based on a maximum sustained yield calculation of 117,000 fish (Nemeth et al. 2010). Sockeye salmon escapement are first enumerated through a lower weir near the outlet of the Dog Salmon River (Dog Salmon weir) and then enumerated through the fish pass (Frazer fish pass) below the outlet of the lake. Over the years an increasing number of sockeye salmon have not escaped the fish pass into the lake and have remained in Dog Salmon River. For the past five years the

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number of sockeye salmon remaining in the river has averaged 40,000 fish. The 2012 targeted Dog Salmon weir sockeye salmon escapement was determined to be 157,000 fish. The Upper Station late run has a BEG of 120,000 to 265,000 fish. The 2012 target sockeye salmon escapement for the Upper Station late run was based on a maximum sustained yield calculation of 186,000 fish (Nemeth et al. 2010).

Olga Bay, Moser Bay, Alitak Bay, and Cape Alitak Salmon Management

The *Alitak District Management Plan* (ADMP; 5AAC 18.361) states that from June 1 through July 16, commercial salmon fishing must be managed in the Cape Alitak, Humpy–Deadman Bay, Alitak Bay, Moser Bay, and Olga Bay sections based on the sockeye salmon returning to the Frazer and Upper Station systems. From June 1 through June 13, the commissioner may also open a 33-hour commercial test fishing period beginning at noon.

The early-run sockeye salmon run to the Upper Station system was weak but the department still anticipated meeting the OEG. A 33-hour commercial salmon test fishery was announced for June 9 and the resulting harvest indicated an average abundance of sockeye salmon in AD. Following the test fishery, escapement through the Upper Station weir was weak (Fuerst 2013). Sockeye salmon escapement past Dog Salmon weir increased and several thousand salmon were staging on Dog Salmon Flats (Appendix D2). From June 11 through June 19, it was necessary to keep the entire district closed to meet the Upper Station early-run OEG.

On June 19, 10,851 sockeye salmon passed Dog Salmon weir, bringing the cumulative escapement to 53,800 fish. This level of escapement exceeded anticipated returns by that date, and was on track to exceed the upper end of the Frazer sockeye salmon escapement goal (Fuerst 2013). A 51-hour opening was announced on June 20, and the resulting harvest indicated an average abundance of sockeye salmon in AD.

Based on increasing abundance of fish on Dog Salmon flats and continued more-than-adequate escapement at Dog Salmon weir (Fuerst 2013), the fishery was reopened for 51 hours on June 26, and the resulting harvest indicated an average abundance of sockeye salmon in AD.

On July 1, the total sockeye salmon past Dog Salmon weir was 96,833 fish. This level of escapement exceeded anticipated returns by this date. Sockeye salmon escapement was on track to meet the Upper Station early-run OEG, and a 75-hour opening was announced on July 2. The resulting harvest indicated an average abundance of sockeye salmon in AD. The opening was extended an additional 48 hours.

On July 8, the Dog Salmon sockeye escapement was more than adequate and another opening was announced and extended for 48 hours. Early-run Upper Station escapement (through July 15) was 25,487 sockeye salmon (Fuerst 2013), above the OEG of 25,000 fish.

From July 16 through August 9, commercial salmon fishing must be managed in the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay sections based on the sockeye salmon returning to either the Frazer or Upper Station systems. On July 15, the total sockeye salmon escapement past Dog Salmon weir was 123,930 fish. This level of escapement was near the upper end of the range of anticipated returns for this date, and the department announced a 51-hour salmon fishery in the AD. The salmon fishery was subsequently extended for an additional 48 hours.

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On July 22, the total late-run sockeye salmon passed Upper Station weir was 1,206 fish, below the lower end of the anticipated returns for this date. However, it was very early in the average run timing (Fuerst 2013). The cumulative Dog Salmon weir count was 139,733 sockeye salmon through July 22. This level of escapement was still toward the upper end of the range of anticipated returns for this date (Fuerst 2013). The need to control Dog Salmon sockeye salmon escapement became paramount, and the department announced a 99-hour opening on July 23. The resulting opening indicated below-average abundance of sockeye salmon in AD.

On July 30, the total late-run sockeye salmon past Upper Station weir was 6,191 fish, within the anticipated returns for this date. The total sockeye salmon passed Dog Salmon weir was 149,426 fish, within the anticipated returns for this date (Fuerst 2013). The department announced a 51-hour opening on July 31. The resulting opening indicated below average abundance of sockeye salmon in AD. However, there was an increase in pink salmon harvest and a buildup of pink salmon on Dog Salmon Flats. The department extended the current commercial salmon fishery for 48 hours to harvest excess Frazer sockeye salmon.

The final 2012 sockeye salmon escapement at the Dog Salmon weir was 154,416 fish (Fuerst 2013). The final 2012 Frazer fish pass escapement was 148,884 fish. For 2012, only 5,532 sockeye salmon remained in Dog Salmon River and did not ascend the fish pass.

The *Alitak District Management Plan* (ADMP; 5AAC 18.361) states that during even-numbered years, from August 10 through August 25, commercial salmon fishing must be managed in the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay sections based on the pink salmon returning to the Frazer system or on the sockeye salmon returning to the Upper Station system. On August 8, the total late-run sockeye salmon past Upper Station weir was 22,936 fish, within the anticipated returns for this date. The Dog Salmon weir passed a large amount of pink salmon, and there was a significant buildup on Dog Salmon Flats. A 51-hour commercial salmon opening was announced on August 10, and the resulting harvest indicated an above-average abundance of pink salmon in the AD. The fishery was extended for an additional 48 hours to harvest excess Dog Salmon pink salmon. However, from August 15 through August 28, it was necessary to keep the Olga Bay, Moser Bay, Alitak Bay, and Cape Alitak sections closed to meet the sockeye salmon escapement needed to meet the Upper Station late-run escapement goal (Fuerst 2013).

After August 25, the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay sections salmon fishery is managed on coho and sockeye salmon runs to Olga Bay. On August 27, sockeye and coho salmon escapement into Upper Station was adequate to allow another opening. The department announced a 51-hour commercial salmon opening on August 28. The resulting opening indicated below-average abundance of sockeye and coho salmon.

On September 5, sockeye and coho salmon escapement into Upper Station was adequate. The department announced a 51-hour opening on September 6. The resulting opening indicated below-average abundance of coho salmon. Due to continued weak Upper Station late-run escapement, no further fishing periods were announced during the 2012 season. The 2012 Upper Station late-run cumulative escapement was 149,325 sockeye salmon (Fuerst 2013).

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Humpy–Deadman Section Salmon Management

The Humpy–Deadman Section (HDS) is managed from June 1 through July 15 with equal fishing time with the Cape Alitak Section. After July 15, HDS is managed based on the strength of the local salmon returns.

On July 20, HDS opened for 81 hours for the third scheduled pink salmon opening. Early aerial surveys indicated a below-average abundance of pink salmon everywhere except Deadman River. On July 27, HDS opened for 81 hours for the fourth scheduled pink salmon opening. An aerial survey on July 27 indicated continued below-average abundance of pink salmon everywhere except Deadman River.

An aerial survey on August 2 indicated continued below-average pink salmon escapement to the majority of the section; however, Deadman River saw a significant increase. On August 4, Deadman Bay north of a latitude of Cape Hepburn opened to commercial salmon fishing for 48 hours. The opening was extended until further notice, and markers were rolled in to harvest excess pink salmon escapement to Deadman River. The remainder of HDS was opened for 57 hours on August 23, after which the entire HDS closed for the rest of the season to help conserve coho salmon.

Season Totals

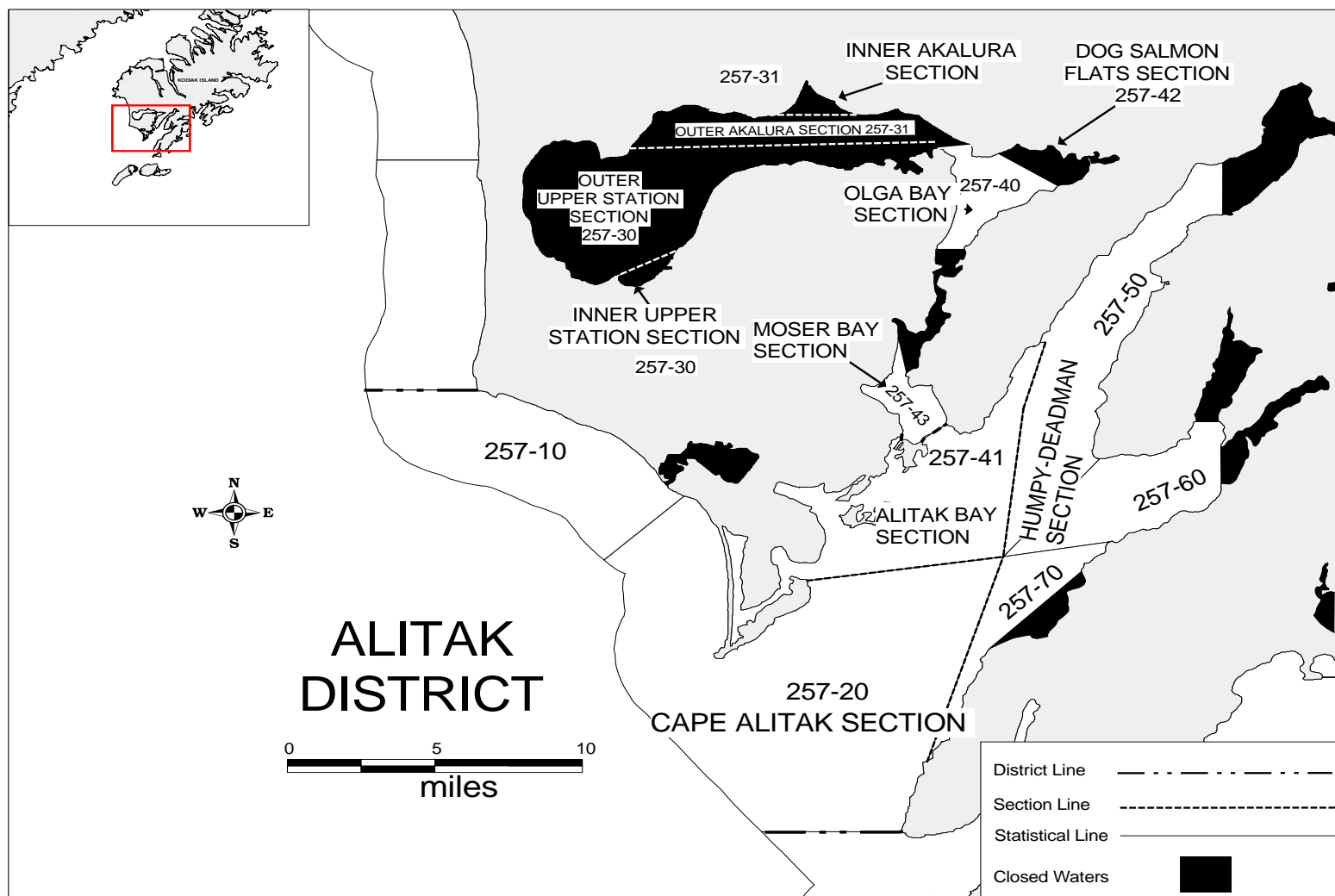
In 2012, set gillnet harvest in the Olga Bay Section (statistical area 257-40) by 29 permit holders included 41,911 sockeye, 247 coho, 29,571 pink, and 515 chum salmon (Appendix D3). Set gillnet harvest in the Moser Bay Section (statistical area 257-43) by 23 permit holders included 3 Chinook, 56,988 sockeye, 335 coho, 42,352 pink, and 496 chum salmon (Appendix D3). Set gillnet harvest in the Alitak Bay Section (statistical area 257-41) by 29 permit holders included 3 Chinook, 89,513 sockeye, 484 coho, 76,069 pink, and 2,122 chum salmon (Appendix D3).

In 2012, seine harvest in the Cape Alitak Section (statistical areas 257-10 and -20) by 52 permit holders included 190 Chinook, 141,179 sockeye, 1,509 coho, 273,590 pink, and 12,750 chum salmon (Appendix D4). Seine harvest in the Humpy–Deadman Section (statistical areas 257-50, -60, and -70) by 32 permit holders included 28 Chinook, 26,114 sockeye, 469 coho, 1,139,098 pink and 21,001 chum salmon (Appendix D4). No fishing periods were allowed in the Alitak Bay, Moser Bay, or Olga Bay sections after September 5; therefore, no seine gear was fished in these sections in 2012.

A total of 57 purse seine permit holders fished in AD fisheries and harvested 218 Chinook (97% of the total AD Chinook harvest), 167,293 sockeye (47%), 1,978 coho (65%), 1,412,688 pink (90%), and 23,720 chum salmon (88%; Appendices D4, D5, and D6). Sixty-five gillnet permit holders fished in AD and harvested 6 Chinook (3%), 193,994 (54%), 1,066 coho (35%), 150,869 pink (1%), and 3,176 chum salmon (17%; Appendices D3, D5, and D6).

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Appendix D2.—Map of the Alitak District showing sections, statistical areas, and closed waters, 2012.

Appendix D3.—Set gillnet daily salmon harvest, by species and section, for the Alitak District, 2012.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Olga Bay Section 257-40	9-Jun	9	12	0	0	3,411	18,184	0	0	0	0	0	0
	10-Jun	11	17	0	0	2,254	12,641	0	0	0	0	3	26
	20-Jun	12	26	0	0	5,078	27,883	0	0	0	0	23	214
	21-Jun	10	18	0	0	1,929	10,490	0	0	0	0	8	66
	22-Jun	10	10	0	0	778	4,147	0	0	2	7	6	53
	26-Jun	11	23	0	0	5,346	29,581	0	0	0	0	13	107
	27-Jun	10	16	0	0	1,672	9,292	0	0	0	0	19	150
	28-Jun	10	10	0	0	439	2,425	0	0	0	0	2	16
	2-Jul	13	15	0	0	2,169	12,085	0	0	2	8	36	317
	3-Jul	11	15	0	0	1,104	6,080	0	0	1	4	27	240
	4-Jul ^a												
	5-Jul	8	9	0	0	124	714	0	0	0	0	11	94
	6-Jul	5	5	0	0	26	144	0	0	1	4	7	51
	9-Jul	10	17	0	0	2,085	11,520	0	0	6	24	31	281
	10-Jul	7	9	0	0	832	4,707	0	0	5	20	20	160
	11-Jul	6	6	0	0	169	972	0	0	4	17	6	48
	12-Jul	6	7	0	0	104	582	0	0	3	12	13	108
	13-Jul	5	5	0	0	148	812	0	0	3	12	6	48
	16-Jul	9	14	0	0	1,604	9,360	0	0	46	184	20	160
	17-Jul	9	11	0	0	572	3,097	0	0	24	96	24	227
	18-Jul	7	8	0	0	141	866	0	0	11	36	10	63
	19-Jul	6	8	0	0	155	877	0	0	19	69	5	59
	20-Jul	4	4	0	0	57	326	0	0	3	12	0	0
	23-Jul	9	15	0	0	1,490	8,311	0	0	252	1,037	15	118
	24-Jul	8	9	0	0	570	3,111	0	0	210	885	16	128
	25-Jul	5	5	0	0	105	552	0	0	42	169	5	49
	26-Jul ^a												
	27-Jul	3	3	0	0	30	164	0	0	23	88	1	8
	31-Jul	7	10	0	0	1,342	7,577	0	0	1,134	4,638	13	120
	1-Aug	9	11	0	0	1,176	6,552	0	0	1,694	6,770	20	136

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Olga Bay Section 257-40 (cont.)	2-Aug	7	9	0	0	394	2,155	0	0	1,148	4,597	14	121
	3-Aug	8	10	0	0	243	1,462	0	0	813	3,250	5	35
	4-Aug	5	5	0	0	630	3,470	0	0	1,501	6,000	6	48
	10-Aug	9	33	0	0	2,973	16,455	8	48	10,695	43,233	36	296
	11-Aug	10	15	0	0	1,811	9,957	13	78	6,831	27,756	35	280
	12-Aug	9	15	0	0	261	1,450	5	34	3,565	13,529	10	78
	13-Aug	6	10	0	0	199	1,110	9	54	2,372	9,840	21	168
	14-Aug	8	8	0	0	200	1,105	7	41	1,537	6,248	7	54
	28-Aug	6	10	0	0	1,391	7,655	66	532	249	998	19	165
	29-Aug	5	6	0	0	445	2,456	23	205	70	269	8	64
	30-Aug	5	5	0	0	399	2,199	41	263	73	296	6	48
	5-Sep ^a												
	6-Sep	4	6	0	0	261	1,475	53	391	30	122	13	108
	7-Sep	4	5	0	0	113	638	20	158	8	32	7	40
Total		29	439	0	0	41,911	231,582	247	1,817	29,571	118,944	515	4,304
Average weight					0.00		5.53		7.36		4.02		8.36
Moser Bay Section 257-43	9-Jun	8	8	0	0	1,280	6,385	0	0	0	0	0	0
	10-Jun	9	14	0	0	1,728	9,246	0	0	0	0	0	0
	20-Jun	10	12	0	0	3,235	17,384	0	0	0	0	5	47
	21-Jun	10	18	0	0	4,486	24,046	0	0	0	0	2	17
	22-Jun	9	10	0	0	1,495	8,020	0	0	0	0	1	10
	26-Jun	9	9	0	0	1,843	9,620	0	0	3	10	8	77
	27-Jun	9	15	1	26	3,790	19,788	0	0	1	3	9	84
	28-Jun	9	9	0	0	1,474	7,698	0	0	0	0	1	5
	2-Jul	9	9	0	0	2,340	12,334	1	6	2	8	30	233
	3-Jul	10	12	0	0	1,567	8,302	0	0	7	27	18	147
	4-Jul	9	10	0	0	936	5,001	0	0	22	84	27	213
	5-Jul	8	9	0	0	655	5,001	0	0	22	84	29	217
	6-Jul	8	8	1	5	424	2,232	0	0	14	54	9	69
	9-Jul	8	8	0	0	1,372	7,351	0	0	28	113	5	42
	10-Jul	9	13	0	0	1,692	9,028	0	0	29	109	5	44

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Moser Bay	11-Jul	9	9	0	0	1,126	5,953	0	0	35	134	30	239
Section	12-Jul	9	10	0	0	982	5,168	0	0	24	93	22	185
257-43	13-Jul	9	9	0	0	741	3,986	0	0	18	71	3	22
(cont.)	16-Jul	10	10	0	0	1,890	10,492	0	0	115	456	9	75
	17-Jul	11	17	0	0	2,619	14,545	1	9	162	644	19	157
	18-Jul	10	11	0	0	1,089	5,907	0	0	82	322	6	47
	19-Jul	11	14	1	19	1,508	8,207	0	0	226	912	12	93
	20-Jul	10	10	0	0	1,369	7,424	3	20	285	1,120	5	46
	23-Jul	10	10	0	0	872	4,838	1	8	365	1,428	6	50
	24-Jul	11	14	0	0	1,007	5,440	0	0	444	1,756	10	94
	25-Jul	10	12	0	0	948	5,282	3	18	444	1,786	10	86
	26-Jul	10	13	0	0	1,058	6,092	1	6	627	2,494	14	114
	27-Jul	9	9	0	0	888	5,081	1	7	403	1,621	4	38
	31-Jul	7	7	0	0	1,220	6,737	6	37	1,852	7,351	16	140
	1-Aug	9	14	0	0	1,113	6,255	0	0	1,710	6,814	10	91
	2-Aug	8	12	0	0	1,274	6,924	1	7	2,850	11,457	11	96
	3-Aug	9	13	0	0	1,330	7,363	5	37	2,442	9,815	14	131
	4-Aug	7	7	0	0	569	3,138	2	16	1,245	5,109	9	73
	10-Aug	9	10	0	0	2,306	12,797	10	76	5,697	23,427	24	209
	11-Aug	12	17	0	0	2,228	12,715	17	130	6,144	25,345	30	265
	12-Aug	9	9	0	0	651	3,571	27	200	5,471	22,261	20	184
	13-Aug	11	23	0	0	1,449	8,036	33	245	8,832	35,732	33	298
	14-Aug	4	5	0	0	471	2,809	9	62	2,220	7,018	3	24
	28-Aug	8	9	0	0	1,196	6,679	86	729	261	1,056	19	172
	29-Aug	8	12	0	0	1,073	6,034	60	519	239	983	8	80
	30-Aug	6	6	0	0	285	1,563	29	240	75	307	3	29
	6-Sep	5	5	0	0	250	1,398	22	182	9	40	4	37
	7-Sep	6	7	0	0	223	1,257	13	105	4	14	3	28
	8-Sep ^a												
Total		23	448	3	50	56,988	310,748	335	2,682	42,352	169,836	496	4,222
Average weight					16.67		5.45		8.01		4.01		8.51

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Alitak Bay Section 257-41	9-Jun	8	8	0	0	1,128	5,655	0	0	0	0	3	30
	10-Jun	14	25	0	0	2,716	14,343	0	0	0	0	0	0
	20-Jun	9	10	0	0	861	4,675	0	0	2	6	4	29
	21-Jun	16	24	2	20	5,847	32,004	0	0	4	11	24	198
	22-Jun	17	25	0	0	3,678	20,077	0	0	6	18	26	193
	26-Jun	7	7	0	0	837	4,554	0	0	42	152	17	140
	27-Jun	13	18	0	0	2,550	13,602	0	0	7	24	23	180
	28-Jun	15	19	0	0	1,916	10,137	0	0	12	43	47	381
	2-Jul	8	9	0	0	830	4,476	0	0	151	608	54	455
	3-Jul	14	21	0	0	2,171	11,741	2	6	52	175	82	633
	4-Jul	14	21	0	0	2,488	13,644	0	0	286	974	178	1,471
	5-Jul	12	18	0	0	1,452	8,227	0	0	170	602	89	727
	6-Jul	14	23	0	0	2,688	14,979	0	0	239	873	110	870
	9-Jul ^a												
	10-Jul	15	20	0	0	2,258	12,128	1	3	91	318	65	540
	11-Jul	14	19	0	0	3,040	16,638	4	28	319	1,083	83	666
	12-Jul	15	22	0	0	3,800	20,459	6	39	474	1,816	113	933
	13-Jul	16	21	0	0	1,891	10,401	2	13	236	855	61	499
	16-Jul	7	7	0	0	1,499	8,391	2	9	121	452	9	63
	17-Jul	17	35	0	0	10,993	61,711	15	103	913	3,446	100	821
	18-Jul	16	26	0	0	5,506	33,411	1	7	1,012	3,668	57	462
	19-Jul	13	15	0	0	2,455	13,398	5	33	642	2,579	58	462
	20-Jul	14	20	0	0	1,355	7,578	0	0	250	931	22	192
	23-Jul ^a												
	24-Jul	14	19	0	0	1,086	5,990	2	6	777	2,845	27	224
	25-Jul	15	21	0	0	1,849	10,508	1	6	1,749	6,857	67	561
	26-Jul	13	16	0	0	1,031	5,871	0	0	815	3,116	29	238
	27-Jul	16	21	0	0	1,452	8,332	1	7	1,856	6,985	35	291
	31-Jul	3	3	0	0	162	905	1	8	808	3,212	4	36
	1-Aug	14	19	0	0	1,422	8,139	6	49	3,048	12,295	53	462

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Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Alitak Bay	2-Aug	15	16	0	0	2,213	12,070	4	31	4,346	17,528	52	451
Section	3-Aug	15	18	0	0	2,086	11,627	1	8	5,481	22,082	70	597
257-41	4-Aug	14	24	0	0	1,570	8,858	9	72	4,299	16,988	49	407
(cont.)	10-Aug	6	6	0	0	313	1,782	2	15	1,055	4,107	11	97
	11-Aug	16	35	0	0	3,652	21,079	46	352	12,871	48,757	107	949
	12-Aug	15	20	0	0	1,873	10,767	22	169	10,898	41,088	70	594
	13-Aug	17	32	0	0	1,820	10,420	82	566	11,825	43,574	112	931
	14-Aug	13	23	1	5	2,027	11,727	52	312	9,803	34,673	74	579
	28-Aug ^a												
	29-Aug	11	19	0	0	1,827	10,461	75	607	358	1,362	33	268
	30-Aug	10	16	0	0	1,045	6,042	102	794	106	398	24	193
	6-Sep ^a												
	7-Sep	6	8	0	0	425	2,504	30	239	20	73	26	204
	8-Sep	4	6	0	0	211	1,242	9	59	7	19	7	48
Total		29	740	3	25	89,513	498,706	484	3,549	76,069	288,218	2,122	17,485
Average weight													
Grand Total		65	1,627	6	75	188,412	1,041,036	1,066	8,048	147,992	576,998	3,133	26,011
Average weight					12.50		5.53		7.55		3.90		8.30

^a Confidential

Appendix D4.–Purse seine daily salmon harvest, by species and section, for the Alitak District, 2012.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Cape Alitak Section (257-10 & 20)	9-Jun	7	7	7	82	5,744	33,176	0	0	7	26	217	1,543
	21-Jun	3	3	15	163	1,951	11,158	0	0	18	66	50	418
	22-Jun	5	5	11	137	2,524	14,283	0	0	39	131	83	657
	26-Jun ^a												
	27-Jun	14	14	19	279	6,824	38,907	1	12	185	587	261	2,130
	28-Jun	6	6	1	5	1,764	10,961	0	0	95	305	50	394
	29-Jun ^a												
	3-Jul	13	15	11	143	11,249	70,474	1	7	2,101	6,391	1,225	9,935
	4-Jul												
	5-Jul	6	7	3	37	7,571	49,207	2	12	1,592	4,886	525	4,256
	6-Jul	3	3	3	29	3,034	19,444	0	0	438	1,313	238	1,931
	7-Jul ^a												
	10-Jul	18	18	19	264	9,648	60,765	12	69	5,208	15,693	531	4,299
	11-Jul	9	9	7	64	8,386	47,451	9	49	4,221	12,605	507	4,467
	12-Jul	16	17	14	165	24,756	158,246	18	119	7,708	27,183	1,594	9,093
	13-Jul	4	4	4	23	9,856	42,179	253	1,771	3,065	9,688	516	3,433
	16-Jul	3	3	0	0	1,448	7,034	0	0	356	1,069	342	2,410
	17-Jul	16	17	9	105	12,660	64,045	44	205	17,170	52,497	2,390	17,156
	18-Jul	9	9	15	156	6,977	34,002	26	156	8,751	26,688	427	2,865
	19-Jul	4	4	4	32	1,370	6,545	2	9	5,838	21,398	276	1,707
	20-Jul ^a												
	24-Jul	10	10	10	129	2,579	17,313	12	74	24,958	74,882	792	6,358
	25-Jul	6	7	3	18	1,527	10,184	12	88	18,007	53,904	242	1,948
	26-Jul	6	6	3	57	1,080	6,831	8	56	17,761	57,873	241	1,883
	28-Jul ^a												
	1-Aug	6	6	1	10	1,031	5,214	3	14	27,854	105,495	191	1,313
	2-Aug	4	4	1	14	2,334	12,540	5	23	18,981	75,920	206	1,465
	3-Aug	3	3	0	0	1,182	7,090	10	59	14,701	51,454	132	1,054
	4-Aug ^a												

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Cape Alitak	11-Aug	4	5	2	18	3,085	19,540	154	939	30,271	105,310	264	2,039
Section	12-Aug ^a												
(257-10 & 20)	14-Aug	4	4	1	13	2,280	14,553	185	1,148	28,633	85,904	512	4,109
(cont.)	15-Aug	3	3	0	0	439	2,300	12	84	3,020	9,875	22	156
	29-Aug	4	4	0	0	714	4,292	512	3,871	1,000	2,997	55	456
	30-Aug ^a												
Total		52	207	190	2,202	141,179	820,951	1,509	10,560	273,590	915,492	12,750	93,778
Average weight					11.59		5.81		7.00		3.35		7.36
Humpy-Deadman	27-Jun	3	3	3	100	401	2,455	0	0	12	69	16	153
Section	3-Jul ^a												
(257-50,60 & 70)	6-Jul ^a												
	10-Jul	8	8	3	29	3,965	25,079	0	0	1,182	3,563	428	3,389
	11-Jul	3	3	2	21	4,429	27,917	0	0	593	1,781	158	1,274
	18-Jul ^a												
	20-Jul	5	5	4	41	2,162	14,341	10	51	11,572	34,720	185	1,490
	21-Jul ^a												
	22-Jul	8	8	8	123	3,486	23,596	9	41	37,215	111,646	517	4,153
	23-Jul ^a												
	24-Jul	3	3	1	32	817	4,716	8	44	8,496	31,916	131	1,125
	25-Jul ^a												
	27-Jul	9	9	3	43	897	5,780	5	34	63,439	201,104	304	2,499
	28-Jul	9	9	0	0	346	2,213	6	31	73,114	229,974	214	1,724
	29-Jul	8	8	0	0	255	1,525	8	49	39,347	177,101	252	1,753
	30-Jul	10	10	0	0	701	4,241	5	28	55,238	237,051	332	2,566
	31-Jul	7	7	0	0	203	1,164	0	0	34,156	121,820	194	1,547
	1-Aug	5	5	0	0	659	3,367	0	0	38,961	139,115	472	3,472
	3-Aug ^a												
	4-Aug	12	12	1	34	827	5,223	10	59	49,205	158,323	232	1,724
	5-Aug	9	9	0	0	316	1,844	8	42	57,108	188,454	270	2,155

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Humpy-Deadman Section (257-50,60 & 70) (cont.)	6-Aug	11	11	0	0	709	4,195	2	13	50,740	208,531	252	1,813
	7-Aug	7	7	0	0	304	1,902	6	37	37,341	129,171	221	1,728
	8-Aug	11	14	1	17	145	874	1	4	69,076	209,029	282	2,338
	10-Aug	12	20	0	0	11	66	1	6	164,442	626,899	826	6,224
	13-Aug	5	5	0	0	8	46	6	44	35,519	135,721	1,041	9,536
	13-Aug ^a												
	14-Aug	3	3	0	0	242	1,177	22	183	23,302	83,084	357	3,221
	15-Aug	4	4	0	0	2	16	9	78	18,099	59,860	505	4,550
	16-Aug	7	8	0	0	102	529	22	139	36,254	113,748	637	5,263
	17-Aug	7	7	0	0	291	1,789	37	271	53,309	169,345	1,295	11,378
	18-Aug	4	5	0	0	109	674	21	157	30,832	104,526	384	3,137
	19-Aug	5	5	1	5	56	338	23	188	28,813	94,375	241	2,021
	20-Aug	6	6	0	0	815	5,375	67	525	25,091	84,061	283	2,239
	21-Aug	4	4	0	0	213	1,284	47	333	8,768	28,332	72	554
	22-Aug	5	5	0	0	131	792	34	203	25,077	81,166	213	1,702
	23-Aug ^a												
	24-Aug	6	6	0	0	149	885	87	554	25,464	79,239	53	397
Total		32	222	28	463	26,114	160,126	469	3,214	1,139,098	3,968,355	10,970	90,238
Average weight					16.54		6.13		6.85		3.48		8.23
Grand Total		57	429	218	2,665	167,293	981,077	1,978	13,774	1,412,688	4,883,847	23,720	184,016
Average weight					12.22		5.86		6.96		3.46		7.76

^a Confidential.

Appendix D5.–Salmon harvest by gear type and species for the Alitak District, 2012.

	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Purse Seine														
Total	57	429	218	2,665	167,293	981,077	1,978	13,774	1,412,688	4,883,847	23,720	184,016	1,605,897	6,065,379
Avg.Wt.				12.22		5.86		6.96		3.46		7.76		
Set Gillnet														
Total	65	1,645	6	75	193,994	1,070,036	1,066	8,045	150,869	588,596	3,176	26,353	349,111	1,693,105
Avg.Wt.				12.50		5.52		7.55		3.90		8.30		
Year Total	122	2,074	224	2,740	361,287	2,051,113	3,044	21,819	1,563,557	5,472,443	26,896	210,369	1,955,008	7,758,484
Avg.Wt.				12.23		5.68		7.17		3.50		7.82		

Appendix D6.—Commercial salmon harvest, by species with percent harvest by gear type, in the Alitak District, 1954–2012.

Year	Chinook ^a			Sockeye ^a			Coho ^a			Pink ^a			Chum ^a			Total ^a		
	Number	GN	PS	Number	GN	PS	Number	GN	PS	Number	GN	PS	Number	GN	PS	Number	GN	PS
1954	3	33%	67%	44,448	94%	6%	1,118	93%	7%	490,038	47%	53%	55,788	19%	81%	591,395	48%	52%
1955	38	74%	26%	56,058	89%	11%	410	68%	32%	1,656,363	15%	85%	100,031	17%	83%	1,812,900	18%	82%
1956	10	10%	90%	62,673	77%	23%	904	25%	75%	335,669	30%	70%	55,967	11%	89%	455,223	34%	66%
1957	7	14%	86%	15,365	88%	12%	378	31%	69%	410,620	12%	88%	49,661	27%	73%	476,031	16%	84%
1958	11	0%	100%	30,542	79%	21%	488	33%	67%	770,851	29%	71%	81,255	8%	92%	883,147	29%	71%
1959	11	18%	82%	24,888	59%	41%	378	30%	70%	544,592	23%	77%	70,589	8%	92%	640,458	23%	77%
1960	29	17%	83%	68,472	77%	23%	2,129	77%	23%	1,561,476	25%	75%	102,432	13%	87%	1,734,538	26%	74%
1961	23	4%	96%	145,781	67%	33%	1,470	49%	51%	1,589,027	14%	86%	60,600	18%	82%	1,796,901	19%	81%
1962	5	20%	80%	124,496	75%	25%	1,792	79%	21%	1,886,769	23%	77%	54,115	26%	74%	2,067,177	26%	74%
1963	30	7%	93%	54,992	60%	40%	1,202	31%	69%	1,522,856	14%	86%	42,836	10%	90%	1,621,916	15%	85%
1964	29	10%	90%	50,167	72%	28%	2,324	76%	24%	1,408,731	46%	54%	34,460	13%	87%	1,495,711	46%	54%
1965	16	6%	94%	68,876	68%	32%	688	16%	84%	1,129,185	11%	89%	20,604	17%	83%	1,219,369	14%	86%
1966	2	50%	50%	70,526	91%	9%	585	78%	22%	429,204	40%	60%	33,153	18%	82%	533,470	46%	54%
1967	6	0%	100%	14,227	82%	18%	50	0%	100%	84,918	66%	34%	17,377	55%	45%	116,578	66%	34%
1968	16	44%	56%	40,662	86%	14%	3,701	79%	21%	1,046,221	21%	79%	29,450	35%	65%	1,120,050	24%	76%
1969	27	37%	63%	98,722	54%	46%	7,240	7%	93%	3,768,917	8%	92%	45,134	15%	85%	3,920,040	10%	90%
1970	8	50%	50%	81,528	76%	24%	4,540	73%	27%	949,488	27%	73%	93,306	15%	85%	1,128,870	30%	70%
1971	33	30%	70%	124,480	55%	45%	2,261	66%	34%	1,066,180	10%	90%	191,437	7%	93%	1,384,391	14%	86%
1972	15	40%	60%	22,127	70%	30%	1,270	51%	49%	187,154	17%	83%	93,236	6%	94%	303,802	18%	82%
1973	4	50%	50%	10,338	62%	38%	125	70%	30%	49,932	35%	65%	24,408	19%	81%	84,807	34%	66%
1974	19	16%	84%	66,605	52%	48%	1,284	49%	51%	363,389	9%	91%	22,220	9%	91%	453,517	16%	84%
1975	0	0%	0%	16,515	72%	28%	1,627	3%	97%	235,720	11%	89%	2,855	40%	60%	256,717	15%	85%
1976	18	28%	72%	96,668	71%	29%	3,518	53%	47%	1,804,003	26%	74%	66,183	14%	86%	1,970,390	28%	72%
1977	20	40%	60%	78,805	69%	31%	1,343	57%	43%	961,673	23%	77%	70,978	12%	88%	1,112,819	26%	74%
1978	694	58%	42%	218,165	59%	41%	2,788	52%	48%	4,191,756	12%	88%	72,166	16%	84%	4,485,569	14%	86%
1979	108	24%	76%	317,906	50%	50%	15,007	54%	46%	1,664,249	7%	93%	22,454	32%	68%	2,019,724	14%	86%
1980	34	21%	79%	208,200	83%	17%	12,972	34%	66%	2,033,236	12%	88%	67,471	12%	88%	2,321,913	18%	82%
1981	45	13%	87%	346,073	74%	26%	17,011	55%	45%	2,073,629	13%	87%	61,513	37%	63%	2,498,271	22%	78%
1982	43	30%	70%	476,862	86%	14%	29,378	40%	60%	519,880	27%	73%	101,543	22%	78%	1,127,706	52%	48%
1983	159	12%	88%	460,087	59%	41%	28,953	45%	55%	1,318,526	7%	93%	107,786	21%	79%	1,915,511	21%	79%
1984	290	11%	89%	382,729	67%	33%	25,299	51%	49%	433,806	25%	75%	84,924	24%	76%	927,048	43%	57%
1985	199	21%	79%	703,186	63%	37%	43,914	48%	52%	1,057,912	14%	86%	84,760	33%	67%	1,889,971	34%	66%
1986	134	17%	83%	1,247,976	58%	42%	30,548	44%	56%	728,205	17%	83%	75,643	16%	84%	2,082,506	42%	58%
1987	105	11%	89%	515,410	63%	37%	17,959	53%	47%	916,875	9%	91%	59,723	37%	63%	1,510,072	29%	71%
1988	624	11%	89%	1,123,474	58%	42%	30,001	38%	62%	385,735	35%	65%	93,391	35%	65%	1,633,225	51%	49%

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Year	Chinook ^a			Sockeye ^a			Coho ^a			Pink ^a			Chum ^a			Total ^a		
	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%
1989 ^b	106	100%	0%	1,284,174	100%	0%	1,613	100%	0%	182,217	100%	0%	19,911	100%	0%	1,488,021	100%	0%
1990	807	17%	83%	1,435,461	52%	48%	18,176	65%	35%	144,927	13%	87%	50,304	36%	64%	1,649,675	48%	52%
1991	821	10%	90%	2,062,718	58%	42%	24,601	52%	48%	2,373,516	5%	95%	83,003	24%	76%	4,544,659	30%	70%
1992	1,056	9%	91%	525,158	53%	47%	24,548	55%	45%	59,268	28%	72%	34,580	43%	57%	644,610	50%	50%
1993	1,828	10%	90%	998,751	53%	47%	19,271	40%	60%	3,465,473	6%	94%	53,636	27%	73%	4,538,959	17%	83%
1994	1,946	8%	92%	931,328	54%	46%	32,312	44%	56%	1,120,832	9%	91%	112,191	18%	82%	2,198,609	29%	71%
1995	848	15%	85%	1,674,169	47%	53%	19,000	47%	53%	7,065,939	6%	94%	105,224	17%	83%	8,865,180	14%	86%
1996	569	18%	82%	1,458,215	54%	46%	35,529	47%	53%	553,424	39%	61%	65,250	29%	71%	2,112,987	49%	51%
1997	291	31%	69%	685,635	59%	41%	33,549	41%	59%	955,253	15%	85%	85,710	34%	66%	1,760,438	33%	67%
1998	1,487	6%	94%	1,003,245	57%	43%	32,185	47%	53%	1,704,581	26%	74%	40,554	40%	60%	2,782,052	37%	63%
1999	271	12%	88%	633,579	70%	30%	13,126	74%	26%	1,353,933	12%	88%	79,000	16%	84%	2,079,909	30%	70%
2000	433	10%	90%	558,674	57%	43%	10,131	51%	49%	243,161	30%	70%	67,189	17%	83%	879,588	47%	53%
2001	651	11%	89%	461,785	64%	36%	2,471	24%	76%	1,439,930	7%	93%	52,521	21%	79%	1,957,358	26%	74%
2002	13	0%	100%	14,575	0%	100%	1,060	0%	100%	1,078,120	0%	100%	10,164	0%	100%	1,103,932	0%	100%
2003	298	3%	97%	341,402	67%	33%	10,592	45%	55%	497,822	18%	82%	31,866	22%	78%	881,980	38%	62%
2004	1,316	4%	96%	1,156,539	61%	39%	15,897	54%	46%	1,420,188	24%	76%	38,348	40%	60%	2,632,288	41%	59%
2005	602	8%	92%	777,905	60%	40%	6,977	56%	44%	4,193,022	4%	96%	22,839	40%	60%	5,001,027	87%	13%
2006	55	7%	93%	86,286	76%	24%	4,449	63%	37%	2,872,970	5%	95%	46,904	5%	95%	3,010,664	7%	93%
2007	23	26%	74%	85,469	80%	20%	2,456	62%	38%	474,016	15%	85%	47,931	9%	91%	609,895	24%	76%
2008	265	3%	97%	743,052	63%	37%	15,390	17%	83%	712,242	22%	88%	78,694	7%	93%	1,549,643	41%	59%
2009	204	4%	96%	631,312	64%	36%	7,883	40%	60%	3,996,164	3%	97%	72,497	10%	90%	4,708,060	11%	89%
2010	158	3%	97%	115,938	79%	21%	14,547	25%	75%	146,363	44%	56%	18,836	20%	80%	295,842	55%	45%
2011	2,633	1%	99%	318,208	56%	44%	6,094	21%	79%	4,896,501	1%	99%	44,699	17%	83%	5,268,135	5%	95%
2012	219	3%	97%	359,047	54%	46%	2,907	32%	68%	1,559,132	10%	90%	26,724	12%	88%	1,948,029	18%	82%
Averages ^b :																		
1954–2011	340	18%	80%	423,990	66%	34%	11,314	47%	53%	1,409,551	19%	81%	61,252	21%	79%	1,906,443	30%	70%
2002–2011	557	6%	94%	427,069	61%	39%	8,535	38%	62%	2,028,741	14%	87%	41,278	17%	83%	2,506,147	31%	69%

Note: GN = gillnet; PS = purse seine

^a ADF&G test fish harvest is not included.

^b The harvest during 1989 is not included in averages because of fishery restrictions and unusual fishing patterns due to the M/V *Exxon Valdez* oil spill.

APPENDIX E. WESTSIDE FISHERY SUMMARY

INTRODUCTION

Westside Kodiak Harvest Strategy

The Westside Kodiak Salmon Management Plan (WKSMP) is the achievement of long-term management strategies that were initially implemented in 1971 and placed into regulation in 1990. Placing the management plan in regulation clarified the management strategy and helped maintain the biological integrity of local salmon stocks while alleviating allocative concerns of local fishermen (Prokopowich et al. 1991).

The intent of this management plan is to harvest salmon bound to local systems in traditional fisheries. Due to the mixing of various local salmon stocks during inshore migration, the plan is complex, but it provides a predictable framework for the harvest of major sockeye, pink, chum, and coho salmon stocks from the west side of Kodiak. The plan is in effect for the entire salmon season and covers the Southwest and Northwest Kodiak districts, as well as the Southwest Afognak Section (Appendix E2). The management plan guides the prosecution of early- and late-run sockeye salmon fisheries, including those targeting the major systems of Karluk and Ayakulik and other minor sockeye salmon systems, as well as local pink, chum, and coho salmon fisheries.

The Northwest Kodiak District and Southwest Afognak Section

The Northwest Kodiak District and the Southwest Afognak Section can be broken up into two distinct areas: the outer cape areas and the inner bays. The Central, North Cape, and Southwest Afognak sections consist of the outer capes between Rocky Point in the west, Cape Paramanof in the north, and Monashka Bay in the east. The inner bays consist of the eight bays in the Northwest Kodiak District: Anton Larsen, Sharatin, Kizhuyak, Terror, Inner Uganik, Spiridon, Zachar, and Inner Uyak bays (Appendix E2).

The Central, North Cape, and Southwest Afognak Sections

The Central Section is open to seine and set gillnet gear types. The Southwest Afognak and North Cape sections are only open to seine gear. In June these areas are opened and closed based on Karluk Lake early-run sockeye salmon escapement. From June 1 through June 15, the ADF&G is directed to open two mandatory 33-hour fishing periods to gauge the run strength of sockeye salmon returning to Karluk, Ayakulik, and Olga Bay systems. The Southwest Afognak Section can only open for one 33-hour fishing period from June 1 through June 15. From June 15 through July 5, openings are based on the early-run sockeye salmon returning to Karluk Lake.

The pink salmon fishery opens on July 6, and the length of the initial weekly fishing periods are based on the current year's (wild stock) pink salmon forecast. During the peak pink salmon harvest period, from late July to mid-August, fishing periods are adjusted to match the actual strength of the pink salmon run. However, the Southwest Afognak Section is also tied to the allocative considerations of the *North Shelikof Strait Sockeye Salmon Management Plan* between July 6 and July 25 and has a harvest cap of 50,000 sockeye salmon.

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During the August overlap period from approximately August 16 through August 24, the Central, North Cape, and Southwest Afognak sections are opened and closed based on both Karluk Lake late-run sockeye and pink salmon returning to the major systems of the Northwest Kodiak District and Southwest Afognak Section. By this time, the majority of the pink salmon have been harvested and Karluk Lake late-run sockeye salmon escapement has begun to increase. From August 25 through September 5 these areas are managed based on late-run sockeye salmon returning to Karluk. After September 5, the fishery is managed both on late-run sockeye salmon returning to Karluk and coho salmon returning to the major systems of the Northwest Kodiak District and Southwest Afognak Section. This blended management has allowed for the protection of both Northwest Kodiak District and Southwest Afognak Section salmon, as well as Karluk Lake sockeye salmon.

Northwest Kodiak District Inner Bays

The inner bays of the Northwest Kodiak District are open to seine gear only. From June 1 through June 15 the ADF&G is directed to open two mandatory 33-hour fishing periods at the same time as those in the Central and North Cape sections. From June 16 through July 5 openings are based on local sockeye and early-run chum salmon returning to each individual section.

From July 6 through July 31 the inner bays are opened to commercial salmon fishing based on local sockeye, pink, and early-run chum salmon returning to each section. The lengths of the initial weekly fishing periods are based on the current year's (wild stock) pink salmon forecast. However, the inner bays may be closed due to weak early-run chum or sockeye salmon escapement. Openings from August 1 through August 24 are based on pink and late-run chum salmon returning to each individual section. From August 25 through September 5 fishery openings are based on local pink, late-run chum, and coho salmon returning to each individual section. After September 5 openings are based only on coho salmon.

The Southwest Kodiak District

The Southwest Kodiak District is a seine gear only area and extends from Low Cape in the south to Rocky Point in the north. The Southwest Kodiak District can be broken down into three different areas: Inner and Outer Karluk sections in the north, Inner and Outer Ayakulik sections in the south, and the Halibut Bay and Sturgeon sections between the two. Management decisions within the Inner and Outer Karluk sections are primarily determined by salmon returning to the Karluk system. The Inner and Outer Ayakulik sections are managed on salmon returning to the Ayakulik system. The Halibut Bay and Sturgeon sections are managed based on a mixture of Olga Bay, Ayakulik, Karluk, and local salmon stocks. Both the Karluk and Ayakulik systems have very defined even-year-dominant pink salmon runs (Donnelly 1983; Eggers and Peltz 1991). Differences in system dynamics between even and odd years in July has resulted in different management practices depending on the relative pink salmon run strength within a year.

Inner and Outer Karluk Sections

From June 1 through July 15 the Inner and Outer Karluk sections are opened based on early-run sockeye salmon returning to Karluk Lake. However, the Inner Karluk section cannot be opened during this timeframe unless the ADF&G determines that the early-run Karluk sockeye

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salmon escapement goal will be exceeded. The inability to open the Inner Karluk Section prior to this determination led to continued overescapement of Karluk Lake sockeye salmon from 1999 to 2005. This produced a highly competitive rearing environment, taxing the forage base of Karluk Lake and affecting the growth of Karluk Lake sockeye salmon. This overescapement was probably a contributing factor in the poor Karluk Lake sockeye salmon runs from 2008 to 2011.

In odd years, from July 16 through August 24, Inner and Outer Karluk sections' commercial salmon fishing periods are based on late-run sockeye salmon. In even years openings are based on both late-run sockeye salmon and pink salmon returns. Openings from August 25 through September 5 are based on late-run Karluk Lake sockeye salmon. After September 5, openings are based on both late-run sockeye and coho salmon returning to the Karluk system.

Inner and Outer Ayakulik sections

From June 1 through July 15, commercial salmon fishing periods within the Inner and Outer Ayakulik sections are based on early-run sockeye salmon returning to Red Lake (Ayakulik River). In odd years, from July 16 through August 24, fishing periods are based on late-run sockeye salmon run strength. In even years during this timeframe, Inner and Outer Ayakulik sections fishing periods are based on late-run sockeye salmon and pink salmon run strengths. After approximately August 24, fishing periods are based on coho salmon returning to the Ayakulik system.

Sturgeon and Halibut Bay Sections

The Sturgeon and Halibut Bay sections are closed from June 1 through June 22 because of mixed Karluk, Ayakulik, and Olga Bay sockeye salmon stocks present at this time. From June 23 through July 15, openings are based on early-run sockeye salmon returning to Ayakulik and Karluk lakes. However, the Sturgeon River has one of the largest documented chum salmon runs in the KMA, and this early-run chum salmon system must also be taken into consideration when opening the Sturgeon Section during this time frame. From July 16 through August 24 in either even or odd years, fishing periods are determined based on Ayakulik or Karluk late-run sockeye salmon or pink salmon. After August 25, fishing periods are based on Karluk and Ayakulik late-run sockeye salmon run strength, as well as local coho salmon stocks.

2012 Westside Kodiak Fisheries

The ADF&G's preseason salmon forecasts predicted a surplus (in excess of escapement needs) of early-run sockeye salmon returning to Karluk Lake (86,000 fish), Frazer Lake (354,000 fish), Ayakulik River (513,000 fish; Eggers and Carroll 2012), and early-run Upper Station (60,000 fish).

The Karluk early-run sockeye salmon BEG is 110,000 to 250,000 fish. The 2012 targeted sockeye salmon escapement for Karluk Lake early-run was 175,000 fish. The Ayakulik early-run sockeye salmon sustainable escapement goal (SEG) is 140,000 to 280,000 fish. The 2012 targeted sockeye salmon escapement for the Ayakulik early run was 210,000 fish.

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The Karluk late-run sockeye salmon BEG is 170,000 to 380,000 fish. The 2012 targeted sockeye salmon escapement of 267,000 fish for Karluk Lake late run was based on a maximum sustained yield calculation (Nemeth et al. 2010). The Ayakulik late-run sockeye salmon SEG is 60,000 to 120,000 fish. The 2012 targeted sockeye salmon escapement of 90,000 fish for the Ayakulik late run was based on a maximum sustained yield calculation (Nemeth et al. 2010).

Karluk Early Run

The Karluk River weir was fish tight on May 17 (Fuerst 2013). Early sockeye salmon escapement was weak. Due to a weak Karluk Lake early-run sockeye salmon forecast and a low cumulative escapement, the first commercial test fishing period in the Northwest Kodiak District on June 9 was scheduled for only 33 hours. The resulting harvest indicated a weaker-than-expected run of sockeye salmon traveling along the Westside fishery.

On June 13, 56,112 sockeye salmon had passed the Karluk River weir, bringing the cumulative early-run to 59,935 fish, which was within the escapement objectives for that date. A second 33-hour period was allowed beginning June 14 in the Northwest Kodiak District and the Southwest Afognak Section of the Afognak District to test the strength of early-run Karluk and local Westside sockeye and chum salmon runs. The harvest from this opening indicated continued low salmon abundance.

On June 15 the cumulative early-run Karluk River escapement was 122,986 fish, which was near the upper end of the escapement objectives for this date. The Central and North Cape sections of the Northwest Kodiak District and the Southwest Afognak Section of the Afognak District were extended for 24 hours.

On June 16 Karluk River early-run cumulative escapement stood at 124,919 fish, which was within the escapement objectives for this date. Due to adequate escapement, the Central and North Cape sections of the Northwest Kodiak District and the Southwest Afognak Section of the Afognak District were extended for an additional 48 hours. The Outer Karluk Section of the Southwest Kodiak District was also opened for 33 hours.

By June 18 the cumulative early-run Karluk River escapement remained well within the escapement objectives for that date with escapement at 141,786 fish. Due to adequate escapement, the Central and North Cape sections of the Northwest Kodiak District, the Southwest Afognak Section of the Afognak District, and the Outer Karluk Section of the Southwest Kodiak District were extended for an additional 48 hours and later until further notice.

The 2012 Karluk Lake early-run sockeye salmon escapement of 186,810 fish (Fuerst 2013) was within the escapement goal range of 110,000 to 250,000 fish (Nemeth et al. 2010). From June 1 through July 15, approximately 305,540 sockeye salmon were harvested in the Westside fishery (Table 9). Of this harvest, approximately 47,801 fish were estimated to be of Karluk Lake origin (Moore 2013).

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Pink Run

On July 6, the Southwest Afognak Section of the Afognak District and the Central and North Cape sections and the majority of the inner bays of the Northwest Kodiak District opened to commercial salmon fishing for 57 hours based on the preseason wild stock pink salmon forecast of 9.5 million fish. The inner bay of Kizhuyak was closed due to weak early-run chum salmon escapement. The pink salmon harvest for the first fishing period was average.

On July 13, the Southwest Afognak Section of the Afognak District and the Central and North Cape sections and the majority of the inner bays of the Northwest Kodiak District opened for 81 hours. The inner bay of Kizhuyak was closed due to weak early-run chum salmon escapement. The pink salmon harvest for the second fishing period was average.

On July 20, the Southwest Afognak Section of the Afognak District and the Central and North Cape sections and the majority of the inner bays of the Northwest Kodiak District opened for 81 hours. The inner bay of Kizhuyak was closed due to weak early-run chum salmon escapement. Pink salmon harvests for the third fishing period were well above average. Early aerial surveys indicated several systems had early pink and chum salmon escapement, and on July 23 the Northwest Kodiak District (except the Kizhuyak Section) and the Southwest Afognak Section were extended for an additional 24 hours.

On July 27 the Southwest Afognak Section of the Afognak District and the Northwest Kodiak District opened for 105 hours. The Outer Karluk and Sturgeon sections of the southwest Kodiak District opened for 57 hours. The pink salmon harvest for the fourth opening was well above average. Aerial surveys on August 25 and 28 indicated that pink salmon escapement in the Northwest Kodiak District as well as Karluk Lagoon had increased significantly. On July 31 the Northwest Kodiak District and Southwest Afognak Section of the Afognak District were extended for 24 hours. The Outer Karluk and Sturgeon Bay sections of the Southwest Kodiak District were extended for 72 hours.

An aerial survey on July 30 indicated a significant buildup of pink salmon in most of the inner bays of the Northwest Kodiak District, and on August 1 the Northwest Kodiak District, the Southwest Afognak Section of the Afognak District, and the Sturgeon and Outer Karluk sections of the Southwest Kodiak District were extended for an additional 48 hours. Pink salmon harvest remained above average.

An aerial survey on August 2 indicated that pink salmon escapement had increased significantly and salmon were still building in the bays. However, both Zachar and Kizhuyak bays had below-average escapement. On August 3 the Northwest Kodiak District (except for the Zachar Bay Section) and the Southwest Afognak Section were extended for an additional 72 hours. Pink salmon harvest remained above average.

An aerial survey on August 6 indicated that pink salmon escapement had further increased and salmon were still building in the bays. Both Zachar and Kizhuyak bays had below-average escapement. On August 6 the Northwest Kodiak District (except for the Kizhuyak and Zachar Bay sections) and the Southwest Afognak Section were extended for an additional 48 hours. Pink

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salmon harvest remained above average. On August 8, due to well-above-average pink salmon harvest and recent aerial surveys, the majority of the Northwest Kodiak District was extended until further notice.

Karluk Late Run

Beginning August 16, the Southwest Afognak Section of the Afognak District and the Central and North Cape sections of the Northwest Kodiak District are managed based on both pink salmon returning to the Northwest Kodiak District and late-run sockeye salmon returning to the Karluk system.

On August 15, the cumulative late-run sockeye salmon escapement through Karluk River weir was 61,500 fish, with a significant buildup in the lagoon. With robust Northwest Kodiak District pink salmon escapement and strong late-run Karluk Lake sockeye salmon escapement, the Southwest Afognak Section of the Afognak District and the majority of the Northwest Kodiak District remained open until further notice.

On August 23, the cumulative late-run sockeye salmon escapement through Karluk River weir was 81,500 fish. With a buildup in the lagoon, the department opened the Outer Karluk and Sturgeon sections of the Southwest Kodiak District for 78 hours beginning August 25.

On August 28, an aerial survey indicated a large buildup of late-run sockeye salmon in Karluk lagoon in excess of escapement needs. On August 30 the Inner Karluk Section of the Southwest Kodiak District opened for 78 hours and was later extended until further notice.

The Karluk late-run sockeye salmon escapement of 305,000 fish was within the desired escapement goal range of 170,000 to 380,000 fish (Nemeth et al. 2010), and the Westside post-July 15 harvest included 416,255 late-run Karluk sockeye salmon.

Ayakulik

The 2012 Ayakulik sockeye salmon cumulative escapement lagged early in the season, but the passage of over 27,000 fish on June 21 and 22 brought the cumulative escapement within the desired range. The department then announced a short 57-hour fishing period in the Outer Ayakulik and Halibut Bay sections on June 22 to harvest fish in excess of escapement needs. During this fishing period, retention of Chinook salmon 28 inches or greater in length was not allowed in order to conserve Chinook salmon needed for escapement of both Karluk and Ayakulik systems. Due to adequate escapement the fishery was extended for 48 hours. Through July 15, the cumulative early-run Ayakulik sockeye salmon escapement of 213,501 fish (Fuerst 2013) was within the escapement goal range of 140,000 to 280,000 fish and slightly above the targeted goal of 190,000 fish (Nemeth et al. 2010).

On July 25, 16,515 late-run Ayakulik sockeye salmon and 57,298 pink salmon had passed Ayakulik River weir, within the anticipated returns for this date. On July 27 the Outer Ayakulik and Halibut Bay sections of the Southwest Kodiak District opened for 57 hours. Due to greater-than-expected escapement, the Outer Ayakulik and Halibut Bay sections of the Southwest Kodiak District were extended for a further 120 hours.

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On August 13, 81,500 late-run Ayakulik sockeye salmon and 363,913 pink salmon had passed Ayakulik River weir, which was within the desired escapement range for that date. On August 13 the Outer Ayakulik and Halibut Bay sections of the Southwest Kodiak District opened for 57 hours. Due to greater-than-expected escapement the Outer Ayakulik and Halibut Bay sections of the Southwest Kodiak District were extended for a further 72 hours.

After approximately August 24, the Inner and Outer Ayakulik sections of the Southwest Kodiak District are managed based on coho salmon returning to the Ayakulik system and the Halibut Bay Section of the Southwest Kodiak District is managed based on late-run Karluk Lake sockeye salmon. With above-average Ayakulik coho salmon escapement and adequate late-run Karluk Lake sockeye salmon escapement, the Outer Ayakulik and Halibut Bay section opened for 78 hours. The Outer Ayakulik Section was later extended for an additional 48 hours, and the Halibut Bay Section was extended until further notice.

The Ayakulik weir was operated through September 1. Despite almost continuous fishing allowed in the Outer Ayakulik, Sturgeon, and Halibut Bay sections after August 24, harvest effort was sporadic and most of the coho salmon run escaped. The weir estimated a moderately strong cumulative coho salmon escapement of 12,159 fish. The total late-run sockeye salmon escapement was estimated to be 114,753 fish, within the desired escapement goal range of 60,000 to 120,000 salmon (Nemeth et al. 2010).

The total sockeye salmon escapement through the Ayakulik weir (328,254 fish; Fuerst 2013) was within the combined early- and late-run escapement goals (200,000 to 400,000 fish; Nemeth et al. 2010). However, the harvest of Ayakulik sockeye salmon (247,544 fish) was below forecast (413,000 fish; Eggers and Carroll 2012).

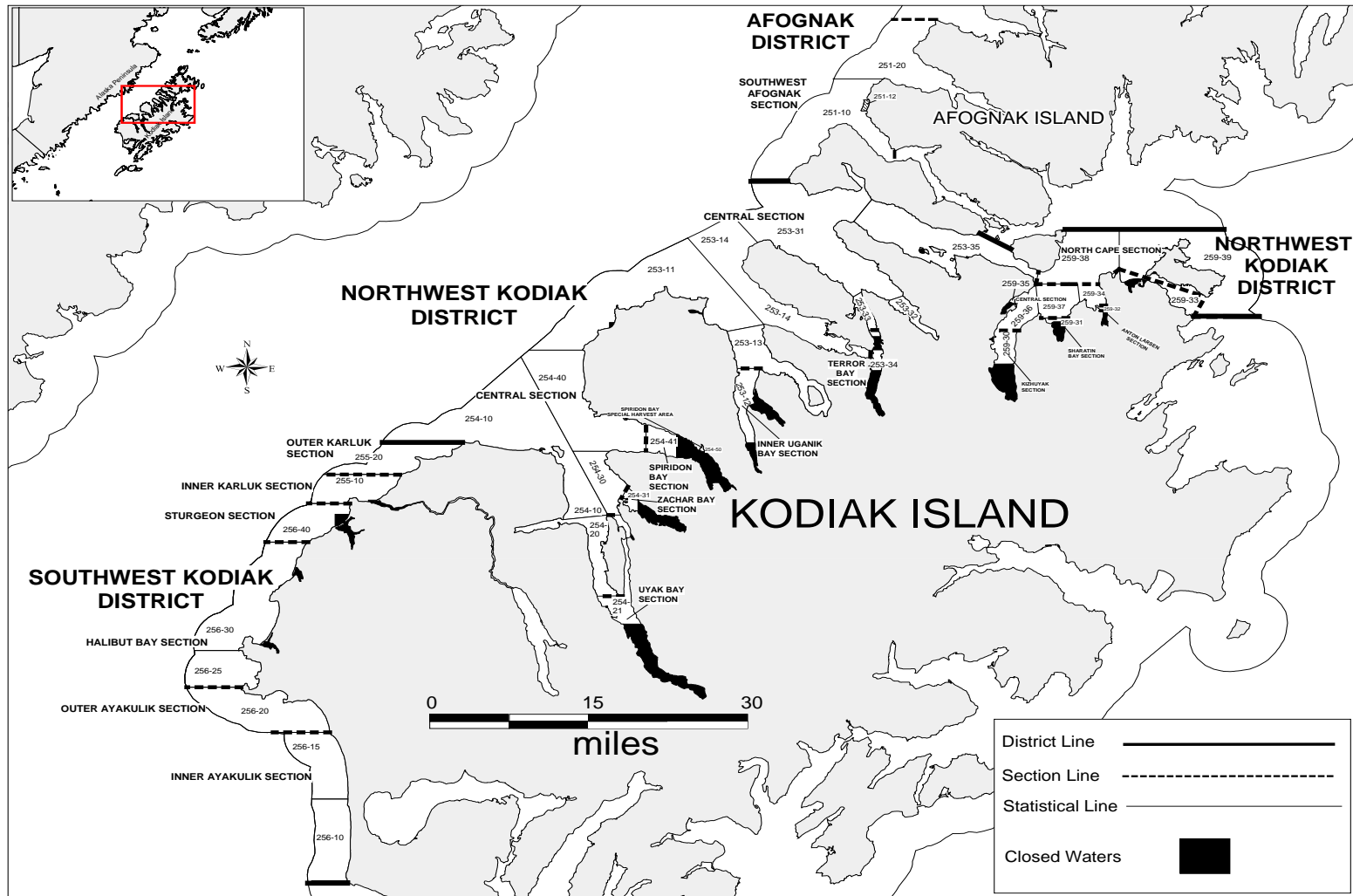
In 2012, there were a total of 5,805 landings made in Westside Kodiak management units (Southwest Afognak to Ayakulik¹) consisting of a total commercial harvest of 11,044,398 salmon, including 5,858 Chinook, 1,021,551 sockeye, 127,529 coho, 9,555,127 pink, and 334,333 chum salmon (Appendix E3). There were 151 seine permit holders that made 2,202 landings for 4,738 Chinook, 626,583 sockeye, 84,444 coho, 7,779,951 pink, and 242,731 chum salmon (Appendix E4). There were 99 set gillnet permit holders that made 3,578 landings for 1,120 Chinook, 394,968 sockeye, 43,085 coho, 1,775,176 pink, and 91,602 chum salmon. Commercial salmon harvests, by gear type, for individual Westside management units can be found in Appendices E5 and E6.

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¹ Westside Kodiak salmon harvest totals in Appendix E do not include salmon taken in the SBSHA. Sockeye salmon from an enhancement project return to this area. SBSHA is managed under a separate plan; see Appendix H for a description of the SBSHA fishery. These tables do include sockeye salmon destined for Spiridon Bay that were caught outside the SBSHA in the Westside fishery. These totals also do not include salmon taken in Settler Cove (259-35). Commercial fisheries in Settler Cove are managed under a separate plan.

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Appendix E2.—Map of the west side of Kodiak Island, including Southwest and Northwest Kodiak districts and the Southwest Afognak Section of the Afognak District.

Appendix E3.—Commercial salmon harvest, by species, for Westside management units in the Kodiak Management Area, 1975–2012.

Year	Permits	Landings	Number of Salmon					Total
			Chinook	Sockeye	Coho	Pink	Chum	
1975	274	2,001	50	75,983	14,439	1,441,658	36,358	1,568,488
1976	346	4,678	253	350,403	10,412	4,786,866	91,524	5,239,458
1977	324	3,462	454	363,690	12,619	2,107,769	115,435	2,599,967
1978	385	6,001	1,352	491,503	20,216	6,245,588	134,794	6,893,453
1979	399	5,121	611	185,363	47,043	3,860,734	59,469	4,153,220
1980	413	6,913	397	412,418	44,674	11,347,713	133,117	11,938,319
1981	374	4,810	911	415,405	36,672	3,188,599	247,097	3,888,684
1982	408	6,077	858	427,454	128,718	5,538,196	450,819	6,546,045
1983	398	5,141	2,353	297,330	49,418	1,730,453	374,319	2,453,873
1984	390	8,065	3,634	925,236	104,347	9,291,637	166,069	10,490,923
1985	365	6,097	4,306	920,143	97,516	1,981,000	226,819	3,229,784
1986	392	12,070	3,728	1,632,227	102,304	9,472,330	584,538	11,795,127
1987	380	6,360	2,268	754,943	85,055	1,643,187	261,601	2,747,054
1988	416	11,700	11,848	998,895	141,115	8,574,478	609,946	10,336,282
1989 ^a	5	10	0	3,489	986	1,005	53	5,533
1990	455	12,604	12,090	3,383,351	176,475	3,674,278	218,883	7,465,077
1991	434	11,957	11,780	2,842,802	179,852	5,588,982	346,193	8,969,609
1992	429	11,121	17,238	2,306,791	128,737	1,538,305	302,779	4,293,850
1993	406	12,106	21,019	2,426,540	124,497	10,344,080	300,571	13,216,707
1994	350	8,024	16,930	1,236,314	135,365	3,873,574	329,281	5,591,464
1995	369	13,104	13,819	2,071,281	147,204	21,025,711	722,649	23,980,664
1996	328	7,808	10,437	2,536,733	71,984	1,780,755	365,034	4,764,943
1997	334	7,752	11,152	1,412,061	108,459	6,520,085	214,730	8,266,487
1998	290	9,623	13,886	2,220,631	163,102	12,335,360	176,636	14,909,615
1999	317	8,497	12,795	2,734,413	104,836	4,114,567	267,471	7,234,082
2000	306	7,555	9,382	1,600,262	111,908	5,343,309	379,444	7,444,305
2001	265	6,815	18,317	1,617,700	143,681	3,687,193	381,098	5,847,989
2002	228	5,369	14,921	1,179,697	166,377	9,445,914	250,153	11,057,062
2003	227	7,511	13,775	2,975,163	156,308	5,406,727	329,543	8,881,516
2004	225	8,919	23,744	2,413,242	259,500	14,756,880	604,428	18,057,794
2005	204	6,671	11,034	1,457,611	183,158	6,178,927	243,153	8,073,883
2006	211	8,277	16,139	1,200,357	251,605	20,205,610	402,314	22,076,025
2007	219	6,868	13,384	1,512,091	167,437	8,720,592	219,689	10,633,193
2008	199	3,387	13,124	634,056	92,170	3,732,346	223,658	4,695,354
2009	197	3,505	1,621	577,894	57,364	4,936,957	353,915	5,927,751
2010	235	2,982	6,062	640,339	75,331	3,837,746	227,172	4,786,650
2011	222	2,438	4,676	507,603	58,970	955,492	134,701	1,661,442
2012	250	5,805	5,858	1,021,551	127,529	9,555,127	334,333	11,044,398
Average ^a								
2002–2011	217	5,593	11,848	1,309,805	146,822	7,817,719	298,873	9,585,067
1975–2011	325	7,261	8,899	1,326,053	109,969	6,367,044	291,261	8,103,226

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District (except the Spiridon Bay Special Harvest Area and Settler Cove), and the Southwest Kodiak District. Harvest numbers do not include test fish harvests or commercial harvest retained for personal use.

^a Commercial salmon fisheries were severely restricted in 1989 due to the presence of oil from the M/V *Exxon Valdez* spill. Averages do not include 1989.

Appendix E4.—Commercial salmon harvest, by gear type and species, for Westside management units, 2012.

Gear	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Seine	151	2,227	4,738	34,110	626,583	3,348,268	84,444	594,762	7,779,951	27,785,475	242,731	2,027,795	8,738,447	33,790,410
Average weight				7.20		5.34		7.04		3.57		8.35		
Set Gillnet	99	3,578	1,120	11,394	394,968	2,250,696	43,085	297,906	1,775,176	7,202,398	91,602	694,333	2,305,951	10,456,727
Average weight				10.17		5.70		6.91		4.06		7.58		
Grand total	250	5,805	5,858	45,504	1,021,551	5,598,964	127,529	892,668	9,555,127	34,987,873	334,333	2,722,128	11,044,398	44,247,137
Average weight				7.77		5.48		7.00		3.66		8.14		

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District (except for the Spiridon Bay Special Harvest Area and Settler Cove), and the Southwest Kodiak District. Harvest numbers do not include test fish harvests or commercial harvest retained for personal use.

Appendix E5.—Seine daily salmon harvest, by species, for the Westside Management Plan units, 2012.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section	17-Jun	3	3	14	70	1,046	5,443	0	0	193	811	125	1,036
	20-Jun ^a												
	24-Jun ^a												
	25-Jun ^a												
	26-Jun ^a												
	27-Jun ^a												
	30-Jun ^a												
	2-Jul ^a												
	9-Jul ^a												
	15-Jul ^a												
	19-Jul ^a												
	20-Jul	7	7	96	692	6,806	33,520	155	985	29,683	92,064	1,962	16,391
	21-Jul	6	6	32	274	4,665	24,716	162	1,045	23,176	72,101	1,755	14,601
	22-Jul	13	13	109	800	10,361	53,125	402	2,411	58,103	175,108	5,149	45,079
	23-Jul	7	7	20	260	4,225	23,847	100	727	14,920	54,794	1,870	15,119
	24-Jul	13	14	62	471	6,624	38,326	250	1,673	19,855	68,748	3,568	26,824
	27-Jul	9	9	80	560	1,377	7,402	349	2,479	42,760	132,219	946	8,385
	28-Jul	5	5	14	118	508	2,828	83	516	22,506	69,516	329	2,687
	29-Jul	3	3	45	213	461	2,282	205	1,186	14,435	43,310	289	2,520
	30-Jul	5	5	53	349	1,826	9,580	423	2,861	43,969	137,876	1,175	10,230
	31-Jul	5	5	23	170	683	3,404	160	976	32,024	117,888	433	3,282
	1-Aug	10	10	55	407	1,162	6,007	624	4,042	61,005	223,184	1,370	12,055
	2-Aug	8	8	37	361	1,083	5,584	383	2,794	47,627	159,749	961	8,128
	3-Aug	8	8	31	349	656	3,499	213	1,655	38,611	123,403	746	6,453
	4-Aug	5	5	17	101	136	759	84	574	24,064	81,146	343	2,758
	5-Aug ^a												
	6-Aug	4	4	4	44	187	1,218	50	383	21,631	90,267	1,041	9,170
	7-Aug	6	6	4	54	188	980	121	804	57,335	203,706	373	3,114
	8-Aug	8	8	2	30	188	1,066	354	2,414	49,510	186,456	486	4,017
	9-Aug	4	4	5	46	105	434	288	2,049	21,198	78,551	358	3,587
	11-Aug ^a												
	12-Aug ^a												
	13-Aug ^a												

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Appendix E5.—Page 2 of 7.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section (cont.)	14-Aug ^a												
	15-Aug	4	4	0	0	207	918	166	1,185	18,977	66,345	131	1,042
	16-Aug	8	10	2	37	846	4,269	774	5,954	53,261	176,944	424	3,497
	17-Aug	3	3	2	19	238	1,400	182	1,666	12,891	46,406	312	2,809
	18-Aug	6	6	11	120	292	1,636	938	7,033	30,499	102,724	559	5,056
	19-Aug	7	7	5	48	281	1,717	766	5,598	29,008	106,670	572	4,756
	20-Aug ^a												
	21-Aug ^a												
	22-Aug												
	23-Aug ^a												
	24-Aug ^a												
	25-Aug ^a												
Total		55	192	830	6,464	50,906	270,967	9,151	65,000	843,507	2,865,892	27,929	235,120
Average weight					7.8		5.3		7.1		3.4		8.4
Nothwest Kodiak District ^b	9-Jun	4	4	0	0	1185	6,802	0	0	0	0	5	36
	10-Jun	5	5	2	14	1,701	7,960	0	0	10	30	53	364
	13-Jun ^a												
	14-Jun	8	8	5	67	1,991	11,080	0	0	95	296	406	3,167
	15-Jun	12	12	34	240	5,002	28,638	0	0	230	729	1,161	8,935
	16-Jun	8	8	6	32	3,572	20,414	0	0	207	684	1,099	7,220
	17-Jun	7	7	1	5	1,704	9,110	0	0	149	404	260	1,937
	18-Jun	7	7	2	24	825	4,410	0	0	65	201	118	738
	21-Jun	3	3	3	9	113	646	0	0	9	30	53	374
	22-Jun ^a												
	23-Jun ^a												
	24-Jun ^a												
	25-Jun	6	6	5	46	1,403	7,611	0	0	467	1,436	282	2,788
	26-Jun ^a												
	27-Jun	10	10	17	148	2,213	11,009	0	0	670	1,661	1,871	16,153
	28-Jun	6	6	18	94	984	5,754	0	0	384	1,267	1,170	9,534
	29-Jun	5	5	2	12	456	2,686	0	0	62	193	217	1,770

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District ^b (cont.)	30-Jun	7	7	6	45	951	4,663	0	0	239	766	1,059	10,022
	1-Jul	4	4	2	29	394	2,176	0	0	201	645	698	7,324
	2-Jul	9	9	1	7	1,313	6,316	1	7	409	1,413	1,336	12,971
	3-Jul	7	7	7	91	2,422	12,709	1	6	743	2,758	643	6,537
	4-Jul	7	7	2	16	555	2,613	0	0	534	2,222	2,081	20,281
	5-Jul	3	3	2	11	2,223	10,936	2	11	467	1,539	587	5,812
	6-Jul	17	17	11	94	7,073	46,414	20	106	6,632	23,670	12,058	102,671
	7-Jul	8	8	1	6	1,316	7,706	10	55	2,099	6,968	3,092	31,007
	8-Jul	15	15	9	49	2,709	15,540	32	183	5,573	19,860	2,556	22,667
	13-Jul	33	33	145	891	8,648	50,252	549	3,521	40,128	141,245	14,305	127,067
	14-Jul	15	15	3	28	3,349	20,168	95	602	8,499	37,151	4,240	38,425
	15-Jul	27	27	70	333	4,250	23,177	306	1,844	28,777	101,908	10,964	103,730
	16-Jul	20	20	22	170	1,323	7,052	109	669	15,658	58,437	4,305	36,948
	20-Jul	37	37	54	402	5,807	31,402	334	2,163	93,248	309,425	9,437	78,732
	21-Jul	25	26	56	384	3,523	19,858	177	1,035	94,772	348,808	9,080	75,581
	22-Jul	31	36	34	285	4,212	24,289	446	3,107	111,797	389,706	8,208	64,411
	23-Jul	38	38	125	886	5,591	28,194	671	3,716	112,395	381,643	9,785	75,966
	24-Jul	46	46	71	569	7,353	39,403	527	3,177	109,113	399,058	14,545	112,355
	26-Jul ^a												
	27-Jul	43	43	216	1,682	3,330	17,841	309	2,212	189,465	718,388	5,021	40,967
	28-Jul	44	46	94	644	3,410	18,644	10,488	47,416	212,285	820,128	4,288	36,192
	29-Jul	26	27	58	609	949	5,327	102	657	120,745	432,229	2,396	19,034
	30-Jul	42	46	96	631	2,019	10,749	621	3,834	260,627	935,854	7,023	60,084
	31-Jul	42	45	75	575	2,475	13,518	583	3,953	233,293	797,903	3,218	24,999
	1-Aug	25	25	59	415	1,301	7,305	472	3,206	163,764	609,101	3,470	29,899
	2-Aug	48	55	46	244	3,340	18,724	381	2,540	264,086	936,807	2,489	20,210
	3-Aug	43	44	62	593	2,445	13,074	1,085	7,535	249,462	863,927	4,199	33,855
	4-Aug	43	46	67	491	2,331	11,633	1,224	6,718	189,353	700,130	8,621	75,303
	5-Aug	35	37	36	374	1,671	8,672	806	5,771	204,239	732,619	3,287	26,389
	6-Aug	43	46	52	340	2,791	14,398	1,025	7,198	289,667	1,016,811	2,895	24,204
	7-Aug	53	53	163	805	2,169	12,172	1,403	9,819	282,140	979,129	3,716	30,616
	8-Aug	46	46	17	211	1,059	5,447	1,307	9,951	189,543	698,803	2,210	18,553

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak	9-Aug	41	45	45	288	2,141	11,202	2,300	16,066	275,378	1,001,690	2,232	18,071
District ^b (cont.)	10-Aug	34	37	19	105	2,217	11,368	1,734	11,711	223,722	813,070	2,242	17,712
	11-Aug	26	28	18	112	1,150	6,172	832	5,796	132,398	474,729	1,049	8,784
	12-Aug	14	14	20	255	850	4,594	1,073	7,040	68,860	241,630	3,761	20,308
	13-Aug	20	20	3	41	367	2,063	683	4,831	80,837	300,433	743	6,015
	14-Aug	12	12	7	85	287	1,668	375	2,689	52,732	193,235	220	1,991
	15-Aug	19	19	15	176	823	4,464	592	4,583	71,731	262,815	531	4,202
	16-Aug	24	25	2	21	925	4,860	727	5,577	86,668	309,426	770	6,036
	17-Aug	22	22	7	84	1,380	6,474	1,642	14,938	65,918	236,795	810	7,572
	18-Aug	26	26	10	117	760	3,790	2,505	20,432	117,403	410,934	1,587	15,853
	19-Aug	24	24	52	512	4,070	20,662	1,899	15,513	82,355	295,268	1,918	15,458
	20-Aug	17	17	0	0	267	1,467	389	2,940	60,096	239,060	334	2,830
	21-Aug	24	24	9	77	1,864	9,998	1,507	10,661	109,506	374,954	837	7,457
	22-Aug	30	31	12	137	2,660	13,437	1,127	8,262	59,288	214,381	543	4,471
	23-Aug	28	31	9	106	2,140	11,211	1,275	9,756	74,017	259,242	569	4,903
	24-Aug	22	22	67	510	1,643	8,415	1,350	10,311	52,998	183,238	911	6,816
	25-Aug	10	10	3	20	2,730	15,235	1,011	6,882	21,577	78,604	362	2,973
	26-Aug	18	18	0	0	1,974	11,511	1,643	13,741	39,585	134,394	264	2,309
	27-Aug	11	11	7	75	1,299	8,721	942	7,216	15,783	62,251	225	1,757
	28-Aug	16	16	127	701	8,275	39,448	2,520	22,053	22,798	82,399	471	4,287
	29-Aug	10	10	2	26	5,190	25,986	961	6,980	11,137	39,635	122	852
	30-Aug	4	4	0	0	2,326	11,731	163	1,155	2,008	7,458	35	221
	31-Aug	14	14	20	71	7,676	38,295	1,795	14,529	35,727	117,136	292	2,562
	1-Sep	11	11	11	38	2,536	12,752	786	6,413	20,307	67,788	122	859
	2-Sep	14	14	0	0	4,725	23,811	737	5,600	16,478	61,681	103	803
	3-Sep	10	10	2	16	8,088	48,376	1,192	9,970	18,151	66,648	118	1,119
	4-Sep	6	6	0	0	4,231	21,557	644	5,429	18,309	57,221	83	675
	5-Sep	3	3	0	0	74	325	120	888	7,363	25,620	11	78
	6-Sep	7	7	1	5	2,941	18,633	697	5,787	12,586	42,607	69	481
	7-Sep	6	6	0	0	2,265	12,708	292	2,462	3,072	10,966	14	108
	8-Sep	6	6	0	0	2,837	12,128	407	3,838	3,602	11,184	36	318
	10-Sep ^a												

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District ^b (cont.)	11-Sep ^a												
	13-Sep ^a												
	14-Sep ^a												
Total		140	1,552	2,231	16,224	198,097	1,072,079	57,377	397,993	5,352,045	19,174,800	190,802	1,599,785
Average weight					7.3		5.4		6.9		3.6		8.4
Inner & Outer Karluk sections	17-Jun	5	5	2	23	3,555	17,788	0	0	7	26	100	735
	18-Jun ^a												
	19-Jun ^a												
	20-Jun	6	6	21	137	5,426	22,724	0	0	107	321	213	1,728
	21-Jun	5	5	5	48	3,408	14,414	0	0	52	171	170	1,147
	22-Jun	3	3	93	435	3,685	15,903	0	0	28	98	113	1,093
	23-Jun ^a												
	24-Jun ^a												
	25-Jun ^a												
	26-Jun	4	4	2	14	1,829	9,149	0	0	70	228	68	502
	27-Jun	3	3	3	15	999	5,380	0	0	79	281	31	253
	28-Jun												
	29-Jun	3	3	4	22	1,576	7,886	0	0	67	206	52	423
	30-Jun ^a												
	1-Jul ^a												
	2-Jul ^a												
	3-Jul ^a												
	5-Jul ^a												
	10-Jul	3	3	3	30	858	4,997	2	11	474	1,738	235	2,416
	12-Jul ^a												
	15-Jul	3	3	1	7	3,684	18,426	9	52	4,970	16,908	1,637	14,738
	27-Jul	3	3	23	169	715	3,519	28	164	19,869	62,843	141	1,027
	28-Jul ^a												
	29-Jul	12	12	210	1,329	2,136	12,830	137	1,067	76,130	285,783	883	7,488
	30-Jul	10	11	150	814	2,661	14,800	115	841	55,734	231,224	727	6,420
	31-Jul	19	21	86	574	5,387	28,699	233	1,599	147,864	523,198	1,460	11,874
	1-Aug	13	13	65	423	2,720	16,808	151	1,076	88,666	322,331	1,235	10,042

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner and Outer	2-Aug	13	14	40	309	2,742	14,871	192	1,323	82,939	282,705	449	3,163
Karluk sections (cont.)	3-Aug	5	5	132	666	996	5,069	77	568	17,680	61,794	86	724
	4-Aug	6	6	19	140	1,344	7,719	263	1,630	43,466	144,313	341	2,716
	5-Aug	4	4	34	239	1,560	8,332	152	1,112	27,125	95,598	249	1,918
	6-Aug	4	4	6	31	380	2,232	335	1,773	13,080	60,678	200	1,411
	9-Aug ^a												
	25-Aug	4	4	3	35	3,657	19,470	1,107	7,264	11,344	43,456	128	1,038
	26-Aug	3	3	2	12	757	4,300	183	1,648	4,418	17,265	26	211
	28-Aug	5	5	0	0	1,734	9,172	525	4,827	5,379	18,108	67	505
	29-Aug ^a												
	30-Aug	17	17	5	46	16,294	91,945	2,140	17,023	13,101	49,855	489	4,150
	31-Aug	12	12	5	54	14,604	78,986	1,496	12,173	7,243	26,034	636	5,342
	1-Sep ^a												
	2-Sep	7	7	4	64	6,327	34,263	514	4,025	2,316	8,431	144	1,183
	6-Sep ^a												
	7-Sep	4	4	7	68	3,287	17,417	410	3,275	1,133	3,970	85	624
	8-Sep	3	3	0	0	3,987	20,188	415	3,308	728	2,565	51	466
	9-Sep ^a												
	10-Sep ^a												
	11-Sep	3	3	2	25	2,861	14,312	242	1,923	306	1,097	32	287
	14-Sep	3	3	2	20	4,095	28,673	360	2,532	179	718	46	376
	16-Sep ^a												
	17-Sep	3	3	0	0	5,881	32,682	496	3,975	158	677	0	0
	19-Sep ^a												
	21-Sep ^a												
Total		59	226	985	6,181	133,514	709,791	11,300	86,672	656,430	2,377,743	11,084	91,627
Average weight					6.3		5.3		7.7		3.6		8.3
Remainder of Southwest Kodiak District	22-Jun	9	9	41	561	10,517	56,657	0	0	252	539	281	2,279
	23-Jun	13	13	30	324	16,615	88,629	0	0	213	582	426	3,170
	24-Jun	10	10	2	28	9,865	52,443	0	0	47	172	172	1,155
	25-Jun	13	13	2	7	5,039	26,139	0	0	69	194	122	1,044
	26-Jun	15	16	0	0	7,881	42,997	0	0	152	551	306	2,511

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Remainder of Southwest Kodiak District (cont.)	12-Jul ^a												
	13-Jul	10	10	30	319	15,505	76,596	74	516	3,984	12,307	627	4,822
	14-Jul	11	11	14	115	33,150	171,854	667	2,351	3,727	12,840	801	6,809
	15-Jul	9	9	15	86	16,344	84,664	44	241	3,918	12,804	610	5,001
	16-Jul	8	8	4	58	13,881	68,990	11	80	3,490	10,454	327	2,385
	17-Jul ^a												
	26-Jul ^a												
	27-Jul	11	11	170	877	2,213	11,952	64	474	77,695	274,076	676	5,018
	28-Jul	23	23	91	663	5,856	32,840	149	998	202,508	784,026	1,390	10,563
	29-Jul	25	25	77	640	11,174	65,715	227	1,820	217,672	761,422	2,078	17,188
	30-Jul	11	11	13	170	4,938	24,153	44	308	26,133	97,114	343	2,594
	31-Jul	11	11	9	69	9,897	59,619	32	212	30,976	111,239	202	1,616
	1-Aug	5	5	1	19	3,945	21,077	32	227	16,936	62,417	31	256
	2-Aug	6	6	2	37	7,434	40,638	62	400	29,216	103,953	242	1,974
	3-Aug	7	7	10	87	6,388	33,665	43	225	47,159	167,762	119	952
	4-Aug	4	4	9	68	818	4,641	74	427	20,237	75,083	107	833
	5-Aug ^a												
	14-Aug	5	5	0	0	5,446	28,260	282	1,982	25,776	97,715	308	2,425
	15-Aug	6	8	3	63	11,820	66,201	629	5,004	91,819	317,542	946	7,965
	16-Aug	4	4	4	69	3,531	16,846	278	1,989	14,625	56,769	237	1,583
	17-Aug	6	6	12	52	5,751	30,908	501	3,475	22,720	85,171	225	1,808
	18-Aug ^a												
	19-Aug	4	4	1	26	6,027	29,125	349	2,684	15,886	60,299	532	2,870
	20-Aug ^a												
	25-Aug	9	9	7	43	5,980	32,525	858	5,894	15,716	55,366	560	4,239
	26-Aug	7	7	0	0	9,015	47,494	770	6,167	17,809	60,846	402	3,215
	28-Aug	3	3	52	404	4,266	22,726	862	5,808	6,719	21,938	360	3,234
	29-Aug ^a												
Total		64	257	692	5,241	244,066	1,295,432	6,616	45,097	927,969	3,367,039	12,916	101,263
Average weight					7.6		5.3		6.8		3.6		7.8
Grand Total		151	2,227	4,738	34,110	626,583	3,348,268	84,444	594,762	7,779,951	27,785,475	242,731	2,027,795

Note: Harvest numbers do not include test fish harvests or commercial harvest retained for personal use.

^a Confidential.

^b Does not include Spiridon Special Harvest Area (254-50) or Settler Cove (259-35).

Appendix E6.–Set gillnet salmon harvest, by species, for Westside Management Plan units, 2012.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest	9-Jun	34	37	7	111	8,178	45,778	0	0	28	107	94	652
Kodiak District ^a	10-Jun	32	33	13	170	6,769	35,853	0	0	20	70	151	883
	14-Jun	32	32	13	115	3,710	20,483	0	0	74	302	211	1,431
	15-Jun	36	37	6	93	3,683	20,271	0	0	168	635	130	943
	16-Jun	35	37	22	213	5,583	30,954	0	0	177	711	253	1,870
	17-Jun	37	38	21	214	6,071	33,531	0	0	203	789	381	2,847
	18-Jun	41	41	13	129	12,204	67,385	1	7	578	2,283	1,053	7,802
	19-Jun	34	34	11	114	8,372	46,030	0	0	325	1,376	669	4,841
	20-Jun	47	49	47	352	9,002	50,079	0	0	540	2,160	1,019	7,794
	21-Jun	38	39	19	217	6,685	37,882	0	0	398	1,614	631	4,850
	22-Jun	36	37	36	310	6,635	38,000	0	0	331	1,320	621	4,657
	23-Jun	35	35	32	257	6,231	35,465	0	0	408	1,618	659	4,917
	24-Jun	46	46	21	190	8,343	47,388	0	0	666	2,647	953	7,134
	25-Jun	35	36	21	211	4,097	22,889	0	0	541	2,127	613	4,555
	26-Jun	46	47	15	158	10,261	59,257	1	4	1,137	4,499	1,603	12,270
	27-Jun	36	38	12	139	7,964	44,818	1	7	849	3,167	967	7,432
	28-Jun	47	48	1	4	12,614	50,027	1	5	1,206	4,749	1,463	11,558
	29-Jun	44	44	22	205	8,236	46,641	0	0	1,092	4,252	936	7,398
	30-Jun	38	38	7	105	7,547	43,856	1	5	1,027	4,051	719	5,708
	1-Jul	39	42	15	158	5,601	33,098	2	13	1,130	4,764	864	6,843
	2-Jul	48	50	13	146	9,017	52,908	5	28	2,160	8,696	1,120	8,906
	3-Jul	36	38	4	54	4,977	28,635	2	11	1,224	5,121	701	5,581
	4-Jul	47	48	15	162	11,385	68,749	5	23	2,645	10,847	945	7,213
	5-Jul	40	44	9	73	8,670	51,373	3	23	2,315	9,656	976	7,656
	6-Jul	52	52	7	71	10,432	62,930	4	18	4,180	16,691	1,173	9,422
	7-Jul	41	43	10	134	10,883	64,575	25	149	5,950	24,819	2,095	15,208
	8-Jul	36	41	10	121	7,130	42,266	49	307	5,295	21,493	1,563	12,411
	13-Jul	38	46	7	69	7,612	46,101	42	242	10,477	41,216	2,131	16,532
	14-Jul	51	52	17	167	9,207	55,066	138	797	12,754	51,490	3,067	24,272
	15-Jul	45	47	5	62	8,398	49,861	21	118	13,832	57,743	2,819	22,059
	16-Jul	41	50	18	178	12,424	75,314	249	1,519	21,676	91,154	3,693	29,010
	20-Jul	43	45	10	83	4,722	27,377	32	180	25,422	101,969	3,004	22,767
	21-Jul	51	56	16	182	5,920	34,349	115	693	39,305	156,412	3,877	30,668

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest	22-Jul	59	72	10	142	8,032	46,610	168	1,020	51,965	211,450	4,587	34,992
Kodiak District ^a (cont.)	23-Jul	50	59	7	77	6,119	35,690	90	558	33,877	138,499	2,876	22,065
	24-Jul	52	61	5	80	7,139	40,729	226	1,415	46,457	187,630	3,990	28,850
	25-Jul	50	63	10	102	4,288	25,026	277	1,737	77,365	312,933	3,053	22,972
	28-Jul	56	79	21	214	6,072	32,640	658	4,218	96,348	390,487	4,110	30,488
	29-Jul	57	78	15	174	2,779	15,752	566	3,559	77,664	309,105	2,621	19,331
	30-Jul	50	63	9	88	2,309	13,096	401	2,511	62,987	253,510	2,303	17,793
	31-Jul	53	75	7	76	2,500	14,328	575	3,377	73,627	297,145	2,390	18,545
	1-Aug	50	62	8	109	1,960	11,311	395	2,332	60,055	241,951	1,963	14,999
	2-Aug	53	64	9	87	2,777	15,757	510	3,344	76,138	307,797	2,269	17,255
	3-Aug	54	72	19	168	2,443	13,928	650	4,272	75,196	301,119	2,135	16,742
	4-Aug	53	67	16	205	1,876	10,759	548	3,599	62,470	249,317	1,430	11,074
	5-Aug	49	55	19	187	1,497	8,068	495	3,513	51,235	210,676	1,051	7,953
	6-Aug	52	60	14	133	1,431	8,226	534	3,463	66,737	272,628	1,264	9,562
	7-Aug	54	69	14	167	1,109	6,357	355	2,384	54,001	221,427	977	7,346
	8-Aug	55	63	10	130	874	4,985	325	2,100	41,133	168,009	678	5,232
	9-Aug	41	42	7	81	1,433	8,110	541	3,519	38,187	157,225	634	5,006
	10-Aug	55	67	8	89	1,301	7,431	846	5,637	44,754	187,377	691	5,301
	11-Aug	44	48	10	87	1,173	6,568	467	3,081	36,273	150,810	504	3,840
	12-Aug	47	53	30	305	1,314	7,264	895	5,900	40,488	165,347	611	4,706
	13-Aug	45	46	33	287	1,769	9,864	1,059	7,035	37,561	149,666	489	3,821
	14-Aug	45	46	19	200	2,460	13,667	1,734	10,265	39,289	159,640	605	4,838
	15-Aug	48	56	28	307	2,767	15,579	1,155	7,845	37,153	153,809	727	5,635
	16-Aug	47	61	13	132	3,664	20,047	888	6,290	33,082	133,289	601	4,659
	17-Aug	44	52	6	66	3,437	19,965	1,204	8,281	28,992	119,922	665	5,135
	18-Aug	44	50	11	147	2,767	15,647	1,468	9,765	35,200	142,030	649	4,902
	19-Aug	46	53	6	72	3,022	17,708	1,789	12,654	31,846	130,519	613	4,631
	20-Aug	42	43	4	57	3,154	17,649	2,022	14,327	36,518	146,316	718	5,161
	21-Aug	46	55	8	79	4,222	24,037	1,735	12,049	30,737	127,534	474	3,406
	22-Aug	37	39	6	52	3,018	16,448	1,318	9,599	17,712	73,463	330	2,539
	23-Aug	41	43	33	339	4,644	25,972	1,786	12,116	22,970	92,536	406	2,902
	24-Aug	36	40	13	188	4,006	23,543	2,011	14,657	20,917	85,349	392	2,939
	25-Aug	33	38	8	77	2,631	15,268	1,861	13,996	10,462	42,608	1,712	7,657

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest	26-Aug	18	19	3	45	1,789	10,620	1,113	8,244	7,613	31,174	199	1,487
Kodiak District ^a (cont.)	27-Aug	29	30	18	199	3,578	20,119	1,738	12,193	12,310	49,933	337	2,336
	28-Aug	23	26	5	66	3,893	22,763	1,381	10,208	8,771	34,790	181	1,330
	29-Aug	24	25	12	112	2,845	15,801	1,182	8,418	6,742	27,048	184	1,301
	30-Aug	17	17	11	98	2,081	12,257	777	5,840	5,019	19,840	138	980
	31-Aug	9	10	26	164	2,141	12,488	581	4,425	3,664	14,248	87	665
	1-Sep	18	18	6	67	3,849	22,586	1,330	9,174	5,520	22,119	162	1,175
	2-Sep	15	16	16	127	3,055	17,877	642	4,946	4,554	17,759	142	1,018
	3-Sep	21	21	36	286	1,853	10,917	850	6,056	4,471	17,767	106	795
	4-Sep	14	14	22	183	1,968	11,448	582	4,216	2,254	9,348	74	531
	5-Sep	12	13	6	47	2,317	13,946	403	3,020	1,654	6,540	70	510
	6-Sep	14	15	14	176	2,794	17,249	514	3,937	2,135	8,285	72	542
	7-Sep	13	17	6	70	1,360	8,272	464	3,467	1,136	4,356	51	379
	8-Sep	11	11	1	20	1,139	7,004	385	2,705	917	3,849	51	378
	9-Sep	15	16	1	14	971	6,076	622	4,369	721	2,987	61	435
	10-Sep	4	4	4	31	300	1,545	34	280	23	93	1	7
	11-Sep	5	5	0	0	162	857	68	509	46	212	10	68
	12-Sep	5	6	2	18	110	584	151	1,175	97	379	4	29
	13-Sep ^b												
Total		99	3,578	1,120	11,394	394,968	2,250,696	43,085	297,906	1,775,176	7,202,398	91,602	694,333
Average weight					10.17		5.70		6.91		4.06		7.58

Note: Harvest numbers do not include test fish harvests or commercial harvest retained for personal use.

^a Does not include Spiridon Special Harvest Area (254-50) or Settler Cove (259-35).

^b Confidential.

APPENDIX F. NORTH SHELKOF FISHERY SUMMARY

INTRODUCTION

In 1988 there was a significant harvest of large (greater than 6 lb) sockeye salmon in management units bordering the northern portion of Shelikof Strait (Appendix F2). Analysis of average weights, age composition of the harvest, review of past tagging studies, and estimates of migratory timing led to the determination that the majority of these sockeye salmon were bound for Cook Inlet (Barrett 1989). Although the Cook Inlet sockeye salmon run was at a record level, the Board of Fisheries felt that this was an expanding, nontraditional harvest pattern. In 1990, the *North Shelikof Strait Sockeye Salmon Management Plan* (NSSSSMP; 5 AAC 18.363) was adopted into regulation.

The NSSSSMP limits purse seine fishing opportunities in those sections of the KMA bordering the north Shelikof Strait (those waters of Shelikof Strait from Dakavak Bay to Cape Douglas in the Mainland District and from Raspberry Cape to Shuyak Island in the Afognak District; Appendix F2). The plan covers the time period from July 6 through July 25 and establishes two specific sockeye salmon harvest “triggers” for defined management units within the affected zone. These triggers were established to protect Cook Inlet–bound sockeye salmon that migrate through the Shelikof Strait. The Southwest Afognak management unit (composed of the Southwest Afognak Section) and the North Shelikof management unit (made up of the Dakavak Bay, Outer Kukak Bay, Hallo Bay, and Big River sections of the Mainland District, and the Shuyak Island and Northwest Afognak sections of the Afognak District) has separate sockeye salmon harvest triggers (Appendix F2). If the sockeye salmon harvest within either of these units reaches an established cap, then commercial fishing opportunities within that unit are restricted.

By regulation, “seaward zones” are established in each management unit. These zones are made up of all waters seaward of a line that is drawn from cape to cape¹. The seaward zone of the Southwest Afognak management unit closes to fishing if 50,000 sockeye salmon are harvested from July 6 through July 25. The seaward zone of the North Shelikof management unit closes to fishing if 15,000 sockeye salmon are harvested from July 6 through July 25. If a seaward zone closure occurs, only the inshore “shoreward zone” (all waters inside the line) will remain open to commercial fishing during normal fishing periods (Appendix F2; Jackson and Dinnocenzo 2012).

In the nineteen years the NSSSSMP has been in effect, the North Shelikof management unit has had seaward zone closures every year except 1991, 2000, and 2008 (Appendix F3). The seaward zone of the Southwest Afognak management unit has been closed only three times (in 1992, 1993, and 2003; Appendix F4).

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¹ In 1993, the seaward zone boundary of the Southwest Afognak unit was modified by the Alaska Board of Fisheries. The seaward zone boundary was moved ½ mile offshore of the line running cape to cape, in order to allow for traditional harvest opportunities of pink salmon. In 2008, the seaward zone boundary of that portion of the North Shelikof unit in the Northwest Afognak Section was moved ½ mile offshore of the line running cape to cape in order to allow for traditional harvest opportunities for pink salmon.

2012 Summary

With the expectation of an average pink salmon run in 2012 (Eggers and Carroll 2012), one 57-hour fishing period and two 81-hour fishing periods were scheduled preseason in the Southwest Afognak management unit and that portion of the North Shelikof management units including the Northwest Afognak and Shuyak Island sections during the period when the NSSSSMP was in effect (July 6 through July 25; Jackson and Dinnocenzo 2012). The NSSSSMP prescribes 57-hour fishing periods in that portion of the North Shelikof management unit in the Mainland District, and three fishing periods were scheduled to open simultaneously with openings elsewhere in the North Shelikof Strait fishery, primarily to help disperse the fleet.

First Fishing Period (July 6 to 9)

The first fishing period was characterized by low sockeye salmon abundance. Four permit holders harvested 6 Chinook, 5,405 sockeye, zero coho, 849 pink, and 999 chum salmon during the first fishing period (Appendix F5). Fishing effort was light in the Southwest Afognak management unit with fewer than 3 permit holders harvesting fish; therefore, harvest data is confidential for the first fishing period (Appendix F6).

Second Fishing Period (July 13 to 15)

The number of the vessels fishing in the North Shelikof management unit during this period increased to nine permit holders, who harvested 69 Chinook, 5,438 sockeye, 30 coho, 3,872 pink, and 3,408 chum salmon (Appendix F5).

Fishing effort did not increase in the Southwest Afognak management unit during the second fishing period. Harvest data is confidential for the second period in the Southwest Afognak management unit (Appendix F6).

Third Fishing Period (July 20 to 24)

Effort and harvest increased significantly during the third period mostly on the mainland side of the North Shelikof management unit. The seaward zones were closed to fishing at 1:00 PM on July 22. The inshore areas of the mainland portion of the North Shelikof Management Unit closed at 9:00 PM July 22. During the third period 16 permit holders harvested 66 Chinook, 31,341 sockeye, 661 coho, 73,523 pink, and 12,248 chum salmon (Appendix F5).

Effort increased slightly during this period in the Southwest Afognak Section, but it became apparent that the 50,000 sockeye salmon harvest limit would not be reached. From July 20 through July 24, 12 permit holders harvested 351 Chinook, 32,965 sockeye, 1,069 coho, 149,434 pink, and 15,599 chum salmon in the Southwest Afognak unit (Appendix F6).

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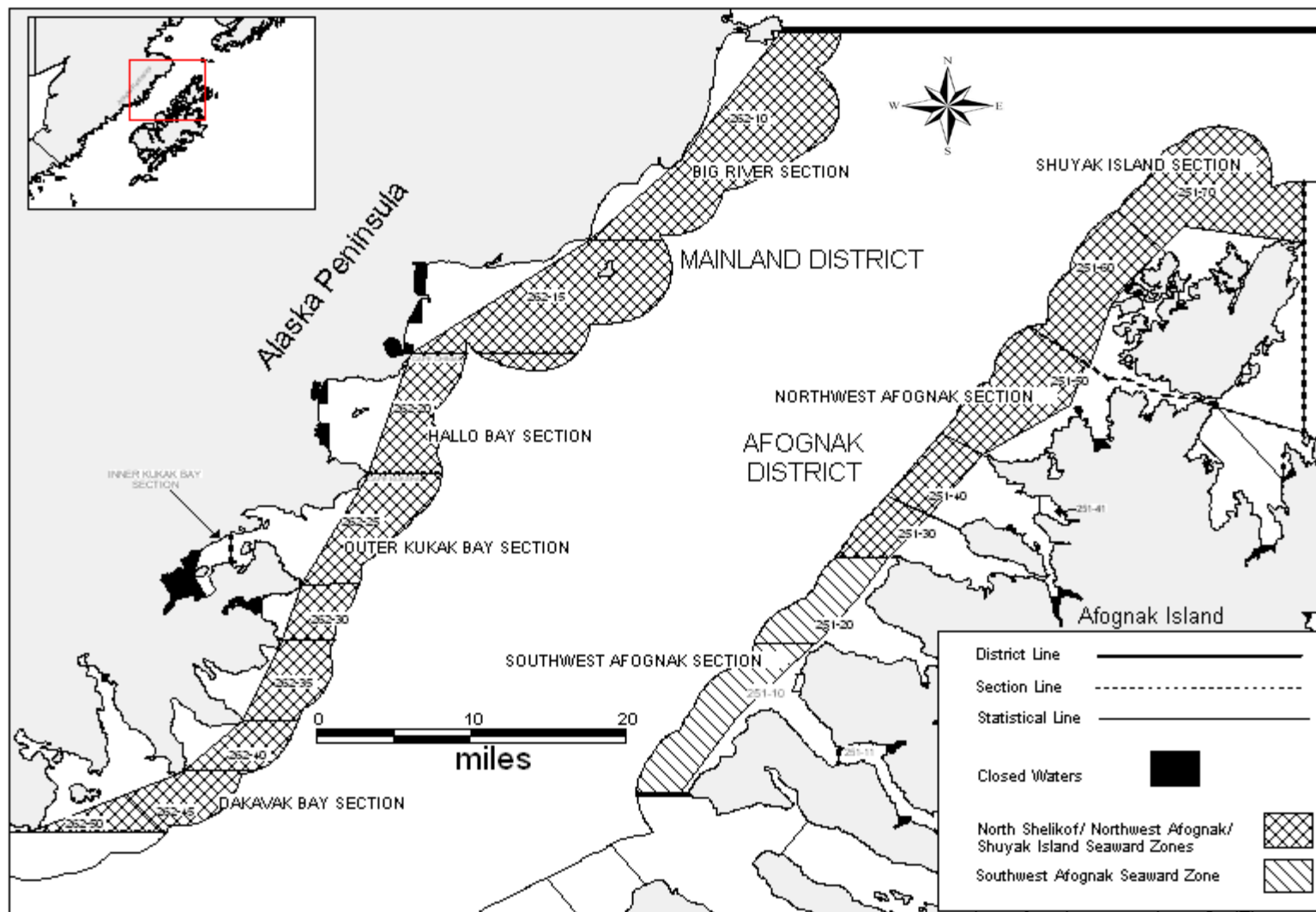
Season Totals

The 2012 North Shelikof management unit harvest for the time period of July 6 through July 25 totaled 141 Chinook, 42,184 sockeye, 691 coho, 78,244 pink, and 16,655 chum salmon, taken by 26 permit holders (Appendix F3 and F5). The average weight of the sockeye salmon harvested in the North Shelikof Unit was 5.4 pounds.

The 2012 Southwest Afognak Unit harvest for the time period of July 6 through July 25 totaled 365 Chinook, 33,921 sockeye, 1,075 coho, 150,497 pink, and 14,995 chum salmon, taken by 30 permit holders (Appendices F4 and F6). The average weight of the sockeye salmon harvested in the Southwest Afognak management unit was 5.3 pounds (Appendix F6).

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- Barrett, B. M. 1989. North Shelikof Strait 1988 sockeye catch distribution, timing, and stock composition. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K88-6, Kodiak.
- Eggers, D. M., and A. M. Carroll. 2012. Run forecasts and harvest projections for the 2012 Alaska salmon fisheries and review of the 2011 season. Alaska Department of Fish and Game, Special Publication No. 12-01, Anchorage.
- Jackson, J., and J. Dinnocenzo. 2012. Kodiak management area harvest strategy for the 2012 commercial salmon fishery. Alaska Department of Fish and Game, Fishery Management Report No.12-09, Anchorage.



Appendix F2.—Map showing the North Shelikof management area.

Appendix F3.–Summary of fishing time, zone closures, effort, and harvest by species, for the North Shelikof management unit of the Kodiak Management Area, 1991–2012.

Year	Mainland		N. Afognak		Zone Closure		Sockeye Harvest at time of zone closure	Number of Vessels	Total Salmon Harvest by Species–July 6 through July 25					Upper Cook Inlet sockeye harvest (in millions)
	# of days open to fishing	# of days Seaward Zone closed	# of days open to fishing	# of days Seaward Zone closed					Chinook	Sockeye	Coho	Pink	Chum	
					Date	Time								
1991	7.1	0.0	13.1	0.0	none	none	no closure	42	2,500	18,800	2,700	44,800	3,800	2.2
1992	7.1	5.1	9.1	7.1	7/8	1:00 PM	13,500	77	900	128,400	3,100	24,300	12,000	8.9
1993	7.1	4.7	13.8	8.9	7/10	5:00 PM	15,220	89	1,200	78,400	2,000	75,600	4,200	4.7
1994	7.1	2.8	9.1	4.8	7/14	11:00 AM	22,830	58	165	38,800	2,400	52,000	10,500	3.5
1995	7.1	3.3	13.3	8.5	7/13	10:00 PM	15,770	77	150	37,400	1,260	178,800	16,590	2.9
1996	7.1	4.3	7.1	4.3	7/15	10:00 PM	11,675	77	260	73,720	1,820	30,050	14,585	3.9
1997	7.1	4.9	10.1	7.9	7/8	5:00 PM	19,850	80	1,940	59,140	1,840	38,190	4,550	4.1
1998	7.1	2.4	10.1	4.4	7/16	9:00 PM	17,812	39	140	40,630	5,380	59,535	6,370	1.2
1999	7.1	3.3	10.1	6.4	7/13	10:00 PM	13,021	45	310	30,830	230	31,920	7,795	2.7
2000	7.1	0.0	10.1	0.0	none	none	no closure	31	68	9,225	1,045	20,215	22,155	1.3
2001	7.1	2.7	10.1	4.7	7/16	1:00 PM	14,729	26	245	22,321	9,943	33,534	10,348	1.8
2002	7.1	2.4	10.1	4.7	7/15	5:00 PM	16,600	35	295	35,290	13,181	238,734	13,708	2.8
2003	7.1	5.1	13.1	11.1	7/8	12:00 PM	16,448	37	120	33,122	1,054	35,151	6,500	3.5
2004	7.1	3.5	13.1	7.5	7/13	5:00 PM	16,000	36	533	53,334	3,756	44,886	14,710	4.9
2005	7.1	3.8	13.1	8.3	7/13	12:01 AM	17,400	22	87	59,856	1,809	27,269	5,361	5.1
2006	8.6	4.3	17.3	9.9	7/14	NOON	15,000	31	482	82,538	8,312	146,445	33,075	2.4
2007	7.1	4.7	13.8	8.9	7/8	9:00 PM	12,688	28	266	17,407	566	14,340	5,083	3.3
2008	8.6	0.0	8.6	0.0	none	none	no closure	7	175	5,227	512	18,924	5,082	2.8
2009	7.1	2.4	13.1	6.4	7/15	9:00 PM	12,626	14	179	15,645	620	47,694	6,061	2.3
2010	7.1	5.1	10.1	8.1	7/8	1:00 PM	14,441	19	609	18,920	2,009	75,481	10,820	2.8
2011	7.1	0.3	13.1	2.3	7/22	1:00 PM	25,625	26	386	28,805	2,275	16,162	8,688	5.4
2012	7.1	0.3	13.1	2.3	7/22	1:00 PM	33,173	26	141	42,184	691	78,244	16,655	6.4

Note: In 1988, the Upper Cook Inlet sockeye salmon run was strong, with a commercial harvest of approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof management unit from 7/6–7/25, 1988, with 6.9 days open to fishing, 392,000 sockeye salmon were harvested. This led to adoption of regulations to limit the sockeye salmon harvest in the North Shelikof (15,000 fish) and Southwest Afognak (50,000 fish) management units (5 AAC 18.363).

Appendix F4.—Summary of fishing time, zone closures, effort, and harvest by species, for the Southwest Afognak management unit of the Kodiak Management Area, 1991–2012.

Year	# of days open to fishing	# of days Seaward Zone closed	Zone Closure		Sockeye Harvest at time of zone closure	Number of Vessels	Total Salmon Harvest by Species—July 6 through July 25					Upper Cook Inlet sockeye harvest (in millions)
			Date	Time			Chinook	Sockeye	Coho	Pink	Chum	
1991	13.1	0.0	none	none	no closure	55	300	34,200	3,600	100,700	4,000	2.2
1992	9.1	4.7	7/14	1:00 PM	48,200	84	300	50,600	600	30,000	6,800	8.9
1993	13.6	7.7	7/14	1:00 PM	45,900	87	860	74,000	7,100	243,000	7,400	4.7
1994	9.6	0.0	none	none	no closure	45	360	13,600	1,000	64,300	3,100	3.5
1995	13.6	0.0	none	none	no closure	64	760	21,360	1,750	490,510	22,200	2.9
1996	7.6	0.0	none	none	no closure	32	185	10,510	803	79,205	10,785	3.9
1997	10.6	0.0	none	none	no closure	61	1,500	18,120	1,760	62,730	8,440	4.1
1998	10.6	0.0	none	none	no closure	22	240	10,340	2,290	82,685	1,900	1.2
1999	10.6	0.0	none	none	no closure	38	700	18,725	375	41,960	4,720	2.7
2000	10.6	0.0	none	none	no closure	31	90	17,810	1,220	37,340	7,225	1.3
2001	10.6	0.0	none	none	no closure	48	517	33,289	7,139	191,947	15,913	1.8
2002	10.6	0.0	none	none	no closure	32	502	23,691	3,742	122,892	4,821	2.8
2003	13.1	6.4	7/16	8:00 PM	66,000	41	125	119,490	6,006	238,088	15,829	3.5
2004	13.1	0.0	none	none	no closure	25	3,048	24,515	7,918	227,062	19,315	4.9
2005	13.1	0.0	none	none	no closure	29	492	30,262	1,501	156,150	2,754	5.1
2006	16.7	0.0	none	none	no closure	22	1,858	24,182	3,626	154,352	15,151	2.4
2007	13.1	0.0	none	none	no closure	26	2,222	20,704	2,899	191,203	5,353	3.3
2008	8.6	0.0	none	none	no closure	22	2,105	17,216	1,564	99,923	11,727	2.8
2009	14.3	0.0	none	none	no closure	26	182	42,687	1,957	169,217	12,828	2.3
2010	10.1	0.0	none	none	no closure	33	785	26,023	1,751	292,004	12,841	2.8
2011	13.1	0.0	none	none	no closure	17	282	14,672	2,107	23,355	8,257	5.4
2012	13.1	0.0	none	none	no closure	30	365	33,921	1,075	150,497	14,995	6.4

Note: In 1988, the Upper Cook Inlet sockeye salmon run was very strong, with a commercial harvest was approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof management unit from 7/6–7/25, 1988, with 6.9 days open to fishing, 392,000 sockeye salmon were harvested. This led to adoption of regulations to limit the sockeye salmon harvest in the North Shelikof (15,000 fish) and Southwest Afognak (50,000 fish) management units (5 AAC 18.363).

Appendix F5.—Daily salmon harvest by species for the North Shelikof management units of the North Shelikof Strait Sockeye Salmon Management Plan, 2012.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
First Period (July 6–July 10)												
6-Jul ^a												
7-Jul	3	3	4	24	3,211	19,381	0	0	440	1,661	643	5,885
9-Jul ^a												
Total	4	6	6	33	5,405	32,657	0	0	849	3,220	999	9,480
Avg. Wt.				5.50		6.04		0.0		3.79		9.49
Second Period (July 13–17)												
13-Jul	6	6	41	199	4,203	20,415	14	102	2,457	7,618	2,592	23,261
14-Jul	3	3	4	40	640	3,762	14	86	482	1,672	241	1,712
15-Jul ^a												
Total	9	11	69	357	5,438	27,145	30	195	3,872	12,088	3,408	29,253
Avg. Wt.				5.17		4.99		6.50		3.12		8.58
Third Period (July 20–24)												
20-Jul	6	6	7	60	10,741	58,082	311	2,217	22,787	73,604	3,281	26,930
21-Jul	6	6	13	113	6,171	37,685	139	919	9,605	39,919	3,650	26,555
22-Jul	4	5	1	5	10,035	48,582	66	620	22,965	73,756	3,030	24,019
23-Jul	5	5	34	186	3,462	19,265	97	592	12,467	42,107	1,656	13,496
24-Jul	4	4	11	69	932	4,841	48	239	5,699	17,844	631	4,667
Total	16	26	66	433	31,341	168,455	661	4,587	73,523	247,230	12,248	95,667
Avg. Wt.				6.56		5.37		6.94		3.36		7.81
North Shelikof Management Harvest July 6–25												
Total	26	43	141	823	42,184	228,257	691	4,782	78,244	262,538	16,655	134,400
Avg. Wt.				5.84		5.41		6.92		3.36		8.07

^a Confidential.

Appendix F6.—Daily salmon harvest by species in the Southwest Afognak management units of the North Shelikof Strait
Sockeye Salmon Management Plan, 2012.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
First Period (July 6-8)													
8-Jul ^a													
Total													
Avg. Wt.			7.56		5.90		5.00		4.17		6.89		
Second Period (July 13-16)													
15-Jul ^a													
Total													
Avg. Wt.			5.60		6.00		0.0		2.90		7.25		
Third Period (July 20-24)													
20-Jul	7	8	128	974	7,090	34,854	155	985	33,380	103,157	2,257	18,692	
21-Jul	6	6	32	274	4,665	24,716	162	1,045	23,176	72,101	1,755	14,601	
22-Jul	13	13	109	800	10,361	53,125	402	2,411	58,103	175,108	5,149	45,079	
23-Jul	7	7	20	260	4,225	23,847	100	727	14,920	54,794	1,870	15,119	
24-Jul	13	14	62	471	6,624	38,326	250	1,673	19,855	68,748	3,568	26,824	
Total	28	48	351	2,779	32,965	174,868	1,069	6,841	149,434	473,908	14,599	120,315	
Avg. Wt.			7.92		5.30		6.40		3.17		8.24		
Season													
Total	30	51	365	2,875	33,921	180,514	1,075	6,871	150,497	477,611	14,995	123,083	
Avg. Wt.			7.88		5.32		6.39		3.17		8.21		

^a Confidential.

APPENDIX G. EASTSIDE AFOGNAK FISHERY SUMMARY

INTRODUCTION

In 1990, the Board of Fisheries adopted the *Eastside Afognak Management Plan* (5 AAC 18.365) into regulation to manage the fisheries in the vicinity of the Kitoi Bay Hatchery. The plan has been in effect with occasional modification since 1981 and was formulated jointly by Kodiak Management Area (KMA) commercial fishery managers and the Kitoi Bay Hatchery manager. This hatchery, on the east side of Afognak Island (Appendix G2), produces significant returns of pink, chum, and coho salmon. The goal of this plan is to achieve escapement and harvest objectives for salmon stocks of the Raspberry Straits, Southeast Afognak, Duck Bay, Izhut Bay, and Kitoi Bay sections, and ensure broodstock for the hatchery. This plan details the key species and targeted stocks that are managed in each of these sections throughout the fishing season.

2012 Eastside Afognak Fishery

Management of the Southeast Afognak Section is based on local salmon runs. Fisheries can be allowed from June 1 to July 5 based on the sockeye salmon returning to the Afognak Lake system, and after July 5 based on local pink, chum, and coho salmon. A strong return of sockeye salmon was apparent early in the season and the Southeast Afognak Section was opened with the initial opening for KMA sockeye salmon on June 9. Closed waters for both the subsistence and commercial fisheries were reduced to the stream terminus of Afognak River. The run continued to be strong and the Southeast Afognak Section stayed open to continuous fishing until July 8. After July 8, fishing time in the Southeast Afognak Section occurred at the same time as most of the Afognak District with normal closed waters. A total of 55 permit holders harvested 55 Chinook, 7,185 sockeye, 6,122 coho, 682,364 pink, and 1,885 chum salmon (Appendix G3). The 2012 sockeye salmon escapement into Afognak Lake was 41,553 fish (Fuerst 2013), which was within the escapement goal range of 20,000 to 50,000 fish (Nemeth et al. 2010).

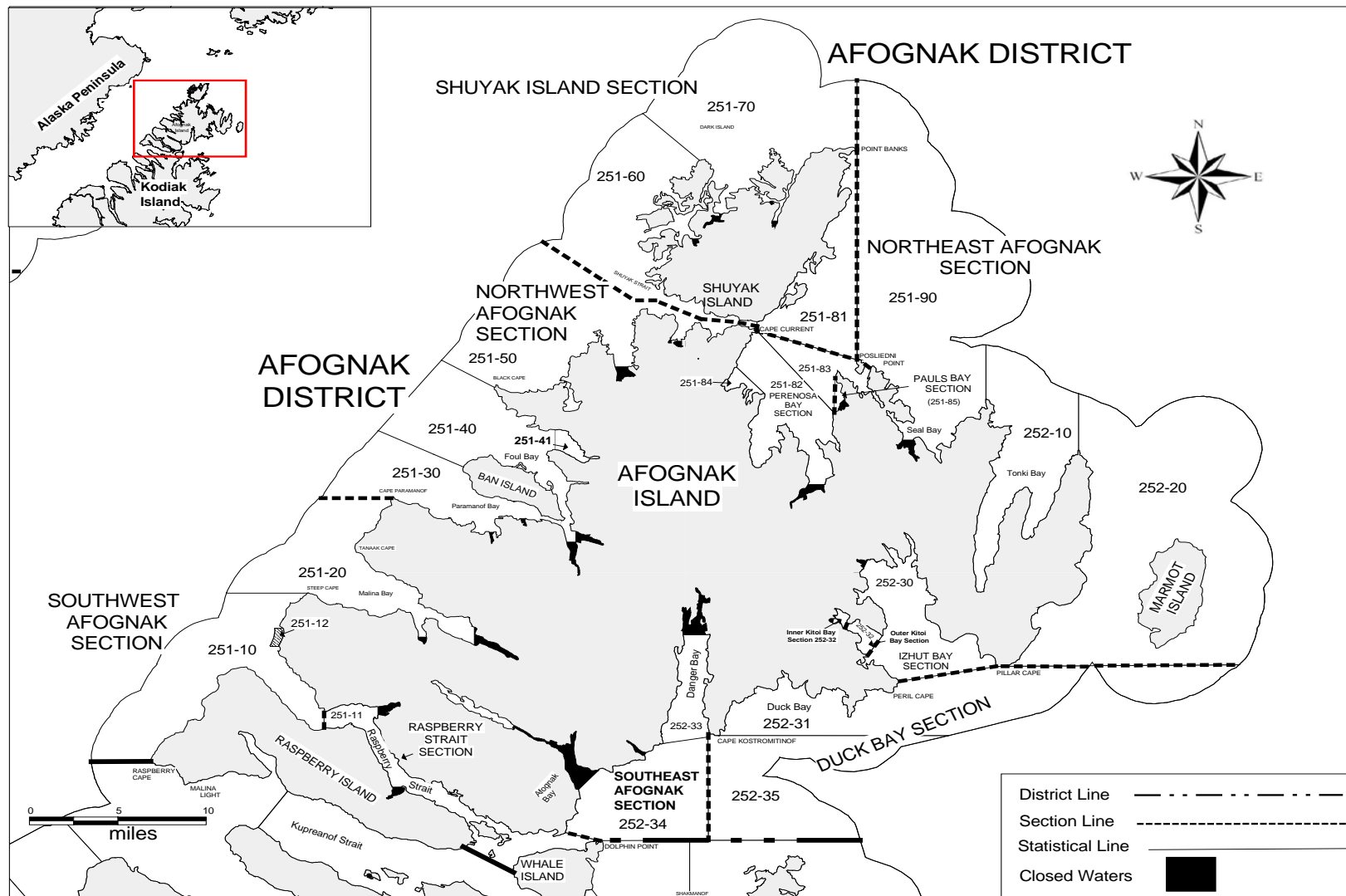
The commercial salmon fishery targeting Kitoi Bay Hatchery fish began on June 9 with the last delivery occurring on September 1. In fisheries targeting the Kitoi Bay Hatchery return, which include the Duck Bay, Izhut Bay, Inner Kitoi, and Outer Kitoi Bay sections, 128 permit holders harvested 888 Chinook, 111,933 sockeye, 48,353 coho, 2,968,070 pink, and 218,740 chum salmon (Appendix G3). The hatchery late-run sockeye, pink, coho, and chum salmon harvests were below harvest forecasts (Eggers and Carroll 2012), but the early-sockeye salmon harvest was stronger than expected.

There was a cost-recovery fishery near the Kitoi Bay Hatchery, with the harvest sold by Kodiak Regional Aquaculture Association. The cost-recovery fishery took approximately 1.13 million pink salmon (3.93 million pounds), about 38% of the 2012 Kitoi Bay Hatchery pink salmon harvest. In 2012, 5,409 sockeye, 4,317 coho, and 2,181 chum salmon were also harvested in the cost-recovery fishery.

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Appendix G2.—Map of the Afognak District of the Kodiak Management Area.

Appendix G3.–Daily salmon harvest by species for the management units of the East Afognak Management Plan, 2012.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Raspberry Strait Section													
251-11													
Total		0	0	0	0	0	0	0	0	0	0	0	0
Average weight													
Southeast Afognak Section	9-Jun ^a												
252-34 & 33	10-Jun	4	4	0	0	514	2,671	0	0	0	0	26	184
	11-Jun	6	6	1	7	1,147	5,338	0	0	9	29	355	2,567
	13-Jun ^a												
	16-Jun ^a												
	17-Jun ^a												
	19-Jun ^a												
	27-Jun ^a												
	13-Jul ^a												
	14-Jul ^a												
	15-Jul ^a												
	30-Jul ^a												
	31-Jul ^a												
	2-Aug ^a												
	5-Aug	7	7	1	6	250	1,195	204	1,209	65,091	227,662	154	1,007
	6-Aug	8	8	0	0	85	440	82	491	38,423	130,973	46	331
	7-Aug	11	11	0	0	146	791	176	1,171	96,913	351,733	66	498
	8-Aug	11	11	0	0	86	470	132	824	73,523	283,556	25	200
	9-Aug	11	11	0	0	38	220	86	552	36,066	124,314	12	86
	10-Aug	4	4	0	0	80	460	99	672	23,775	84,353	31	281
	11-Aug	9	12	0	0	210	1,134	319	2,618	86,076	300,004	86	700
	12-Aug	12	12	0	0	213	997	436	3,519	61,908	214,638	181	1,696
	13-Aug	8	8	0	0	136	702	355	2,920	36,650	128,696	20	172
	14-Aug	4	4	1	9	72	403	180	1,459	12,821	47,173	11	83
	15-Aug	9	9	1	17	96	437	392	2,911	42,947	147,367	9	64
	16-Aug	8	8	0	0	106	552	514	3,143	37,337	124,710	12	94
	17-Aug	5	6	3	29	31	163	171	1,343	12,565	44,263	34	354
	18-Aug	3	3	0	0	31	169	299	2,392	7,141	25,118	8	70
	19-Aug	5	5	0	0	45	240	292	1,910	14,188	45,191	3	16
	20-Aug	5	5	0	0	59	310	677	3,739	7,708	31,540	17	156

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Management		Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southeast Afognak	21-Aug	3	3	0	0	0	0	62	497	1,588	5,039	0	0
Section	22-Aug	4	4	1	13	98	530	836	6,402	6,373	21,384	3	20
252-34 & 33 (cont.)	23-Aug ^a												
	24-Aug	3	3	0	0	16	79	247	1,754	2,808	9,643	0	0
	25-Aug ^a												
Total		55	162	55	258	7,185	37,116	6,122	43,354	682,364	2,408,730	1,885	14,322
Average weight					4.69		5.17		7.08		3.53		7.60
Izhut Bay Section	10-Jun ^a												
252-30	11-Jun	3	3	5	33	261	1,270	0	0	0	0	814	6,872
	13-Jun ^a												
	14-Jun ^a												
	15-Jun	5	5	61	609	451	2,083	0	0	21	64	2,560	20,041
	16-Jun ^a												
	17-Jun	10	10	84	888	809	4,044	0	0	100	312	4,335	34,564
	18-Jun	5	5	109	1,138	411	2,210	0	0	44	159	1,530	11,875
	19-Jun	8	8	64	441	690	3,528	0	0	86	206	5,054	37,931
	20-Jun	4	4	13	136	313	1,467	0	0	68	97	1,389	8,931
	21-Jun	4	4	36	233	906	4,546	0	0	75	279	3,934	29,832
	22-Jun ^a												
	23-Jun ^a												
	24-Jun	7	7	29	216	808	4,380	0	0	130	438	4,729	39,455
	25-Jun	3	3	7	75	389	2,156	0	0	17	53	3,578	30,219
	26-Jun	6	6	26	283	493	2,514	0	0	62	208	4,416	34,290
	27-Jun	6	6	20	150	994	5,832	0	0	172	551	4,510	35,779
	28-Jun	8	8	32	223	784	4,213	0	0	155	527	5,245	41,081
	29-Jun	8	8	10	134	1,038	5,661	0	0	106	357	5,661	45,248
	30-Jun	8	8	32	212	1,006	5,452	0	0	281	899	5,940	40,780
	1-Jul	5	5	43	355	999	6,380	0	0	227	781	2,614	20,257
	2-Jul	12	13	73	658	1,528	8,770	0	0	384	1,327	5,656	44,694
	3-Jul	8	9	26	210	1,269	7,050	0	0	458	1,052	2,569	20,588
	4-Jul	5	5	6	50	2,155	12,946	0	0	518	1,813	3,214	25,723
	5-Jul	5	5	0	0	2,120	12,184	3	18	574	2,075	2,858	20,836
	6-Jul ^a												
	7-Jul	5	5	34	261	1,044	6,040	0	0	379	1,300	2,407	18,779
	24-Jul	4	4	32	208	448	2,467	38	277	1,849	6,125	307	2,701

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Izhut Bay Section 252-30 (cont.)	25-Jul ^a												
	31-Jul ^a												
	10-Aug	3	3	4	42	181	1,137	227	1,780	17,028	53,903	141	1,274
	11-Aug	29	31	2	33	500	2,737	2,044	14,422	163,582	574,043	260	2,225
	12-Aug	18	18	5	54	178	957	1,517	11,244	100,505	349,402	294	2,262
	13-Aug	23	26	5	37	262	1,332	1,959	11,863	94,600	338,497	172	1,416
	14-Aug	11	12	0	0	155	848	737	5,391	60,148	219,108	59	453
	15-Aug	11	12	0	0	42	221	629	4,373	34,225	121,879	34	280
	16-Aug	6	6	0	0	35	211	574	4,100	10,586	49,008	9	55
	17-Aug	9	9	0	0	45	233	1,228	9,565	19,687	74,408	15	108
	18-Aug	11	11	0	0	141	733	1,544	10,812	23,017	84,995	66	634
	19-Aug	9	9	0	0	93	486	1,927	13,695	23,389	81,450	20	154
	20-Aug	8	8	0	0	21	106	1,482	11,235	9,673	32,574	4	26
	21-Aug ^a												
	28-Aug ^a												
	29-Aug	6	6	1	9	23	108	1,382	10,215	3,547	12,347	21	183
	30-Aug	5	5	0	0	2	10	599	3,992	583	1,862	0	0
	31-Aug	3	3	0	0	3	20	345	2,319	520	2,084	0	0
	2-Sep ^a												
	6-Sep ^a												
Total		89	311	872	8,023	22,183	122,332	16,780	119,116	573,219	2,036,885	79,669	619,023
Average weight					9.20		5.51		7.10		3.55		7.77
Duck Bay Section 252-31 & 35	9-Jun ^a												
	10-Jun ^a												
	11-Jun ^a												
	12-Jun	3	3	5	19	859	4,339	0	0	61	192	932	7,058
	13-Jun ^a												
	14-Jun	3	3	6	39	196	962	0	0	55	175	119	736
	15-Jun	3	3	79	374	1,309	6,594	0	0	107	325	344	2,470
	16-Jun	4	4	5	58	1,283	5,827	0	0	70	228	1,187	9,599
	17-Jun	4	4	13	101	772	4,214	0	0	83	238	2,663	19,122
	18-Jun	4	4	34	221	176	981	0	0	8	24	700	5,060
	19-Jun	6	6	9	67	432	2,346	0	0	46	144	1,033	8,341
	20-Jun	3	3	16	137	290	1,656	0	0	39	97	1,073	7,668
	21-Jun	4	4	3	19	432	2,358	0	0	58	173	1,453	9,935

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Management		Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Duck Bay Section	22-Jun	4	4	8	41	595	3,321	0	0	33	103	4,229	33,012
252-31 & 35 (cont.)	24-Jun	4	4	8	28	836	4,263	0	0	79	242	1,852	13,072
	25-Jun	6	6	21	109	1,170	6,565	1	3	192	645	3,319	23,628
	26-Jun	7	7	28	135	743	3,927	0	0	73	247	2,402	15,710
	27-Jun	11	11	128	704	2,423	11,570	0	0	440	1,333	2,754	19,882
	28-Jun	8	8	56	187	776	4,181	0	0	108	356	2,128	15,151
	29-Jun	9	9	135	789	1,675	8,849	0	0	653	1,857	2,664	19,895
	30-Jun	8	8	61	500	1,326	7,230	2	9	331	1,073	6,363	45,766
	1-Jul	11	11	175	907	5,154	27,249	8	47	1,245	4,024	5,311	44,283
	2-Jul	11	11	68	332	2,451	13,269	2	12	768	2,178	4,790	35,204
	3-Jul	11	11	9	36	4,015	20,575	6	31	1,083	3,292	3,553	28,090
	4-Jul	4	4	0	0	2,706	16,283	28	149	1,463	4,412	1,263	8,842
	5-Jul	10	10	24	91	8,260	44,854	34	185	4,396	13,510	4,261	32,611
	6-Jul	6	6	61	293	4,200	25,822	1	2	3,516	8,576	3,414	25,193
	7-Jul	15	15	76	373	11,717	61,376	242	1,236	10,928	34,379	4,718	36,099
	8-Jul	13	14	58	250	4,031	23,592	167	1,018	4,707	15,514	2,741	19,936
	9-Jul	3	3	0	0	664	3,704	21	130	697	2,365	738	4,633
	13-Jul	3	3	26	220	1,120	6,853	71	391	2,300	7,511	193	1,730
	14-Jul	3	3	27	160	2,603	13,789	136	841	4,603	14,520	576	4,537
	15-Jul	8	8	10	55	2,440	12,258	192	1,224	4,254	12,932	527	3,455
	16-Jul	4	4	0	0	751	3,999	64	401	1,418	4,811	141	1,002
	20-Jul ^a												
	21-Jul	3	3	51	263	1,106	5,743	316	1,815	6,123	23,213	432	2,840
	22-Jul ^a												
	23-Jul ^a												
	24-Jul	7	7	14	85	1,166	6,523	258	1,499	12,639	42,820	1,031	8,583
	25-Jul	9	9	95	610	2,600	15,855	500	2,975	17,449	62,532	2,238	14,736
	26-Jul	4	4	9	30	184	962	99	771	5,234	19,244	39	282
	27-Jul	5	5	16	46	347	1,890	170	1,099	12,417	40,914	154	1,270
	28-Jul	3	4	17	75	239	1,280	266	1,896	12,620	47,172	91	661
	29-Jul	4	4	19	103	367	1,843	233	1,500	18,444	63,414	188	1,405
	30-Jul	6	6	2	15	297	1,533	495	3,259	36,919	123,234	155	1,216
	31-Jul	7	9	1	37	257	1,416	402	2,761	43,191	147,538	164	1,276
	10-Aug ^a												
	11-Aug ^a												
	12-Aug	14	14	0	0	110	550	1,033	7,455	86,505	287,473	46	327

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Management		Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Duck Bay Section	13-Aug	17	18	0	0	191	934	1,528	11,343	92,228	313,656	26	215
252-31 & 35 (cont.)	14-Aug	7	8	1	12	25	123	602	4,314	47,753	174,712	6	40
	15-Aug	12	13	0	0	156	732	881	7,457	48,155	179,302	8	66
	16-Aug	17	17	0	0	203	1,059	2,436	16,313	77,058	270,163	5,039	19,193
	17-Aug	10	11	0	0	199	1,326	960	6,626	24,435	90,149	10	109
	18-Aug	10	10	0	0	319	2,450	1,687	11,403	35,928	133,410	256	2,526
	19-Aug	7	7	2	23	75	404	1,787	11,543	30,287	103,713	14	71
	20-Aug	14	14	1	14	127	664	3,138	21,570	36,187	115,245	1,316	5,584
	21-Aug	9	9	0	0	79	384	2,447	16,515	26,392	101,362	3	22
	23-Aug ^a												
	26-Aug ^a												
	28-Aug	3	3	0	0	8	42	312	2,178	701	2,693	1	6
	29-Aug	3	3	0	0	13	63	414	2,768	630	2,223	1	14
	30-Aug ^a												
	1-Sep ^a												
Total		87	388	1,465	8,631	75,940	413,224	21,816	150,333	736,230	2,555,295	80,346	574,836
Average weight					5.89		5.44		6.89		3.47		7.15
Inner & Outer Kitoi 252-32	9-Jun ^a												
	11-Jun ^a												
	13-Jun ^a												
	14-Jun	4	4	5	19	421	1,973	0	0	10	33	2,024	15,480
	15-Jun	4	4	17	101	258	1,231	0	0	7	19	5,064	40,280
	16-Jun ^a												
	17-Jun	8	8	34	199	594	3,068	0	0	34	108	5,523	40,470
	18-Jun ^a												
	19-Jun	5	5	19	114	227	1,147	0	0	25	75	1,816	15,207
	20-Jun ^a												
	21-Jun	6	6	24	102	1,155	5,640	0	0	100	290	5,611	47,316
	23-Jun	10	10	181	875	1,045	5,135	0	0	65	189	6,597	55,502
	24-Jun ^a												16,433
	25-Jun	8	8	7	40	1,162	5,577	0	0	27	87	8,272	66,800
	26-Jun	4	4	1	1	251	1,179	0	0	2	8	2,061	14,830
	27-Jun	5	5	2	11	476	2,327	0	0	32	96	3,576	26,950
	28-Jun ^a												
	29-Jun ^a												

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Appendix G3.–Page 6 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner & Outer Kitoi 252-32 (cont.)	30-Jun ^a												
	1-Jul ^a												
	3-Aug ^a												
	4-Aug ^a												
	5-Aug ^a												
	6-Aug ^a												
	7-Aug ^a												
	8-Aug	3	3	0	0	42	206	65	323	110,932	391,272	15	79
	9-Aug ^a												
	10-Aug ^a												
	11-Aug ^a												
	13-Aug ^a												
	14-Aug	60	66	7	38	511	2,672	2,191	14,415	419,226	1,425,642	289	2,613
	15-Aug	14	14	0	0	28	125	587	4,271	42,414	143,624	198	2,145
	16-Aug	6	6	0	0	28	148	276	2,042	20,193	68,874	2	14
	18-Aug ^a												
	20-Aug ^a												
	29-Aug	3	4	0	0	0	0	503	3,237	1,281	4,061	0	0
	30-Aug ^a												
	31-Aug ^a												
	1-Sep	3	3	0	0	1	5	1,263	11,126	615	2,184	1	7
Total		79	189	337	1,846	13,810	69,621	9,757	64,625	1,658,621	5,726,624	58,725	453,932
Average weight					5.48		5.04		6.62		3.45		7.73
Management Units Targeting Kitoi Hatchery (Inner & Outer Kitoi, Izhut and Duck Bay Sections)													
Subtotal		128	888	2,674	18,500	111,933	605,177	48,353	334,074	2,968,070	10,318,804	218,740	1,647,790
Avg. Wt.					6.92		5.41		6.91		3.48		7.53
East Afognak Management Units													
Grand Total		131	1,050	2,729	18,758	119,118	642,293	54,475	377,428	3,650,434	12,727,534	220,625	1,662,112
Average weight					6.87		5.39		6.93		3.49		7.53

^a Confidential.

APPENDIX H. SPIRIDON BAY SPECIAL HARVEST AREA FISHERY SUMMARY

INTRODUCTION

Adult sockeye salmon return each year to Telrod Cove in Spiridon Bay as a result of a juvenile stocking program of Spiridon Lake conducted by Kodiak Regional Aquaculture Association (KRAA; Appendix H2). Some of these fish were harvested in Westside Kodiak commercial fisheries, and the remainder was harvested in a terminal fishery in the Spiridon Bay Special Harvest Area (SBSHA) in Telrod Cove. A total return of approximately 173,000 Spiridon Lake sockeye salmon was expected in 2012 (Eggers and Carroll 2012). Sockeye salmon stocked into Spiridon Lake were from Saltery Lake broodstock. Spiridon Lake sockeye salmon are expected to return in late June to early July, peak in mid-to-late July, and end by mid-August. This run timing should follow the Saltery Lake sockeye salmon stock.

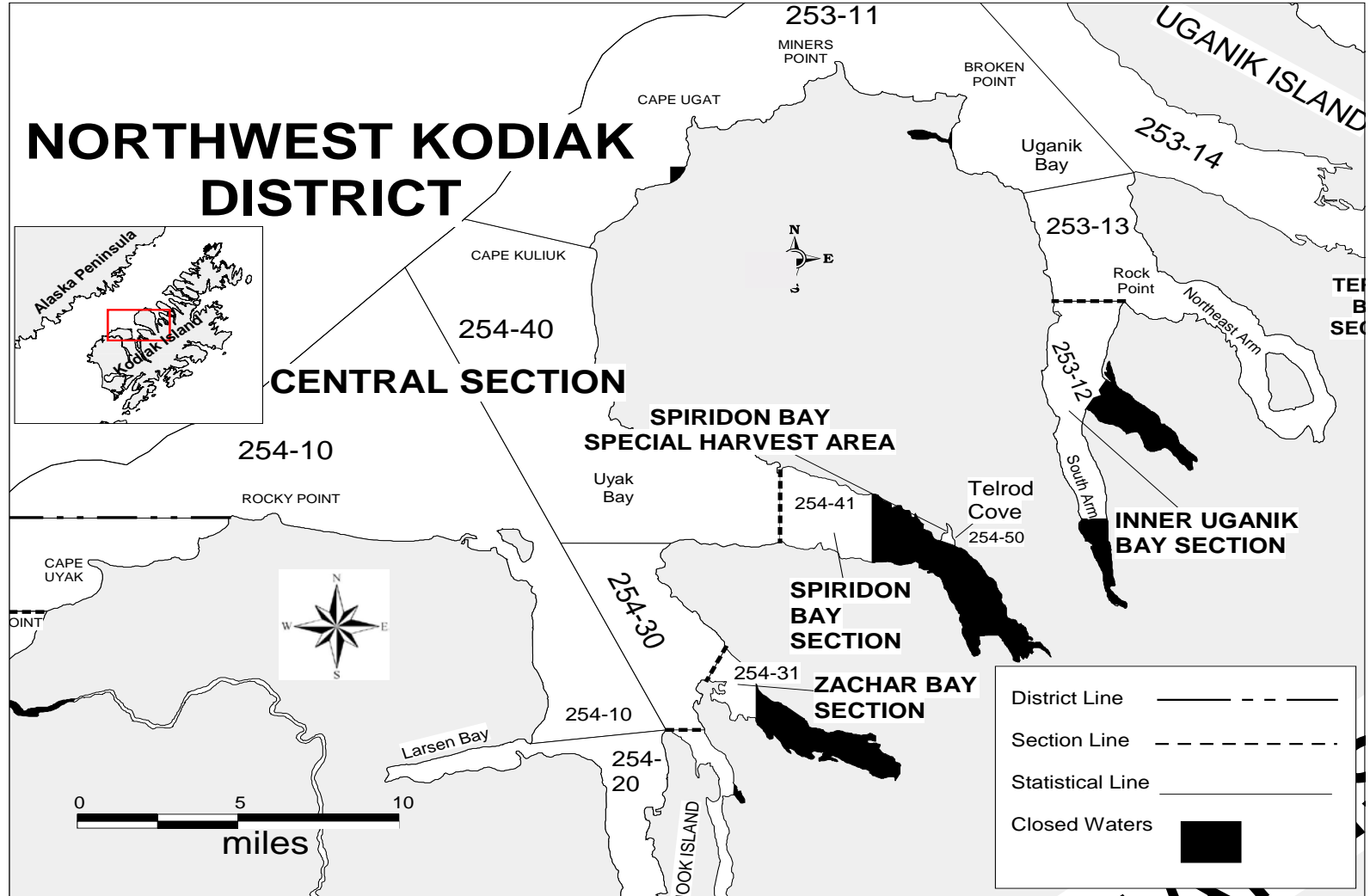
2012 Spiridon Bay Sockeye Salmon Fishery

KRAA conducted a cost-recovery harvest to help fund a portion of the stocking program. The cost-recovery harvest began on June 24 and continued until July 7, and harvested 21,038 sockeye, 152 pink, and 16 chum salmon. With the conclusion of the cost-recovery harvest, the common property fishery was opened on July 8 and remained open through August 4 after the sockeye salmon run had subsided. Twenty purse seiner permit holders harvested a total of one Chinook, 56,896 sockeye, zero coho, 65,304 pink, and 3,466 chum salmon in the common property fishery in SBSHA (Appendix H3). The total number of sockeye salmon harvested in Telrod Cove was 77,934 fish, 27% (21,038 fish) of which was harvested for cost recovery (Appendix H4).

In 2012, salmon purse seine and set gillnet permit holders were allowed to fish a relatively liberal fishing schedule in July along the west side of Kodiak Island in anticipation of a strong pink salmon run. In early August the fishing schedule was reduced when it became apparent that the Westside pink salmon run was weaker than forecast. As a result of the long fishing periods in July, the percentage of Spiridon-bound sockeye salmon harvested in areas outside of SBSHA was higher than in some previous years, when a lower pink salmon run forecast resulted in restricted fishing time. The total number of sockeye salmon returning to the Spiridon enhancement project that were sold in 2012 was estimated at 171,343 fish, with approximately 45% (77,934 fish) harvested within SBSHA and an estimated 45% (93,409 fish) harvested in the Southwest Afognak Section and Central and North Cape sections of the Northwest Kodiak District (Appendix H4). This estimate was based on analyses of commercial catch samples collected inseason from the Westside Kodiak fisheries in 2012 (Moore 2012), using the same analytical protocols used in 2008 through 2011.

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- Moore, M. L. 2013. Kodiak Management Area salmon escapement and catch sampling results, 2012. Alaska Department of Fish and Game, Fishery Data Series No. 13-48, Anchorage.



Appendix H2.—Map of the Spiridon Bay Special Harvest Area in the Northwest Kodiak District.

Appendix H3.–Daily salmon harvest by species in the Spiridon Bay Special Harvest Area, 2012.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Spiridon Bay SHA													
	8-Jul	12	13	1	6	4,201	22,934	0	0	616	1,905	211	2,231
	9-Jul	11	11	0	0	2,454	14,114	0	0	562	1,334	30	259
	10-Jul	10	11	0	0	2,694	14,588	0	0	538	1,403	47	468
	11-Jul	11	11	0	0	3,922	21,453	0	0	670	2,603	114	1,034
	12-Jul	8	8	0	0	1,880	10,487	0	0	363	1,231	19	195
	13-Jul	5	5	0	0	2,407	12,743	0	0	369	1,377	67	665
	14-Jul	4	4	0	0	9,817	23,578	0	0	796	2,042	45	410
	15-Jul	9	10	0	0	4,508	25,423	0	0	1,122	4,014	98	894
	16-Jul	6	6	0	0	2,988	18,544	0	0	706	2,669	45	385
	17-Jul	9	9	0	0	2,710	14,283	0	0	608	2,155	11	107
	18-Jul	9	9	0	0	3,065	16,717	0	0	611	2,166	19	182
	19-Jul	9	9	0	0	4,332	22,345	0	0	2,035	5,772	35	373
	20-Jul												
	21-Jul	8	8	0	0	3,273	19,732	0	0	8,281	26,623	325	2,762
	22-Jul ^a												
	23-Jul	3	3	0	0	509	2,677	0	0	2,789	9,400	1,096	9,424
	24-Jul	4	4	0	0	628	5,348	0	0	3,265	13,990	561	5,631
	25-Jul	5	5	0	0	844	5,145	0	0	3,631	12,827	87	630
	26-Jul	6	6	0	0	1,042	5,634	0	0	8,326	24,031	171	1,578
	27-Jul ^a												
	29-Jul	5	7	0	0	1,293	6,742	0	0	9,937	38,328	94	612
	30-Jul	5	5	0	0	725	3,264	0	0	10,475	37,806	166	1,157
	31-Jul	5	5	0	0	152	516	0	0	757	3,181	6	39
	1-Aug ^a												
	2-Aug ^a												
	3-Aug ^a												
	4-Aug ^a												
Total		20	163	1	6	56,896	281,779	0	0	65,304	230,620	3,466	30,755
Average weight					6.00		4.95		0.0		3.53		8.87

Note: Harvest does not include fish set aside for personal use or fish harvested in cost recovery fisheries.

^a Confidential

Appendix H4.—Estimated contribution to the commercial harvest from the Spiridon Lake sockeye salmon enhancement project by locality in the Kodiak Management Area, 2012.

	Actual	Estimated	
	Telrod Cove	Southwest Afognak Section and NW Kodiak District	Westside Total
Cost recovery	21,038	0	21,038
Common property	56,896	93,409	150,305
Total harvest	77,934	93,409	171,343
Percent	45%	55%	100%

APPENDIX I. EASTSIDE KODIAK FISHERY SUMMARY

INTRODUCTION

The goal of the *Eastside Kodiak Salmon Management Plan* is to achieve escapement and harvest objectives for sockeye, pink, chum, and coho salmon returning to spawning streams in the Northeast Kodiak and Eastside Kodiak districts. This plan details the key species and targeted stocks that are managed in each of these sections throughout the fishing season (5 AAC 18.367).

For the Northeast Kodiak District (Appendix I2), all sections are to remain closed to commercial salmon fishing until July 6, when the general pink salmon fishery begins for most of the Kodiak Management Area (Jackson and Dinnocenzo 2012). Fishing opportunities through August 24 are based on the abundance of local and mixed pink and chum salmon, except that in the Buskin River Section from July 6 through 15 fishing could be allowed based on local pink salmon and Buskin River sockeye salmon. From August 25 through September 5, fishing periods are based on the abundance of local pink and coho salmon, and after September 5, on local coho salmon.

For most of the Eastside Kodiak District in 2012 (Appendix I3), not more than two 33-hour fishing periods could occur from June 14 through July 5 to harvest local and migrating sockeye salmon. The Inner Ugak Bay Section could not open for more than two 33-hour fishing periods from June 14 through June 21. From June 22 to July 5, fishing opportunities are based on sockeye salmon bound to either the Pasagshak River in Outer Ugak Bay Section or the Saltery River in Inner Ugak Bay Section. From July 6 through August 24, fishing opportunities in all sections are based on the abundance of local and mixed pink and chum salmon, except that in Inner Ugak Bay Section, Saltery Lake sockeye salmon escapement must be considered through July 31. From August 25 through September 5, fishing periods are based on the abundance of local pink, chum, and coho salmon, and after September 5, on local coho salmon abundance (5 AAC 18.367).

Within the Buskin River Section of the Northeast Kodiak District, the Buskin Lake system produces a significant run of sockeye salmon that is targeted by a large number of subsistence fishermen. A weir is operated on the Buskin River to enumerate escapement. Within the Inner Ugak Bay Section of the Eastside Kodiak District, the Saltery Lake system produces a significant run of sockeye salmon. A weir is operated on this stream by Kodiak Regional Aquaculture Association and the department to enumerate sockeye salmon. Other minor sockeye salmon systems are present in the Eastside Kodiak District, including Pasagshak Lake, Lake Miam, and Ocean Beach.

2012 Eastside Kodiak Fisheries

The Saltery River sockeye salmon run was moderate with cumulative escapement past Saltery weir of 27,188 fish (Fuerst 2013), within the desired escapement goal range of 15,000 to 35,000 fish (Jackson and Dinnocenzo 2012). There were two 33-hour fishing periods in the Inner Ugak Bay Section beginning on June 14 and June 21. The next period opened on June 26 and remained open continuously until July 8. The next period occurred on July 13 and was extended on July 16. The final opening in the Inner Ugak Bay for the month of July occurred from July 20 through July 26. Once it was apparent that there was adequate escapement of pink salmon in the area, the Inner Ugak Bay opened on August 10 for 57 hours. There were two additional 57-hour fishing opportunities during the month of August with fishing periods beginning on August 17 and August 23. The final 57-hour fishing period occurred on September 7.

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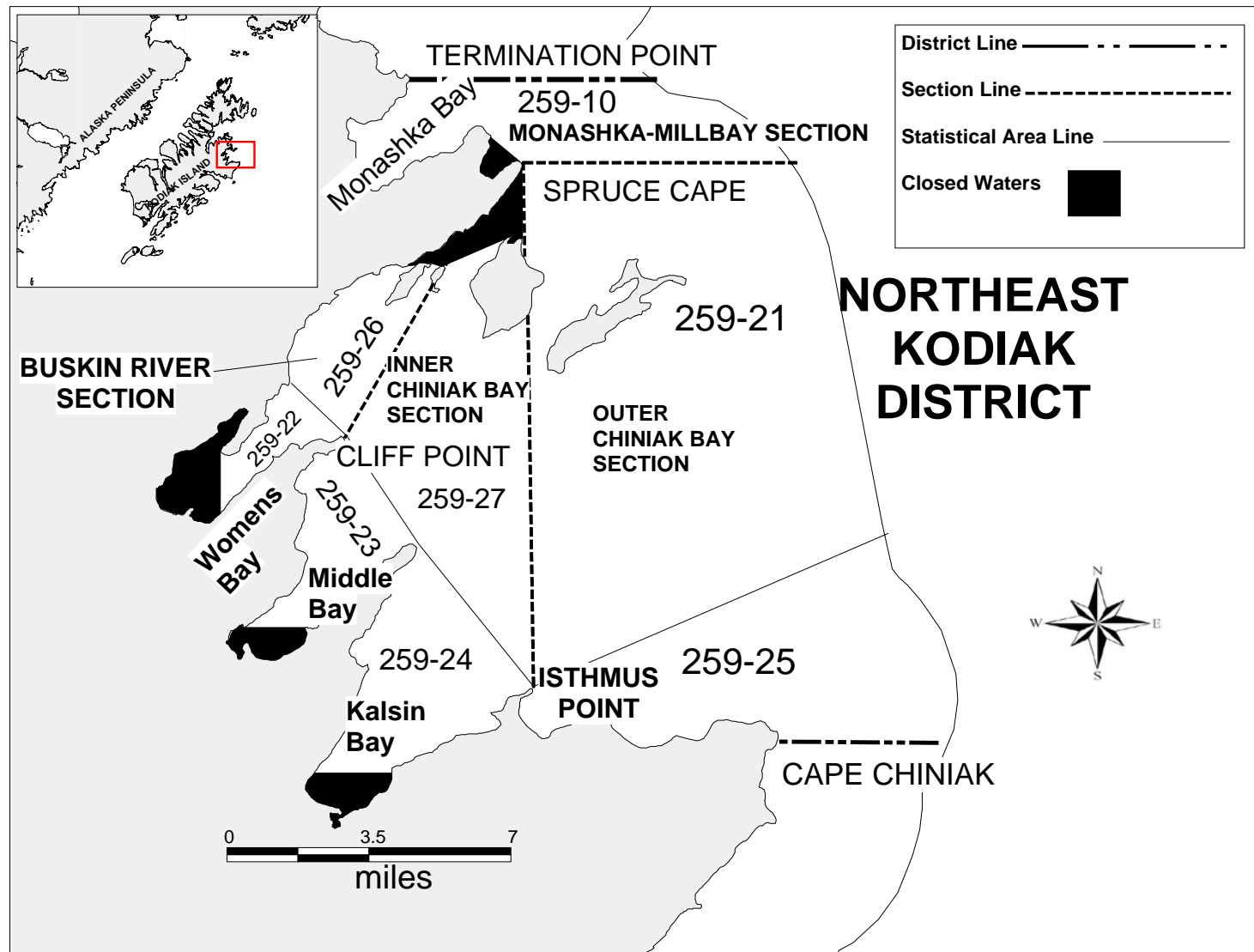
In 2011, a weir was established at the outlet of Pasagshak Lake to enumerate sockeye salmon. Because this was only the second year this weir was in operation, the data was of little value in assessing inseason run strength. A total of 4,585 sockeye salmon were estimated to have passed the weir in 2012 (Fuerst 2013), above the lower-bound sustainable escapement goal of 3,000 fish (Nemeth et al. 2010).

The Buskin River had a strong sockeye salmon run during the 2012 season. It was not necessary to close the subsistence fishery to conserve sockeye salmon needed for escapement. A total of 8,565 sockeye salmon escaped through Buskin River weir (Fuerst 2013), above the escapement goal range of 5,000 to 8,000 fish (Nemeth et al. 2010).

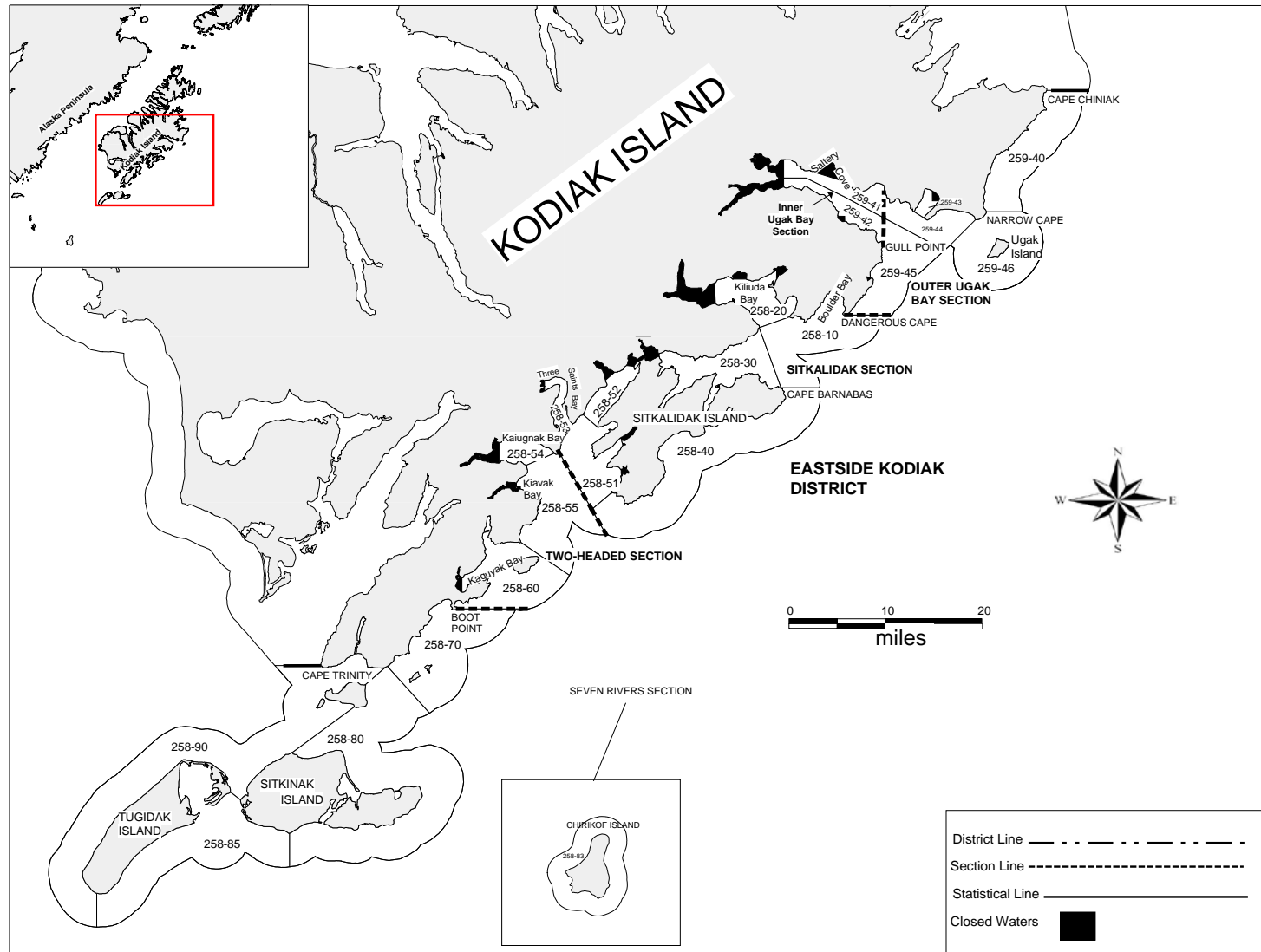
Generally, pink and chum salmon runs in the Eastside Kodiak fishery were strong, especially south of Old Harbor and in Chiniak Bay. As a result, the Eastside Kodiak management units (Northeast and Eastside Kodiak districts) were open most of August, allowing a harvest of pink and chum salmon in excess of escapement needs in these areas. The total commercial harvest for the Eastside Kodiak management units by 99 permit holders included 3,091 Chinook, 169,135 sockeye, 13,117 coho, 808,868 pink, and 193,020 chum salmon (Appendix I4). The last landing from Eastside Kodiak management units occurred on September 20.

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- Nemeth, M. J., M. J. Witteveen, M. B. Foster, H. Finkle, J. W. Erickson, J. S. Schmidt, S. J. Fleischman, and D. Tracy. 2010. Review of escapement goals in 2010 for salmon stocks in the Kodiak Management Area, Alaska. Alaska Department of Fish and Game, Fishery Manuscript No. 10-09, Anchorage.



Appendix I2.—Map of the Northeast Kodiak District commercial salmon fishing sections and statistical areas.



Appendix I3.—Map of the Eastside Kodiak District commercial salmon fishing sections and statistical areas.

Appendix I4.—Daily commercial salmon harvest by species for the Eastside Kodiak Management Plan units, 2012.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
East Kodiak District	14-Jun	19	19	19	150	23,694	115,596	0	0	861	2,340	7,684	55,139
	15-Jun	10	10	38	302	14,817	78,844	0	0	819	2,100	6,176	45,907
	21-Jun	14	15	134	743	7,582	39,441	0	0	578	2,103	2,398	17,421
	22-Jun ^a												
	27-Jun ^a												
	28-Jun	3	4	21	211	401	2,219	0	0	11	33	27	206
	29-Jun ^a												
	30-Jun ^a												
	1-Jul	3	3	4	56	1,532	8,133	0	0	23	106	59	465
	3-Jul	3	3	0	0	369	1,940	0	0	13	44	103	823
	5-Jul ^a												
	6-Jul	33	33	1,029	5,736	28,699	161,288	233	1,603	17,176	48,320	7,634	58,342
	7-Jul	17	17	240	1,738	12,291	72,434	266	1,456	7,900	24,480	4,204	29,099
	8-Jul	34	34	456	2,609	20,000	115,168	340	2,288	15,214	46,885	4,459	32,744
	9-Jul ^a												
	13-Jul	17	17	185	1,038	13,124	80,098	712	3,794	8,267	25,581	2,224	16,527
	14-Jul	8	8	274	953	5,541	37,090	325	2,052	5,359	16,817	975	7,873
	15-Jul	21	21	262	1,515	16,425	99,454	785	4,478	16,389	49,059	3,498	26,601
	16-Jul	7	7	215	1,748	6,317	28,921	407	2,442	5,991	18,023	1,588	10,255
	20-Jul	13	13	107	656	5,893	30,977	234	1,322	13,953	42,488	2,624	20,440
	21-Jul	5	5	15	103	1,263	7,596	154	986	4,969	16,196	1,303	9,046
	22-Jul	8	8	28	403	2,801	14,355	150	832	12,927	42,499	1,386	10,745
	23-Jul ^a												
	24-Jul	4	4	3	36	704	3,063	25	122	3,887	10,010	2,322	16,057
	25-Jul	4	4	2	27	154	830	0	0	4,256	13,219	2,087	18,539
	26-Jul ^a												
	7-Aug ^a												
	9-Aug ^a												
	10-Aug	16	21	5	40	179	870	24	150	110,126	383,638	28,651	213,880
	11-Aug	18	21	3	57	260	1,292	68	551	78,711	262,997	20,191	160,141
	12-Aug	10	10	1	9	179	883	45	343	55,159	165,704	10,214	82,581
	17-Aug	23	23	2	51	377	1,919	287	1,688	95,124	382,432	22,445	165,701
	18-Aug	14	14	0	0	261	1,412	264	1,881	46,949	170,444	6,900	51,885
	19-Aug	15	15	3	48	83	494	106	771	29,084	119,569	3,231	22,779
	23-Aug	23	23	3	58	29	177	285	2,619	73,672	274,199	15,560	126,542
	24-Aug	5	5	0	0	6	34	37	277	5,921	20,741	1,944	16,929

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Appendix I4.–Page 2 of 3.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
East Kodiak	25-Aug	12	12	2	33	106	671	2,004	7,344	9,608	30,814	2,186	17,592
District (cont.)	31-Aug	7	7	0	0	1	6	632	4,793	18,862	58,496	5,772	47,122
	1-Sep ^a												
	2-Sep	7	7	0	0	0	0	292	2,516	6,389	19,553	3,475	29,591
	7-Sep	3	3	0	0	0	0	1,355	12,452	496	1,587	1,693	15,287
	8-Sep	3	3	0	0	0	0	1,613	13,631	285	925	2,650	21,920
	9-Sep	3	3	0	0	1	5	1,017	7,766	25	90	225	1,760
Total		88	407	3,078	18,461	168,886	938,041	11,826	79,477	657,468	2,277,818	178,341	1,368,974
Average weight					6.00		5.55		6.72		3.46		7.68
Northeast Kodiak	15-Jul ^a												
District	21-Jul ^a												
	31-Jul ^a												
	2-Aug ^a												
	3-Aug ^a												
	4-Aug	4	5	1	27	33	189	19	105	11,275	42,262	954	6,706
	5-Aug	3	4	2	10	119	651	194	513	19,967	82,519	188	1,238
	6-Aug	5	5	1	14	2	10	6	45	25,426	81,522	829	5,913
	7-Aug	3	3	0	0	0	0	2	8	6,849	26,026	750	4,975
	8-Aug	8	9	4	11	1	6	15	81	21,612	81,364	3,611	34,900
	9-Aug	7	7	1	12	4	18	4	20	18,577	64,514	1,584	12,185
	10-Aug	4	5	0	0	1	5	1	6	2,855	10,642	3,097	24,735
	11-Aug ^a												
	12-Aug ^a												
	13-Aug ^a												
	15-Aug	3	3	0	0	1	4	17	118	4,636	18,243	15	129
	16-Aug	4	4	0	0	3	15	8	47	4,040	16,493	857	8,192
	17-Aug ^a												
	19-Aug ^a												
	20-Aug ^a												
	21-Aug ^a												
	22-Aug ^a												

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Appendix I4.—Page 3 of 3.

Management		Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Kodiak	25-Aug ^a												
District (cont.)	1-Sep ^a												
	6-Sep ^a												
	20-Sep ^a												
Total		22	66	13	94	249	1,397	1,291	7,929	151,400	559,432	14,679	121,960
Average weight					7.23		5.61		6.14		3.70		8.31
Eastside Management													
Plan													
Total		99	473	3,091	18,555	169,135	939,438	13,117	87,406	808,868	2,837,250	193,020	1,490,934
Avg. wt.					6.00		5.55		6.66		3.51		7.72

^a Confidential.

APPENDIX J. NORTH AFOGNAK/SHUYAK FISHERY SUMMARY

INTRODUCTION

In November of 1995, the Board of fisheries adopted the *North Afognak/Shuyak Island Salmon Management Plan* into regulation (5 AAC 18.368). This plan governs all commercial salmon fisheries on the north end of the Kodiak Archipelago. Though no comprehensive regulatory management plan was in effect prior to that date, the commercial fisheries of the area had followed a framework developed by fishery managers beginning in the early 1970s, with the harvest strategy remaining basically unchanged after 1987. The goal of this plan is to achieve escapement and harvest objectives for sockeye, pink, and coho salmon returning to spawning systems located in the Northeast Afognak, Perenosa Bay, Pauls Bay, Shuyak Island, and Northwest Afognak sections of the Afognak District (Appendix J2). This plan details the key species and targeted stocks that are managed in each of these sections throughout the fishing season. This plan was first in effect during the 1996 season and was most recently modified in January of 2005.

For the Northeast Afognak and Shuyak Island sections, commercial salmon fishing was to remain closed until July 6 when the general pink salmon fishery began for most of the Kodiak Management Area (KMA). Fishing opportunities in the Northeast Afognak Section were based on the abundance of local and migrating pink salmon through August 24; local pink and coho salmon from August 25 through September 5; and on local coho salmon after September 5. Fishing opportunities in the Shuyak Island Section were to be based on the abundance of local and mixed pink salmon through August 1, then on local coho salmon through the end of the season. From July 6 to 25 the Shuyak Island Section was also managed in accordance with the *North Shelikof Strait Sockeye Salmon Management Plan* (5 AAC 18.363).

For the Perenosa Bay Section, from June 1 through July 5, fishing opportunities were based on sockeye salmon returning to the Pauls Bay and Portage Lake systems. Additional fishing time could be allowed to harvest enhanced sockeye salmon bound for the Little Waterfall system, but only inside the Waterfall Bay Special Harvest Area (WBSHA). From July 6 through July 20, management for the Perenosa Bay Section was based on local and migrating Kodiak pink salmon, and sockeye salmon migrating to Pauls and Portage lakes. From July 21 through August 20, management was based on the abundance of local and migrating pink salmon; from August 21 through September 5, on local pink and coho salmon; and after September 5, on the abundance of local coho salmon.

For the Northwest Afognak Section, from June 1 through July 5, fishing opportunities were based on sockeye salmon bound to the minor systems at Thorsheim Lake and Long Lagoon, although there could be no more than two 33-hour fishing periods. Additional fishing time could be allowed to harvest enhanced sockeye salmon bound for the Hidden Lake system, but only in the Foul Bay Special Harvest Area (FBSHA). From July 6 through August 24, management was based on the abundance of local and mixed pink salmon; and after August 24, fishing periods were based on the abundance of local coho salmon. Additional fishing time may be allowed to harvest enhanced coho salmon bound for the Hidden Lake System, but only in the FBSHA. From July 6 through July 25 the Northwest Afognak Section was also managed in accordance with the

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North Shelikof Strait Sockeye Salmon Management Plan (5 AAC 18.363). For the Pauls Bay Section, from June 1 through July 5, fishing opportunities were based on sockeye salmon returning to Pauls Lake. From July 6 through August 1, management of the Pauls Bay Section was based on local and mixed pink and sockeye salmon bound for Pauls Lake. After August 1, management was based on the abundance of local coho salmon.

2012 North Afognak/Shuyak Island Fisheries

In 2012, the first commercial salmon fishing period for the North Afognak/Shuyak Island management units began June 9, and was limited initially to the FBSHA and the WBSHA. The 2012 sockeye salmon harvest in FBSHA was the largest since 2003. There were six permit holders that harvested 9 Chinook, 24,591 sockeye, 227 pink, and 23 chum salmon (Appendix J3). The WBSHA also had a strong return of sockeye salmon and nine permit holders harvested 15,729 sockeye and 18 chum salmon (Appendix J3).

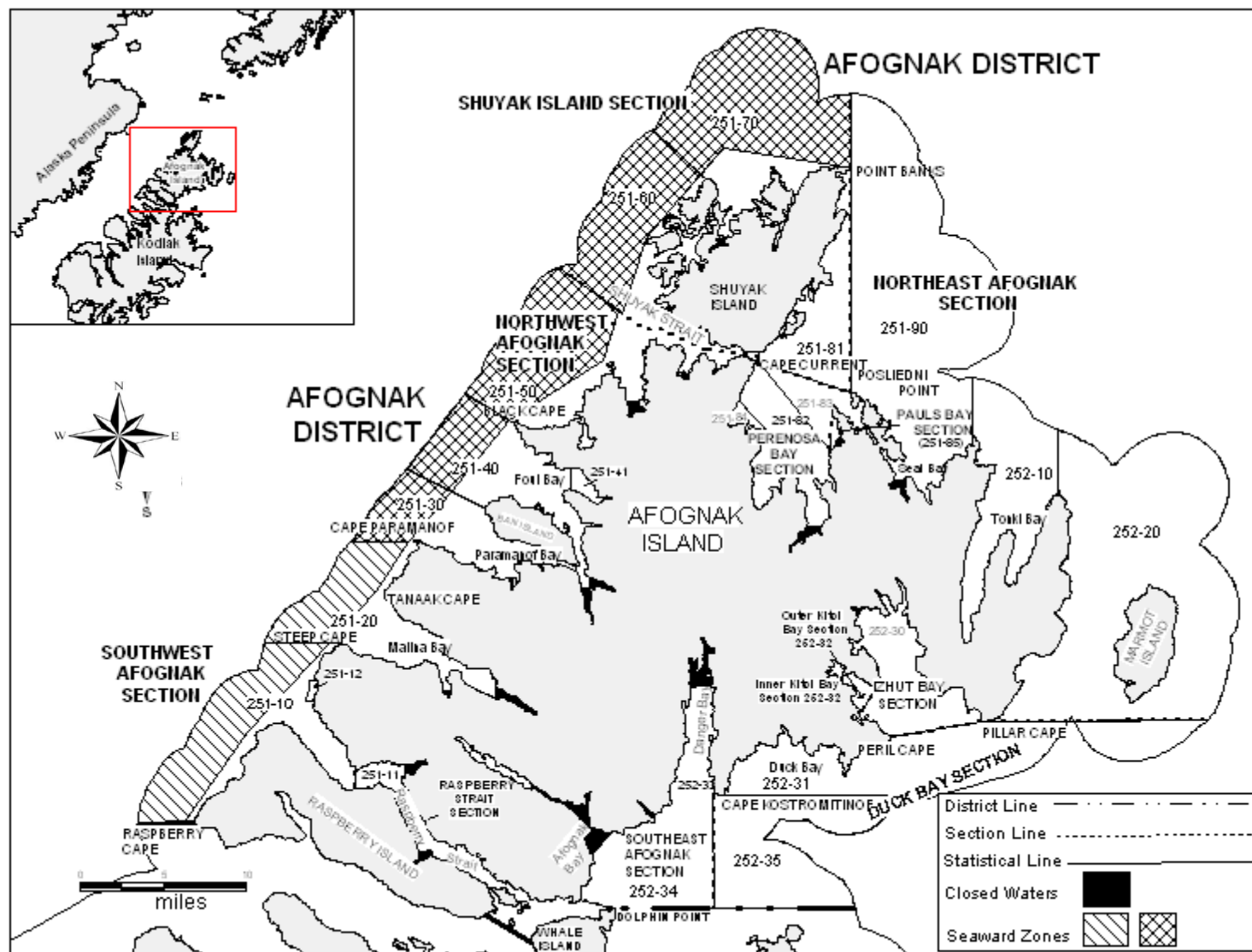
The Pauls Bay Section opened on June 14 and June 21 for two 33-hour periods in order to test the strength of the sockeye salmon run. (Appendix J3). Due to budget constraints, the Pauls Bay weir was not operated in 2012. Aerial and foot surveys were used to determine sockeye salmon escapement. The Pauls Bay Section opened to commercial salmon fishing with most other areas in the KMA to allow the harvest of pink salmon on July 6 for 57 hours, and there were three 81-hour fishing periods beginning on July 13, July 20, and July 27. Pink salmon returns were strong and fishing time in August occurred continuously from August 1 through August 13. There was also one 78-hour opening on August 25. After the August 25 fishing period, it was determined that coho salmon abundance was weak, and no fishing opportunity was permitted for the remainder of the season. Effort was average in the Pauls Bay Section when compared to previous years with 21 permit holders harvesting 32 Chinook, 10,970 sockeye, 2,994 coho, 216,287 pink, and 1,927 chum salmon (Appendix J3).

The Department of Natural Resources, local Division of Parks and Outdoor Recreation staff, and volunteers did not operate a fish counting weir on Big Bay Creek on the west side of Shuyak Island during the 2012 season.

The last landing in the North Afognak/Shuyak Island management units occurred on August 28. In all the units of the North Afognak/Shuyak fishery combined, 39 permit holders made 270 landings and harvested 199 Chinook, 85,423 sockeye, 8,704 coho, 1,129,906 pink, and 16,520 chum salmon (Appendix J3).

REFERENCES CITED

Fuerst, B. A. 2013. Kodiak Management Area weir descriptions and salmon escapement report, 2012. Alaska Department of Fish and Game, Fisheries Management Report 13-25, Anchorage.



Appendix J2.—Map of the Afognak District within the Kodiak Management Area.

Appendix J3.—Daily salmon harvest by species for the North Afognak/Shuyak Island management units, 2012.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Afognak Section	4-Jul ^a												
	7-Jul ^a												
	8-Jul ^a												
	13-Jul ^a												
	27-Jul ^a												
	28-Jul ^a												
	29-Jul	3	3	4	21	269	1,301	118	734	24,487	77,441	189	1,534
	30-Jul ^a												
	31-Jul ^a												
	1-Aug ^a												
	2-Aug	3	3	4	25	163	1,051	86	697	21,954	72,479	172	1,275
	3-Aug	6	6	3	18	120	721	184	1,277	18,809	68,078	183	1,485
	4-Aug	4	4	1	25	86	483	63	441	9,943	32,236	91	641
	5-Aug ^a												
	6-Aug	3	3	1	14	257	1,291	213	1,357	35,702	126,293	186	1,263
	7-Aug	6	6	6	45	294	1,458	408	2,808	51,518	156,712	331	2,401
	8-Aug	7	8	2	21	353	1,927	524	3,733	56,078	183,842	452	3,352
	9-Aug	8	9	4	10	201	1,117	343	2,416	54,334	166,131	422	3,056
	10-Aug	7	7	0	0	64	330	206	1,508	32,271	104,246	156	1,203
	11-Aug	3	3	0	0	288	1,800	146	1,195	45,217	157,491	289	2,638
	13-Aug ^a												
	14-Aug ^a												
	15-Aug	3	3	6	65	111	695	159	1,251	33,180	113,691	112	1,429
	16-Aug	3	3	0	0	144	875	245	1,934	43,380	152,064	109	906
	17-Aug ^a												
	18-Aug ^a												
	22-Aug ^a												
Total		17	84	120	891	7,195	39,793	3,594	25,864	603,097	2,010,761	5,582	43,694
Avg. Weight					7.43		5.53		7.20		3.33		7.83
Northwest Afognak													
Section	20-Jun ^a												
(excluding Foul Bay SHA)	22-Jun ^a												

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Afognak Section (excluding Foul Bay SHA) (cont.)	20-Jul	5	5	5	49	8,264	42,242	172	980	18,695	58,710	1,683	13,519
	21-Jul ^a												
	22-Jul	4	5	1	5	8,936	43,087	54	532	20,628	66,331	2,749	21,544
	23-Jul	4	4	0	0	2,833	16,410	31	220	10,023	32,770	977	7,613
	24-Jul	4	4	11	69	932	4,841	48	239	5,699	17,844	631	4,667
	26-Jul ^a												
	27-Jul ^a												
	28-Jul ^a												
	29-Jul ^a												
	30-Jul ^a												
	31-Jul ^a												
	1-Aug ^a												
	2-Aug	3	3	4	31	241	1,437	89	630	20,428	84,275	362	2,815
	3-Aug ^a												
	4-Aug ^a												
	6-Aug ^a												
	7-Aug	3	3	0	0	51	218	90	770	26,993	83,445	121	1,093
	8-Aug	3	3	3	34	71	392	262	1,749	35,935	114,323	277	2,153
	9-Aug	4	4	0	0	69	320	303	1,736	13,898	47,729	219	1,637
	10-Aug ^a												
	18-Aug ^a												
	19-Aug ^a												
Total		18	54	36	349	26,329	136,460	1,681	11,544	252,588	843,491	8,765	69,285
Avg. Weight					9.70		5.18		6.87		3.34		7.90
Foul Bay Special Harvest Area	9-Jun	8	8	5	20	10,341	53,896	0	0	3	12	8	68
	10-Jun	3	3	0	0	1,668	8,521	0	0	0	0	2	18
	11-Jun	6	6	1	19	2,820	13,852	0	0	2	7	2	22
	13-Jun	4	4	0	0	1,940	9,415	0	0	1	4	5	45
	14-Jun ^a												
	15-Jun	6	6	1	4	1,787	8,317	0	0	3	10	4	24
	17-Jun ^a												
	18-Jun ^a												

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Appendix J3.—Page 3 of 4.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Foul Bay Special Harvest Area (cont.)	19-Jun ^a												
	20-Jun ^a												
	23-Jun ^a												
	28-Jun ^a												
	2-Jul ^a												
	6-Jul ^a												
Total		6	38	9	69	24,591	122,297	0	0	227	927	23	196
Avg. Weight					7.67		4.97		0.00		4.08		8.52
Pauls Bay Section	14-Jun	7	7	1	6	6,942	31,977	0	0	2	6	205	1,306
	15-Jun ^a												
	20-Jun	4	4	0	0	647	2,922	0	0	0	0	125	741
	21-Jun	3	3	3	11	607	2,978	0	0	20	62	166	1,184
	23-Jun ^a												
	31-Jul ^a												
	2-Aug ^a												
	3-Aug ^a												
	4-Aug	3	3	5	25	100	492	231	1,437	9,681	36,236	82	662
	5-Aug	3	5	2	20	341	1,986	394	2,904	35,559	113,683	114	1,198
	7-Aug	4	5	1	4	243	1,431	448	3,097	37,460	116,287	174	1,573
	8-Aug	3	3	2	21	90	568	272	2,375	18,995	77,783	69	712
	9-Aug	4	4	5	71	99	670	512	3,822	23,555	92,423	318	2,475
	11-Aug	3	3	0	0	42	282	152	1,062	12,208	47,312	152	1,167
	12-Aug	3	3	2	22	82	584	350	2,459	19,675	78,705	156	1,255
	13-Aug ^a												
Total		21	51	32	237	10,970	53,085	2,994	21,804	216,287	770,773	1,927	15,725
Avg. Weight					7.41		4.84		7.28		3.56		8.16
Perenosa Bay Section (Excluding Waterfall Bay SHA)	14-Jun ^a												
	17-Jun ^a												
	3-Aug ^a												
	5-Aug ^a												
	10-Aug ^a												

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Perenos Bay Section	11-Aug ^a												
(Excluding Waterfall	12-Aug ^a												
Bay SHA)(cont.)	13-Aug ^a												
	25-Aug ^a												
	26-Aug ^a												
	28-Aug ^a												
Total		8	12	2	40	609	2,928	435	2,726	57,707	195,933	205	1,339
Avg. Weight					20.00		4.81		6.27		3.40		6.53
Waterfall Bay Special	9-Jun	7	7	0	0	5,799	31,237	0	0	0	0	0	0
Harvest Area	10-Jun	5	5	0	0	1,102	5,764	0	0	0	0	0	0
	11-Jun ^a												
	12-Jun	5	5	0	0	1,698	7,771	0	0	0	0	1	8
	14-Jun ^a												
	17-Jun ^a												
	19-Jun ^a												
	20-Jun ^a												
	22-Jun ^a												
	25-Jun ^a												
	30-Jun ^a												
	2-Jul ^a												
Total		9	31	0	0	15,729	78,227	0	0	0	0	18	114
Avg. Weight					0.00		4.97		0.00		0.00		6.33
Shuyak Island Section													
Total		0	0	0	0	0	0	0	0	0	0	0	0
Avg. Weight													
North Afognak/ Shuyak Mangement Plan Units													
Total		39	270	199	1,586	85,423	432,790	8,704	61,938	1,129,906	3,821,885	16,520	130,353
Avg. Weight					7.97		5.07		7.12		3.38		7.89

^a Confidential.

APPENDIX K. MAINLAND DISTRICT FISHERY SUMMARY

INTRODUCTION

The Mainland District in the Kodiak Management Area (KMA; Appendix K2) is covered under three separate regulatory management plans, two of which are strictly allocative plans allowing the harvest of sockeye salmon considered to be nonlocal. The *Cape Igvak Salmon Management Plan* (CISMP; 5 AAC 18.360) covers the southernmost sections of the Mainland District from June 5 to July 25 and limits the harvest of sockeye salmon considered by regulation to be Chignik-bound. The *North Shelikof Strait Sockeye Salmon Management Plan* (NSSSSMP; 5 AAC 18.363) covers the northernmost sections of the Mainland District from July 6 to 25 and limits the harvest of sockeye salmon due to concern for interception of Cook Inlet-bound fish. The *Mainland District Salmon Management Plan* (MDSMP), while recognizing these other plans, sets forth the key species and targeted stocks that are managed for in each section throughout the entire fishing season (5 AAC 18.369).

MDSMP stipulates that commercial salmon fisheries in the majority of the Mainland District remain closed until July 6, when the general pink salmon fishery begins for most of the Kodiak Management Area. The exceptions are the Cape Igvak Section (managed based on the strength of the Chignik sockeye salmon run through July 25) and two 33-hour fisheries in June targeting local sockeye salmon runs (Swikshak River sockeye salmon in the Big River Section, and Kafia Lake sockeye salmon in the Outer Kukak Section; Appendix K2). From July 6 through 25, weekly fishing periods could not exceed 57 hours and fishing opportunities are based on the abundance of local and mixed stocks of pink and chum salmon, except in the Wide Bay Section, which remains closed. From July 25 to the end of the season, fishing periods are based on the abundance of local pink, chum, and coho salmon.

2012 Mainland District Fisheries

On June 14 and June 21, there were two 33-hour fishing periods in the Big River and Outer Kukak Bay sections to allow harvest of Kafia and Swikshak systems sockeye salmon. During the pink salmon season through July 25, the entire Mainland District (with the exception of the Wide Bay and Cape Igvak sections, which remained closed) was opened for three 57-hour fishing periods between July 6 and July 22 (with some sections under NSSSSMP).

Pink and chum salmon runs were weak throughout most of the Mainland District, except for pink and chum salmon returning to the Big River, Hallo Bay, Outer Kukak Bay, and Dakavak Bay sections. The Big River and Hallo Bay sections received the most fishing opportunity during August with four openings on August 5, 14, 25, and 31. The Outer Kukak Section had two fishing periods on August 5 and 14. The Dakavak Bay Section had two fishing periods on August 17 and 25. The estimated pink salmon escapement of 413,325 fish was within the escapement goal range of 250,000 to 750,000 fish (Nemeth et al. 2010).

During September, fishing in the Mainland District was only allowed in the Big River and Hallo Bay sections. The final 57-hour fishing period in the Big River and Hallo Bay sections occurred on September 7. There was no effort or harvest during these openings (Appendix K3).

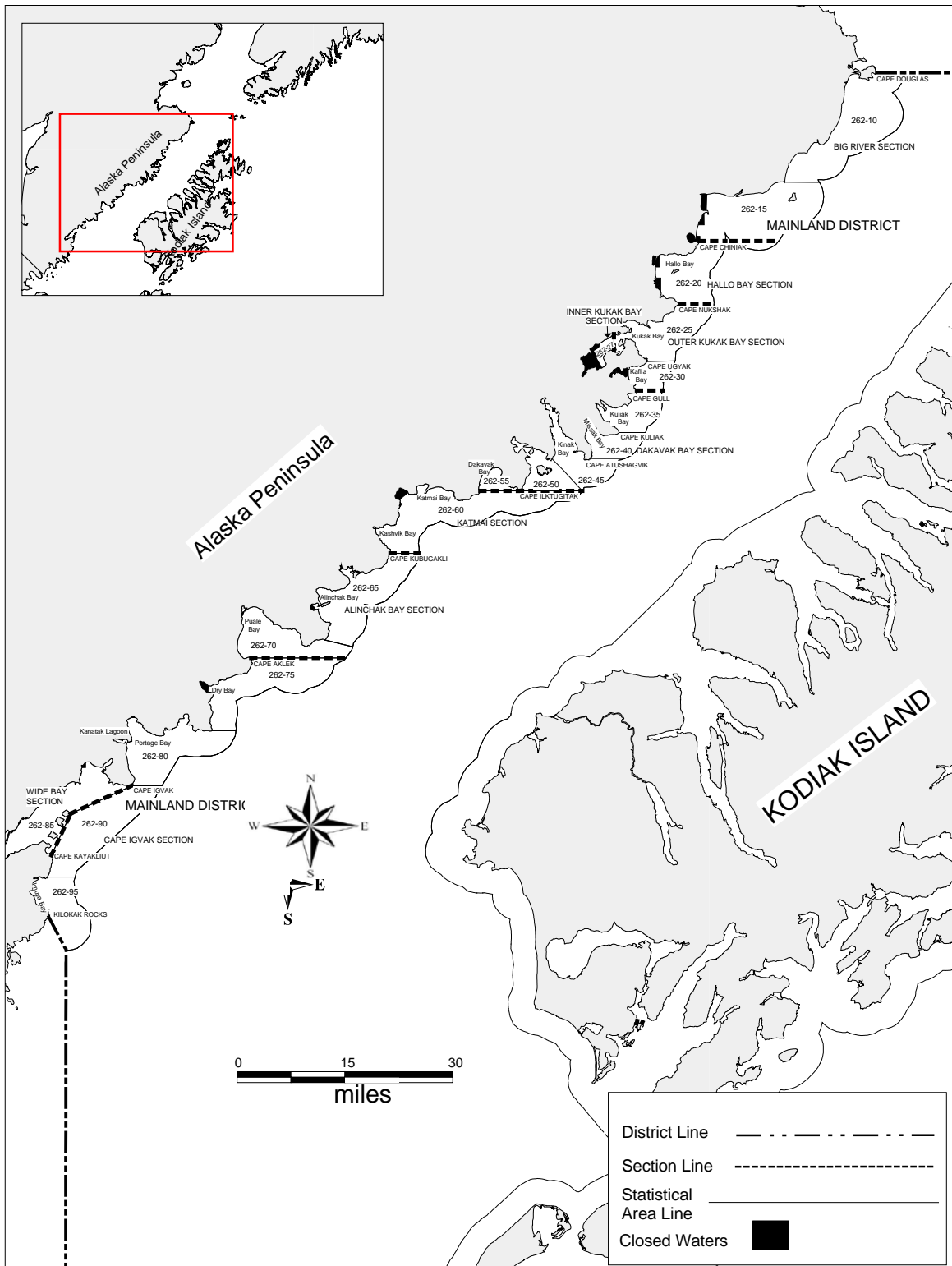
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During 2012, the total commercial harvest by 67 permit holders in the Mainland District included 2,683 Chinook, 397,895 sockeye, 1,621 coho, 97,687 pink, and 71,492 chum salmon (Appendix K3). This includes all salmon harvested along the Mainland, including those harvested under the direction of CISMP and NSSSSMP.

REFERENCES CITED

Nemeth, M. J., M. J. Witteveen, M. B. Foster, H. Finkle, J. W. Erickson, J. S. Schmidt, S. J. Fleischman, and D. Tracy. 2010. Review of escapement goals in 2010 for salmon stocks in the Kodiak Management Area, Alaska. Alaska Department of Fish and Game, Fishery Manuscript No. 10-09, Anchorage.

Appendix K2.—Map of the Mainland District commercial salmon fishing sections and statistical areas.



Appendix K3.—Daily commercial salmon harvest, by species, for the Mainland District Management Plan units, 2012.

Management Unit				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Big River Section													
Total			0	0	0	0	0	0	0	0	0	0	0
Hallo Bay Section	27-Jul ^a												
	5-Aug ^a												
	6-Aug ^a												
Total		^a											
Outer Kukak Bay Section	20-Jul ^a	1	1	2	11	143	671	4	20	815	2,444	246	1,915
	10-Aug	3	3	1	15	8	43	4	25	3,298	11,295	3,661	35,667
	11-Aug ^a	1	1	0	0	1	4	0	0	125	399	516	4,950
Total		4	5	3	26	152	718	8	45	4,238	14,138	4,423	42,532
Avg. Weight					8.67		4.72		5.63		3.34		9.62
Inner Kukak Bay Section													
	6-Aug ^a												
Total		^a											
Avg. Weight													
Dakavak Bay Section	7-Jul	3	3	4	24	3,211	19,381	0	0	440	1,661	643	5,885
	9-Jul ^a	2	2	2	9	1,045	7,763	0	0	210	725	356	3,595
	13-Jul	6	6	41	199	4,203	20,415	14	102	2,457	7,618	2,592	23,261
	14-Jul	3	3	4	40	640	3,762	14	86	482	1,672	241	1,712
	15-Jul ^a	2	2	24	118	595	2,968	2	7	933	2,798	575	4,280
	20-Jul ^a	1	1	0	0	2,334	15,169	135	1,217	3,277	12,450	1,352	11,496
	21-Jul	4	4	9	59	3,631	21,658	87	606	4,023	18,907	3,012	20,627
	22-Jul ^a	2	2	0	0	1,099	5,495	12	88	2,337	7,245	281	2,475
	23-Jul ^a	1	1	34	186	629	2,855	66	372	2,444	9,337	679	5,883
	17-Aug	5	5	0	0	21	82	27	166	10,103	34,735	2,868	21,780
	18-Aug ^a	2	2	0	0	0	0	0	0	15,972	54,307	766	6,141
Total		23	31	118	635	17,408	99,548	357	2,644	42,678	151,455	13,365	107,135
Avg. Weight					5.38		5.72		7.41		3.55		8.02

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Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Katmai													
Section	9-Jul ^a												
Total	^a												
Alinchak	23-Jun ^a	1	1	0	0	4,011	24,063	0	0	143	400	248	1,857
Bay Section	6-Jul	4	4	64	395	4,227	28,542	0	0	353	1,142	319	3,000
	8-Jul	3	3	49	295	2,159	12,957	9	51	497	1,498	493	4,123
	9-Jul ^a	1	1	0	0	117	703	0	0	25	86	62	407
	14-Jul ^a	2	2	0	0	1,472	8,956	14	69	244	710	361	2,529
	16-Jul ^a	1	1	5	22	0	0	1	5	164	656	102	610
	20-Jul ^a	1	1	51	449	2,846	20,208	125	927	1,526	6,785	1,052	8,839
	21-Jul ^a	2	2	12	169	2,947	17,679	22	144	2,327	11,637	1,577	11,047
	22-Jul ^a	1	1	0	0	167	998	5	28	1,065	4,791	196	1,278
	23-Jul ^a	1	1	6	63	69	342	0	0	904	2,801	137	1,201
Total		8	17	187	1,393	18,015	114,448	176	1,224	7,248	30,506	4,547	34,891
Avg. Weight					7.45		6.35		6.95		4.21		7.67
Cape Igvak	9-Jun	32	32	87	1,025	17,798	112,431	0	0	153	457	3,525	28,140
Section	10-Jun	28	28	51	658	9,902	62,339	0	0	407	2,652	1,402	11,491
	20-Jun	41	41	90	931	84,544	495,225	0	0	2,876	7,507	4,879	37,081
	21-Jun	30	31	71	695	48,110	282,339	0	0	2,106	5,261	4,038	31,594
	22-Jun	28	31	164	1,082	42,273	233,799	0	0	1,606	4,465	3,758	29,689
	23-Jun	26	26	96	850	28,734	155,859	0	0	1,547	3,369	2,302	17,318
	24-Jun	23	23	74	715	25,301	142,516	1	7	1,344	3,939	2,436	19,255
	25-Jun	21	21	76	716	13,197	82,694	0	0	668	2,010	1,152	9,535
	14-Jul	8	8	139	1,066	18,647	115,962	59	360	2,421	7,327	2,663	21,059
	15-Jul	15	15	240	1,376	17,370	104,895	24	163	1,627	5,102	2,652	19,501
	16-Jul	11	11	373	3,261	12,552	81,938	184	1,295	1,415	4,800	2,584	21,874
	17-Jul	4	4	14	154	4,706	22,132	12	81	1,242	3,730	1,076	7,275
	20-Jul	12	12	327	3,065	19,342	111,736	162	1,126	5,063	17,014	5,552	44,469

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Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Cape Igvak	21-Jul	11	11	225	1,845	7,501	48,548	284	1,596	3,473	10,927	3,296	28,157
Section (cont.)	22-Jul	14	14	334	2,275	9,372	57,679	277	1,522	7,815	24,880	5,430	44,408
	23-Jul ^a												
Total		60	309	2,375	19,758	360,994	2,119,963	1,057	6,417	34,915	106,896	47,044	373,389
Avg. Weight					8.32		5.87		6.07		3.06		7.94
Wide Bay Section													
Total		0	0	0	0	0	0	0	0	0	0	0	0
Mainland District Total													
Total		67	367	2,683	21,812	397,895	2,341,259	1,621	10,445	97,687	331,247	71,492	577,141
Avg. Weight					8.13		5.88		6.44		3.39		8.07

^a Confidential.

APPENDIX L. AREAWIDE HARVEST TABLES

Appendix L1.–Commercial salmon harvest, by management unit and statistical week, all gear combined, in the Kodiak Management Area, 2012.

Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
S.W. Afognak & Raspberry Straits (combined) (251-10, 11, 12, 20)	25	23-Jun	41	260	6.3	1,623	8,718	5.4	0	0	0.0	409	1,853	4.5	227	1,789	7.9
	26	30-Jun	10	88	8.8	3,739	20,516	5.5	0	0	0.0	2,144	6,062	2.8	598	4,478	7.5
	27	7-Jul	0	0	0.0	349	1,749	5.0	0	0	0.0	406	1,220	3.0	45	320	7.1
	28	14-Jul	9	68	7.6	905	5,340	5.9	6	30	5.0	488	2,034	4.2	285	1,963	6.9
	29	21-Jul	165	1,276	7.7	11,806	59,876	5.1	317	2,030	6.4	57,131	176,927	3.1	4,123	34,098	8.3
	30	28-Jul	285	2,209	7.8	23,095	125,528	5.4	1,184	7,806	6.6	158,144	500,385	3.2	11,862	98,094	8.3
	31	4-Aug	261	1,950	7.5	6,007	31,115	5.2	2,092	14,088	6.7	261,735	886,556	3.4	5,317	45,426	8.5
	32	11-Aug	15	174	11.6	696	3,837	5.5	873	6,032	6.9	155,497	577,394	3.7	2,326	20,558	8.8
	33	18-Aug	23	218	9.5	1,859	9,566	5.1	2,532	19,225	7.6	143,763	487,666	3.4	2,049	18,930	9.2
	34	25-Aug	21	222	10.6	827	4,722	5.7	2,147	15,789	7.4	63,790	225,796	3.5	1,097	9,464	8.6
	Total		830	6,465	7.8	50,906	270,967	5.3	9,151	65,000	7.1	843,507	2,865,893	3.4	27,929	235,120	8.4
N.W. Afognak (251-30, 40, 41, 50)	23	9-Jun	5	20	4.0	10,341	53,896	5.2	0	0	0.0	3	12	4.0	8	68	8.5
	24	16-Jun	2	23	11.5	8,472	41,370	4.9	0	0	0.0	6	21	3.5	13	109	8.4
	25	23-Jun	5	35	7.0	4,519	20,514	4.5	0	0	0.0	11	37	3.4	160	916	5.7
	26	30-Jun	0	0	0.0	713	3,924	5.5	0	0	0.0	16	48	3.0	2	19	9.5
	27	7-Jul	1	9	9.0	1,610	7,357	4.6	0	0	0.0	199	834	4.2	0	0	0.0
	29	21-Jul	9	103	11.4	10,804	58,269	5.4	224	1,293	5.8	24,277	79,722	3.3	2,321	19,447	8.4
	30	28-Jul	13	86	6.6	13,356	67,683	5.1	174	1,314	7.6	59,221	187,876	3.2	4,670	36,313	7.8
	31	4-Aug	5	70	14.0	734	3,902	5.3	160	1,122	7.0	69,678	257,286	3.7	793	6,097	7.7
	32	11-Aug	4	57	14.3	256	1,242	4.9	697	4,581	6.6	86,931	277,605	3.2	666	5,278	7.9
	33	18-Aug	0	0	0.0	90	450	5.0	294	2,312	7.9	7,107	24,878	3.5	132	1,047	7.9
	34	25-Aug	1	15	15.0	25	150	6.0	132	922	7.0	5,366	16,099	3.0	23	187	8.1
	Total		45	418	9.3	50,920	258,757	5.1	1,681	11,544	6.9	252,815	844,418	3.3	8,788	69,481	7.9
Perenosia (251-82, 83, 84, 85)	23	9-Jun	0	0	0.0	5,799	31,237	5.4	0	0	0.0	0	0	0.0	0	0	0.0
	24	16-Jun	1	6	6.0	14,468	67,489	4.7	0	0	0.0	2	6	3.0	218	1,387	6.4
	25	23-Jun	3	11	3.7	4,317	20,071	4.6	0	0	0.0	20	62	3.1	344	2,297	6.7
	26	30-Jun	0	0	0.0	748	4,369	5.8	0	0	0.0	0	0	0.0	0	0	0.0
	27	7-Jul	0	0	0.0	115	461	4.0	0	0	0.0	0	0	0.0	0	0	0.0
	31	4-Aug	16	82	5.1	779	3,948	5.1	627	4,310	6.9	64,397	226,031	3.5	436	3,706	8.5
	32	11-Aug	10	116	11.6	911	5,461	6.0	1,926	14,135	7.3	152,037	534,753	3.5	907	7,671	8.5
	33	18-Aug	4	62	15.5	166	1,156	7.0	806	5,571	6.9	55,670	198,374	3.6	234	2,073	8.9
	34	25-Aug	0	0	0.0	5	48	9.6	43	299	7.0	1,071	4,282	4.0	11	44	4.0
	35	1-Sep	0	0	0.0	0	0	0.0	27	215	8.0	797	3,198	4.0	0	0	0.0
	Total		34	277	8.1	27,308	134,240	4.9	3,429	24,530	7.2	273,994	966,706	3.5	2,150	17,178	8.0
N.E. Afognak (251-90, 252-10, 20)	27	7-Jul	24	243	10.1	1,332	7,807	5.9	38	226	5.9	3,202	10,755	3.4	840	5,893	7.0
	28	14-Jul	12	39	3.3	1,920	10,423	5.4	14	63	4.5	1,365	5,084	3.7	510	3,931	7.7
	30	28-Jul	30	254	8.5	316	1,642	5.2	138	998	7.2	16,678	53,669	3.2	557	4,657	8.4
	31	4-Aug	33	188	5.7	1,347	7,251	5.4	698	5,090	7.3	134,476	444,299	3.3	1,178	9,458	8.0
	32	11-Aug	13	90	6.9	1,640	8,833	5.4	1,939	13,662	7.0	292,164	945,850	3.2	2,015	15,133	7.5
	33	18-Aug	8	77	9.6	637	3,818	6.0	724	5,547	7.7	154,032	546,384	3.5	449	4,392	9.8
	34	25-Aug	0	0	0.0	3	19	6.3	43	278	6.5	1,180	4,720	4.0	33	230	7.0
	Total		120	891	7.4	7,195	39,793	5.5	3,594	25,864	7.2	603,097	2,010,761	3.3	5,582	43,694	7.8

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Izhut (252-30)	24	16-Jun	154	1,850	12.0	1,225	5,786	4.7	0	0	0.0	59	188	3	6,345	49,362	7.8
	25	23-Jun	325	2,943	9.1	3,566	18,016	5.1	0	0	0.0	430	1,223	3	17,721	134,802	7.6
	26	30-Jun	156	1,293	8.3	5,512	30,208	5.5	0	0	0.0	923	3,033	3	34,079	266,852	7.8
	27	7-Jul	182	1,534	8.4	9,467	55,201	5.8	3	18	6.0	2,633	8,517	3	20,075	155,806	7.8
	30	28-Jul	38	228	6.0	483	2,666	5.5	46	309	6.7	2,225	7,319	3	322	2,845	8.8
	31	4-Aug	0	0	0.0	89	500	5.6	21	162	7.7	5,201	18,727	4	16	115	7.2
	32	11-Aug	6	75	12.5	681	3,874	5.7	2,271	16,202	7.1	180,610	627,946	3	401	3,499	8.7
	33	18-Aug	10	91	9.1	858	4,535	5.3	8,188	57,348	7.0	342,768	1,237,297	4	649	5,208	8.0
	34	25-Aug	0	0	0.0	123	633	5.1	3,584	26,067	7.3	33,062	114,024	3	24	180	7.5
	35	1-Sep	1	9	9.0	31	155	5.0	2,416	17,340	7.2	5,080	17,695	3	21	183	8.7
	36	8-Sep	0	0	0.0	148	758	5.1	251	1,670	6.7	228	916	4	16	171	10.7
	Total		872	8,023	9.2	22,183	122,332	5.5	16,780	119,116	7.1	573,219	2,036,885	3.6	79,669	619,023	7.8
Kitoi Bay (252-32)	23	9-Jun	1	12	12.0	46	234	5.1	0	0	0.0	1	2	2.0	1,728	15,067	8.7
	24	16-Jun	27	152	5.6	799	3,877	4.9	0	0	0.0	17	52	3.1	11,553	90,372	7.8
	25	23-Jun	258	1,290	5.0	3,267	16,173	5.0	0	0	0.0	224	662	3.0	20,361	164,956	8.1
	26	30-Jun	34	258	7.6	3,071	14,697	4.8	1	4	4.0	165	524	3.2	19,298	147,142	7.6
	27	7-Jul	9	76	8.4	472	2,722	5.8	3	18	6.0	56	179	3.2	3,059	21,312	7.0
	31	4-Aug	0	0	0.0	1,221	6,276	5.1	0	0	0.0	163,676	545,123	3.3	80	376	4.7
	32	11-Aug	0	0	0.0	3,738	19,126	5.1	3,503	19,861	5.7	854,928	2,996,055	3.5	2,064	9,312	4.5
	33	18-Aug	8	58	7.3	1,190	6,487	5.5	4,077	27,600	6.8	634,938	2,168,269	3.4	577	5,329	9.2
	34	25-Aug	0	0	0.0	4	18	4.5	317	2,034	6.4	2,458	8,606	3.5	4	59	14.8
	35	1-Sep	0	0	0.0	2	11	5.5	1,856	15,108	8.1	2,158	7,152	3.3	1	7	7.0
	Total		337	1,846	5.5	13,810	69,621	5.0	9,757	64,625	6.6	1,658,621	5,726,624	3.5	58,725	453,932	7.7
Duck Bay (252-31, 35)	23	9-Jun	0	0	0.0	56	280	5.0	0	0	0.0	0	0	0.0	3	30	10.0
	24	16-Jun	145	1,332	9.2	4,472	22,357	5.0	2	16	8.0	359	1,154	3.2	3,589	26,984	7.5
	25	23-Jun	83	586	7.1	2,697	14,876	5.5	0	0	0.0	267	779	2.9	11,151	83,138	7.5
	26	30-Jun	437	2,452	5.6	8,949	46,585	5.2	3	12	4.0	1,876	5,753	3.1	21,482	153,104	7.1
	27	7-Jul	413	2,032	4.9	38,503	209,428	5.4	321	1,662	5.2	23,399	70,371	3.0	27,310	210,322	7.7
	28	14-Jul	111	630	5.7	8,418	47,938	5.7	395	2,380	6.0	12,307	39,910	3.2	4,248	30,836	7.3
	29	21-Jul	84	416	5.0	5,042	25,898	5.1	782	4,984	6.4	14,980	53,245	3.6	1,388	9,672	7.0
	30	28-Jul	166	979	5.9	5,341	32,153	6.0	1,521	10,036	6.6	68,862	246,697	3.6	3,931	28,569	7.3
	31	4-Aug	22	155	7.0	921	4,792	5.2	1,130	7,520	6.7	98,554	334,186	3.4	507	3,897	7.7
	32	11-Aug	0	0	0.0	26	136	5.2	70	591	8.4	8,207	25,002	3.0	3	27	9.0
	33	18-Aug	1	12	12.0	1,203	7,174	6.0	9,127	64,911	7.1	412,062	1,448,865	3.5	5,391	22,476	4.2
	34	25-Aug	3	37	12.3	283	1,462	5.2	7,373	49,640	6.7	93,288	322,012	3.5	1,335	5,690	4.3
	35	1-Sep	0	0	0.0	29	145	5.0	1,092	8,581	7.9	2,069	7,321	3.5	8	91	11.4
	Total		1,465	8,631	5.9	75,940	413,224	5.4	21,816	150,333	6.9	736,230	2,555,295	3.5	80,346	574,836	7.2

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
S.E.Afognak (252-33, 34)	23	9-Jun	0	0	0.0	434	2,604	6.0	0	0	0.0	0	0	0.0	0	0	0.0
	24	16-Jun	3	34	11.3	2,662	13,003	4.9	0	0	0.0	9	29	3.2	382	2,763	7.2
	25	23-Jun	2	7	3.5	215	1,208	5.6	0	0	0.0	1	4	4.0	213	1,495	7.0
	26	30-Jun	3	18	6.0	980	4,322	4.4	0	0	0.0	245	515	2.1	241	1,693	7.0
	28	14-Jul	39	115	2.9	575	3,705	6.4	11	74	6.7	1,402	4,952	3.5	189	1,470	7.8
	29	21-Jul	0	0	0.0	409	2,451	6.0	0	0	0.0	374	1,123	3.0	51	359	7.0
	31	4-Aug	0	0	0.0	79	367	4.6	85	489	5.8	10,250	34,377	3.4	88	694	7.9
	32	11-Aug	2	16	8.0	895	4,710	5.3	1,098	7,537	6.9	419,867	1,502,595	3.6	420	3,103	7.4
	33	18-Aug	5	55	11.0	685	3,423	5.0	2,347	17,687	7.5	211,369	731,965	3.5	275	2,533	9.2
	34	25-Aug	1	13	13.0	251	1,323	5.3	2,581	17,567	6.8	38,847	133,170	3.4	26	212	8.2
Total			55	258	4.7	7,185	37,116	5.2	6,122	43,354	7.1	682,364	2,408,730	3.5	1,885	14,322	7.6
Central, Terror Bay, Inner Uganik, Spiridon, Zachar, & Uyak combined (253-11, 12, 13, 14, 31 32, 33, 34, 35, 254-10, 20, 21, 30, 31, 40, 41, 50)	23	9-Jun	7	111	15.9	8,759	49,251	5.6	0	0	0.0	28	107	3.8	98	681	6.9
	24	16-Jun	79	632	8.0	17,989	96,854	5.4	0	0	0.0	422	1,612	3.8	1,517	10,720	7.1
	25	23-Jun	174	1,508	8.7	51,215	288,110	5.6	1	7	7.0	2,560	10,003	3.9	5,166	38,717	7.5
	26	30-Jun	109	986	9.0	66,538	362,771	5.5	3	14	4.7	7,326	26,547	3.6	11,798	94,266	8.0
	27	7-Jul	95	1,000	10.5	81,715	482,704	5.9	48	261	5.4	25,863	101,657	3.9	27,394	239,756	8.8
	28	14-Jul	62	555	9.0	52,523	270,557	5.2	110	612	5.6	57,786	220,140	3.8	24,083	213,996	8.9
	29	21-Jul	144	1,250	8.7	59,362	339,373	5.7	246	1,548	6.3	303,991	1,118,906	3.7	43,218	370,769	8.6
	30	28-Jul	548	4,366	8.0	54,610	304,572	5.6	12,780	61,674	4.8	1,004,594	3,808,021	3.8	58,269	455,158	7.8
	31	4-Aug	534	4,268	8.0	33,217	179,553	5.4	6,602	42,050	6.4	1,873,594	6,871,859	3.7	42,428	346,556	8.2
	32	11-Aug	400	2,829	7.1	19,122	103,455	5.4	9,997	69,447	6.9	1,682,173	6,173,159	3.7	18,988	151,878	8.0
	33	18-Aug	183	1,944	10.6	21,667	119,594	5.5	13,038	95,715	7.3	692,310	2,583,383	3.7	9,605	69,602	7.2
	34	25-Aug	229	2,204	9.6	39,771	219,393	5.5	20,234	147,846	7.3	621,052	2,305,694	3.7	9,528	69,442	7.3
	35	1-Sep	248	1,662	6.7	49,452	265,078	5.4	16,615	128,812	7.8	196,958	710,136	3.6	2,819	22,121	7.8
	36	8-Sep	104	930	8.9	39,647	224,251	5.7	7,929	62,321	7.9	96,682	343,831	3.6	1,000	7,735	7.7
	37	15-Sep	7	63	9.0	3,998	23,994	6.0	1,265	9,422	7.4	1,419	5,585	3.9	96	705	7.3
Total			2,923	24,308	8.3	599,585	3,329,510	5.6	88,868	619,729	7.0	6,566,758	24,280,640	3.7	256,007	2,092,102	8.2
North Cape, Anton Larsen, Sheratin, & Kizhuyak combined (259-30, 31, 32, 33, 34, 35, 36, 37, 38, 39)	23	9-Jun	0	0	0.0	604	3,329	5.5	0	0	0.0	0	0	0.0	1	7	7.0
	24	16-Jun	22	312	14.2	14,099	79,162	5.6	0	0	0.0	559	1,845	3.3	1,950	14,118	7.2
	25	23-Jun	13	140	10.8	7,279	37,361	5.1	0	0	0.0	452	1,826	4.0	314	2,178	6.9
	26	30-Jun	42	399	9.5	7,323	38,127	5.2	1	7	7.0	1,470	5,547	3.8	705	5,808	8.2
	27	7-Jul	4	52	13.0	7,819	41,303	5.3	32	189	5.9	4,978	18,727	3.8	991	7,832	7.9
	28	14-Jul	130	776	6.0	13,507	78,733	5.8	795	5,040	6.3	28,854	104,210	3.6	4,312	32,640	7.6
	29	21-Jul	107	545	5.1	9,005	52,136	5.8	1,097	6,674	6.1	42,812	152,152	3.6	4,519	33,662	7.4
	30	28-Jul	45	315	7.0	4,624	26,915	5.8	1,080	6,902	6.4	61,288	222,953	3.6	4,337	33,411	7.7
	31	4-Aug	12	197	16.4	2,155	12,216	5.7	1,535	9,524	6.2	126,904	483,626	3.8	4,566	35,909	7.9
	32	11-Aug	32	280	8.8	2,894	15,721	5.4	2,973	20,562	6.9	247,234	911,844	3.7	4,442	36,691	8.3
	33	18-Aug	21	279	13.3	1,903	10,353	5.4	2,962	19,756	6.7	103,604	395,588	3.8	3,164	26,070	8.2
	34	25-Aug	1	22	22.0	300	1,657	5.5	846	5,877	6.9	9,947	37,378	3.8	591	4,701	8.0
	35	1-Sep	0	0	0.0	0	0	0.0	297	1,777	6.0	26	77	3.0	0	0	0.0
Total			429	3,317	7.7	71,512	397,013	5.6	11,618	76,308	6.6	628,128	2,335,773	3.7	29,892	233,027	7.8

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Inner Karluk (255-10)	30	28-Jul	0	0	0.0	469	2,203	4.7	20	110	5.5	7,973	23,916	3.0	54	315	5.8
	31	4-Aug	19	177	9.3	2,871	14,145	4.9	101	607	6.0	78,412	235,229	3.0	516	3,755	7.3
	35	1-Sep	9	84	9.3	31,014	171,008	5.5	3,298	26,686	8.1	18,654	68,638	3.7	951	7,759	8.2
	36	8-Sep	2	50	25.0	5,116	27,663	5.4	352	2,713	7.7	1,195	4,346	3.6	136	1,090	8.0
	Total		30	311	10.4	39,470	215,019	5.4	3,771	30,116	8.0	106,234	332,129	3.1	1,657	12,919	7.8
Outer Karluk (255-20)	25	23-Jun	126	663	5.3	18,700	84,649	4.5	0	0	0.0	204	646	3.2	669	5,370	8.0
	26	30-Jun	39	185	4.7	7,518	37,032	4.9	0	0	0.0	269	929	3.5	371	2,790	7.5
	27	7-Jul	1	2	2.0	3,587	17,571	4.9	0	0	0.0	516	1,870	3.6	234	1,778	7.6
	28	14-Jul	4	45	11.3	1,970	11,680	5.9	4	23	5.8	1,772	7,484	4.2	395	3,540	9.0
	29	21-Jul	1	7	7.0	3,684	18,426	5.0	9	52	5.8	4,970	16,908	3.4	1,637	14,738	9.0
	30	28-Jul	33	309	9.4	663	3,638	5.5	27	232	8.6	21,892	80,537	3.7	190	1,547	8.1
	31	4-Aug	684	4,083	6.0	15,115	86,650	5.7	1,067	7,496	7.0	434,068	1,616,119	3.7	4,666	38,672	8.3
	32	11-Aug	40	270	6.8	2,087	11,252	5.4	618	3,776	6.1	57,163	207,142	3.6	524	3,913	7.5
	34	25-Aug	3	35	11.7	3,657	19,470	5.3	1,107	7,264	6.6	11,344	43,456	3.8	128	1,038	8.1
	35	1-Sep	3	28	9.3	8,325	47,596	5.7	1,704	14,205	8.3	13,450	54,010	4.0	341	3,035	8.9
	36	8-Sep	14	161	11.5	11,207	57,827	5.2	1,471	12,016	8.2	3,485	12,381	3.6	174	1,458	8.4
	37	15-Sep	8	87	10.9	9,167	53,622	5.8	868	6,274	7.2	855	3,275	3.8	96	807	8.4
	38	22-Sep				8,364	45,358	5.4	654	5,217	8.0	209	857	4.1	3	22	7.3
	Total		956	5,875	6.1	94,044	494,771	5.3	7,529	56,555	7.5	550,197	2,045,614	3.7	9,428	78,708	8.3
Halibut Bay (256-25, 30)	25	23-Jun	13	133	10.2	17,033	92,091	5.4	0	0	0.0	408	921	2.3	531	4,245	8.0
	26	30-Jun	2	28	14.0	16,512	86,414	5.2	0	0	0.0	198	700	3.5	431	3,345	7.8
	28	14-Jul	4	57	14.3	4,703	25,282	5.4	657	2,301	3.5	919	3,096	3.4	195	1,604	8.2
	29	21-Jul	3	43	14.3	1,207	6,308	5.2	0	0	0.0	817	2,772	3.4	29	234	8.1
	30	28-Jul	33	281	8.5	2,293	13,587	5.9	114	779	6.8	52,963	250,049	4.7	953	6,706	7.0
	31	4-Aug	41	435	10.6	12,393	71,529	5.8	250	1,839	7.4	138,968	501,672	3.6	1,654	13,318	8.1
	33	18-Aug	11	80	7.3	4,785	26,681	5.6	475	3,275	6.9	14,792	58,777	4.0	246	1,851	7.5
	34	25-Aug	4	41	10.3	4,965	25,375	5.1	930	6,611	7.1	19,553	69,037	3.5	470	3,710	7.9
	35	1-Sep	44	347	7.9	5,250	29,137	5.5	954	6,438	6.7	9,458	30,486	3.2	432	3,742	8.7
	Total		155	1,445	9.3	69,141	376,404	5.4	3,380	21,243	6.3	238,076	917,510	3.9	4,941	38,755	7.8
Inner & Outer Ayakulik (256-10, 15, 20)	25	23-Jun	58	752	13.0	10,099	53,195	5.3	0	0	0.0	57	200	3.5	176	1,204	6.8
	26	30-Jun	2	7	3.5	6,273	35,165	5.6	0	0	0.0	70	217	3.1	169	1,365	8.1
	28	14-Jul	40	377	9.4	45,002	229,889	5.1	86	578	6.7	7,012	22,712	3.2	1,265	10,283	8.1
	29	21-Jul	17	104	6.1	30,741	155,715	5.1	57	332	5.8	7,005	21,729	3.1	966	7,556	7.8
	30	28-Jul	2	26	13.0	418	2,244	5.4	22	171	7.8	5,366	21,056	3.9	56	367	6.6
	31	4-Aug	7	70	10.0	26,265	144,603	5.5	31	204	6.6	63,675	231,150	3.6	293	2,329	7.9
	34	25-Aug	11	127	11.5	24,936	134,054	5.4	1,297	9,789	7.5	146,496	520,167	3.6	1,612	13,111	8.1
	35	1-Sep	4	28	7.0	8,674	44,437	5.1	587	4,141	7.1	19,285	74,125	3.8	691	4,022	5.8
	36	8-Sep	24	171	7.1	10,266	52,485	5.1	834	6,488	7.8	16,969	60,466	3.6	397	3,295	8.3
	Total		165	1,662	10.1	162,674	851,787	5.2	2,914	21,703	7.4	265,935	951,822	3.6	5,625	43,532	7.7
Sturgeon (256-40)	30	28-Jul	227	1,256	5.5	5,554	30,034	5.4	78	528	6.8	224,023	794,519	3.5	1,090	8,694	8.0
	31	4-Aug	73	585	8.0	5,936	33,376	5.6	233	1,576	6.8	185,686	646,168	3.5	1,175	9,766	8.3
	32	11-Aug	72	293	4.1	761	3,831	5.0	11	47	4.3	14,249	57,021	4.0	85	516	6.1
	Total		372	2,134	5.7	12,251	67,241	5.5	322	2,151	6.7	423,958	1,497,708	3.5	2,350	18,976	8.1

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Cape Alitak (257-10, 20)	23	9-Jun	7	82	11.7	5,744	33,176	5.8	0	0	0.0	7	26	3.7	217	1,543	7.1
	25	23-Jun	26	300	11.5	4,475	25,441	5.7	0	0	0.0	57	197	3.5	133	1,075	8.1
	26	30-Jun	26	405	15.6	11,070	64,280	5.8	2	15	7.5	368	1,169	3.2	463	3,542	7.7
	27	7-Jul	31	292	9.4	25,078	158,323	6.3	3	19	6.3	4,830	14,628	3.0	2,248	18,137	8.1
	28	14-Jul	44	516	11.7	52,646	308,641	5.9	292	2,008	6.9	20,202	65,169	3.2	3,148	21,291	6.8
	29	21-Jul	34	327	9.6	23,716	118,226	5.0	80	406	5.1	39,207	122,930	3.1	3,632	25,406	7.0
	30	28-Jul	16	204	12.8	5,244	34,779	6.6	32	218	6.8	65,713	203,116	3.1	1,301	10,419	8.0
	31	4-Aug	2	24	12.0	5,445	29,782	5.5	25	138	5.5	71,324	267,127	3.7	620	4,548	7.3
	32	11-Aug	2	18	9.0	3,085	19,540	6.3	154	939	6.1	30,271	105,310	3.5	264	2,039	7.7
	33	18-Aug	1	13	13.0	3,715	22,985	6.2	211	1,361	6.5	40,517	132,352	3.3	658	5,232	8.0
	35	1-Sep	1	21	21.0	961	5,778	6.0	710	5,456	7.7	1,094	3,468	3.2	66	546	8.3
	Total		190	2,202	11.6	141,179	820,951	5.8	1,509	10,560	7.0	273,590	915,492	3.3	12,750	93,778	7.4
Moser, Olga & Alitak bays, Dog Salmon Flats (257-30, 31, 40, 41, 42, 43)	23	9-Jun	0	0	0.0	5,819	30,224	5.2	0	0	0.0	0	0	0.0	3	30	10.0
	24	16-Jun	0	0	0.0	6,698	36,230	5.4	0	0	0.0	0	0	0.0	3	26	8.7
	25	23-Jun	2	20	10.0	27,387	148,726	5.4	0	0	0.0	14	42	3.0	99	827	8.4
	26	30-Jun	1	26	26.0	19,867	106,697	5.4	0	0	0.0	65	232	3.6	139	1,140	8.2
	27	7-Jul	1	5	5.0	19,042	103,822	5.5	3	12	4.0	961	3,473	3.6	708	5,745	8.1
	28	14-Jul	0	0	0.0	20,816	112,687	5.4	14	91	6.5	1,487	5,508	3.7	488	4,042	8.3
	29	21-Jul	1	19	19.0	32,812	185,590	5.7	27	181	6.7	3,911	14,927	3.8	356	2,927	8.2
	30	28-Jul	0	0	0.0	13,332	74,921	5.6	10	58	5.8	8,732	33,941	3.9	260	2,174	8.4
	31	4-Aug	0	0	0.0	16,744	93,232	5.6	35	265	7.6	34,371	137,906	4.0	346	2,944	8.5
	32	11-Aug	0	0	0.0	13,283	74,785	5.6	96	699	7.3	43,293	172,625	4.0	243	2,096	8.6
	33	18-Aug	1	5	5.0	8,951	50,995	5.7	246	1,683	6.8	56,523	213,963	3.8	350	2,910	8.3
	35	1-Sep	0	0	0.0	7,675	43,164	5.6	482	3,889	8.1	1,431	5,669	4.0	121	1,027	8.5
	36	8-Sep	0	0	0.0	1,568	8,963	5.7	153	1,167	7.6	81	310	3.8	60	465	7.8
	Total		6	75	12.5	193,994	1,070,036	5.5	1,066	8,045	7.5	150,869	588,596	3.9	3,176	26,353	8.3
Humpty/Deadman (257-50, 60, 70)	26	30-Jun	3	100	33.3	401	2,455	6.1	0	0	0.0	12	69	5.8	16	153	9.6
	27	7-Jul	0	0	0.0	663	4,275	6.4	0	0	0.0	133	389	2.9	66	530	8.0
	28	14-Jul	5	50	10.0	8,394	52,996	6.3	0	0	0.0	1,775	5,344	3.0	586	4,663	8.0
	29	21-Jul	5	59	11.8	4,280	23,148	5.4	17	86	5.1	14,665	44,449	3.0	297	2,428	8.2
	30	28-Jul	12	198	16.5	5,954	38,917	6.5	31	170	5.5	188,428	594,813	3.2	1,255	10,220	8.1
	31	4-Aug	1	34	34.0	2,813	16,526	5.9	24	144	6.0	219,926	843,978	3.8	1,508	11,267	7.5
	32	11-Aug	1	17	17.0	1,493	8,927	6.0	24	146	6.1	414,226	1,497,805	3.6	2,892	23,794	8.2
	33	18-Aug	0	0	0.0	752	4,208	5.6	115	865	7.5	182,088	601,439	3.3	3,411	29,730	8.7
	34	25-Aug	1	5	5.0	1,364	8,674	6.4	258	1,803	7.0	117,845	380,069	3.2	939	7,453	7.9
	Total		28	463	16.5	26,114	160,126	6.1	469	3,214	6.9	1,139,098	3,968,355	3.5	10,970	90,238	8.2
Seven Rivers (258-70, 80, 85, 90)	24	16-Jun	5	65	13.0	2,573	14,189	5.5	0	0	0.0	74	211	2.9	1,348	10,976	8.1
	25	23-Jun	4	32	8.0	2,150	12,258	5.7	0	0	0.0	138	482	3.5	186	1,393	7.5
	27	7-Jul	42	204	4.9	6,231	40,172	6.4	44	277	6.3	2,520	8,254	3.3	2,585	18,359	7.1
	28	14-Jul	34	306	9.0	4,014	26,422	6.6	139	730	5.3	4,375	12,473	2.9	1,203	9,385	7.8
	29	21-Jul	118	727	6.2	5,780	33,323	5.8	498	2,741	5.5	12,608	39,771	3.2	1,689	11,717	6.9
	30	28-Jul	2	14	7.0	1,446	7,369	5.1	130	636	4.9	7,109	22,559	3.2	340	2,614	7.7
Total			205	1,348	6.6	22,194	133,733	6.0	811	4,384	5.4	26,824	83,750	3.1	7,351	54,444	7.4

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Two-Headed (258-54, 55, 60)	24	16-Jun	5	40	8.0	2,637	16,337	6.2	0	0	0.0	90	279	3.1	342	2,788	8.2
	27	7-Jul	106	581	5.5	3,634	24,958	6.9	56	341	6.1	1,540	4,144	2.7	1,095	8,502	7.8
	28	14-Jul	126	745	5.9	6,236	40,461	6.5	124	694	5.6	2,020	6,168	3.1	404	3,126	7.7
	29	21-Jul	121	1,313	10.9	4,292	19,000	4.4	324	1,940	6.0	6,546	19,658	3.0	1,162	7,326	6.3
	30	28-Jul	0	0	0.0	556	2,693	4.8	4	18	4.5	1,987	5,960	3.0	179	1,248	7.0
	Total		358	2,679	7.5	17,355	103,449	6.0	508	2,993	5.9	12,183	36,209	3.0	3,182	22,990	7.2
Sitkalidak (258-10, 20, 30, 40, 51, 52, 53)	24	16-Jun	47	347	7.4	33,301	163,914	4.9	0	0	0.0	1,516	3,950	2.6	12,170	87,282	7.2
	25	23-Jun	101	561	5.6	7,463	38,787	5.2	0	0	0.0	565	2,067	3.7	1,176	8,878	7.5
	27	7-Jul	1,103	6,588	6.0	27,446	149,394	5.4	387	2,383	6.2	20,042	57,535	2.9	7,468	55,666	7.5
	28	14-Jul	726	3,404	4.7	25,980	151,397	5.8	1,100	6,644	6.0	22,112	69,502	3.1	5,202	37,901	7.3
	29	21-Jul	290	1,754	6.0	16,761	97,338	5.8	754	4,524	6.0	21,132	63,291	3.0	4,390	34,103	7.8
	30	28-Jul	29	415	14.3	1,426	7,173	5.0	58	420	7.2	11,603	36,135	3.1	1,710	12,971	7.6
	32	11-Aug	6	75	12.5	315	1,513	4.8	84	638	7.6	174,792	601,085	3.4	22,684	166,998	7.4
	33	18-Aug	3	60	20.0	732	3,794	5.2	560	3,664	6.5	182,879	669,194	3.7	18,921	144,762	7.7
	34	25-Aug	8	139	17.4	218	1,341	6.2	2,419	10,902	4.5	114,681	434,501	3.8	22,678	182,098	8.0
	35	1-Sep	0	0	0.0	2	13	6.5	755	5,813	7.7	20,042	62,311	3.1	6,474	53,216	8.2
	36	8-Sep	0	0	0.0	0	0	0.0	3,260	28,599	8.8	7,170	22,065	3.1	7,818	66,798	8.5
	37	15-Sep	0	0	0.0	1	5	5.0	869	6,581	7.6	25	90	3.6	220	1,719	7.8
	Total		2,313	13,343	5.8	113,645	614,669	5.4	10,246	70,168	6.8	576,559	2,021,726	3.5	110,911	852,392	7.7
Inner & Outer Ugak (259-40, 41, 42, 43, 44, 45, 46)	25	23-Jun	34	185	5.4	127	698	5.5	0	0	0.0	14	41	2.9	1,225	8,570	7.0
	26	30-Jun	21	211	10.0	1,127	8,257	7.3	0	0	0.0	14	42	3.0	37	294	7.9
	27	7-Jul	22	157	7.1	7,328	37,763	5.2	12	58	4.8	1,613	4,525	2.8	1,126	8,126	7.2
	28	14-Jul	44	212	4.8	3,356	18,691	5.6	30	185	6.2	1,293	4,023	3.1	1,003	7,817	7.8
	29	21-Jul	70	228	3.3	3,065	17,287	5.6	4	23	5.8	1,016	3,046	3.0	1,772	13,196	7.4
	30	28-Jul	4	43	10.8	458	2,308	5.0	1	6	6.0	1,048	3,590	3.4	4,052	32,159	7.9
	32	11-Aug	7	55	7.9	140	730	5.2	17	118	6.9	18,947	60,658	3.2	26,796	211,795	7.9
	33	18-Aug	0	0	0.0	85	419	4.9	36	248	6.9	14,353	49,385	3.4	20,638	155,404	7.5
	34	25-Aug	0	0	0.0	6	35	5.8	13	109	8.4	3,604	10,822	3.0	243	1,744	7.2
	35	1-Sep	0	0	0.0	0	0	0.0	148	1,185	8.0				5	41	8.2
	Total		202	1,091	5.4	15,692	86,188	5.5	261	1,932	7.4	41,902	136,132	3.2	56,897	439,146	7.7
Outer Chiniak (259-21, 25)	29	21-Jul	3	14	4.7	35	211	5.6	9	46	6.0	234	678	3.0	35	263	7.0
	31	4-Aug	0	0	0.0	17	89	5.2	13	75	5.4	1,348	6,066	3.0	98	632	5.6
	32	11-Aug	2	10	5.0	120	655	5.2	195	517	6.2	10,292	44,561	3.8	203	1,323	8.0
	Total		5	24	4.8	172	955	5.6	217	638	2.9	11,874	51,305	4.3	336	2,218	6.6
Inner Chiniak (259-23, 24, 27)	31	4-Aug	1	27	27.0	33	189	5.7	19	105	5.5	10,531	39,287	3.7	1,665	12,395	7.4
	32	11-Aug	6	37	6.2	4	21	5.3	23	134	5.8	46,311	153,775	3.3	7,334	64,011	8.7
	33	18-Aug	0	0	0.0	0	0	0.0	0	0	0.0	4,652	14,000	3.0	594	4,465	7.5
	34	25-Aug	0	0	0.0	1	5	5.0	15	122	8.1	633	2,590	4.1	846	7,968	9.4
	36	8-Sep	0	0	0.0	0	0	0.0	28	231	8.3	0	0	0.0	64	512	8.0
	Total		7	64	9.1	38	215	5.7	85	592	7.0	62,127	209,652	3.4	10,503	89,351	8.5

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Buskin River (259-22, 26)	31	4-Aug	0	0	0.0	0	0	0.0	0	0	0.0	1,239	3,965	3.2	379	2,840	7.5
	32	11-Aug	0	0	0.0	0	0	0.0	2	8	4.0	8,427	30,427	3.6	2,499	18,414	7.4
	33	18-Aug	0	0	0.0	1	4	4.0	8	49	6.1	811	3,179	3.9	663	6,638	10.0
	Total		0	0	0.0	1	4	4.0	10	57	5.7	10,477	37,571	3.6	3,541	27,892	7.9
Monaska/Mill Bay (259-10)	29	21-Jul	1	6	6.0	18	127	7.1	4	22	5.5	251	1,002	4.0	20	161	8.1
	31	4-Aug	0	0	0.0	3	17	5.7	0	0	0.0	7,182	28,205	3.9	11	89	8.1
	32	11-Aug	0	0	0.0	3	14	4.7	2	14	7.0	41,224	159,505	3.9	26	227	8.7
	33	18-Aug	0	0	0.0	6	30	5.0	17	116	6.8	17,937	70,771	3.9	241	2,016	8.4
	34	25-Aug	0	0	0.0	2	10	5.0	70	559	8.0	98	469	4.8	1	6	6.0
	35	1-Sep	0	0	0.0	0	0	0.0	84	641	7.6	203	855	4.2	0	0	0.0
	36	8-Sep	0	0	0.0	6	25	4.2	772	4,944	6.4	27	97	3.6	0	0	0.0
	38	22-Sep	0	0	0.0	0	0	0.0	30	346	11.5	0	0	0.0	0	0	0.0
	Total		1	6	6.0	38	223	5.9	979	6,642	6.8	66,922	260,904	3.9	299	2,499	8.4
Big River (262-10,15)	Total		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Hallo Bay (262-20)	30	28-Jul	0	0	0.0	1,042	4,891	4.7	17	82	4.8	4,000	11,999	3.0	169	1,310	7.8
	32	11-Aug	0	0	0.0	0	0	0.0	0	0	0.0	2,241	7,806	3.5	1,004	9,858	9.8
	Total		0	0	0.0	1,042	4,891	4.7	17	82	4.8	6,241	19,805	3.2	1,173	11,168	9.5
Kukak Bay (262-25, 27, 30)	29	21-Jul	2	11	5.5	143	671	4.7	4	20	5.0	815	2,444	3.0	246	1,915	7.8
	32	11-Aug	1	15	15.0	19	99	5.2	10	58	5.8	5,733	19,940	3.5	4,970	47,694	9.6
	Total		3	26	8.7	162	770	4.8	14	78	5.6	6,548	22,384	3.4	5,216	49,609	9.5
Dakavak (262-35, 40, 45, 50, 55)	27	7-Jul	4	24	6.0	3,211	19,381	6.0	0	0	0.0	440	1,661	3.8	643	5,885	9.2
	28	14-Jul	47	248	5.3	5,888	31,940	5.4	28	188	6.7	3,149	10,015	3.2	3,189	28,568	9.0
	29	21-Jul	33	177	5.4	6,560	39,795	6.1	224	1,830	8.2	8,233	34,155	4.1	4,939	36,403	7.4
	30	28-Jul	34	186	5.5	1,728	8,350	4.8	78	460	5.9	4,781	16,582	3.5	960	8,358	8.7
	33	18-Aug	0	0	0.0	21	82	3.9	27	166	6.1	26,075	89,042	3.4	3,634	27,921	7.7
	Total		118	635	5.4	17,408	99,548	5.7	357	2,644	7.4	42,678	151,455	3.5	13,365	107,135	8.0
Katmai (262-60)	28	14-Jul	0	0	0.0	274	1,639	7.0	0	0	7.0	57	201	3.0	147	949	6.5
	Total		0	0	0.0	274	1,639	7.0	0	0	7.0	57	201	3.0	147	949	6.5
Alinchak (262-65, 70)	25	23-Jun	0	0	0.0	4,011	24,063	6.0	0	0	0.0	143	400	2.8	248	1,857	7.5
	27	7-Jul	64	395	6.2	4,227	28,542	6.8	0	0	0.0	353	1,142	3.2	319	3,000	9.4
	28	14-Jul	49	295	6.0	3,748	22,616	6.0	23	120	5.2	766	2,294	3.0	916	7,059	7.7
	29	21-Jul	68	640	9.4	5,793	37,887	6.5	148	1,076	7.3	4,017	19,078	4.7	2,731	20,496	7.5
	30	28-Jul	6	63	10.5	236	1,340	5.7	5	28	5.6	1,969	7,592	3.9	333	2,479	7.4
	Total		187	1,393	7.4	18,015	114,448	6.4	176	1,224	7.0	7,248	30,506	4.2	4,547	34,891	7.7

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Section (Stat Area)	Statistical Week	Week ends	Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Cape Igvak (262-75, 80, 90, 95)	23	9-Jun	87	1,025	11.8	17,798	112,431	6.3	0	0	0.0	153	457	3.0	3,525	28,140	8.0
	24	16-Jun	51	658	12.9	9,902	62,339	6.3	0	0	0.0	407	2,652	6.5	1,402	11,491	8.2
	25	23-Jun	421	3,558	8.5	203,661	1,167,222	5.7	0	0	0.0	8,135	20,602	2.5	14,977	115,682	7.7
	26	30-Jun	150	1,431	9.5	38,498	225,210	5.8	1	7	7.0	2,012	5,949	3.0	3,588	28,790	8.0
	28	14-Jul	139	1,066	7.7	18,647	115,962	6.2	59	360	6.1	2,421	7,327	3.0	2,663	21,059	7.9
	29	21-Jul	1,179	9,701	8.2	61,471	369,249	6.0	666	4,261	6.4	12,820	41,573	3.2	15,160	121,276	8.0
	30	28-Jul	348	2,319	6.7	11,017	67,550	6.1	331	1,789	5.4	8,967	28,336	3.2	5,729	46,951	8.2
Total			2,375	19,758	8.3	360,994	2,119,963	5.9	1,057	6,417	6.1	34,915	106,896	3.1	47,044	373,389	7.9
Wide Bay			0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total			0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Grand Total			14,786	108,968	7.4	2,232,441	12,409,603	5.6	208,514	1,451,841	7.0	16,873,245	60,417,447	3.6	866,382	6,824,047	7.9

Note: Includes cost recovery, but not test fish or commercial catch set aside for personal use.

APPENDIX M. ESCAPEMENT DATA

Appendix M1.–Peak salmon escapements in the Kodiak Management Area, by district and species, 2012.

District	Number of Fish				
	Chinook	Sockeye	Coho	Pink	Chum
Afognak	1	63,664	19,930	768,001	405
Northwest	0	34,100	12,130	704,900	49,800
Southwest	7,957	830,944	30,250	1,607,505	9,325
Alitak	152	324,946	4,406	825,167	14,441
Eastside Kodiak	0	32,973	20,380	635,622	105,325
Northeast Kodiak	0	8,866	8,176	569,854	17,938
Mainland	0	7,300	24,400	413,325	144,100
Area Total	8,110	1,302,793	119,672	5,524,374	341,334