

**Fishery Management Report No. 06-53**

---

---

**Kodiak Management Area Commercial Salmon  
Fishery Annual Management Report, 2005**

by

**Joe Dinnocenzo,**

**Geoff Spalinger,**

and

**Jeff Wadle**

---

---

October 2006

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries





***FISHERY MANAGEMENT REPORT NO. 06-53***

**KODIAK MANAGEMENT AREA  
COMMERCIAL SALMON FISHERY  
ANNUAL MANAGEMENT REPORT, 2005**

by

Joe Dinnocenzo,  
Geoff Spalinger,  
and  
Jeff Wadle

*Division of Commercial Fisheries, Kodiak*

Alaska Department of Fish and Game  
Division of Sport Fish, Research and Technical Services  
333 Raspberry Road, Anchorage, Alaska, 99518-1599

October 2006

The Division of Sport Fish Fishery Management Reports series was established in 1989 for the publication of an overview of Division of Sport Fish management activities and goals in a specific geographic area. Since 2004, the Division of Commercial Fisheries has also used the Fishery Management Report series. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: <http://www.sf.ADF&G.state.ak.us/statewide/divreports/html/intersearch.cfm>. This publication has undergone regional peer review.

*Joe Dinnocenzo, Geoff Spalinger,  
and  
Jeff Wadle  
Alaska Department of Fish and Game, Division of Commercial Fisheries,  
211 Mission Road, Kodiak, Alaska, USA*

*This document should be cited as:*

*Dinnocenzo, J., G. Spalinger, and J. Wadle. 2006. Kodiak management area commercial salmon annual management report, 2005. Alaska Department of Fish and Game, Fishery Management Report No. 06-53, Anchorage.*

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

**If you believe you have been discriminated against in any program, activity, or facility please write:**

ADF&G ADA Coordinator, P.O. Box 115526, Juneau AK 99811-5526

U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington VA 22203

Office of Equal Opportunity, U.S. Department of the Interior, Washington DC 20240

**The department's ADA Coordinator can be reached via phone at the following numbers:**

(VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078

**For information on alternative formats and questions on this publication, please contact:**

ADF&G, Sport Fish Division, Research and Technical Services, 333 Raspberry Road, Anchorage AK 99518 (907)267-2375.

# TABLE OF CONTENTS

	<b>Page</b>
LIST OF TABLES.....	iii
LIST OF FIGURES.....	iii
LIST OF APPENDICES.....	iii
ABSTRACT.....	1
INTRODUCTION.....	1
KODIAK MANAGEMENT AREA DESCRIPTION.....	2
SALMON RESOURCES.....	2
Salmon Producing Streams.....	2
Escapement Goals.....	2
Supplemental Production.....	3
Non-local Salmon in the Kodiak Salmon Management Area.....	4
COMMERCIAL SALMON FISHING.....	4
Background and Gear Types.....	4
Escapement Monitoring.....	5
Commercial Salmon Harvest Chronology.....	6
Board of Fisheries Approved Regulatory Management Plans.....	6
Salmon Forecasts.....	6
Harvest Strategy.....	7
Cost Recovery.....	8
General Harvest Information.....	8
2005 COMMERCIAL SALMON FISHERY SUMMARY.....	8
Gear.....	8
Harvest.....	8
Chinook Salmon.....	9
Sockeye Salmon.....	9
Coho Salmon.....	9
Pink Salmon.....	9
Chum Salmon.....	9
Exvessel Value.....	10
Cost Recovery.....	10
SALMON STOCK STATUS.....	10
Chinook Salmon.....	10
Sockeye Salmon.....	11
Coho Salmon.....	11
Pink Salmon.....	11
Chum Salmon.....	11
OTHER KODIAK MANAGEMENT AREA SALMON HARVESTS.....	12

## TABLE OF CONTENTS (Cont.)

	<b>Page</b>
Subsistence Salmon Fishery .....	12
Retention Of Salmon Taken In Commercial Fisheries .....	12
Salmon Sport Fishery .....	13
REFERENCES CITED .....	13
TABLES & FIGURES .....	17
APPENDIX A. MAPS OF FISHING DISTRICTS .....	45
APPENDIX B. INSEASON MANAGEMENT ACTIONS .....	55
APPENDIX C. CAPE IGVAK FISHERY SUMMARY .....	79
APPENDIX D. ALITAK DISTRICT FISHERY SUMMARY .....	87
APPENDIX E. WESTSIDE FISHERY SUMMARY .....	109
APPENDIX F. NORTH SHELKOF FISHERY SUMMARY .....	129
APPENDIX G. EASTSIDE AFOGNAK FISHERY SUMMARY .....	139
APPENDIX H. SPIRIDON BAY SPECIAL HARVEST AREA FISHERY SUMMARY .....	151
APPENDIX I. EASTSIDE KODIAK FISHERY SUMMARY .....	157
APPENDIX J. NORTH AFOGNAK FISHERY SUMMARY .....	165
APPENDIX K. MAINLAND DISTRICT FISHERY SUMMARY .....	173
APPENDIX L. AREA WIDE HARVEST TABLES .....	181
APPENDIX M. ESCAPEMENT DATA .....	189

## LIST OF TABLES

<b>Table</b>	<b>Page</b>
1. Estimated number of anadromous streams with significant salmon production by district, and species, in the Kodiak Management Area.....	18
2. Comparison of 2005 salmon peak escapements and escapement goals of index streams, by species, in the Kodiak Management Area.....	19
3. Estimated commercial harvest of salmon from Kodiak Regional Aquaculture Association projects in the Kodiak Management Area, 1994-2005.....	20
4. Commercial salmon harvest by species in the Kodiak Management Area, 1882-2005.....	21
5. Summary of limited entry permit activity in the commercial salmon fishery, by gear type, in the Kodiak Management Area, 1975-2005. ....	24
6. Fish weir installation and removal dates and salmon escapements for systems with weirs in the Kodiak Management Area, 2005. ....	25
7. Indexed salmon escapements, by species, in the Kodiak Management Area, 1975-2005.....	26
8. Alaska Board of Fisheries approved salmon management plans for the Kodiak Management Area, 2005.....	27
9. Projected versus actual 2005 commercial salmon harvest, by species and fishery, for the Kodiak Management Area. ....	28
10. Preliminary commercial harvest and forecasts of salmon available for harvest from Kodiak Regional Aquaculture Association stocking projects in the Kodiak Management area, 2005. ....	31
11. Commercial salmon buyers active in the Kodiak Management Area, by geographic area and type, 2005.....	32
12. Commercial salmon harvest and value, by gear and species, in the Kodiak Management Area, 2005.....	33
13. Estimated commercial salmon harvest and value, by gear type, in the Kodiak Management Area, 1970-2005.....	34
14. Subsistence salmon fishery harvest from ADF&G permit reports, by species, for the Kodiak Management Area, 1970-2004.....	36
15. Retention of salmon taken in commercial salmon fisheries but not sold, by species, for the Kodiak Management Area, 1997-2005.....	38
16. Estimated sport fish salmon harvest in the Kodiak regulatory area of the Kodiak Management Area, 1977-2004.....	39

## LIST OF FIGURES

<b>Figure</b>	<b>Page</b>
1. Map of the location of the Kodiak Management Area and neighboring management areas, 2005.....	40
2. Map of the Kodiak Archipelago showing communities, canneries, sockeye salmon enhancement, weir, and hatchery locations in the Kodiak Management Area, 2005.....	41
3. Commercial salmon fishery chronology Kodiak Management Area, 2005.....	42
4. Daily commercial salmon fishery harvest by date and species, 2005, Kodiak Management Area. ....	43

## LIST OF APPENDICES

<b>Appendix</b>	<b>Page</b>
A1. Map of the Kodiak Management Area identifying commercial salmon fishing districts.....	46
A2. Map of the Alitak District identifying commercial salmon fishing sections and statistical areas. ....	47
A3. Map of the Northwest Kodiak District identifying commercial salmon fishing sections and statistical areas.....	48
A4. Map of the Southwest Kodiak District identifying commercial salmon fishing sections and statistical areas. ...	49
A5. Map of the Mainland District identifying commercial salmon fishing sections and statistical areas.....	50
A6. Map of the Afognak District identifying commercial salmon fishing sections and statistical areas. ....	51
A7. Map of the Eastside Kodiak District identifying commercial salmon fishing sections and statistical areas.....	52

## LIST OF APPENDICES (Cont.)

<b>Appendix</b>	<b>Page</b>
A8. Map of the Northeast Kodiak District identifying commercial salmon fishing sections and statistical areas.....	53
B1. Commercial salmon fishing time, by district and section, in the Kodiak Management Area, 2005.....	56
B2. Summary of emergency orders issued in the Kodiak Management Area, 2005.....	57
C1. Narrative account of the Cape Igvak sockeye salmon fishery in the Kodiak Management Area, 2005.....	80
C2. Map of the Cape Igvak Section of the Kodiak Management Area, 2005.....	82
C3. Harvest of sockeye salmon considered to be Chignik bound in the Chignik, Cape Igvak, and Southeastern District Mainland commercial salmon fisheries, from 1978-2005.....	83
C4. Impact of the Cape Igvak Salmon Management Plan. ....	85
C5. Purse seine daily harvest, by species, for the Cape Igvak Salmon Management Plan units, 2005.....	86
D1. Narrative account of the Alitak District salmon fishery in the Kodiak Management Area, 2005.....	88
D2. Map of the Alitak District showing sections statistical areas and closed waters, 2005.....	91
D3. Set gillnet daily salmon harvest, by species and section, for the Alitak District sections, 2005.....	92
D4. Purse seine daily salmon harvest, by species and section, for the Alitak District, 2005.....	100
D5. Salmon harvest by gear type and species, for the Alitak District management units, 2005.....	106
D6. Commercial salmon harvest, by species, with percent harvest by gear type, in the Alitak District, 1954-2005.....	107
E1. Narrative account of the Westside Kodiak salmon fisheries in the Kodiak Management Area, 2005.....	110
E2. Map of Westside Kodiak including Southwest and Northwest Kodiak Districts and the Southwest Afognak Section of the Afognak District.....	113
E3. Commercial salmon harvest, by species, for Westside management units in the Kodiak Management Area, 1975-2005.....	114
E4. Commercial salmon harvest, by gear type and species, for Westside management units 2005.....	115
E5. Purse seine daily salmon harvest, by species for the Westside Management Plan units, 2005.....	116
E6. Set gillnet salmon harvest, by species for Westside Management Plan units, 2005.....	124
F1. Narrative account of the North Shelikof sockeye salmon fishery in the Kodiak Management Area, 2005.....	130
F2. Map showing the North Shelikof management area.....	134
F3. Summary of fishing time, zone closures, effort, and harvest by species, for the North Shelikof management units (15,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1991-2005.....	135
F4. Summary of fishing time, zone closures, effort, and harvest by species, for the Southwest Afognak management unit (50,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1990-2005.....	136
F5. Daily salmon harvest by section and species for the North Shelikof Management Units of the North Shelikof Strait Sockeye Salmon Management Plan, 2005.....	137
F6. Daily salmon harvest by section and species, in the Southwest Afognak management units of the North Shelikof Strait Sockeye Salmon Management Plan, 2005.....	138
G1. Narrative account of the Eastside Afognak salmon fishery in the Kodiak Management Area, 2005.....	140
G2. Map of the Afognak District of the Kodiak Management Area.....	142
G3. Daily salmon harvest, by species, for the management units of the East Afognak Management Plan, 2005.....	143

## LIST OF APPENDICES (Cont.)

<b>Appendix</b>	<b>Page</b>
H1. Narrative account of the Spiridon Bay Special Harvest Area sockeye salmon fishery in the Kodiak Management Area, 2005. ....	152
H2. Map showing Spiridon Bay Special Harvest Area in the Northwest Kodiak District. ....	153
H3. Daily salmon harvest, by species and gear type, for the Spiridon Bay Special Harvest Area, 2005. ....	154
H4. Estimated contribution to the commercial harvest of the sockeye salmon Spiridon Lake enhancement project, by locality, in the Kodiak Management Area, 2005. ....	156
I1. Narrative account of the Eastside Kodiak salmon fishery in the Kodiak Management Area, 2005. ....	158
I2. Map of the Northeast Kodiak District identifying commercial salmon fishing sections and statistical areas. ....	160
I3. Map of the Eastside Kodiak District identifying commercial salmon fishing sections and statistical areas. ....	161
I4. Daily commercial salmon harvest, by species, for the Eastside Kodiak Management Plan units, 2005. ....	162
J1. Narrative account of the North Afognak/Shuyak salmon fishery in the Kodiak Management Area, 2005. ....	166
J2. Map showing the Afognak District of the Kodiak Management Area. ....	169
J3. Daily salmon harvest, by species, for the North Afognak/Shuyak Island management units, 2005. ....	170
K1. Narrative account of the Mainland salmon fishery in the Kodiak Management Area, 2005. ....	174
K2. Map showing the Mainland District identifying commercial salmon fishing sections and statistical areas. ....	176
K3. Daily commercial salmon harvest, by species, for the Mainland District Management Plan units, 2005. ...	177
L1. Commercial salmon harvest, by management unit and statistical week, all gear combined, in the Kodiak Management Area, 2005. ....	182
M1. Peak salmon escapements of index streams for the Kodiak Management Area, by district and species, 2005. ....	190
M2. Peak salmon escapements of index streams of the Afognak District, by stream and species, in the Kodiak Management Area, 2005. ....	191
M3. Peak salmon escapements for index streams of the Northwest Kodiak District, by stream and species, in the Kodiak Management Area, 2005. ....	192
M4. Peak salmon escapements of index streams of the Southwest Kodiak District, by stream and species, in the Kodiak Management Area, 2005. ....	193
M5. Peak salmon escapements of index streams of the Alitak District, by stream and species, in the Kodiak Management Area, 2005. ....	194
M6. Peak salmon escapements of index streams of the Eastside Kodiak District, by stream and species, in the Kodiak Management Area, 2005. ....	195
M7. Peak salmon escapements of index streams of the Northeast Kodiak District, by stream and species, in the Kodiak Management Area, 2005. ....	196
M8. Peak salmon escapements of index streams for the Mainland District, by stream and species, in the Kodiak Management Area, 2005. ....	197



## ABSTRACT

This report describes the Kodiak Management Area (KMA), provides an overview of the KMA salmon resources, and explains the 2005 KMA commercial salmon fisheries and the various harvest strategies that were in effect throughout the commercial salmon fishing season. In addition, this report reviews recent and historical commercial, sport, and subsistence harvests and effort levels in the KMA.

The 2005 KMA commercial salmon fishery began on June 1 with the last reported landing on September 29. A total of 301 permits were fished in 2005 which included 136 purse seines and 165 set gillnets. The total 2005 commercial salmon harvest in the KMA, including ADF&G test fish and commercially caught salmon retained but not sold, was 14,465 Chinook salmon *Oncorhynchus tshawytscha*, 3,052,186 sockeye salmon *O. nerka*, 396,841 coho salmon *O. kisutch*, 30,143,827 pink salmon *O. gorbuscha*, and 477,435 chum salmon *O. keta*. Additional salmon were harvested for subsistence and sport use. The 2005 commercial harvests exceeded the forecast for sockeye and pink salmon; however Chinook, coho and chum salmon harvests were below 2005 projections. The exvessel value for all salmon species and all gear types (seine and set gillnet) totaled approximately \$25.0 million.

District sockeye salmon escapements met or exceeded all established goals with the exception of the Afognak District. The Kodiak Archipeligo pink salmon escapement goal was exceeded although the Mainland District goal was not met. Minimal district chum salmon escapement goals were exceeded in the Alitak and Eastside districts but were not achieved in the Southwest, Northeast, Northwest, or Mainland districts. The Chinook salmon escapement goal was exceeded in the Southwest District.

Commercially harvested salmon that were reported as retained but not sold totaled 9,693 salmon in the KMA. Commercial fishermen reported from their lawful commercial harvests for their own use 54 Chinook, 4,432 sockeye, 811 coho, 4,385 pink and 11 chum salmon.

The 2005 harvest data for the subsistence and sport fisheries in the KMA were not yet summarized at the time of this report. There were 2,284 subsistence permits issued in 2005.

Key words: Chinook salmon, sockeye salmon, coho salmon, pink salmon, chum salmon, Alaska Department of Fish and Game, Kodiak Management Area, commercial fisheries, subsistence, sport fisheries, Alaska Board of Fisheries, management plan, purse seine, set gillnet, harvest, 2005

## INTRODUCTION

The Alaska Department of Fish and Game (ADF&G) has managed the salmon resources of the state since statehood in 1959. The Division of Commercial Fisheries (CFD) has been responsible for management of the state's subsistence, commercial and personal use fisheries, the rehabilitation and enhancement of existing fishery resources, and the development of new fisheries (ADF&G 2005). Management reports of Kodiak Management Area (KMA) commercial salmon fisheries have been compiled annually since statehood. This report describes the KMA, provides an overview of the salmon resources, and explains the current KMA commercial salmon fisheries and the various harvest strategies that were in effect throughout the 2005 commercial salmon fishing season. In addition, this report reviews recent and historical commercial harvests and effort levels as well as provide some information on subsistence, sport, and commercial harvest retained for personal use.

General information concerning escapements, harvest and economic value is contained in the text of this report. A more detailed discussion of the results of the prosecution of the numerous management plans governing the KMA is contained in a series of appendices. Appendices A1 through A8 are maps depicting the KMA and its commercial fishing districts. Appendices B1 through B2 depict fishing opportunity in space and time and list emergency orders issued during the season. Appendices C1 through C5 depict detailed information specific to the Cape Igvak fishery. Appendices D1 through D6 depict detailed information specific to the Alitak District salmon fishery. Appendices E1 through E5 depict details of the Westside Kodiak salmon fishery. Appendices F1 through F6 depict detailed information specific to the North Shelikof Strait

salmon fishery. Appendices G1 through G3 depict detailed information specific to the Eastside Afognak salmon fishery. Appendices H1 through H4 depict detailed information specific to the Spiridon Lake Special Harvest Area fishery. Appendices I1 through I4 contain information specific to the Eastside Kodiak District salmon fishery. Appendices J1 through J3 contain information specific to the North Afognak/Shuyak salmon fishery. Appendices K1 through K3 contain information specific to the Mainland District salmon fishery. Appendix L1 is a table detailing commercial salmon harvest by statistical week and management unit across the entire KMA. Appendices M1 through M8 depict indexed peak salmon escapements by stream, species and district.

Due to the *M/V Exxon Valdez* oil spill, most of the KMA remained closed to commercial salmon fishing for the entire 1989 season. Where average harvest information is presented, 1989 may not be included in the averages. Tables and graphs in this report may not include 1989 data.

## **KODIAK MANAGEMENT AREA DESCRIPTION**

The KMA comprises the waters of the western Gulf of Alaska surrounding the Kodiak Archipelago and along with that portion of the Alaska Peninsula that borders the Shelikof Strait between Cape Douglas and Kilokak Rocks (Figure 1). The archipelago is approximately 150 miles (250 km) long, extending from northeast to southwest. The Alaska Peninsula portion is about 160 miles (267 km) long and is separated from the archipelago by the Shelikof Strait, which averages 30 miles (50 km) in width.

The regulatory description (5 AAC 18.100; 2005) of the KMA is all waters of Alaska south of a line extending east from Cape Douglas at 58° 51.10' N lat., west of 150° W long., north of 55° 30.00' N lat., and north and east of a line extending 135° southeast from a point near Kilokak Rocks at 57° 10.34' N lat., 156° 20.22' W long. (the longitude of the southern entrance of Imuya Bay) for three miles, then due south.<sup>1</sup>

## **SALMON RESOURCES**

### **SALMON PRODUCING STREAMS**

There are approximately 800 streams within the KMA in which salmon migration or spawning has been documented (ADF&G 1993). Of these, 440 streams have been documented to support yearly spawning populations of salmon (Table 1) while the remaining 360 are small streams that are usually used by pink salmon *Oncorhynchus gorbuscha* only in years with very large returns. Four streams support viable Chinook salmon *O. tshawytscha* stocks; 39 streams support sockeye salmon *O. nerka* stocks of varying size; 174 streams have coho salmon *O. kisutch* stocks; approximately 150 streams have chum salmon *O. keta* stocks; and all 440 streams support pink salmon stocks (Table 1). Of these streams, 92 are located in the Mainland District (on the Alaska Peninsula), while the remainder are located in the Kodiak Archipelago (in the Northwest, Southwest, Alitak, Eastside and Northeast Kodiak districts; Appendix A1).

### **ESCAPEMENT GOALS**

In 2005 (prior to the fishing season) the ADF&G salmon management and research staff reviewed the escapement goals established in the past for each salmon species and modified, or in some cases discontinued, several of them (Nelson et al. 2005). The KMA commercial salmon

---

<sup>1</sup> All latitudes and longitudes currently used in ADF&G Commercial Fishing Regulations are shown in decimal minutes and are based on North American datum of 1983 (5 AAC 39.997(b)). This document also follows that system.

fisheries were managed to achieve escapement levels that were within the established ranges, or in the case of chum salmon, that exceeded minimum goals for individual districts. A comparison of 2005 salmon escapements, by species, and the current escapement goals are depicted in Table 2.

## **SUPPLEMENTAL PRODUCTION**

Two hatcheries located in the KMA currently produce salmon to supplement natural salmon production (Figure 2). The Kodiak Regional Aquaculture Association (KRAA) operates the Kitoi Bay and Pillar Creek hatcheries. The Kitoi Bay Hatchery, located on the east side of Afognak Island, produces primarily pink salmon; however, sockeye, chum, and coho salmon are also cultured (Honnold and Aro 2005). Outstocking (placing salmon in sites other than the hatchery) of juvenile coho and sockeye salmon fry occurs, but the majority of the salmon were intended to return to the hatchery for common property harvest (from 2003 through 2005, cost recovery fisheries also occurred at the Kitoi Bay Hatchery). Pillar Creek Hatchery, located north of the City of Kodiak at Monashka Bay, is used primarily as an incubation facility for sockeye salmon outstocking projects; however Chinook and coho salmon were also reared at the facility (Honnold and Byrne 2005).

The Kodiak Regional Planning Team (KRPT<sup>2</sup>) identified sockeye salmon as the priority species for supplemental production (KRPT 1992). Through the use of remote egg takes and hatchery incubation, sockeye salmon juveniles are being stocked to enhance future sockeye salmon harvests through put-and-take<sup>3</sup> projects, broodstock development, and to restore systems with depleted runs (Honnold and Schrof 2001). Sockeye salmon were stocked at Spiridon, Hidden, Crescent, Little Waterfall, and Big Waterfall lakes to produce harvest opportunities in small terminal fisheries near the outlets of these systems. Sockeye salmon are stocked for broodstock development in Little Kitoi Lake. 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 at these locations.

The ADF&G Division of Sport Fish (SFD), in conjunction with KRAA, has stocked coho salmon smolt and Chinook salmon smolt to produce put-and-take sport fisheries and enhance sport fishing opportunities along the Kodiak road system. Chinook salmon smolt were stocked into Island Lake near the city of Kodiak from 1989 through 1994, Mission Lake in 1991 and then into the Buskin River in 1995 and 1996. A new smolt stocking project is now underway and annual Chinook stocking of Monashka Creek began in 2002. Coho salmon fingerlings were stocked into Island, Mayflower, Dark, Mission, and Potato Patch lakes near the city of Kodiak. Coho salmon smolt were stocked in Monashka Creek in some recent years, including 2005.

A long-term goal of the Kodiak Regional Comprehensive Salmon Plan was to increase the annual harvest of salmon (over and above the KMA wild salmon harvest) by an additional 3,000 Chinook, 1,700,000 sockeye, 383,000 coho, 11,500,000 pink, and 1,100,000 chum salmon by the year 2003 (KRPT 1992). To date, the peak years of supplemental production have produced an

---

<sup>2</sup> The KRPT is a group consisting of representatives of ADF&G, regional aquaculture associations, and the public, mandated by Alaska Statutes (16.10.375-470) to develop and amend comprehensive salmon production plans for salmon production regions.

<sup>3</sup>“Put and take projects” involve placement of salmon at sites so they will return there as adults with the intent that they all be harvests and none will escape to spawn.

undetermined number of Chinook salmon and an estimated additional 796,359 sockeye, 209,259 coho, 13,608,087 pink, and 466,205 chum salmon to the annual harvest (Table 3).

## **NON-LOCAL SALMON IN THE KODIAK SALMON MANAGEMENT AREA**

Salmon tagging studies have been conducted in the KMA to aid management of commercial fisheries. These studies were performed to determine the presence or absence of major stocks at a particular time and place and the average travel time through fishery management units; these studies were not designed to determine stock compositions. The earliest tagging study was conducted in 1927 (Rich and Morton 1929) and there were intermittent tagging studies through 1981 (Bevan 1959;Bowe 1941; Nicholson 1978; Simon et al. 1969; Tyler et al. 1986). Most tagging studies occurred along the south and west sides of the Kodiak Archipelago to study the migration of sockeye salmon traveling to the major systems of Kodiak Island (Karluk, Ayakulik, Upper Station, and Frazer). Some sockeye salmon tagging was done along the north and east sides of the archipelago (Tyler et al. 1986) and at the southwest end of the KMA, along the Alaska Peninsula near Wide Bay (Simon et al. 1969). Salmon migrating through KMA waters to the Chignik and Cook Inlet Management Areas were documented in some of those studies. Other tagging studies have documented the migration of salmon from Cook Inlet and South Alaska Peninsula waters to Kodiak Island waters (Eggers et al. 1987; Noerenberg and Calkins 1959).

Chinook salmon from Oregon, Washington, British Columbia, Southeast Alaska, and Cook Inlet origin have been documented in the KMA from coded wire tag (CWT) recoveries (Clark and Nelson 2001). CWT recovery projects were conducted in 1994, and 1997 through 1999. The majority of the non-local Chinook salmon documented by these studies were from British Columbia hatcheries and it was concluded that there was only a low incidental harvest of Cook Inlet Chinook salmon. The only local Chinook salmon stock within the KMA that has been marked with CWT was hatchery produced Chinook salmon fry released into the Buskin River; no Kodiak wild stock Chinook salmon were marked with CWT prior to, during, or since this study.

The most recent attempts at estimating sockeye salmon stock composition within the KMA have involved studies that used scale pattern analysis, run timing, and analysis of shifts in average weights of commercial catches (Barrett and Nelson 1994; Barrett and Swanton 1992; Swanton and Nelson 1994; Vining and Barrett 1994).

## **COMMERCIAL SALMON FISHING**

### **BACKGROUND AND GEAR TYPES**

The salmon resources of the KMA have been exploited commercially for over 150 years (Roppel 1986). Commercial sockeye salmon harvest records date back to 1882 (Table 4). 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). There were 608 commercial salmon permits available in the KMA in 2005 (CFEC 2005: Table 5). The actual numbers of permits that are fished varies annually.

The KMA is one of 13 designated salmon net registration areas in the State of Alaska (5AAC 39.120(d), 2005). Inseason management of the commercial salmon fishery is structured around seven districts subdivided into 56 sections (Appendices A1-A8). These sections are occasionally subdivided further inseason to adjust fishing effort on unexpected salmon surpluses or deficits. Each section defines a traditional geographic harvest area, managed for specific stocks or traditional fishing patterns. Divisions of sections or groups of sections or districts that are opened

or closed together are referred to as management units. The Alaska Board of Fisheries (BOF) has also designated five Special Harvest Areas (SPA; 5 AAC 40.085, 2005) and one Terminal Harvest Area (THA; 5 AAC 18.378, 2005) within the KMA for the harvest of enhanced salmon fisheries (Brennan et al. 2005).

In the KMA, there are restrictions on which gear types can operate in specific management units based on historical gear use patterns, which were formalized in regulation (ADF&G 2005). 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 except for the Alitak Bay, Moser Bay, and Olga Bay Sections of the Alitak District, where set gillnets are the only legal gear<sup>4</sup>(5 AAC 18.330(d)(2), 2005). Gillnet and seine gear are both allowed in the Central Section of the Northwest Kodiak District, making this the only section where all gear types may operate (5 AAC 18.330(b), 2005). Since 1974, the geographical areas currently open to specific gear types have remained relatively unchanged.

## **ESCAPEMENT MONITORING**

The majority of sockeye salmon and all Chinook salmon escapement counts were obtained through the use of fish weirs (Tables 2, 6 and 7; Spalinger 2006). Weirs were used on seven different spawning systems (Figure 2). In the KMA, salmon escapement passing through fish weirs were manually counted by species (Brennan et al. 2005). Escapement gates within the weir were closed when ADF&G personnel were not present to count. Escapement counts were transmitted daily from the weir locations to the Kodiak ADF&G office. These data allowed for precise stock-specific management. The remainder of the KMA sockeye salmon systems were monitored by aerial observation using small fixed-wing aircraft. Conversely, most pink, chum, and coho salmon estimates escapement are collected from fixed-wing aircraft surveys of bays and streams. Foot surveys were also used 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 inseason to aid fishery management. A "peak indexed escapement" estimate was calculated postseason for all systems surveyed and, together with weir escapement data, an area wide escapement estimate was made<sup>5</sup> (Table 7).

Additional preseason and inseason information on returning sockeye salmon run strength in the Alitak District (Frazer Lake and South Olga Lake stocks) was obtained from an ADF&G test fishery in Olga Narrows (Foster 2004). A 50-fathom gillnet was fished each day for a set time in a set location. Results were compared with past test fishery catch data versus actual salmon runs, to help estimate the number of salmon passing through Olga Narrows.

---

<sup>4</sup> This management unit was designated set gillnet only prior to Alaska being granted statehood. In 1970 this rule was amended such that the Moser and Olga Bay Sections remained gillnet only prior to September 5. Seine gear is then legal in the entire Alitak District. The Dog Salmon Flats, Inner and Outer Akalura, and the Inner and Outer Upper Station sections are normally closed to commercial fishing. In the event of overescapement, gillnet only "mop up" fisheries can occur in these sections.

<sup>5</sup> Peak indexed escapement for sockeye, chum, and coho salmon is simply the highest daily aerial or foot survey count for each system for each year. For pink salmon, peak indexed escapement of each stream surveyed is estimated as the larger of either the highest daily survey count or the sum of two counts which are 30 or more days apart. This is done to compensate for the longer stream life of pink salmon. Expansion of aerial or foot survey counts to estimate total run strength can be accomplished by various methods, and is done postseason by research staff. All escapement values in past Annual Management Reports are total counts from weirs plus peak index counts, and this document follows that methodology.

## **COMMERCIAL SALMON HARVEST CHRONOLOGY**

Salmon run timing by species within the KMA follows a general chronology (Figure 3). Generally, there are "early-run" sockeye salmon present throughout June to about mid-July, and "late-run" sockeye salmon are present from mid-July through September. Chinook, 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.

Inseason management actions follow a generalized plan described in an annually issued "Harvest Strategy" (Brennan et al. 2005). This harvest strategy details a specific chronology of management actions related to salmon run timing by species. Sockeye salmon are the primary species on which fisheries are targeted 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 for 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 management species from mid-August through early September. Coho salmon are the primary species managed after early September.

## **BOARD OF FISHERIES APPROVED REGULATORY MANAGEMENT PLANS**

Several BOF approved Management Plans (MP), which describe biological and allocative constraints, guide the KMA staff when regulating commercial salmon fisheries. These plans are part of the Kodiak Area Commercial Salmon Fishery Regulations (ADF&G 2005). Ten regulatory MPs were in effect for the KMA in 2005 (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.

Six MPs embody the harvest strategies that have developed over time to maintain the biological integrity of local salmon stocks and the allocative concerns of local KMA fishers. These plans include Alitak District Salmon MP, Westside Kodiak MP, Eastside Afognak MP, Eastside Kodiak Salmon MP, Mainland District Salmon MP and North Afognak/Shuyak Island Salmon MP. Two MPs, the Cape Igvak Salmon and the North Shelikof Strait Sockeye Salmon plans, affect Kodiak purse seine fisher's opportunity to target salmon migrating through the KMA to spawning systems in the Chignik and Cook Inlet Management Areas. The Crescent Lake Coho Salmon and Spiridon Bay Sockeye Salmon MPs allocate stocked salmon from put-and-take fisheries developed by the ADF&G and the KRAA.

## **SALMON FORECASTS**

Preseason salmon forecasts were developed jointly by ADF&G management and research biologists. Chinook, coho, pink and chum salmon runs were predicted by broad geographic area, while individual forecasts were made for major sockeye salmon stocks. Projected harvests are estimated by fishery and geographic area (Eggers 2005; Table 9).

The forecasted 2005 commercial harvest of Chinook salmon was approximately 20,000 fish (Table 9). The sockeye salmon harvest was forecasted to be approximately 2,611,000 fish (Table 9). This projection included formal forecasts for the major sockeye salmon systems of Karluk, Upper Station, Ayakulik, Dog Salmon (Frazer Lake), plus estimated harvests from minor sockeye salmon systems, supplemental production (from enhancement projects), the Cape Igvak Section, and other miscellaneous systems. Preseason forecasts also predicted a harvest of

526,200 coho, 18,185,100 pink and 1,169,600 chum salmon. These estimates also included supplemental production of salmon from enhancement projects (Table 10).

## **HARVEST STRATEGY**

The 2005 Kodiak Area Commercial Salmon Fishery Harvest Strategy, released in May 2005, outlined the approaching fishing season (Brennan et al. 2005). This document contained a synopsis of the expected chronology of the 2005 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.

The 2005 harvest strategy listed June 1 as the initial opening date of the salmon fishery to target early-run sockeye salmon (Figure 3). The areas to be opened included the Central and North Cape sections of the Northwest Kodiak District and the Outer Karluk Section of the Southeast District. The results of this 57-hour commercial test fishery were used to evaluate the actual run strength of the Karluk and Ayakulik early-run sockeye salmon stocks. The Special Harvest Areas of Foul and Waterfall bays were also slated to be opened on June 1. The Inner Kitoi Bay, Outer Kitoi Bay, Duck Bay, and Izhut Bay sections were slated to open to continuous fishing on June 5. The Malina Creek Terminal Harvest Area also was scheduled for a possible opening on that date if escapement exceeded desired levels. The Alitak District was scheduled to possibly open on June 5 if the run strength of early-run sockeye salmon to the Frazer and Upper Station systems were sufficiently strong. The intent was to allow harvest on the Upper Station early-run sockeye salmon before peak escapement into the Frazer system. The Alitak District would only open for 33 hours with no possible extensions. If the Chignik Lake sockeye salmon early run was as strong as expected, and the timing was as early as it has been the last few years, the first fishing period in this section could occur between June 5 and June 9.

An initial 33-hour opening was scheduled to start June 9 in the Anton Larsen, Sharatin Bay, Terror Bay, Inner Uganik Bay, Spiridon Bay, and Uyak Bay sections of the Northwest Kodiak District to test the run strength of the local chum and sockeye returns. A second fishing period was scheduled for June 14, but 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 to be 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 District and the Southeast Afognak Section of the Afognak District were solely dependent on sockeye escapement into Ayakulik (Red) or Afognak (Litnik) systems, respectively. Small harvestable surpluses were projected, which would allow for short fisheries near the peak of the sockeye salmon runs.

Additional fishing periods were scheduled for June 14 and 21 for select systems with minor sockeye salmon returns. This period 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 evaluate the strength of runs to Saltery, Ocean Beach, Thorsheim, Long Lagoon, Swikshak, and Kafliia Lake systems. Each of these periods were to be 33 hours long.

The initial fishing period targeting pink salmon was scheduled to begin July 6, and projected weekly fishing periods for July and August were published (Brennan et al. 2005). Based on the predicted pink and chum salmon run strength, the initial general pink salmon opening was set at

4.4 days (105 hours), with fishing periods following in July and August set at 4.4 days (105 hours) per week. However, in the Mainland District, the first three periods were scheduled to be only 2.4 days (57 hours) in length.

### **COST RECOVERY**

KRAA conducted a cost recovery program in the 2005 KMA commercial salmon fishery (Honnold and Aro 2005). KRAA implemented five other cost recovery programs during the years 1987 through 1989 and 2003 through 2005. The annual cost recovery goal was set at approximately \$500,000. The purpose was to raise funds for operations at the Kitoi Bay Hatchery. The MP set the cost recovery program dates at July 20 through August 31, and the harvest was intended to take place primarily within Inner Kitoi Bay Section.

### **GENERAL HARVEST INFORMATION**

There are several regulatory management plans and harvest strategies that influence the management of the KMA salmon fisheries. The detailed prosecution of each of these management plans and summaries for the 2005 KMA salmon fisheries are described in Appendices C-K.

Appendix L contains a detailed table of the 2005 commercial salmon harvest in the KMA, by week, for each management unit, for all gear types combined.

## **2005 COMMERCIAL SALMON FISHERY SUMMARY**

The 2005 Kodiak commercial salmon fishery began on June 1 with a 33-hour fishing period in the Central and North Cape Sections of the Northwest Kodiak District and the Outer Karluk Section of the Southwest Kodiak District (Appendices B1 and B2). Prior to 2003, the first fishing period began on June 9. However, sockeye salmon run timing has been consistently earlier in recent years with most of the desired escapement through the Karluk River fish counting weir prior to the first commercial salmon fishing period. The early fishing period served as a commercial test fishery to evaluate the actual return strength of the Karluk, Ayakulik, Upper Station, and Frazer early-run sockeye stocks. The Special Harvest Areas (SHAs) of Foul Bay and Waterfall Bay also opened on June 1. Fisheries were extended over a 121-day period, with the last reported landing occurring on September 29 (Figure 4; Appendix L1). A total of 12 shore-based plants processed salmon from the 2005 KMA fishery (Table 11).

### **GEAR**

A total of 301 KMA commercial salmon fishing permits holders reported harvests in 2005 (Table 5). This was less than the 2004 season and below the recent 10-year (1995-2004) average (376 permits). Seine participation once again declined in 2005 with 136 active permits. Set gillnet participation in the 2005 KMA commercial salmon fishing season increased (165 permits) from the 2004 season (164 permits). Set gillnet participation was above the recent 10-year average (163 permits; Table 5).

### **HARVEST**

A total of 34,074,433 salmon were harvested in the KMA commercial fisheries, which was much higher than the recent 10-year (1995-2004) average of 22,334,651 salmon (Table 4).

Seine fishers caught 90.4% of the total number of salmon harvested (Table 12), which included 55.7% of the sockeye, 94.5% of the pink, and 71.0% of the chum salmon harvest. Set gillnet

fishers caught 9.6% of the commercial salmon harvest (Table 12), which included 44.3% of the sockeye salmon harvest.

### **CHINOOK SALMON**

The Chinook salmon harvest (14,411) was less than the 1995-2004 average (18,896; Table 4) and below forecast (20,000; Table 9). The average weight for Chinook salmon was 11.68 pounds (Table 12). The majority of the Chinook salmon harvest was taken by seine fishers during June and early July in the Southwest Afognak Section and the Northwest Kodiak District.

### **SOCKEYE SALMON**

The sockeye salmon harvest (3,047,142; Table 4) was above forecast (2,611,000; Table 9) but below the 1995-2004 average catch (3,582,933; Table 4). The average weight for sockeye salmon was 5.49 pounds (Table 12). Detailed information regarding sockeye salmon harvests by management area can be found in Appendices C–K.

### **COHO SALMON**

The coho salmon harvest (396,030; Table 4) was below forecast (526,200; Table 9) but slightly above the 1995-2004 average (367,913; Table 4). Average weight (7.88 pounds; Table 12) was similar to last year but slightly lower than other recent years. Westside fisheries caught approximately 167,980 coho salmon (forecast 205,700; Table 9). The Eastside/Northend Kodiak catch was 52,644 coho salmon (forecast 56,100). Afognak catches included 5,737 coho salmon (forecast 74,800). The Kitoi Bay Hatchery coho salmon harvest was 151,729 which was near the hatchery forecast of 152,200 (Table 9).

### **PINK SALMON**

Overall, the pink salmon harvest (30,139,434; Table 4) was well above the forecasted harvest (18,185,100; Table 9) and well above the most recent five odd-year (1995-2003) average (19,883,058; Table 4). The average weight (3.39 pounds; Table 12) of the 2005 pink salmon catch was similar from recent year's harvest. The non-hatchery pink salmon harvest of 16,535,512 fish was more than double the harvest projection (8,000,000 fish), with Eastside/Northend Kodiak fisheries<sup>6</sup> accounting for more than 36% of the estimated total (5,985,723 harvest, forecast 1,600,000). Fisheries associated with the Kitoi Bay Hatchery caught approximately 13,603,742 pink salmon (forecast 10,185,100; Table 9) but 2,640,254 of those fish (19.4%) were harvested as cost recovery for the Kitoi Bay Hatchery. Market conditions determined overall harvest with local processors limiting where fishermen could fish and how much they could sell.

### **CHUM SALMON**

The chum salmon harvest (477,416; Table 4) was significantly below forecast (1,169,600; Table 9) and below the 1995-2004 average (898,856; Table 4). Chum salmon average weight was 8.71 pounds (Table 12). Westside Fisheries caught 201,067 chum salmon (forecast 507,100; Table 9), Eastside/Northend Kodiak catches totaled 99,194 chum salmon (forecast 138,300), and Mainland catches totaled 49,902 chum salmon (forecast 156,700). The Kitoi Hatchery chum harvest (91,814) was less than the hatchery forecast of 247,600 (Table 9).

---

<sup>6</sup> The Eastside/Northend Kodiak fishery includes the Eastside Kodiak District, Northeast Kodiak District, and the North Cape, Anton Larson, Sharatin, and Kizhuyak sections, plus part of the Central Section (259-36 to 39).

## **EXVESSEL VALUE**

The estimated total exvessel value of the 2005 fishery was \$24,961,404 (Table 12), which was below the 1995-2004 average value of \$26,723,209 (Table 13). This exvessel value was based on inseason price estimates. The average price per pound, by gear and species, can be found in Table 12. The inseason values do not reflect additional payments made to fishers for dock deliveries or refrigerated or iced fish.

Purse seine fisher's gross earnings averaged \$136,088 (1995-2004 average \$88,789; Table 13). Gillnet fisher's gross earnings averaged \$40,172 (1995-2004 average \$43,493; Table 13).

## **COST RECOVERY**

The KRAA began a cost recovery operation on July 29. The operation continued to harvest salmon through August 18. The majority of the salmon were harvested in the Inner Kitoi Bay Section and included 2,640,254 pink salmon.

## **SALMON STOCK STATUS**

In 2005 fish counting weirs were operated on the major systems of Karluk Lake (at Karluk Lagoon), Red Lake (at the Ayakulik River outlet), Frazer Lake (at the Dog Salmon River outlet and at the Frazer Lake fish pass), and South Olga Lakes (at the outlet of S. Olga Creek at Upper Station), and also on the smaller systems of Afognak Lake (at Litnik), Buskin River (at Buskin Lake and also Lake Louise), and Malina Lake. (Spalinger 2006; Table 6; Figure 2). Indexed peak salmon escapement estimates by species for individual streams are listed by district in Appendix M.

## **CHINOOK SALMON**

In 2005, there were 8,340 Chinook salmon counted through the Ayakulik River weir (Spalinger 2006; Table 6) which was in the escapement goal range of 4,800 - 9,600 (Nelson et al. 2005). The Karluk River escapement of 4,798 Chinook salmon (Spalinger 2006; Table 6), was in the escapement goal range of 3,600-7,300 (Nelson et al. 2005). Dog Salmon Creek has an introduced run of Chinook salmon and a total of 335 were counted through the Dog Salmon weir (Spalinger 2006; Table 6).

Recent Chinook salmon escapements to the Ayakulik River have been very strong. Since 1996, Ayakulik Chinook escapements have met or exceeded the current escapement goal (4,800 to 9,600), averaging 14,998 salmon. The 2005 Ayakulik escapement (8,340 Chinook salmon) was the smallest since 1994 but within the escapement goal range (Spalinger 2006). Recent Karluk River Chinook salmon runs have been fair to good. Since 1996, Karluk Chinook escapements have met the current escapement goal (3,600 to 7,300), and averaged 8,846 Chinook salmon (Spalinger 2006).

There has been concern that large numbers of Karluk Chinook salmon were harvested during commercial fisheries in the Inner and Outer Karluk sections, which had lengthy fishery openings due to unusually early and strong Karluk sockeye salmon runs. However, the commercial harvest of Chinook salmon from the Inner and Outer Karluk sections has remained relatively low, especially in comparison to the early-run Karluk sockeye salmon (Appendix L1). To address this concern in 2005, emergency orders were adopted implementing a regulation (5 AAC 18.395, 2005); effective June 3 in the Outer Karluk Section, and effective June 22 in the Inner Karluk Section, the retention of Chinook salmon by seine gear was prohibited.

## **SOCKEYE SALMON**

Sockeye salmon escapements for major and selected minor systems were enumerated through the use of fish counting weirs (Table 6). Fish counted through weirs accounted for about 85% of all documented sockeye salmon escapements in 2005. A total of 1,445,830 sockeye salmon were counted through KMA weirs. Additional escapements of 84,051 sockeye salmon were estimated by aerial and foot surveys in other systems such as Pasagshak Lake, Kafli Lake, Uganik Lake, and Swikshak Lagoon. Sockeye salmon escapements met or exceeded all currently established system escapement goals with the exception of Pauls Bay where the 700 estimated fish were substantially below the goal range of 10,000 to 30,000 fish (Nelson et al. 2005; Table 2). This estimate is only a minimal estimate based on limited aerial surveys. A detailed listing of escapement estimates of specific systems can be found in Appendices M2-M8.

## **COHO SALMON**

Estimating coho salmon escapements to KMA streams can be difficult. Coho salmon often do not migrate into streams to spawn until late fall when rains cause the water levels to rise. The high waters create difficult survey conditions due to reduced stream water clarity. Coho salmon escapements continue until late in the year (often into November), and late-season escapement surveys are also limited by budget constraints. Coho salmon escapement goals were reevaluated prior to the 2005 season (Nelson et al. 2005). The result of this review was that all of the district coho salmon goals were eliminated. Only four small streams in the Northeast District have complete enough information to enable the establishment of escapement goals. They include the American, Pasagshak, Buskin and Olds rivers.

Many of the major and minor coho salmon streams have weirs. Coho salmon counted into systems with weirs account for 47% of the documented coho salmon escapement. Overall, coho salmon escapements appeared good, with the aggregated KMA escapement estimate of 107,764 fish (Table 7).

## **PINK SALMON**

The majority of pink salmon escapements were monitored by aerial survey, with only approximately 15% of the 2005 pink salmon escapement being counted through salmon weirs. The 2005 pink salmon escapement of 3,688,158 fish for the Kodiak Island Archipelago fell within the odd-year escapement goal of 2,000,000 to 5,000,000 fish (Table 2; Nelson et al. 2005). The Mainland District pink salmon escapement was 226,450 fish which was below the escapement goal range of 250,000 to 750,000 fish (Table 2; Nelson et al. 2005). District-wide escapements and system specific surveys can be found in Appendix M.

## **CHUM SALMON**

KMA district chum salmon escapement goals were modified from a desired range to a minimum threshold escapement after review by ADFG salmon management and research staff (Nelson et al. 2005). The majority of chum salmon 2005 escapement estimates were the result of aerial surveys, with less than 2% of the 2005 chum escapement being enumerated through salmon weirs. Aerial estimates of chum salmon are subject to greater error than pink salmon counts in the KMA. 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. Several major KMA chum salmon systems along Kodiak's west side or along the Alaska Peninsula are very remote, limiting aerial observations. Aerial survey counts of chum salmon for the KMA are considered minimum estimates of actual escapement.

The 2005 chum salmon escapements in the Alitak and Eastside Kodiak districts exceeded minimum escapement goals (Nelson et al. 2005; Table 2). The Northwest, Southwest, Northeast, and Mainland district chum salmon escapements did not achieve minimum escapement goals (Table 2).

## **OTHER KODIAK MANAGEMENT AREA SALMON HARVESTS**

### **SUBSISTENCE SALMON FISHERY**

Subsistence salmon permits, available only to Alaska residents, are issued annually to obtain harvest data. Since 1989, Kodiak ADF&G staff have mailed out permits, regulations, and a map showing closed water areas to eligible residents. Subsistence fishers are requested 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 (ADF&G 2005b). 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 (5 AAC 01.525, 2005).

The 2005 subsistence harvest data were not yet summarized at the time this report was drafted; however, most (92%) of the 2004 subsistence permits have been returned and summarized. In 2004, the reported subsistence harvest was 38,403 salmon. Subsistence fishers reported harvesting 379 Chinook, 30,503 sockeye, 5,857 coho, 1,403 pink and 261 chum salmon (Table 14). The most utilized subsistence fishery areas include the north end of Kodiak Island, the Buskin and Pasagshak rivers, and the southeast side of Afognak Island at Litnik (Figure 2). Reported subsistence salmon harvests averaged 36,837 fish annually for the 10-year period 1995-2004 (Table 14). Sockeye salmon have accounted for 79% of the recent 10-year average harvest (29,007), followed by coho salmon at 16% (5,784), pink salmon at 4% (1,348), and both chum (331), and Chinook salmon (366) at close to 1%.

For the first time since 2001, the Afognak Lake sockeye salmon run was strong enough to allow a subsistence harvest. For the three previous years there was a joint effort with Kodiak ADF&G and United States Fish and Wildlife Service (USFWS) to close subsistence fishing by emergency order due to weak runs and lack of escapement.

### **RETENTION OF SALMON TAKEN IN COMMERCIAL FISHERIES**

In 1994 the BOF readopted Alaska Statute 5 AAC 39.010, which allows 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), 2005). In 1997, 10 permit holders reported 784 salmon retained for their own use (Table 15). This use increased dramatically in 2003, when 36 permit holders retained 24,985 salmon (Table 15). 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, the BOF discussed this issue in December of 2003. The original regulation (5 AAC 18.355(b), 2000) was rewritten to clarify the intent and to reiterate the unlawful practice of selling commercially retained salmon without appropriate permits. The board also placed the regulation under General Provisions in commercial salmon regulation books to more closely match the user group. The regulation was numbered 5 AAC 39.010 and reads as follows: “*A person engaged in commercial fishing may retain finfish from lawfully taken*

*commercial catch for that person's own use, which includes, use for bait in a commercial fishery, unless otherwise prohibited by regulation or statute. Fish retained under this section may not be sold or used for barter.”*

In 2005, sixteen permit holders reported retaining 9,693 salmon from their commercial harvest for personal use. This included 54 Chinook, 4,432 sockeye, 811 coho, 4,385 pink and 11 chum salmon (Table 15). This represents a significant increase from the amount retained in 2004.

## **SALMON SPORT FISHERY**

Since the early 1980s recreational and commercial sport fishing activities have increased, particularly in the more remote areas of the KMA (Schwarz et al. *in prep*; Table 16). Commercial sport activity includes lodge operations, charter vessels, guiding, and directed air charter flights. Many charter boat operations are based out of the City of Kodiak, and the number of charter boat operations has been increasing. Remote lodges are currently being operated at Karluk Lagoon, Ayakulik River, Olga Bay, Larsen Bay, Old Harbor, Saltery Lake, Port Lions, Port Bailey, Raspberry Strait, Seal Bay, Port Williams, Zachar Bay, Uyak Bay, Ugak Bay, Uganik Bay, and Kukak Bay. Floating cabins are located in Karluk Lagoon and Paramanof Bay. Air charter operations from Kodiak and Homer bring sport fishers to KMA streams, as do aircraft from sport fishing lodges in Bristol Bay, the Alaska Peninsula, and the Kenai Peninsula. Fly-in sport fishing areas include virtually all KMA Chinook and sockeye salmon systems, and most major coho salmon systems.

The ADF&G Sport Fish Division manages sport fishing activities. The KMA sport fishery salmon harvest is estimated by an annual Sport Fish Division statewide mail-out survey. The sport fish harvest statistics are compiled by sport fish regulatory area, which do not correspond to commercial fishery area boundaries. Kodiak Archipelago sport fishery statistics are compiled, but the fisheries that occur in the Mainland District are combined with north and south Alaska Peninsula and Aleutian Island area statistics. Table 16 depicts estimated sport fishery salmon harvests from 1977 to 2004. The estimated sport fish harvest in 2004 in the Kodiak Archipelago was 11,263 Chinook, 7,884 sockeye, 46,101 coho, 7,476 pink and 599 chum salmon. The 2005 survey data are still being collected and are not available.

## **REFERENCES CITED**

- ADF&G (Alaska Department of Fish and Game). 1993. An atlas to the catalog of waters important for spawning, rearing, or migration of anadromous fishes; Southwestern Region, Resource Management Region III. Alaska Department of Fish and Game, Division of Habitat, Anchorage. Revised Feb. 11, 1993.
- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Salmon fishing in the Kodiak and Chignik Areas, 2005-2008. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.
- Barrett, B.M. and C.O. Swanton. 1992. Estimation of the major sockeye salmon stocks contributing to the North Shelikof Strait Fishery of July 6-25, 1988-1992. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K92-43, Kodiak.
- Barrett, B.M. and P.A. Nelson. 1994. Estimated run timing of selected sockeye salmon stocks on the west and east sides of Kodiak Island. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K94-6, Kodiak.
- Bevan, D.E. 1959. Tagging experiments in the Kodiak Island area with reference to the estimation of salmon (*Oncorhynchus*) populations. Ph.D. Thesis, University of Washington, Seattle.
- Bowe, W.T. 1941. Alaska fishery and fur-seal industries in 1938. U.S. Bureau of Fisheries, Report for 1939, Admin. Report 36, Washington, D.C.

- Brennan, K., J. Wadle, and D. Gretsche. 2005. Kodiak Management Area harvest strategy for the 2005 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-32, Kodiak.
- Clark, R.A. and P.A. Nelson. 2001. Assessment of harvest of Cook Inlet-origin Chinook salmon on commercial fisheries in the Kodiak Management Area, 1997-1999. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K01-38, Kodiak.
- CFEC (Commercial Fisheries Entry Commission). 2005. Summary Information and Reports; Permit Status Reports for 2005. Commercial Fisheries Entry Commission web site reports, December 2004. <http://www.cfec.state.ak.us/pstatus/14052004.HTM> Accessed January 2006.
- Eggers D.M. 2005. Run forecasts and harvest projections for 2005 Alaska salmon fisheries and review of the 2004 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Special Publication 05-01, Anchorage.
- Eggers, D.M., K. Rowell, and B. Barrett. 1987. South Peninsula tagging study. Alaska Department of Fish and Game, Division of Commercial Fisheries, Box 3-2000, Juneau.
- Foster M.B. 2004. Alitak Bay test fishery research summary 1999-2002. Alaska Department of Fish and Game, Division of Commercial Fisheries, Public memorandum, Kodiak.
- Honnold, S.G. and A.W. Aro. 2005. Kitoi Bay Hatchery annual management plan, 2005. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-42, Kodiak.
- Honnold, S.G. and G. Byrne. 2005. Pillar Creek Hatchery annual management plan, 2005. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-45, Kodiak.
- Honnold, S.G., and S.T. Schrof. 2001. A summary of salmon enhancement and restoration in the Kodiak Management Area through 2001: a report to the Alaska Board of Fisheries. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K01-65, Kodiak.
- Kodiak Regional Planning Team (KRPT). 1992. Kodiak regional comprehensive salmon plan, 1982-2002; Phase II Revision. Alaska Department of Fish and Game, Office of the Commissioner, Juneau.
- Nelson P.A., M.J. Witteveen, S.G. Honnold, I. Vining and J.J. Hasbrouck. 2005. Review of salmon escapement goals in the Kodiak Management area. Alaska Department of Fish and Game, Fishery Manuscript No. 05-05, Anchorage.
- Nicholson, L.D. 1978. A summary of all known red salmon (*Oncorhynchus nerka*) tagging conducted on Kodiak Island, Alaska. Alaska Department of Fish and Game, Division of Commercial Fisheries, Unpublished Report, Kodiak.
- Noerenberg, W.H. and T.P. Calkins. 1959. Salmon tagging in Cook Inlet and Prince William Sound, Final Report for the year, May 1, 1958 to April 30, 1959. University of Washington, Fisheries Research Institute, Periodic Report No. 3.
- Rich, W.H. and F.G. Morton. 1929. Salmon tagging experiments in Alaska, 1927 and 1928. U.S. Bureau of Fisheries, Bulletin 45:1-23, Washington D.C.
- Rickey R. A., C. J. Stovall, H. Z. Hansen. 1975. Annual Report Commercial Fisheries Entry Commission. Alaska Commercial Entry Commission, Juneau.
- Roppel, P., 1986. Salmon from Kodiak: a history of the salmon fishery of Kodiak Island, Alaska. Alaska Historic Commission, Studies in History No. 216. Anchorage.
- Schwarz, L., D. Tracy, and S. Schmidt. *In prep.* Report to the Alaska Board of Fisheries, January 2005 meeting; an overview of the Kodiak Regulatory Area sport fisheries with an emphasis on background for proposal consideration. Alaska Department of Fish and Game, Division of Sport Fish, Anchorage.
- Simon, R.J., J. Lechner, M.F. Eaton, and P.B. Jackson. 1969. Kodiak Management Area annual report, 1969. State of Alaska, Division of Commercial Fisheries, Region IV Report (unpublished), Kodiak.
- Spalinger, G. 2006. Kodiak Area Management salmon escapement cumulative counts, 1996-2005. Alaska Department of Fish and Game, Fisheries Management Report No. 06-06, Kodiak.

- Swanton, C.O. and P.A. Nelson. 1994. Contribution of Karluk and Upper Station late run sockeye salmon to the Sitkalidak, Alinchak, and Katmai Section July fisheries, 1992-1993. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K94-3, Kodiak.
- Tyler, R.W., L. Malloy, D. Prokopowich, and K. Manthey. 1986. Migration of sockeye salmon in the Kodiak Archipelago, 1981. State of Alaska, Division of Commercial Fisheries, Finfish Data Report No. 1-85, Kodiak.
- Vining, I. and B. Barrett. 1994. The use of average weight to estimate the amount of interception of non-local sockeye within the Kodiak Management Area. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K94-5, Kodiak.



## **TABLES AND FIGURES**

**Table 1.**-Estimated number of anadromous streams with significant salmon production by district, and species, in the Kodiak Management Area.

Management District	Number of Streams <sup>a</sup>	Number of Streams with Each Species <sup>b</sup>				
		Chinook	Sockeye	Coho	Pink	Chum
Afognak	102	0	13	48	102	5
Northwest Kodiak	63	0	4	22	63	23
Southwest Kodiak	11	2	2	10	11	6
Alitak	30	1	5	15	30	14
Eastside Kodiak	116	1	8	32	116	47
Northeast Kodiak	26	0	1	20	26	9
Mainland	92	0	6	27	92	46
<b>TOTAL</b>	<b>440</b>	<b>4</b>	<b>39</b>	<b>174</b>	<b>440</b>	<b>150</b>

<sup>a</sup> The State of Alaska's Habitat Division identified over 800 streams in the Kodiak Management Area that have documented use by anadromous fish (ADF&G 1993). Many of these streams are very small and may only be used by pink salmon in years with very large returns. The streams identified in this table are depicted on the Kodiak Area Salmon Statistical Map (Revised May 2003), and have documented annual use.

<sup>b</sup> These estimates are based on current knowledge and are expected to change as more system specific data are collected.

**Table 2.-**Comparison of 2005 salmon peak escapements and escapement goals of index streams, by species, in the Kodiak Management Area.

<i>Species</i>	System (or group of systems)	Stream Number	Escapement Goal		2005 Peak Escapement
			Lower	Upper	
<i>Chinook</i>					
	Karluk	255-101	3,600	7,300	4,798
	Ayakulik	256-201	4,800	9,600	8,340
<i>Sockeye</i>					
	Malina	251-105	1,000	10,000	1,000
	Pauls	251-831	10,000	30,000	700
	Afognak	252-342	20,000	50,000	21,557
	Karluk	255-101			
		Early run	100,000	210,000	268,301
		Late run	170,000	380,000	513,661
	Ayakulik	256-201	200,000	500,000	251,906
	Upper Station	257-304			
		Early run	30,000	65,000	60,349
		Late run	120,000	265,000	156,401
	Frazer	257-403	70,000	150,000	136,948
	Buskin	259-211	8,000	13,000	15,468
	Pasagshak	259-411	3,000	12,000	22,000
	Saltery	259-415	15,000	30,000	28,500
<i>Coho</i>					
	Buskin	259-211	3,200	7,200	10,976
	American	259-231	400	900	339
	Olds (Sid Olds)	259-242	1,000	2,200	2,495
	Pasagshak	259-411	1,200	3,300	3,773
<i>Pink</i>					
	index streams of the Mainland District		250,000	750,000	226,450
	index streams of the Kodiak Archipelago		2,000,000	5,000,000	3,688,158
<i>Chum</i>					
	index streams of the N.W. Kodiak District		53,000		49,650
	index streams of the S.W. Kodiak District		7,300		2,561
	index streams of the Alitak District		28,000		60,388
	index streams of the Eastside Kodiak District		50,000		86,400
	index streams of the N.E. Kodiak District		9,000		7,756
	index streams of the Mainland District		153,000		37,500

**Table 3.-**Estimated commercial harvest of salmon from Kodiak Regional Aquaculture Association projects in the Kodiak Management Area, 1994-2005.

Year	Number of Salmon <sup>a</sup>				
	Sockeye	Coho	Pink	Chum	Total
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	215,512	152,487	13,608,087	91,814	14,067,900
<hr/>					
<u>Average</u>					
1995-2004	398,001	124,152	5,002,094	173,417	5,697,665

Source: Honnold and Schrof (2001) and ADF&G fish ticket summaries.

<sup>a</sup> Includes harvests from fisheries targeting returns to the Kitoi Bay Hatchery and Special Harvest Areas (SHAs). The Kitoi Bay Hatchery harvests are from the Izhut Bay, Duck Bay, and Kitoi Bay Sections (statistical areas 252-30 to -32). 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 Settlers Cove SHA (259-35). Also includes fish set aside for personal use during commercial harvest.

**Table 4.-Commercial salmon harvest by species in the Kodiak Management Area, 1882-2005.**

Year	Number of Salmon					Total <sup>b</sup>
	Chinook <sup>b</sup>	Sockeye <sup>b</sup>	Coho <sup>b</sup>	Pink <sup>b</sup>	Chum <sup>b</sup>	
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	2,673,675	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

-continued-

Table 4.-Page 2 of 3.

Year	Number of Salmon					
	Chinook	Sockeye	Coho	Pink	Chum	Total
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	6,737,817	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	2,942,801	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

-continued-

Table 4.-Page 3 of 3.

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
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
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 <sup>a</sup>	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
<hr/>						
<u>Averages<sup>a</sup></u>						
1995-2004	18,896	3,582,933	367,913	17,466,052	898,856	22,334,651
Even Years, 1996-2004				15,049,046		
Odd Years, 1995-2003				19,883,058		
1882-2005	4,888	1,826,247	126,567	7,606,350	607,635	9,671,157
1948-2005	7,439	1,641,766	155,185	9,994,880	798,085	12,597,354
Even Years, 1948-2004				10,455,797		
Odd Years, 1949-2005				11,053,909		

Source: 1882-1947 data are from processors case pack information. 1948-2005 data are from ADF&G fish ticket summaries and are considered more accurate than previous data.

<sup>a</sup> Averages do not include 1989. Commercial fisheries were severely limited due to the M/V Exxon Valdez oil spill.

<sup>b</sup> Harvest numbers do not include subsistence or test fishery catches or commercially caught fish retained for personal use.

**Table 5.-**Summary of limited entry permit activity in the commercial salmon fishery, by gear type, in the Kodiak Management Area, 1975-2005.

Year	Purse Seine		Beach Seine		Set Gillnet		Total		
	Available	Fished	Available	Fished	Available	Fished	Available	Fished	Percent
1975	468	280	26	8	229	116	723	404	56
1976	394	325	23	17	187	140	604	482	80
1977	378	336	32	24	186	147	596	507	85
1978	389	372	34	29	188	160	611	561	92
1979	387	362	34	28	186	164	607	554	91
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	297	35	18	188	173	609	488	80
1988	387	323	35	21	188	179	610	523	86
1989 <sup>a</sup>	387	7	35	0	189	86	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	384	223	36	2	188	173	608	398	65
2001	385	182	36	0	184	172	605	354	59
2002	384	149	36	0	188	93	608	242	40
2003	384	145	36	0	188	160	608	305	50
2004	384	141	36	0	188	164	608	305	50
2005	384	136	36	0	188	165	608	301	50
<b>Average - Previous 10 Years:</b>									
1995-2004	384	211	36	3	188	163	608	376	62
<b>Average - Previous Decades:</b>									
1990-1999	386	292	36	9	189	176	611	476	75
1980-1988	385	317	35	24	188	172	608	513	85
1975-1979	403	335	30	21	195	145	628	502	81
<b>Average<sup>a</sup> - Overall</b>									
1975-2005	388	281	35	14	189	165	612	460	75

Source: Commercial Fisheries Entry Commission Summary Information and Reports (CFEC 2005) and ADF&G fish ticket summaries.

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

**Table 6.-**Fish weir installation and removal dates and salmon escapements for systems with weirs in the Kodiak Management Area, 2005.

Weir Locations	Dates		Species <sup>a</sup>					Totals
	Installed	Removed	Chinook	Sockeye	Coho	Pink	Chum	
Karluk River	5/27	9/24	4,798	781,962	11,972	234,281	28	1,033,041
Ayakulik River	5/19	9/5	8,340	251,906	16,584	41,597	33	318,460
Dog Salmon River	5/27	8/22	335	152,959	36	30,314	3,185	186,829
Frazer Lake fish pass <sup>b</sup>	6/3	8/11	156	136,948	0	2	0	137,106
Upper Station	5/21	9/14	0	216,750	4,951	4,692	3	226,396
Buskin River	5/17	10/5	0	15,468	16,596	242,563	56	274,683
Lake Louise	6/4	8/31	0	2,028	8	819	0	2,855
Afognak River-Litnik	5/15	8/19	2	21,577	415	41,594	0	63,588
Malina	5/15	6/25	0	3,180	2	0	0	3,182
<b>Totals</b>			13,475	1,445,830	50,564	595,860	3,305	2,109,034

<sup>a</sup> Counts include post weir estimates after weirs were removed.

<sup>b</sup> Fish counted at the Frazer Lake fish pass were initially counted at the Dog Salmon weirs and are not included in totals.

**Table 7.-Indexed salmon escapements, by species, in the Kodiak Management Area, 1975-2005.**

Year	Number of Salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1975	3,059	704,801	29,634	1,100,555	156,761	1,994,810
1976	8,413	1,075,226	36,083	3,105,320	312,914	4,537,956
1977	13,804	1,269,374	59,095	2,212,488	742,384	4,297,145
1978	14,677	1,000,353	37,479	5,006,273	482,956	6,541,738
1979	14,445	1,410,800	93,940	3,067,647	607,430	5,194,262
1980	5,853	1,831,748	27,290	6,492,822	830,070	9,187,783
1981	15,657	1,391,593	58,729	3,188,869	741,981	5,396,829
1982	10,773	1,603,692	86,402	5,370,049	1,023,923	8,094,839
1983	27,445	1,304,233	101,950	2,090,104	824,754	4,348,486
1984	14,411	1,467,730	123,779	4,520,344	682,936	6,809,200
1985	13,877	2,554,067	191,406	3,204,316	723,390	6,687,056
1986	11,046	2,001,279	170,000	4,068,615	655,817	6,906,757
1987	23,744	1,551,543	153,000	2,978,510	641,579	5,348,376
1988	35,152	1,661,532	96,140	3,236,931	558,531	5,588,286
1989 <sup>a</sup>	26,131	3,022,886	166,622	14,642,587	1,432,609	19,290,835
1990	25,972	2,006,241	151,420	6,024,900	474,620	8,683,153
1991	27,306	2,515,659	259,850	4,317,610	934,336	8,054,761
1992	19,013	1,968,058	289,592	3,515,624	530,128	6,322,415
1993	22,113	1,705,440	159,996	4,291,581	234,381	6,413,511
1994	21,591	2,041,511	206,418	3,994,020	545,391	6,808,931
1995	30,843	1,840,112	231,175	10,498,232	469,856	13,070,218
1996	21,089	1,813,256	189,618	3,351,011	394,784	5,769,758
1997	28,534	1,787,611	225,938	3,217,075	454,980	5,714,138
1998	24,654	1,775,759	234,734	7,088,975	374,456	9,498,578
1999	26,872	2,119,169	133,398	4,081,686	882,257	7,243,382
2000	31,400	1,599,000	124,200	4,501,800	908,900	7,165,300
2001	18,753	1,580,660	244,360	3,393,620	557,925	5,795,318
2002	20,115	1,621,090	168,271	8,396,402	530,591	10,736,469
2003	25,538	2,220,092	122,824	5,096,962	380,523	7,845,939
2004	32,939	1,836,091	71,456	8,786,518	533,091	11,260,095
2005	13,488	1,529,881	107,764	3,956,208	244,255	5,851,596
<u>Average - Previous 10 Years:</u>						
1995-2004	26,074	1,819,284	174,597	5,841,228	548,736	8,409,920
Odd Years Only				5,257,515		
Even Years Only				6,424,941		
<u>Average - Previous Decades:</u>						
1990-1999	24,799	1,957,282	208,214	5,038,071	529,519	7,757,885
1980-1989	18,409	1,839,030	117,532	4,979,315	811,559	7,765,845
1975-1979	10,880	1,092,111	51,246	2,898,457	460,489	4,513,182
<u>Average - Overall</u>						
1975-2005	20,281	1,735,822	140,405	4,799,924	608,662	7,305,094

Note: Data includes peak counts from aerial and foot surveys, plus end of season totals from weired systems.

<sup>a</sup> Commercial fisheries were severely restricted in 1989 due to the M/V Exxon Valdez oil spill.

**Table 8.-**Alaska Board of Fisheries approved salmon management plans for the Kodiak Management Area, 2005.

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	6/5 - 10/31
Westside Kodiak	1990	NW Kodiak District SW Kodiak District SW Afognak Section	6/9 - 10/31
North Shelikof Strait Sockeye	1990	SW Afognak Section NW Afognak Section Shuyak Island Section Big River Section Hallo 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	1993	Special Harvest Area in Spiridon Bay Section	6/9 - 10/31
Eastside Afognak	1993	Southeast Afognak Section Kitoi Bay Section Izhut Bay Section Duck Bay Section Raspberry Strait Section	6/9 - 10/31
North Afognak/Shuyak	1995	NE Afognak Section Perenosa Bay Section Pauls Bay Section Shuyak Island Section NW Afognak Section	6/1 - 10/31
Eastside Kodiak	1995	Eastside Kodiak District NE Kodiak District  Perenosa Bay Section Shuyak Island Section NW Afognak Section	6/14 - 10/31
Mainland District	1999	Mainland District	6/14 - 10/31

**Table 9.-**Projected versus actual 2005 commercial salmon harvest, by species and fishery, for the Kodiak Management Area.

	Chinook	Sockeye	Coho	Pink	Chum	Total
Projected Harvest 2005 <sup>a</sup>	20,000	2,611,000	526,200	18,185,100	1,169,600	22,511,900
Actual Harvest 2005 <sup>a</sup>	14,411	3,047,004	396,030	30,139,254	477,416	34,074,115

FISHERY	2005 Harvest	
	Projection <sup>b</sup>	Actual <sup>c</sup>
Early Sockeye Salmon Fisheries (6/1-7/15)		
Kitoi Bay Hatchery <sup>d</sup>	4,200	11,247
Cape Igvak <sup>e</sup>	248,300	304,809
Karluk <sup>f</sup>	404,000	674,427
Ayakulik <sup>g</sup>	120,700	0
Alitak Bay District <sup>h</sup>	375,000	459,943
Minor Systems <sup>i</sup>	41,700	42,118
Minor Enhancement <sup>j</sup>	38,100	25,713
Spiridon <sup>k</sup>	69,500	33,457
Other	115,500	155,203
Subtotal	1,417,000	1,706,917
Late Sockeye Salmon Fisheries (7/16-10/31)		
Kitoi Bay Hatchery <sup>d</sup>	2,800	33,458
Cape Igvak <sup>e</sup>	37,800	0
Karluk <sup>f</sup>	581,000	781,824
Ayakulik <sup>g</sup>	21,300	1,360
Alitak Bay District <sup>h</sup>	456,000	317,824
Minor Systems <sup>i</sup>	11,200	5,361
Spiridon <sup>k</sup>	34,200	22,540
Other	49,700	177,720
Subtotal	1,194,000	1,340,087
TOTAL SOCKEYE	2,611,000	3,047,004
Pink Salmon Fisheries		
Kitoi Bay Hatchery <sup>d</sup>	10,185,100	13,603,742
Afognak (Wild) <sup>l</sup>	700,000	557,839
Westside Kodiak <sup>m</sup>	3,200,000	5,325,296
Alitak <sup>n</sup>	2,000,000	4,192,842
Eastside/Northend Kodiak <sup>o</sup>	1,600,000	5,985,723
Mainland <sup>p</sup>	500,000	473,812
Subtotal	18,185,100	30,139,254

-continued-

**Table 9.-Page 2 of 3.**

Fishery	2005 Harvest	
	Projection <sup>b</sup>	Actual <sup>c</sup>
<b>Chum Salmon Fisheries</b>		
Kitoi Bay Hatchery <sup>d</sup>	247,600	91,814
Afognak (Wild) <sup>l</sup>	73,800	12,600
Westside Kodiak <sup>m</sup>	507,100	201,067
Alitak <sup>n</sup>	46,100	22,839
Eastside/Northend Kodiak <sup>o</sup>	138,300	99,194
Mainland <sup>p</sup>	156,700	49,902
Subtotal	1,169,600	477,416
<b>Coho Salmon Fisheries</b>		
Kitoi Bay Hatchery <sup>d</sup>	152,200	151,729
Afognak (Wild) <sup>l</sup>	74,800	5,737
Westside Kodiak <sup>m</sup>	205,700	167,980
Alitak <sup>n</sup>	18,700	6,977
Eastside/Northend Kodiak <sup>o</sup>	56,100	52,644
Mainland <sup>p</sup>	18,700	10,963
Subtotal	526,200	396,030
<b>Grand Total <sup>q</sup></b>	<b>22,511,900</b>	<b>34,074,115</b>

<sup>a</sup> In number of salmon (rounded to nearest hundred). Does not include subsistence, sport, personal use, or ADF&G test fish harvests.

<sup>b</sup> Projected harvests for enhanced and major sockeye systems are based on formal forecasts for those individual stocks (total run minus escapement and the projected harvest from minor sockeye systems and other salmon species are based on less formal escapement to return relationships).

<sup>c</sup> Actual harvest is the number taken in a particular geographic area, not the catch assigned to an individual salmon stock.

<sup>d</sup> From the Duck Bay, Izhut Bay, and Inner and Outer Kitoi Bay sections only. Additional salmon, likely bound for Kitoi Bay Hatchery, are harvested in parts of the Southeast Afognak and Northeast Afognak sections (252-33, 252-10 and 252-20).

<sup>e</sup> From the Cape Igvak Section. Early run is from the beginning of the season through June 26. Late run is from July 8 through 25.

<sup>f</sup> From the Southwest Afognak Section, Northwest Kodiak District (except for Spiridon and Settler Cove Terminal Harvest Areas), Inner and Outer Karluk sections, plus 50% of Halibut Bay Section from June 21 through July 15 and 100% after July 31.

<sup>g</sup> 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.

<sup>h</sup> From the Alitak Bay District. Frazer and Upper Station harvest estimates are based on initial run and fishery timing and stock separation.

-continued-

**Table 9.-Page 3 of 3.**

---

- <sup>i</sup> From minor systems at Inner and Outer Ugak Bay (Saltery), Buskin River, Perenos Bay (Portage), Northwest Afognak (Thorsheim & Long Lagoon), Big River (Swishak), and Outer Kukak Bay (Kaflia & Kuliuk ) sections.
  - <sup>j</sup> From the Foul Bay, Waterfall Bay, and Settler Cove Special Harvest Areas. Enhancement project sockeye salmon production is expected from is expected from the Malina and Laura Lakes (Pauls Bay) systems, but is mixed with wild stock production from these minor systems.
  - <sup>k</sup> From the Spiridon Lake Special Harvest Area (Telrod Cove), plus an estimate of Spiridon-bound sockeye taken in adjacent areas.
  - <sup>l</sup> From the Afognak District except the Duck, Izhut, and Inner and Outer Kitoi Bay sections.
  - <sup>m</sup> From the Southwest Kodiak District (256- and 255-) and the Northwest Kodiak District (254- and 253-) except for the North Cape, Anton Larson, Sharatin, and Kizhuyak sections and part of the Central Section (259-35 to 259-39).
  - <sup>n</sup> From the Alitak District.
  - <sup>o</sup> From the Eastside Kodiak District (258-, and 259-40 to 259-42), Northeast Kodiak District (259-21 to 259-25), and the North Cape, Anton Larson, Sharatin and Kizhuyak sections, plus part of the Central Section (259-35 to 259-39)
  - <sup>p</sup> From the Mainland District.
  - <sup>q</sup> Includes the projected 2005 harvest of 20,000 Chinook salmon, the actual harvest of 14,400 Chinook salmon.
-

**Table 10.-**Preliminary commercial harvest and forecasts of salmon available for harvest from Kodiak Regional Aquaculture Association stocking projects in the Kodiak Management area, 2005.

System	Species	Forecast			Expected Harvest	Estimated Harvest <sup>a</sup>	Statistical Areas
		Estimate	Low	High			
Spiridon Lake <sup>b,c</sup>	sockeye	103,662	61,330	144,660	103,662	145,107	254-50 & Other
Hidden Lake <sup>b</sup>	sockeye	13,557	5,300	29,410	13,557	7,401	251-41
The Waterfall Lakes <sup>b,d</sup>	sockeye	22,511	14,001	40,355	22,511	18,188	251-84
Crescent Lake <sup>b</sup>	sockeye	2,055	453	8,768	2,055	0	259-35
	coho	3,288	2,500	4,100	3,288	0	259-35
Kitoi Bay Area <sup>e</sup>	sockeye <sup>f</sup>	8,800	5,900	11,700	8,800	44,816	252-30, 252-31, 252-32, 252-35
	coho	158,154	140,300	186,957	152,154	152,487	252-30, 252-31, 252-32, 252-35
	pink	10,520,129	8,011,815	11,614,392	10,185,129	13,608,087	252-30, 252-31, 252-32, 252-35
	chum	277,599	196,757	339,015	247,599	91,814	252-30, 252-31, 252-32, 252-35
Totals:	sockeye	150,585	86,984	234,893	150,585	215,512	
	coho	161,442	142,800	191,057	155,442	152,487	
	pink	10,520,129	8,011,815	11,614,392	10,185,129	13,608,087	
	chum	277,599	196,757	339,015	247,599	91,814	

<sup>a</sup> Actual harvests include commercial and personal use harvest data obtained from the ADF&G fish ticket data base, subsistence data are not included.

<sup>b</sup> Barrired systems and/or with Special Harvest Areas.

<sup>c</sup> Spiridon Lake SHA harvest was 59,494 sockeye salmon; the remaining 59% of the Spiridon Lake salmon were harvested in other net fisheries along the westside of the Kodiak Management Area.

<sup>d</sup> Estimated harvest of Little and Big Waterfall Lakes sockeye salmon are combined.

<sup>e</sup> Pink, chum, coho salmon forecast estimates include broodstock needed for the Kitoi Hatchery program.

<sup>f</sup> From Little Kitoi Lake stocking.

**Table 11.**-Commercial salmon buyers active in the Kodiak Management Area, by geographic area and type, 2005.

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					
Alaska Fresh Seafoods	X					
Deep Creek Custom Packing			X			
Ocean Beauty Seafoods Kodiak	X					
Global Seafoods	X					
Ocean Beauty Seafoods Alitak		X				
Kodiak Salmon Packers		X				
Plitt Company			X			
David Loutrel F/V Miss Maliss				X		
Fields & Sons					X	
Family Pride Inc. F/V Family Pride				X		
Richard Blanc					X	
Bob Bohay M/V Moon Dance				X		
Island Seafoods	X					
Charles McWethy F/V Fiona				X		
Alchemist Inc. F/V Alchemist				X		
Aeronautical Mark Patterson				X		
William Pierszalowski F/V Shawnee				X		
Bradley Underwood					X	
Mark Gladu F/V Salmon Bay				X		
Robert Funkhouser F/V Scirroco				X		
Barry Rosenkranz F/V Summer Gale				X		
Totals	7	2	3	10	3	0

**Table 12.-Commercial salmon harvest and value, by gear and species, in the Kodiak Management Area, 2005.**

	Chinook		Sockeye		Coho		Pink		Chum		All salmon	
	Number	%	Number	%								
<b>Purse Seine</b>												
Total # <sup>a</sup>	11,122	77.2	1,697,637	55.7	271,767	68.6	28,472,437	94.5	338,949	71.0	30,792,208	90.4
<u>Avg. Wt.</u>	<u>12.13</u>		<u>5.51</u>		<u>7.88</u>		<u>3.36</u>		<u>9.10</u>			
Total Lbs. <sup>a</sup>	134,858	80.1	9,358,061	56.0	2,142,633	68.7	95,682,438	93.6	3,085,653	74.2	110,403,941	87.4
<u>Avg. \$/Lb.</u> <sup>b</sup>	<u>0.86</u>		<u>\$0.69</u>		<u>\$0.37</u>		<u>\$0.11</u>		<u>\$0.20</u>			
Exvessel \$	\$115,978	81.1	\$6,457,062	55.2	\$792,774	70.6	\$10,525,068	93.6	\$617,131	82.4	\$18,508,313	74.1
# of Permits =	136											
Average Value \$	\$853		\$47,478		\$5,829		\$77,390		\$4,538		\$136,091	
Percent %	0.6		34.9		4.3		56.9		3.3		100.0	
<b>Set Gillnet</b>												
Total # <sup>a</sup>	3,289	22.8	1,349,505	44.3	124,263	31.4	1,666,997	5.5	138,467	29.0	3,282,625	9.6
<u>Avg. Wt.</u>	<u>10.18</u>		<u>5.45</u>		<u>7.87</u>		<u>3.92</u>		<u>7.75</u>			
Total Lbs. <sup>a</sup>	33,478	19.9	7,356,637	44.0	977,563	31.3	6,534,584	6.4	1,073,174	25.8	15,975,538	12.6
<u>Avg. \$/Lb.</u> <sup>b</sup>	<u>\$0.79</u>		<u>\$0.72</u>		<u>\$0.48</u>		<u>\$0.10</u>		<u>\$0.17</u>			
Exvessel \$	\$26,448	18.5	\$5,296,779	45.3	\$469,230	41.8	\$653,458	5.8	\$182,440	24.4	\$6,628,466	26.6
# of Permits =	165											
Average Value \$	\$160		\$32,102		\$2,844		\$3,960		\$1,106		\$40,173	
Percent %	0.4		79.9		7.1		9.9		2.8		100.0	
<b>ADF&amp;G Test Fishery</b>												
Total # <sup>a</sup>	0	0.0	612	0.0	0	0.0	8	0.0	8	0.0	628	0.0
<u>Avg. Wt.</u>	<u>0.00</u>		<u>5.33</u>		<u>0.00</u>		<u>4.00</u>		<u>7.38</u>			
Total Lbs. <sup>a</sup>	0	0.0	3,262	0.0	0	0.0	32	0.0	59	0.0	59	0.0
<u>Avg. \$/Lb.</u> <sup>b</sup>	<u>\$0.00</u>		<u>\$0.72</u>		<u>\$0.00</u>		<u>\$0.10</u>		<u>\$0.17</u>			
Exvessel \$	\$0		\$2,349		\$0		\$3	0.0	\$10		\$2,362	0.0
<b>Total All Gear</b>												
Total # <sup>a</sup>	14,411		3,047,754		396,030		30,139,442		477,424		34,075,461	100.0
<u>Avg. Wt.</u>	<u>11.68</u>		<u>5.49</u>		<u>7.88</u>		<u>3.39</u>		<u>8.71</u>			
Total Lbs. <sup>a</sup>	168,336		16,717,960		3,120,196		102,217,054		4,158,886		126,379,538	100.0
<u>Avg. \$/Lb.</u> <sup>b</sup>	<u>\$0.85</u>		<u>\$0.70</u>		<u>\$0.36</u>		<u>\$0.11</u>		<u>\$0.18</u>			
Exvessel \$	\$143,086		\$11,702,572		\$1,123,271		\$11,243,876		\$748,599		\$24,961,404	100.0
% of Total Value	0.6		46.9		4.5		45.0		3.0		100.0	

<sup>a</sup> Numbers and pounds of fish are derived from ADF&G fish ticket summaries. There were 13,719 fish tickets generated in 2005; each ticket represents a landing. Each gear type had the following landings: Purse Seine – 5,706; Beach Seine - 0; Set Gillnet - 7,988; and Test Fishery - 17. Numbers do not include commercially harvested salmon retained but not sold, subsistence, or sport fishery harvests.

<sup>b</sup> Average price per pound figures are based on fish ticket information. Some fish ticket may not show price per pound figures. These average prices may not reflect payments made to fishers for refrigerated or iced fish, dock deliveries, or postseason settlements.

**Table 13.-**Estimated commercial salmon harvest and value, by gear type, in the Kodiak Management Area, 1970-2005.

Year	Total Catch <sup>a</sup>	Total Value <sup>b</sup>	Average Exvessel Value		
			Purse Seine	Gillnet	Beach Seine
1970	13,949,206	\$21,658,000	\$41,880	\$21,083	\$10,470
1971	6,378,179	\$4,973,000	\$13,397	\$3,015	\$2,919
1972	3,883,197	\$3,909,000	\$9,233	\$1,451	\$647
1973	1,001,343	\$2,094,000	\$5,075	\$852	\$251
1974	3,329,427	\$4,808,000	\$15,993	\$4,828	\$4,406
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 <sup>c</sup>	26,455,944	\$61,046,024	\$146,502	\$72,955	\$28,288
1990	12,122,389	\$52,611,882	\$113,302	\$66,715	\$10,424
1991	23,723,008	\$37,019,293	\$77,511	\$53,817	\$5,257
1992	8,462,464	\$40,498,352	\$98,379	\$41,984	\$5,436
1993	39,341,025	\$38,554,977	\$94,927	\$43,889	\$8,230
1994	12,098,324	\$27,103,339	\$67,545	\$46,189	\$9,392
1995	49,187,163	\$53,921,533	\$135,769	\$66,165	\$14,388
1996	9,215,978	\$27,627,620	\$71,080	\$52,632	\$2,954
1997	14,460,978	\$21,017,587	\$54,940	\$38,135	\$8,419
1998	26,444,750	\$34,797,884	\$119,346	\$52,048	\$3,649
1999	17,780,488	\$34,090,487	\$108,951	\$57,744	\$7,342
2000	14,373,531	\$23,096,064	\$74,618	\$36,711	\$15,251
2001	23,711,870	\$22,134,956	\$93,727	\$29,515	\$0
2002	21,319,153	\$13,614,159	\$71,882	\$31,223	\$0
2003 <sup>d</sup>	19,618,352	\$16,681,878	\$81,420	\$30,475	\$0
2004 <sup>d</sup>	27,247,798	\$19,869,794	\$97,397	\$37,583	\$0
2005 <sup>d</sup>	34,075,061	\$24,961,404	\$136,088	\$40,172	\$0
Average - Previous 10 Years:					
1995-2004	22,336,006	\$26,723,209	\$88,789	\$43,493	\$5,581
Average <sup>e</sup> - Previous Decades:					
1990-1999	21,283,657	\$36,724,295	\$94,175	\$51,932	\$7,549
1980-1988 <sup>f</sup>	12,984,676	\$34,699,090	\$85,114	\$42,725	\$18,067
1970-1979	8,155,238	\$13,043,764	\$31,079	\$11,475	\$8,256
Average <sup>e</sup> - Overall					
1970-2005	15,759,908	\$26,580,876	\$73,534	\$34,979	\$9,597

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

<sup>a</sup> Number of fish includes commercial harvest, test fisheries, and Kitoi Bay Hatchery cost recovery harvests.

-continued-

**Table 13.-** Page 2 of 2.

---

- <sup>b</sup> Exvessel values for 1970-1976 and 2003-2005 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.
- <sup>c</sup> 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).
- <sup>d</sup> Exvessel value is based on fish ticket information. These average values do not reflect payments made to fishers for iced fish, dock deliveries, and postseason settlements.
- <sup>e</sup> 1989 data not included in averages.

**Table 14.-**Subsistence salmon fishery harvest from ADF&G permit reports, by species, for the Kodiak Management Area, 1970-2004.

Year	Permits Issued	Permits Returned	Percent Returned	Number of Salmon					
				Chinook	Sockeye	Coho	Pink	Chum	Total
1970	213	49	23	1	959	939	797	265	2,961
1971	267	131	49	5	3,442	1,720	1,276	472	6,915
1972	329	176	53	11	3,633	1,531	2,516	2,729	10,420
1973	400	149	37	7	4,453	2,289	1,393	1,166	9,308
1974	367	90	25	1	1,909	846	1,094	128	3,978
1975	508	90	18	1	1,141	922	947	221	3,232
1976	536	243	45	4	4,338	962	2,275	370	7,949
1977	739	451	61	54	8,119	2,508	2,849	317	13,847
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	<sup>a</sup> -	2,066	-	108	10,081	4,291	1,320	371	16,171
1989	<sup>a,b</sup> -	1,994	-	43	12,638	4,123	1,553	419	18,776
1990	<sup>a</sup> -	2,340	-	131	17,959	8,627	1,605	655	28,977
1991	<sup>a</sup> -	2,660	-	177	21,835	8,208	1,743	714	32,677
1992	<sup>a</sup> -	2,614	-	318	20,684	8,643	1,646	643	31,934
1993	<sup>a</sup> -	1,774	-	243	19,471	7,176	2,696	838	30,424
1994	<sup>c</sup> 2,550	1,518	60	205	17,962	7,491	1,758	440	27,856
1995	1,950	1,218	62	175	19,416	5,603	1,548	293	27,035
1996	1,567	1,429	91	253	28,287	5,117	1,125	381	35,163
1997	2,098	1,648	79	383	33,293	6,369	1,458	234	41,737
1998	1,845	1,145	62	350	20,459	5,348	1,412	214	27,783
1999	1,845	1,437	78	397	26,534	4,974	1,229	388	33,522
2000	1,711	1,679	98	351	31,667	6,383	977	375	39,753
2001	2,378	2,009	84	273	33,878	5,920	1,158	427	41,656
2002	2,277	2,068	91	588	33,844	6,175	1,665	350	42,622
2003	2,272	2,052	90	510	32,193	6,098	1,509	388	40,698
2004	2,241	2,063	92	379	30,503	5,857	1,403	261	38,403
2005	not yet available								
<u>Average - Previous 10 Years:</u>									
1995-2004	2,018	1,675	83	366 1%	29,007 79%	5,784 16%	1,348 4%	331 1%	36,837 100%
<u>Averages<sup>b</sup> - 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
1970-1979	530	262	49	25	4,561	1,926	1,919	657	9,063
<u>Average<sup>b</sup> - Overall</u>									
1970-2004	1,314	1,175	67	178	16,586	5,047	1,888	575	24,273

-continued-

**Table 14.-Page 2 of 2.**

---

Source: 1981 and 1986 to 2004 data is from the ADF&G subsistence permit database. Data from all other years is from Area Management Reports (AMRs: Wadle 2005). In some cases, AMRs may show slightly higher harvests than the permit database, likely 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 may not represent the total KMA subsistence salmon harvest.

- <sup>a</sup> 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.
- <sup>b</sup> 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.
- <sup>c</sup> The salmon and shellfish subsistence permitting programs were merged. 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 15.-**Retention of salmon taken in commercial salmon fisheries but not sold, by species, for the Kodiak Management Area, 1997-2005.

Year	Permits	Landings	Home Pack in Number of Salmon <sup>a</sup>					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	*	*	*	*	*	*	*	*
2000	*	*	*	*	*	*	*	*
2001	9	14	16	465	1,215	0	33	1,729
2002	33	56	57	5,447	7,542	566	0	13,612
2003 <sup>b</sup>	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
Average:								
1997-2004	13	27	25	2,811	2,480	745	16	5,623

Source: ADF&G fish ticket data base

\* Confidential data.

<sup>a</sup> 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 these data were not recorded on ADF&G fish tickets.

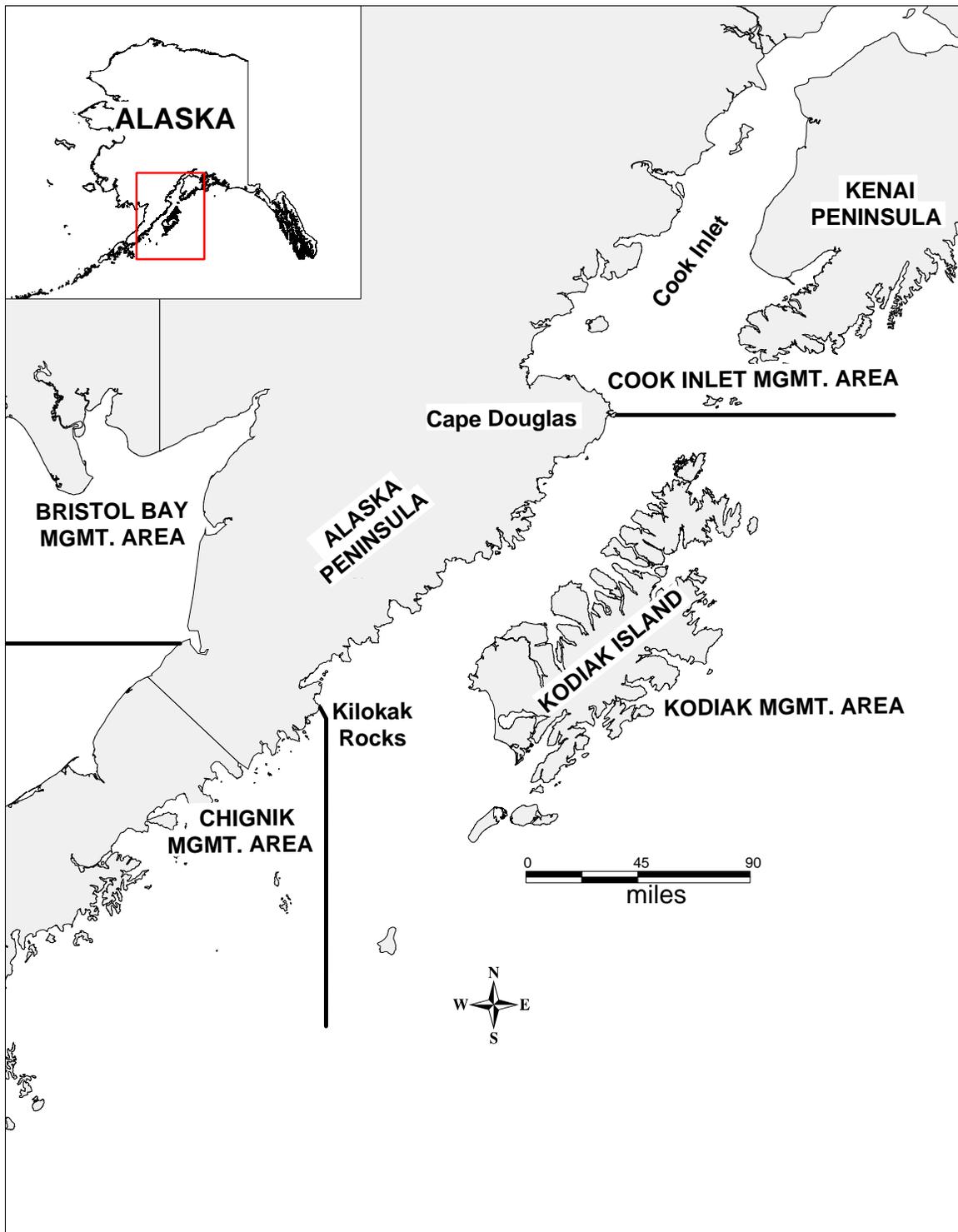
<sup>b</sup> In 2003 there was concern that salmon taken as home pack were being custom processed for later sale for consumptive use. In response the Alaska Board of Fisheries adopted a regulation clearly stating that these fish were not to be sold or bartered (5 AAC 39.010).

**Table 16.-**Estimated sport fish salmon harvest in the Kodiak regulatory area of the Kodiak Management Area, 1977-2004.

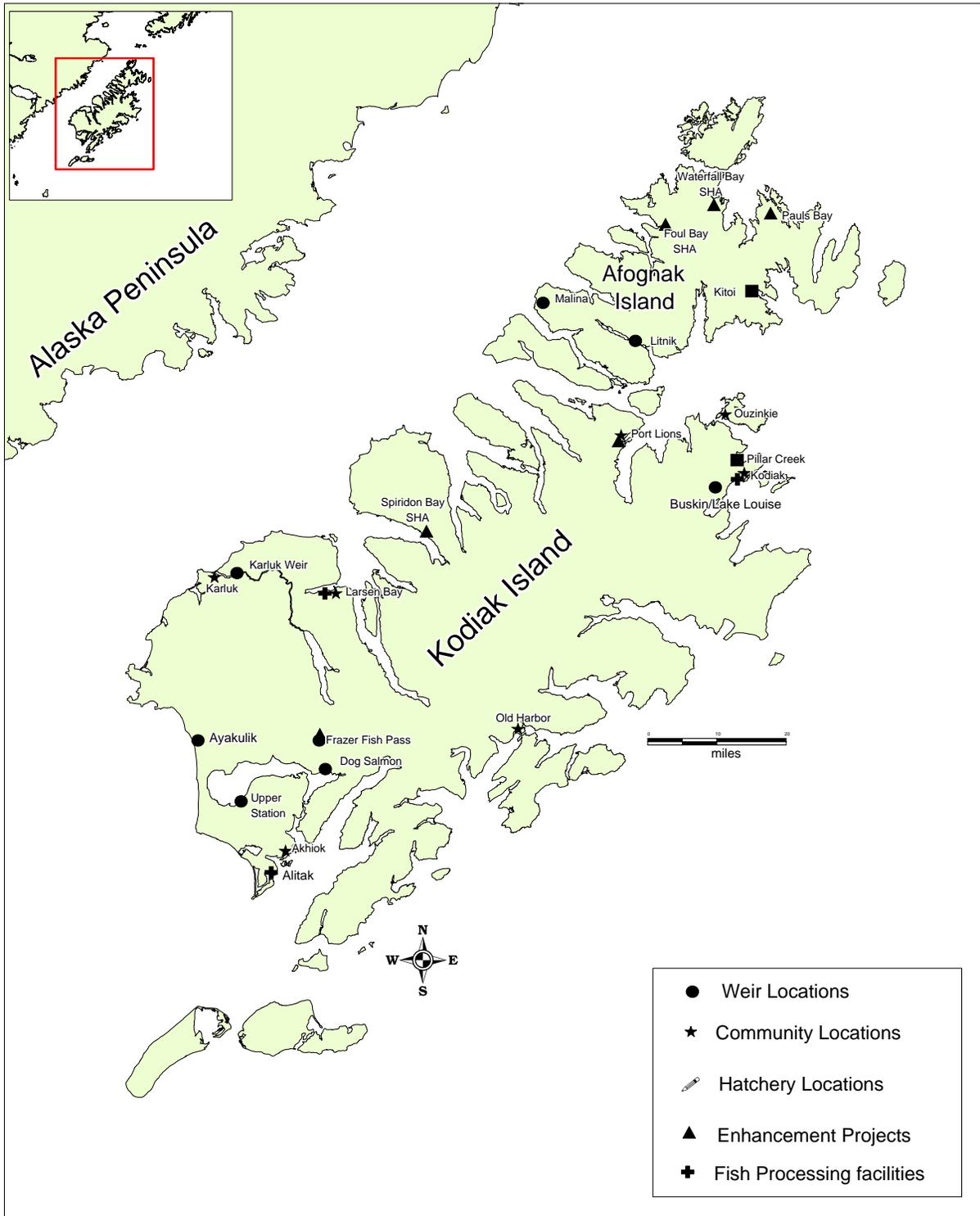
Year	Sport Harvest in Number of Salmon <sup>a</sup>					Total
	Chinook	Sockeye	Coho	Pink	Chum	
1977	483	1,255	4,716	14,519	1,645	22,618
1978	350	1,776	4,927	17,739	1,287	26,079
1979	752	2,436	11,522	15,871	500	31,081
1980	327	2,178	12,692	18,969	525	34,691
1981	789	1,620	10,584	12,259	637	25,889
1982	1,120	3,055	13,329	18,850	1,324	37,678
1983	729	3,150	7,823	8,936	816	21,454
1984	921	5,385	14,612	12,779	1,321	35,018
1985	762	7,536	13,625	13,423	865	36,211
1986	520	5,259	20,873	14,509	336	41,497
1987	379	4,165	16,912	11,662	560	33,678
1988	1,564	6,222	18,809	19,044	1,546	47,185
1989	1,087	6,789	19,802	17,794	631	46,103
1990	996	6,056	13,728	7,464	191	28,435
1991	2,508	5,049	17,691	12,106	1,517	38,871
1992	2,217	6,240	13,668	5,904	625	28,654
1993	5,092	7,849	21,241	12,324	504	47,010
1994	3,166	12,502	12,406	5,336	290	33,700
1995	2,662	7,994	13,236	11,926	981	36,799
1996	2,407	10,158	16,822	6,917	692	36,996
1997	5,221	8,259	23,763	5,873	235	43,351
1998	4,052	8,763	24,850	12,226	547	50,438
1999	6,791	10,405	27,781	12,813	426	58,216
2000	9,629	16,972	30,975	10,599	955	69,130
2001	8,541	12,199	28,654	6,498	991	56,883
2002	4,136	9,672	29,957	9,022	104	52,891
2003	9,031	12,562	31,976	6,842	548	60,959
2004	11,263	7,884	46,101	7,476	599	73,323
<u>Average - Previous 10 Years:</u>						
1994-2003	5,564	10,949	24,042	8,805	577	49,936
<u>Average - Previous Decades:</u>						
1990-1999	3,511	8,328	18,519	9,289	601	40,247
1980-1989	820	4,536	14,906	14,823	856	35,940
<u>Average - Recent 5 Year Periods</u>						
1998-2002	6,630	11,602	28,443	10,232	605	57,512
1993-1997	3,710	9,352	17,494	8,475	540	39,571
1988-1992	1,674	6,071	16,740	12,462	902	37,850
<u>Average - All Years</u>						
1977- 2003	2,823	6,871	17,666	11,933	763	40,056

Source: Schwarz et al. (*in prep.*)

<sup>a</sup> The Kodiak regulatory area encompasses only the Kodiak Archipelago. Estimated harvests from the Mainland District of the Kodiak Management Area are summarized in Alaska Peninsula/Aleutian Islands regulatory area statistics. Includes harvest from both marine and freshwater fisheries; does not include the number of salmon caught and released.



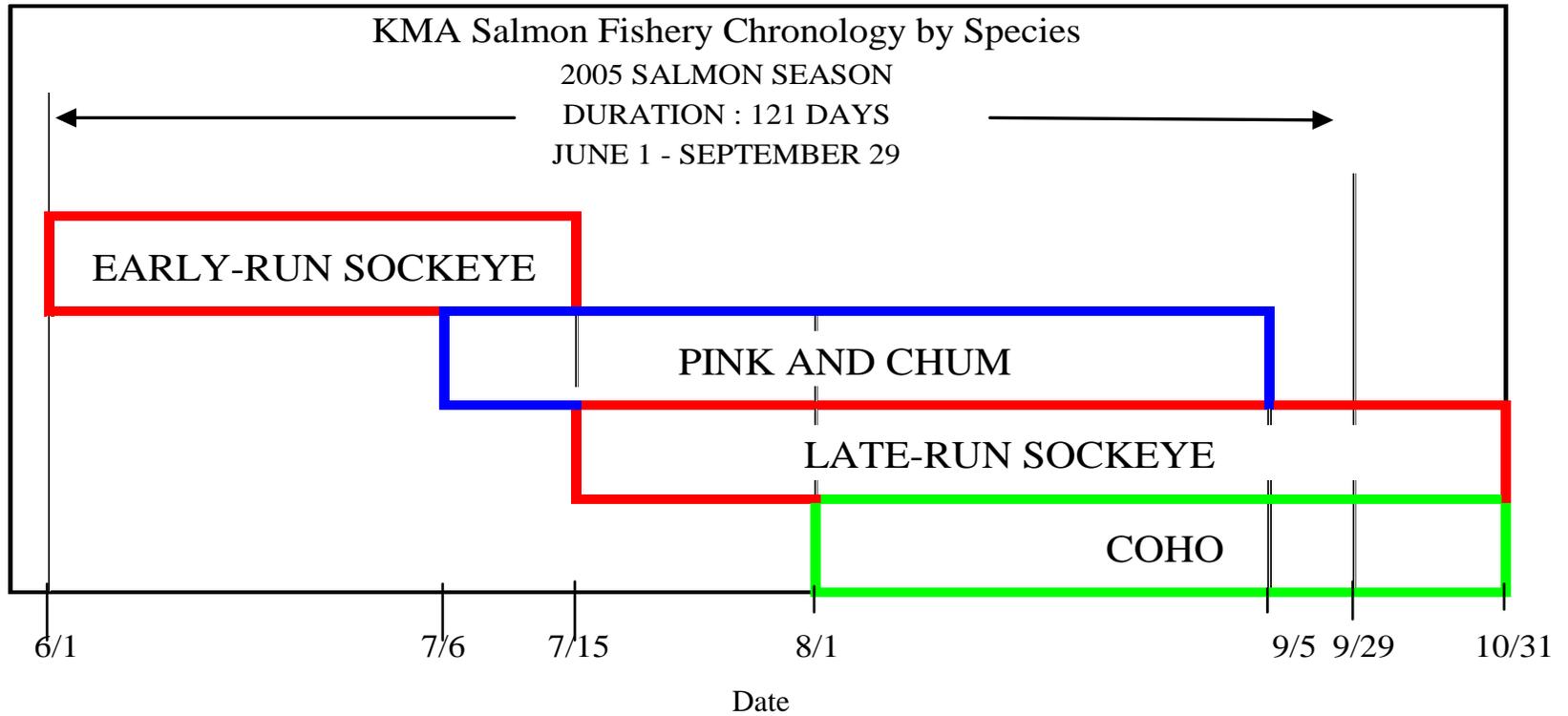
**Figure 1.-**Map of the location of the Kodiak Management Area and neighboring management areas, 2005.



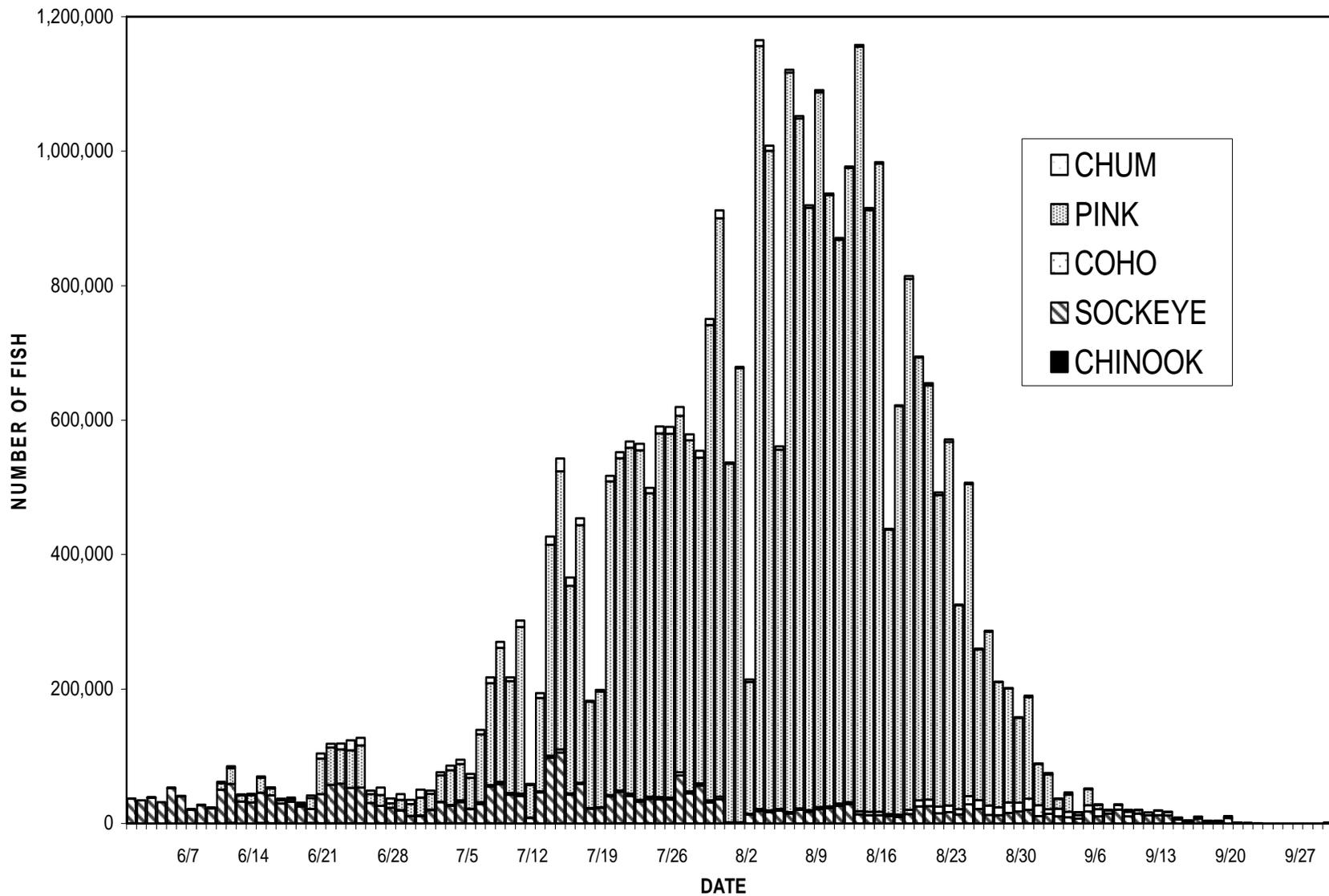
**Figure 2.-**Map of the Kodiak Archipelago showing communities, canneries, sockeye salmon enhancement, weir, and hatchery locations in the Kodiak Management Area, 2005.

### KMA Salmon Fishery Chronology by Species

2005 SALMON SEASON  
DURATION : 121 DAYS  
JUNE 1 - SEPTEMBER 29



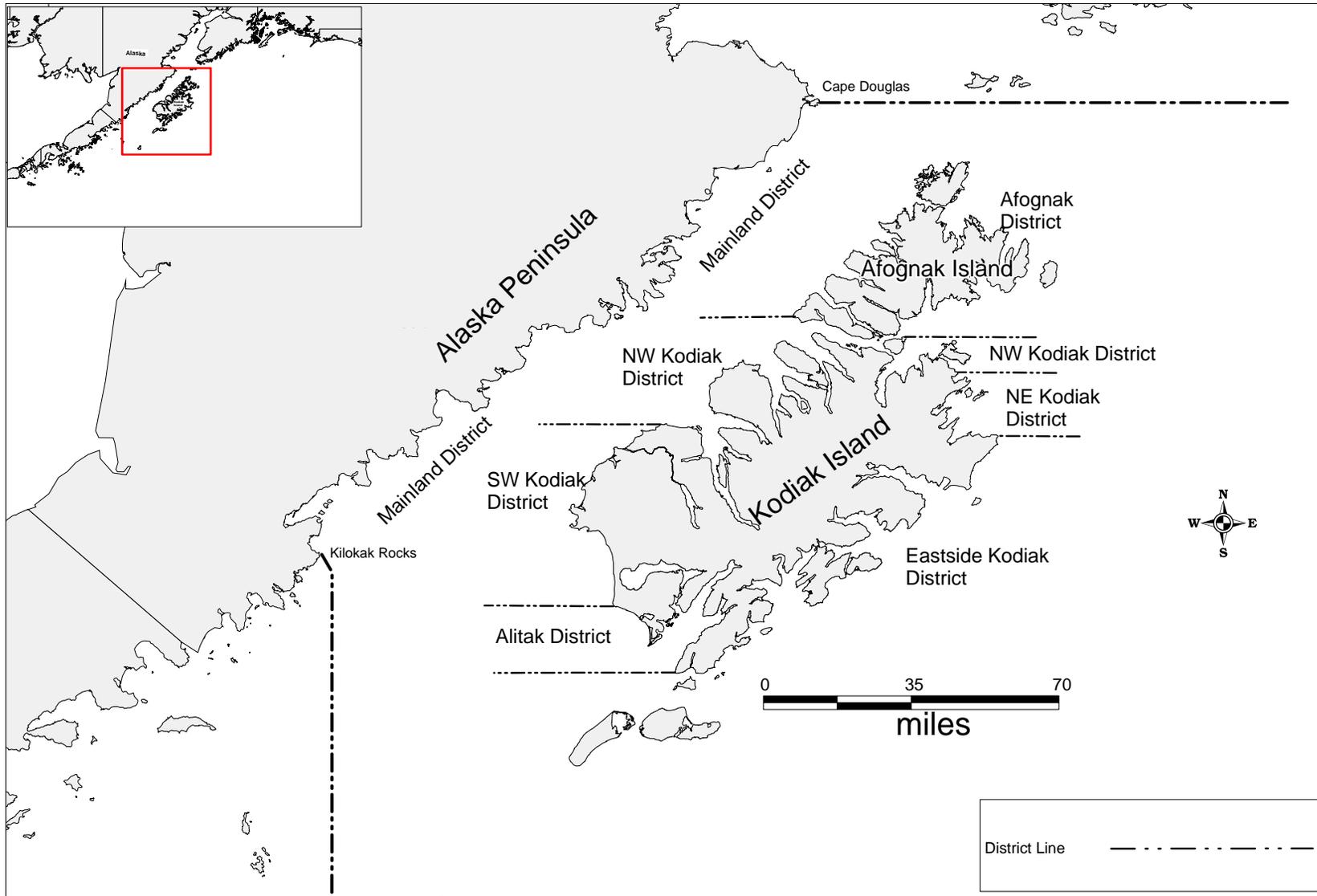
**Figure 3.**-Commercial salmon fishery chronology Kodiak Management Area, 2005.



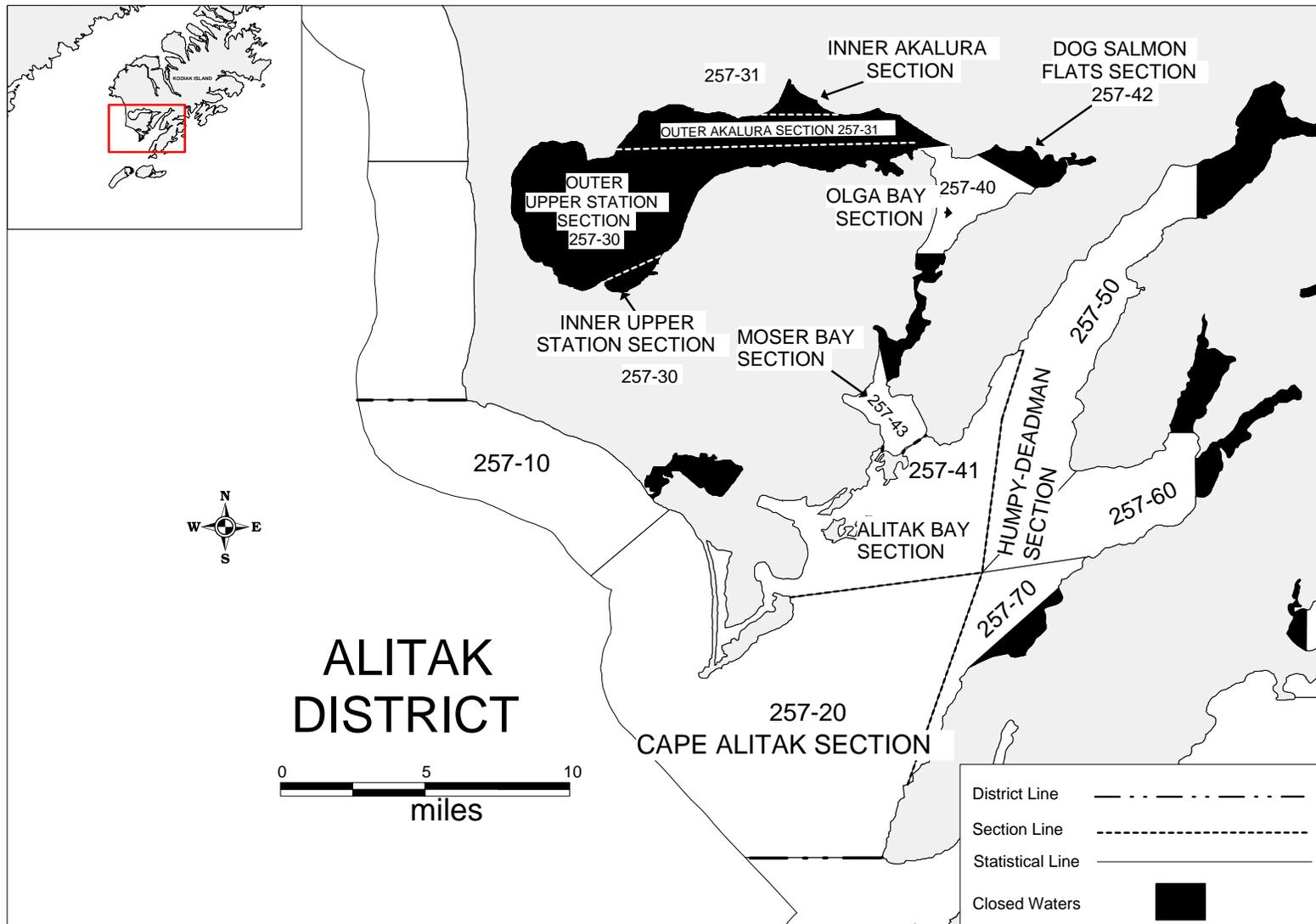
**Figure 4.**-Daily commercial salmon fishery harvest by date and species, 2005, Kodiak Management Area.



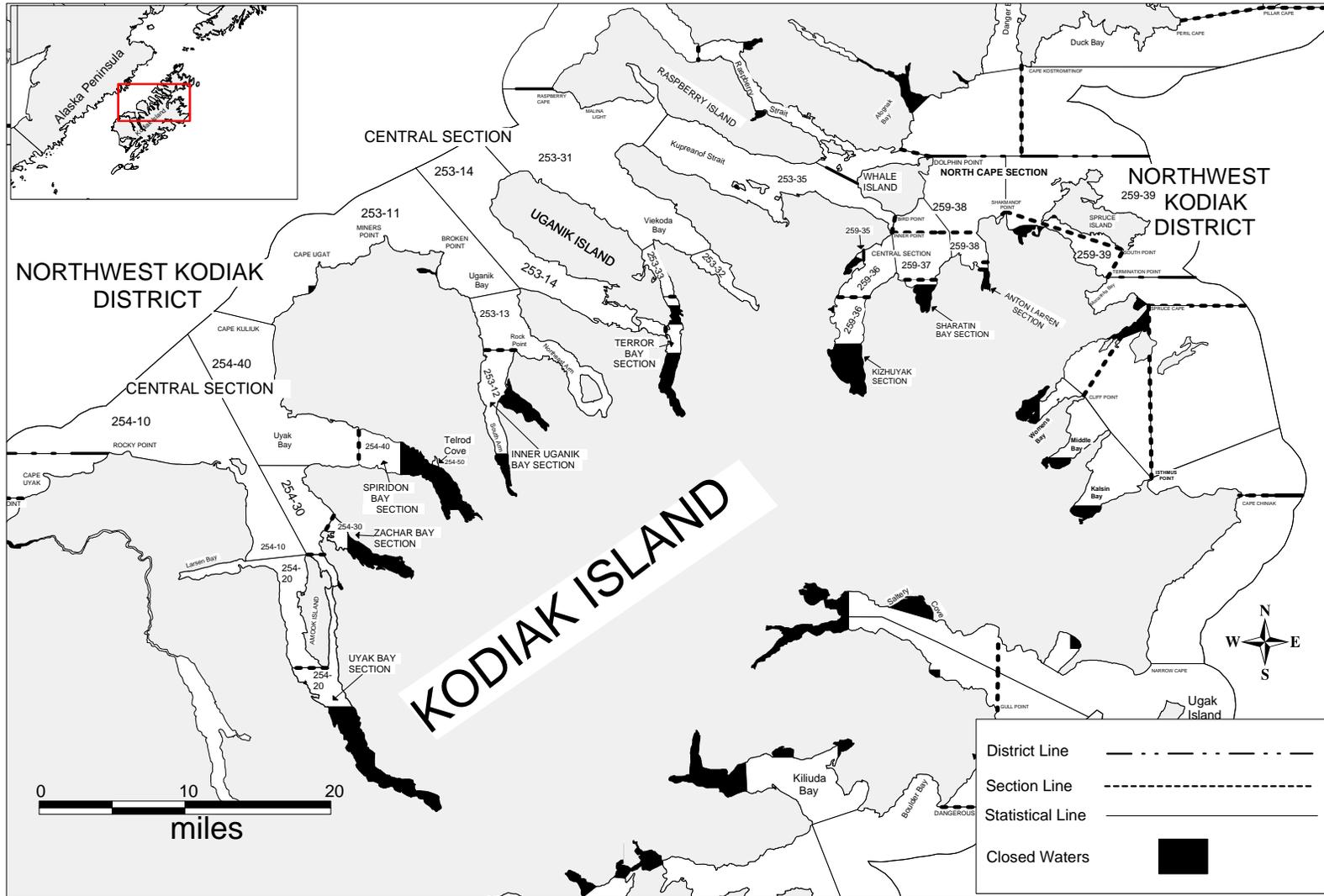
## **APPENDIX A. MAPS OF FISHING DISTRICTS**



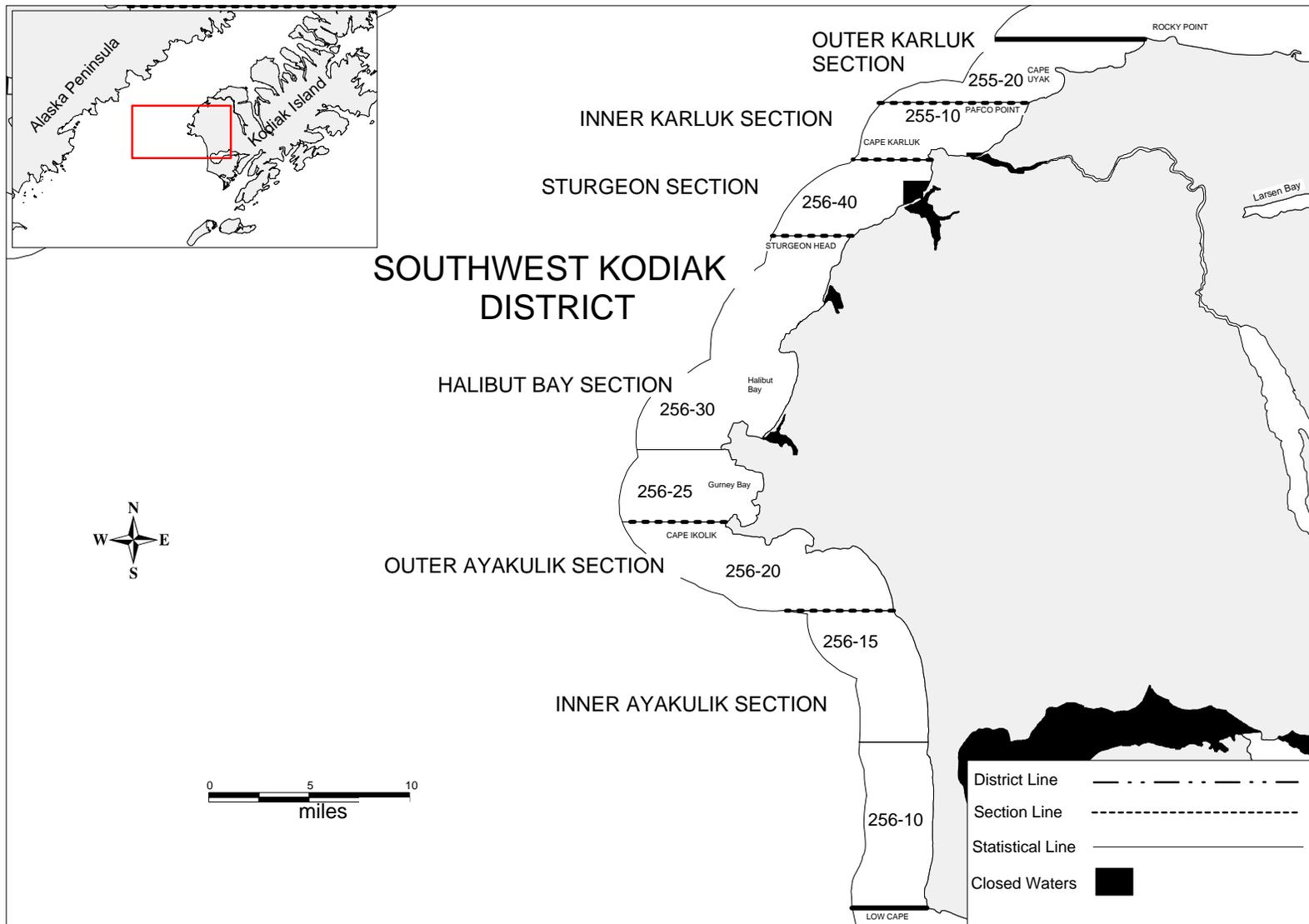
**Appendix A1.**-Map of the Kodiak Management Area identifying commercial salmon fishing districts.



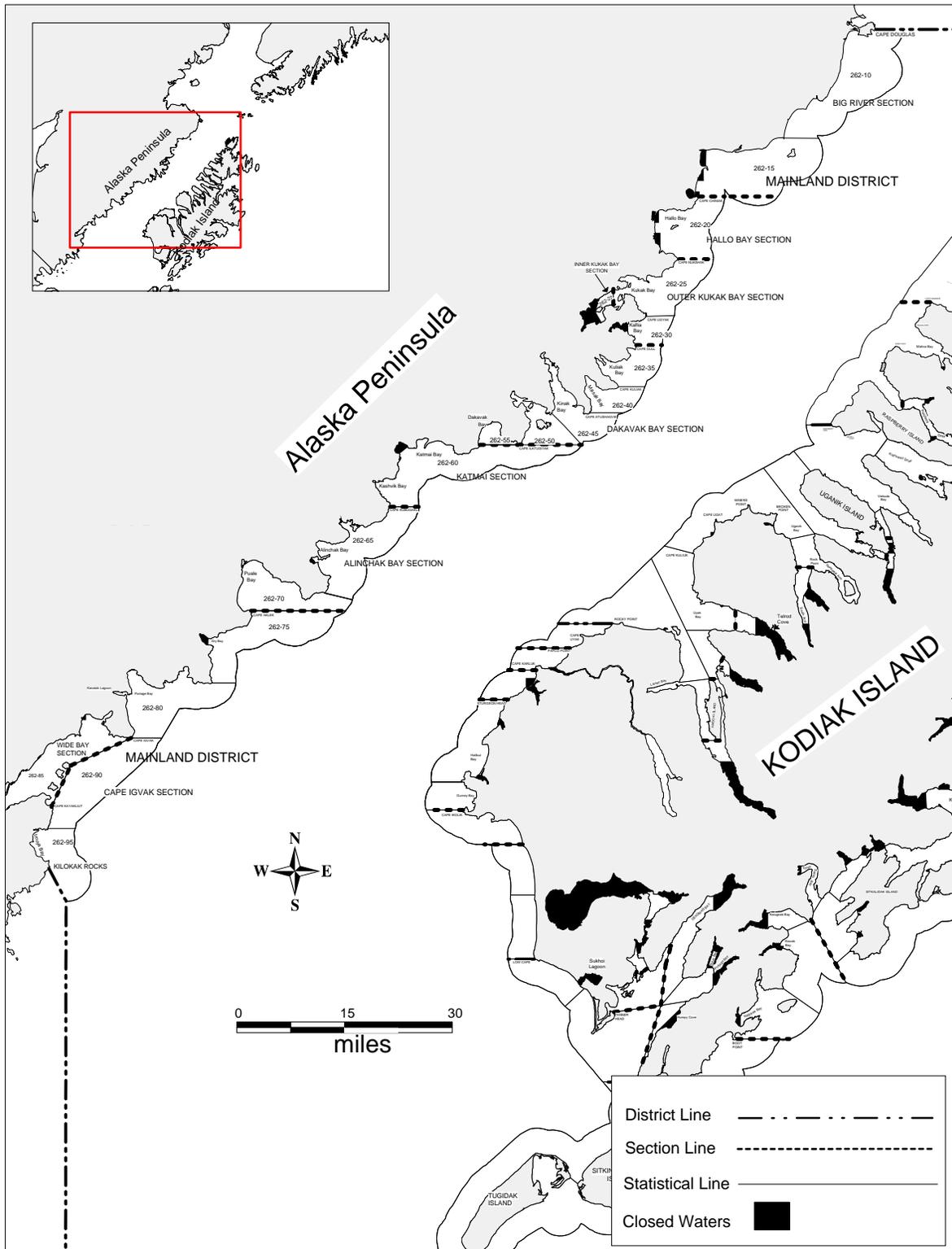
Appendix A2.-Map of the Alitak District identifying commercial salmon fishing sections and statistical areas.



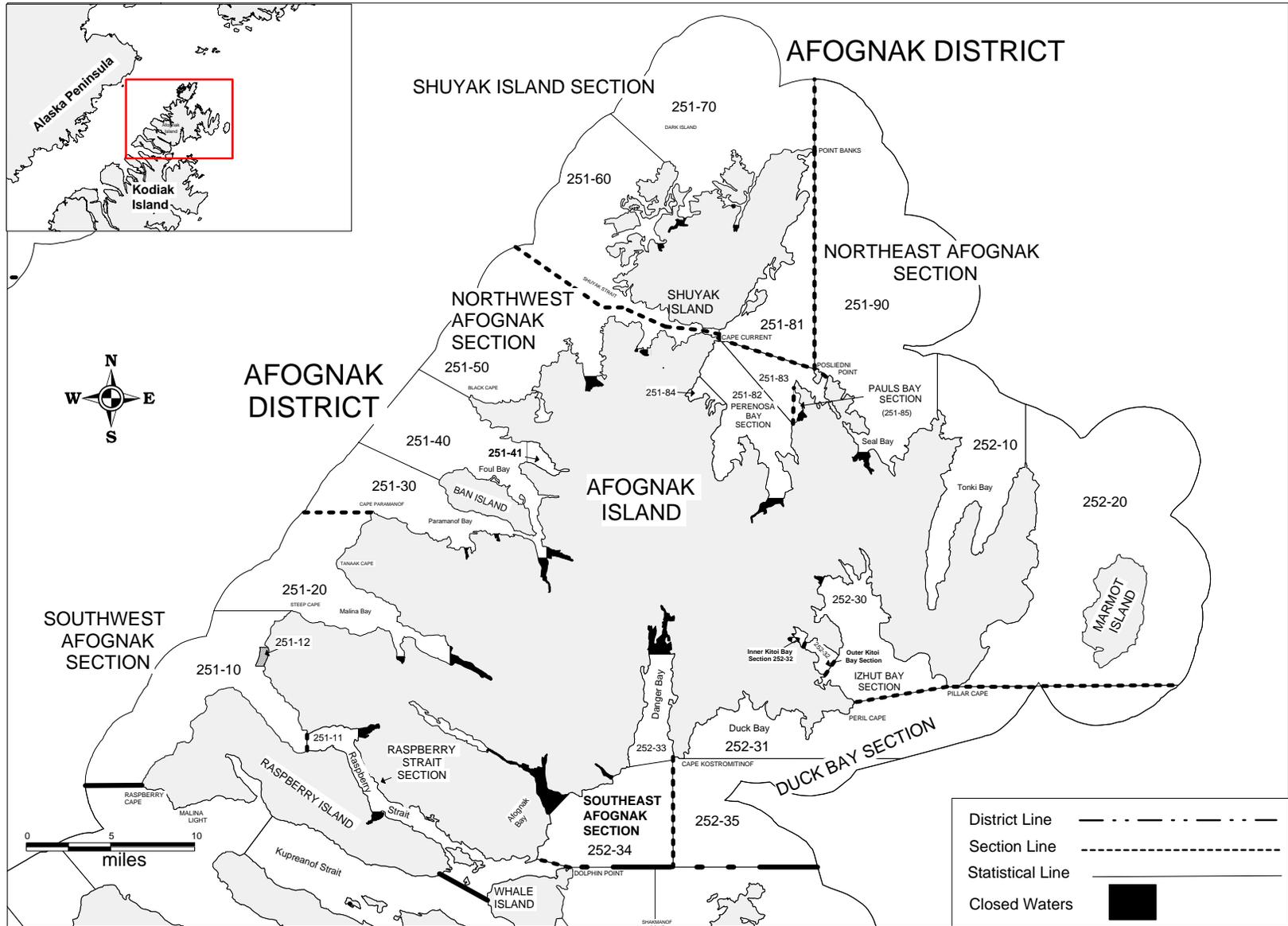
Appendix A3.-Map of the Northwest Kodiak District identifying commercial salmon fishing sections and statistical areas.



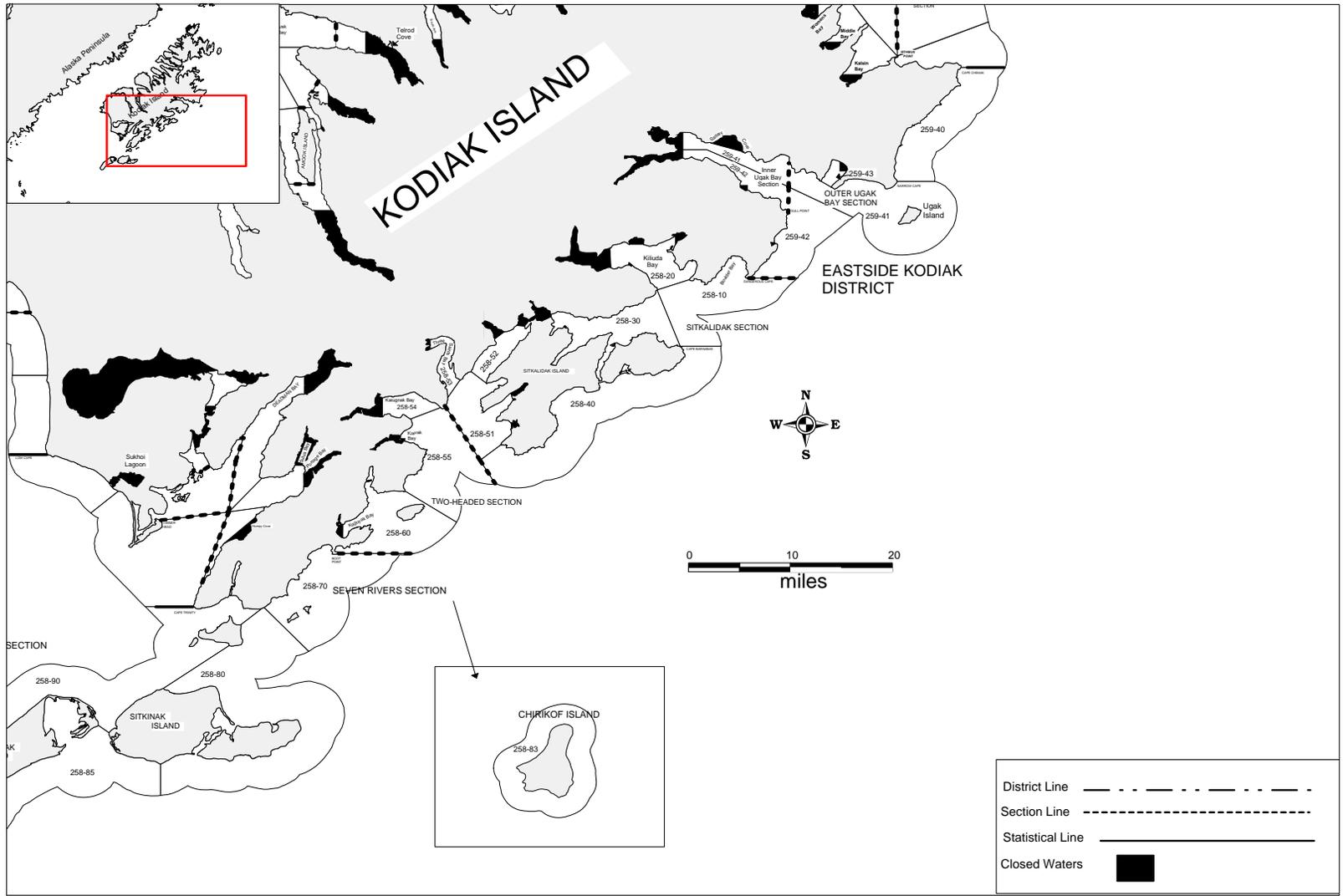
**Appendix A4.-**Map of the Southwest Kodiak District identifying commercial salmon fishing sections and statistical areas.



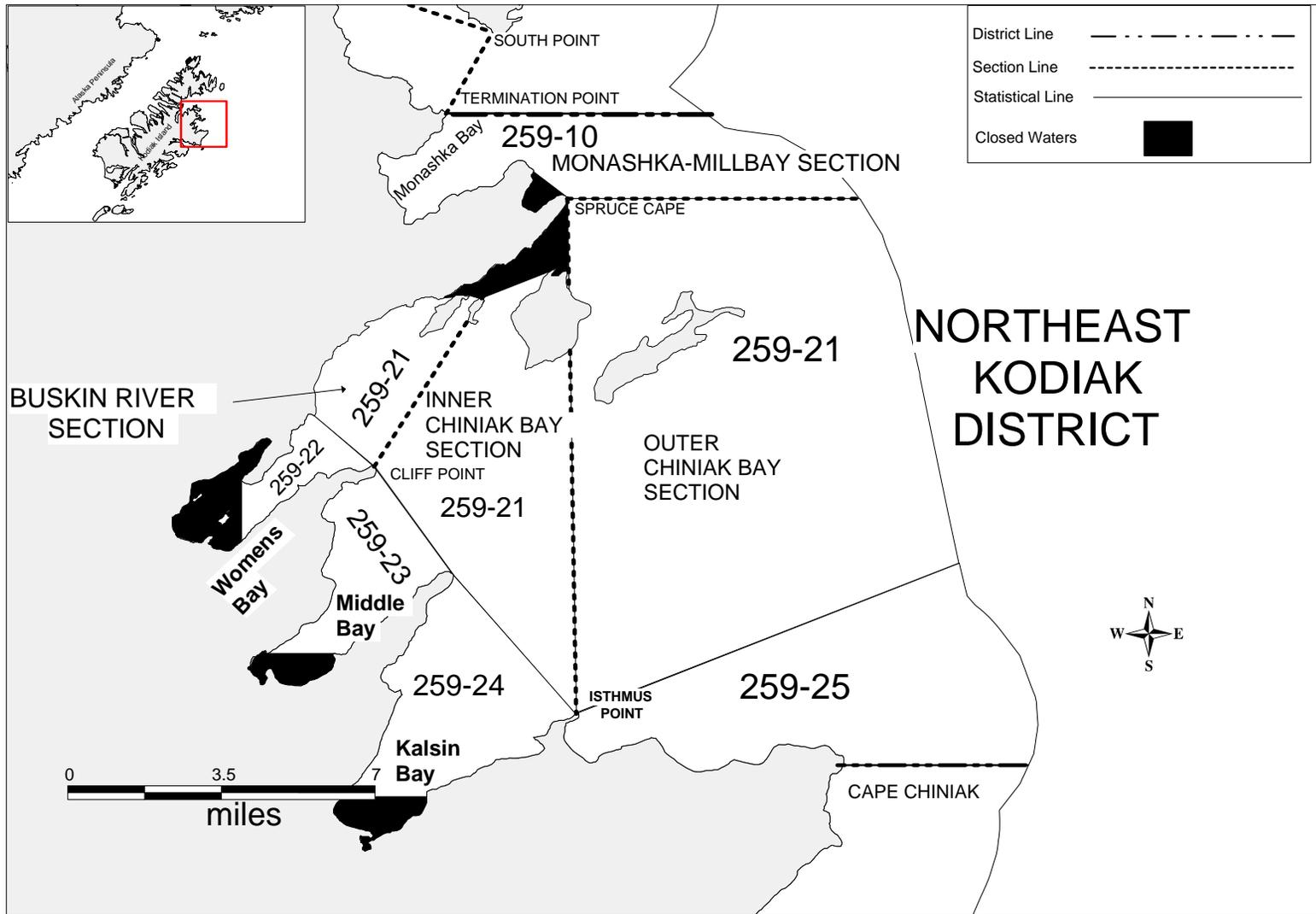
**Appendix A5.-**Map of the Mainland District identifying commercial salmon fishing sections and statistical areas.



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



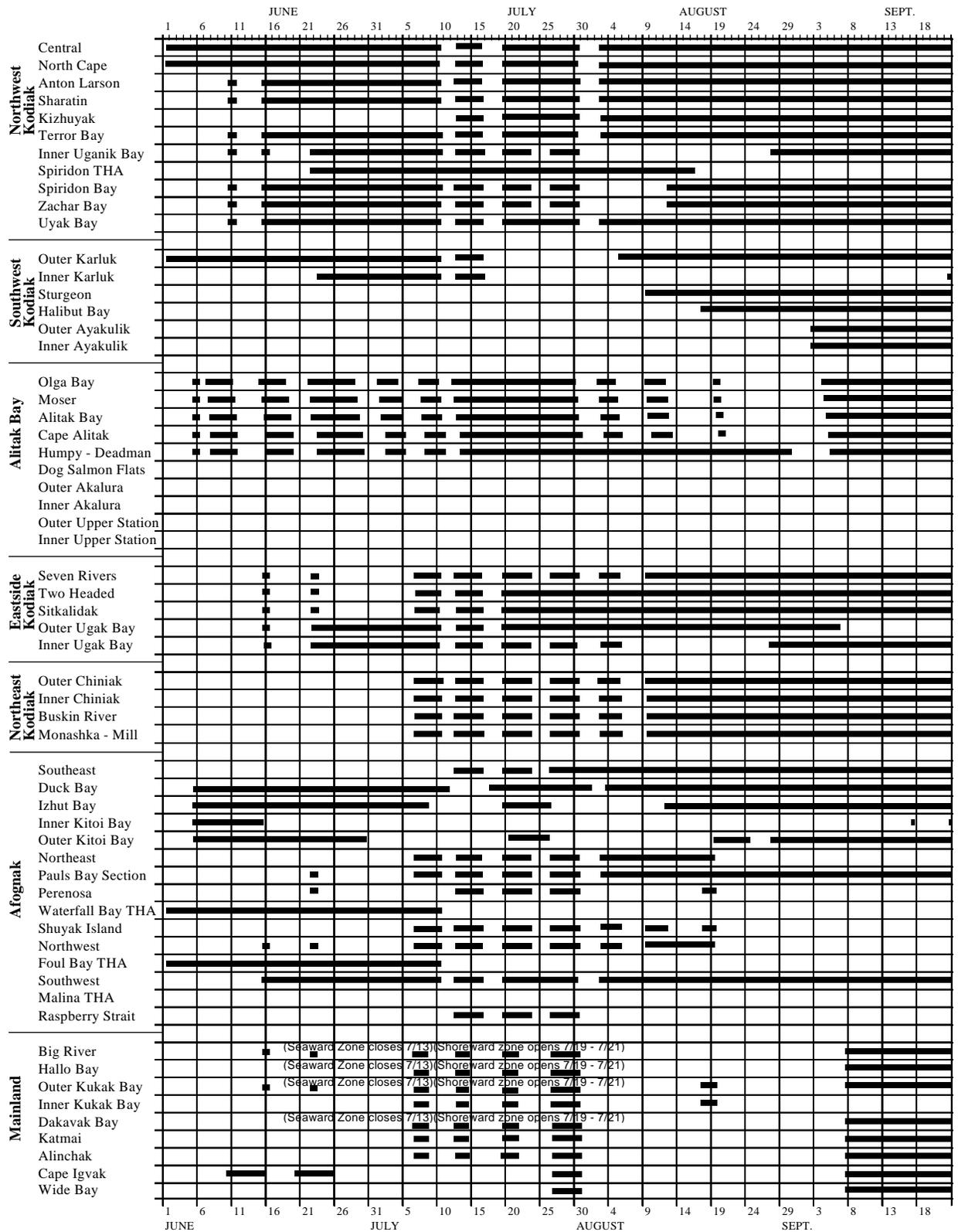
**Appendix A7.-**Map of the Eastside Kodiak District identifying commercial salmon fishing sections and statistical areas.



Appendix A8.-Map of the Northeast Kodiak District identifying 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, 2005.

**Appendix B2.-**Summary of emergency orders issued in the Kodiak Management Area, 2005.

E.O.#	Issued	Effective	Action Taken
1	4:00 PM 5/25/05	12:01 AM 6/1/05	<u>Establishes</u> closed water adjustments
2	9:00 AM 5/27/05	NOON 6/1/05	<u>Opening</u> for 57 hours, NOON 6/1 to 9:00 PM 6/3 - Central and North Cape Sections - Outer Karluk Section
		NOON 6/1/05	<u>Opening</u> until further notice - Foul Bay Special Harvest Area (FBSHA) - Waterfall Bay Special Harvest Area (WBSHA)
			<u>Closed water adjustments</u> - Reduced in: Foul Bay and Waterfall Bay
3	5:00 PM 6/2/05	9:00 PM 6/3/05	<u>Extension</u> for 72 hours until 9:00 PM 6/6 - Central and North Cape Sections - Outer Karluk Section
		9:00 PM 6/3/05	<u>Effective</u> until further notice: Non-retention of Chinook salmon - Outer Karluk Section
		NOON 6/5/05	<u>Opening</u> for 33 hours, NOON 6/5 to 9:00 PM 6/6 - Alitak District
		NOON 6/5/05	<u>Opening</u> until further notice - Duck Bay, Izhut Bay, Inner Kitoi Bay, and Outer Kitoi Bay Sections
			<u>Open</u> until further notice - FBSHA - WBSHA
			<u>Closed water adjustments</u> - Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay
4	12:00 NOON 6/5/05	9:00 PM 6/6/05	<u>Extension</u> for 72 hours until 9:00 PM 6/9 - Central and North Cape Sections - Outer Karluk Section
			<u>Effective</u> until further notice: Non-retention of Chinook salmon - Outer Karluk Section
			<u>Open</u> until further notice - FBSHA

-continued-

E.O.#	Issued	Effective	Action Taken
4 (Cont.)			<ul style="list-style-type: none"> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, Inner Kitoi Bay and Outer Kitoi Bay Sections</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay</li> </ul>
5	10:00 AM 6/6/05	6:00 AM 6/7/05	<p><u>Opening</u> in the Alitak Bay District</p> <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 6/7 to 9:00 AM 6/9</li> <li>- Moser Bay Section from NOON 6/7 to 3:00 PM 6/9</li> <li>- Alitak Bay Section from 6:00 PM 6/7 to 9:00 PM 6/9</li> <li>- Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 6/8 to 9:00 AM 6/10</li> </ul> <p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, Inner Kitoi Bay and Outer Kitoi Bay Sections</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay</li> </ul>
6	10:00 AM 6/8/05	12:01 AM 6/10/05	<p><u>Opening</u> for 48 hours from 12:01 AM 6/10 until 12:01 AM 6/12</p> <ul style="list-style-type: none"> <li>- Cape Igvak Section</li> </ul> <p>9:00 PM 6/9/05</p> <p><u>Extension</u> for 48 hours until 9:00 PM 6/11</p> <ul style="list-style-type: none"> <li>- Central and North Cape Sections</li> <li>- Outer Karluk Section</li> </ul> <p>9:00 AM 6/7/05</p> <p><u>Extension</u> in the Alitak District for 48 hours</p> <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 6/11</li> <li>- Moser Bay Section until 3:00 PM 6/11</li> <li>- Alitak Bay Section until 9:00 PM 6/11</li> <li>- Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 6/12</li> </ul> <p>12:00 NOON 6/9/05</p> <p><u>Opening</u> for 33 hours from NOON 6/9 until 9:00 PM 6/10</p> <ul style="list-style-type: none"> <li>- Anton Larsen Bay Section</li> <li>- Sharatin Bay Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
6 (Cont.)			<ul style="list-style-type: none"> <li>- Inner Uganik Bay Section</li> <li>- Terror Bay Section</li> <li>- Spiridon Bay Section</li> <li>- Zachar Bay Section</li> <li>- Uyak Bay Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, Inner Kitoi Bay and Outer Kitoi Bay Sections</li> </ul> <p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay</li> </ul>
7	10:00 AM 6/10/05	12:01 AM 6/12/05	<p><u>Extension</u> for 48 hours until 12:01 AM 6/14</p> <ul style="list-style-type: none"> <li>- Cape Igvak Section</li> </ul>
		9:00 PM 6/11/05	<p><u>Extension</u> for 96 hours until 9:00 PM 6/15</p> <ul style="list-style-type: none"> <li>- Central and North Cape Sections</li> <li>- Outer Karluk Section</li> </ul>
		12:00 NOON 6/11/05	<p><u>Reduction in closed waters</u> until further notice</p> <ul style="list-style-type: none"> <li>- Settler Cove</li> </ul> <p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, Inner Kitoi Bay and Outer Kitoi Bay Sections</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Kitoi Bay</li> </ul>
8	11:30 AM 6/13/05	12:01 AM 6/14/05	<p><u>Extension</u> for 48 hours until 12:01 AM 6/16</p> <ul style="list-style-type: none"> <li>- Cape Igvak Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
8 (Cont.)		9:00 PM 6/15/05	<u>Extension</u> for 48 hours until 9:00 PM 6/17 <ul style="list-style-type: none"> <li>- Central and North Cape Sections</li> <li>- Outer Karluk Section</li> </ul>
		6:00 AM 6/14/05	<u>Opening</u> in the Alitak District <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 6/14 to 9:00 AM 6/16</li> <li>- Moser Bay Section from NOON 6/14 to 3:00 PM 6/16</li> <li>- Alitak Bay Section from 6:00 PM 6/14 to 9:00 PM 6/16</li> <li>- Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 6/15 to 9:00 AM 6/17</li> </ul>
		12:00 NOON 6/14/05	<u>Opening</u> for 33 hours from NOON 6/14 until 9:00 PM 6/15 <ul style="list-style-type: none"> <li>- Anton Larsen Bay Section</li> <li>- Sharatin Bay Section</li> <li>- Terror Bay Section</li> <li>- Inner Uganik Bay Section</li> <li>- Spiridon Bay Section</li> <li>- Zachar Bay Section</li> <li>- Uyak Bay Section</li> <li>- Southwest Afognak and Northwest Afognak Sections (Malina Creek THA remains closed)</li> <li>- Big River and Outer Kukak Sections</li> <li>- Eastside Kodiak District</li> </ul>
		9:00 PM 6/14/05	<u>Closing</u> at 9:00 PM 6/14 <ul style="list-style-type: none"> <li>- Inner Kitoi Bay Section</li> </ul>
		12:00 NOON 6/14/05	<u>Reduction to closed waters</u> from 12:00 NOON 6/14 to 9:00 PM 6/15 <ul style="list-style-type: none"> <li>- Kaflia Creek</li> <li>- Saltery Creek</li> </ul>
		12:00 NOON 6/14/05	<u>Increase to closed waters</u> from 12:00 NOON 6/14 to 9:00 PM 6/15 <ul style="list-style-type: none"> <li>- Southwest Afognak Section</li> <li>- Malina Creek Terminal Harvest Area (MCTHA)</li> </ul>
			<u>Effective</u> until further notice: Non-retention of Chinook salmon <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul>
			<u>Open</u> until further notice <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> </ul>
			<u>Closed water adjustments</u> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Settler Cove.</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
9	11:00 AM 6/15/05	9:00 AM 6/16/05	<p><u>Extension</u> in the Alitak District for 48 hours</p> <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 6/18</li> <li>- Moser Bay Section until 3:00 PM 6/18</li> <li>- Alitak Bay Section until 9:00 PM 6/18</li> <li>- Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 6/19</li> </ul>
		9:00 PM 6/15/05	<p><u>Extension</u> for 48 hours until 9:00 PM 6/17</p> <ul style="list-style-type: none"> <li>- Anton Larsen Bay Section</li> <li>- Sharatin Bay Section</li> <li>- Terror Bay Section</li> <li>- Spiridon Bay Section</li> <li>- Zachar Bay Section</li> <li>- Uyak Bay Section</li> <li>- Southwest Afognak Section (Malina Creek THA remains closed)</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> </ul> <p><u>Effective</u> until further notice: Nonretention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Settler Cove.</li> <li>- Increased in: Malina Creek Terminal Harvest Area (MCTHA)</li> </ul>
10	10:00 AM 6/17/05	9:00 PM 6/17/05	<p><u>Extension</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except the Inner Uganik Bay and Kizhuyak Section which remained closed)</li> <li>- Outer Karluk Section</li> <li>- Southwest Afognak Section (Malina Creek THA remains closed)</li> </ul>
		12:01 AM 6/19/05	<p><u>Opening</u> for 96 hours, 12:01 AM 6/19 to 12:01 AM 6/23</p> <ul style="list-style-type: none"> <li>- Cape Igvak Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
10 (cont.)			<p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Settler Cove.</li> <li>- Increased in: Malina Creek Terminal Harvest Area (MCTHA)</li> </ul>
11	11:00 AM 6/20/05	6:00 AM 6/21/05	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 6/21 to 9:00 AM 6/23</li> <li>- Moser Bay Section from NOON 6/21 to 3:00 PM 6/23</li> <li>- Alitak Bay Section from 6:00 PM 6/21 to 9:00 PM 6/23</li> <li>- Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 6/22 to 9:00 AM 6/24</li> </ul>
		9:00 PM 6/21/05	<p><u>Opening</u> for 33 hours from NOON 6/21 until 9:00 PM 6/22</p> <ul style="list-style-type: none"> <li>- Northwest Afognak Section</li> <li>- Perenosa Bay Section</li> <li>- Pauls Bay Section</li> <li>- Big River Section</li> <li>- Outer Kukak</li> <li>- Eastside Kodiak District</li> </ul>
		12:00 NOON 6/21/05	<p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Inner Uganik Bay Section</li> </ul>
		12:00 NOON 6/21/05	<p><u>Reduction to closed waters</u> from 12:00 NOON 6/21 to 9:00 PM 6/22</p> <ul style="list-style-type: none"> <li>- Kafia Creek</li> <li>- Saltery Creek</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except the Kizhuyak Section which remained closed)</li> <li>- Outer Karluk Section</li> <li>- Southwest Afognak Section (Malina Creek THA remains closed)</li> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> </ul>
			<p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
11 (Cont.)			<u>Closed water adjustments</u> - Reduced in: Foul Bay, Waterfall Bay, and Settler Cove. - Increased in: Malina Creek Terminal Harvest Area (MCTHA)
12	NOON 6/21/05	9:00 AM 6/23/05	<u>Extension</u> in the Alitak District for 24 hours - Olga Bay Section until 9:00 AM 6/24 - Moser Bay Section until 3:00 PM 6/24 - Alitak Bay Section until 9:00 PM 6/24 - Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 6/25
		12:01 AM 6/23/05	<u>Extension</u> for 48 hours until 12:01 AM 6/25 - Cape Igvak Section
		12:00 NOON 6/22/05	<u>Opening</u> for 33 hours from NOON 6/22 until 9:00 PM 6/23 - Inner Karluk Section
		12:00 NOON 6/22/05	<u>Effective</u> from NOON 6/22 until 9:00 PM 6/23: Non-retention of Chinook salmon - Inner Karluk Section
			<u>Open</u> until further notice - Spiridon Bay Special Harvest Area - Northwest Kodiak District (except the Kizhuyak section which remains closed). - Outer Karluk Section - Southwest Afognak Section (Malina Creek THA remains closed) - FBSHA - WBSHA - Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections
			<u>Effective</u> until further notice: Non-retention of Chinook salmon - Outer Karluk Section
			<u>Closed water adjustments</u> - Reduced in: Foul Bay, Waterfall Bay, and Settler Cove. - Increased in: Malina Creek Terminal Harvest Area (MCTHA)
13	12:00 NOON 6/22/05	9:00 AM 6/22/05	<u>Extension</u> until further notice - Inner and Outer Ugak Bay Sections

-continued-

E.O.#	Issued	Effective	Action Taken
(13 Cont.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Southwest Afognak Section (Malina Creek THA remains closed)</li> <li>- Northwest Kodiak District (except for the Kizhuyak section which remains closed).</li> <li>- Outer Karluk Section</li> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> </ul> <p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Inner and Outer Karluk Section</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced in: Foul Bay, Waterfall Bay, and Settler Cove.</li> <li>- Increased in: Malina Creek Terminal Harvest Area (MCTHA)</li> </ul>
14	12:00 NOON 6/23/05	9:00 AM 6/24/05	<p><u>Extension</u> in the Alitak District for 96 hours</p> <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 6/28</li> <li>- Moser Bay Section until 3:00 PM 6/28</li> <li>- Alitak Bay Section until 9:00 PM 6/28</li> <li>- Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 6/29</li> </ul>
		9:00 PM 6/23/05	<p><u>Extended</u> until further notice</p> <ul style="list-style-type: none"> <li>- Inner Karluk Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Southwest Afognak Section (Malina Creek THA remains closed)</li> <li>- Northwest Kodiak District (except for the Kizhuyak section which remains closed).</li> <li>- Outer Karluk Section</li> <li>- FBSHA</li> <li>- WBSHA</li> <li>- Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections</li> <li>- Inner and Outer Ugak Bay sections</li> </ul> <p><u>Effective</u> until further notice: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Inner and Outer Karluk Section</li> </ul>

-continued-

Appendix B2.-Page 9 of 22.

E.O.#	Issued	Effective	Action Taken
14 (Cont.)			<u>Closed water adjustments</u> - Reduced in: Foul Bay, Waterfall Bay, Saltery Creek and Settler Cove. - Increased in: Malina Creek Terminal Harvest Area (MCTHA)
15	10:00 AM 6/29/05	6:00 AM 7/1/05	<u>Opening</u> in the Alitak District - Olga Bay Section from 6:00 AM 7/1 to 9:00 AM 7/4 - Moser Bay Section from NOON 7/1 to 3:00 PM 7/4 - Alitak Bay Section from 6:00 PM 7/1 to 9:00 PM 7/4 - Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 7/2 to 9:00 AM 7/5
		9:00 PM 6/30/05	<u>Closing</u> at 9:00 PM 6/30 - Outer Kitoi Bay Section
			<u>Open</u> until further notice - Spiridon Bay Special Harvest Area - Southwest Afognak Section (Malina Creek THA remains closed) - Northwest Kodiak District (except for the Kizhuyak section which remains closed). - Inner and Outer Karluk Section - FBSHA - WBSHA - Duck Bay, Izhut Bay, and Outer Kitoi Bay Sections
			<u>Effective</u> until further notice: Non-retention of Chinook salmon - Inner and Outer Karluk Section
			<u>Closed water adjustments</u> - Reduced in: Foul Bay, Waterfall Bay, Saltery Creek and Settler Cove. - Increased in: Malina Creek Terminal Harvest Area (MCTHA)
16	10:30 PM 7/3/05	12:00 NOON 7/6/05	<u>Opening</u> for 57 hours from NOON 7/6 to 9:00 PM 7/8 - Mainland District (except the Wide Bay and Cape Igvak Section remained closed).
		12:00 NOON 7/6/05	<u>Opening</u> for 105 hours NOON 7/6 to 9:00 PM 7/10 - Northwest Afognak Section - Shuyak Island Section - Pauls Bay Section - Northeast Afognak Section

-continued-

**Appendix B2.-Page 10 of 22.**

E.O.#	Issued	Effective	Action Taken
(16 Cont.)			<ul style="list-style-type: none"> <li>- Eastside Kodiak District</li> <li>- Northeast Kodiak District</li> </ul>
		9:00 PM 7/10/05	<p><u>Closing</u> at 9:00 PM 7/10</p> <ul style="list-style-type: none"> <li>- Southwest Afognak Section</li> <li>- Northwest Kodiak District (except SBSHA)</li> <li>- Inner and Outer Karluk Section</li> <li>- Inner and Outer Ugak Bay Sections</li> <li>- FBSHA</li> <li>- WBSHA</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Spiridon Bay Special Harvest Area</li> </ul> <p><u>Effective</u> until 9:00 PM 7/10: Non-retention of Chinook salmon</p> <ul style="list-style-type: none"> <li>- Inner and Outer Karluk Section</li> </ul> <p><u>Closed water adjustments</u></p> <ul style="list-style-type: none"> <li>- Reduced until 9:00 PM 7/10 in: Foul Bay, Waterfall Bay, Saltery Creek and Settler Cove.</li> <li>- Increased until 9:00 PM 7/10 in: Malina Creek Terminal Harvest Area (MCTHA)</li> </ul>
17	12:00 NOON 7/5/05	6:00 AM 7/7/05	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 7/7 to 9:00 AM 7/10</li> <li>- Moser Bay Section from NOON 7/7 to 3:00 PM 7/10</li> <li>- Alitak Bay Section from 6:00 PM 7/7 to 9:00 PM 7/10</li> <li>- Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 7/8 to 9:00 AM 7/11</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Spiridon Bay Special Harvest Area</li> </ul>
18	11:00 AM 7/8/05	9:00 PM 7/8/05	<p><u>Closing</u> at 9:00 PM 7/8</p> <ul style="list-style-type: none"> <li>- Izhut Bay Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Duck Bay Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
19	10:00 AM 7/11/05	9:00 PM 7/11/05	<u>Closing</u> at 9:00 PM 7/11 - Duck Bay Section
		6:00 AM 7/12/05	<u>Opening</u> in the Alitak District - Olga Bay Section from 6:00 AM 7/12 to 9:00 AM 7/16 - Moser Bay Section from NOON 7/12 to 3:00 PM 7/16 - Alitak Bay Section from 6:00 PM 7/12 to 9:00 PM 7/16 - Cape Alitak, and Humpy-Deadman Sections from 6:00 AM 7/13 to 9:00 AM 7/17
		12:00 NOON 7/12/05	<u>Opening</u> for 105 hours NOON 7/12 to 9:00 PM 7/16 - Afognak District (except Duck Bay, Izhut Bay, Outer Kitoi and Inner Kitoi Bay Sections) - Northwest Kodiak District - Inner and Outer Karluk Sections - Eastside Kodiak District - Northeast Kodiak District
		12:00 NOON 7/12/05	<u>Opening</u> for 57 hours NOON 7/12 to 9:00 PM 7/14 - Mainland District (except Wide Bay & Cape Igvak Sections)  <u>Open</u> until further notice - Spiridon Bay Special Harvest Area  <u>Effective</u> until further notice: Non-retention of Chinook salmon - Inner and Outer Karluk Section
20	8:30 PM 7/12/05	12:01 AM 7/13/05	<u>Closing</u> the Seaward Zones at 12:01 AM 7/13 - Northwest Afognak Section - Shuyak Island Section - Big River Section - Hallo Bay Section - Outer Kukak Bay Section - Dakavak Bay Section
		9:00 PM 7/21/05	<u>Closing</u> at 9:00 PM 7/21 - Shoreward Zones of the Dakavak Bay, Outer Kukak Bay, Hallo Bay, and Big River Sections; - Alinchak, Katmai, and Inner Kukak Bay Sections  <u>Open</u> until further notice - Spiridon Bay Special Harvest Area  <u>Effective</u> until further notice: Non-retention of Chinook salmon - Inner and Outer Karluk Section

-continued-

Appendix B2.-Page 12 of 22.

E.O.#	Issued	Effective	Action Taken
21	10:30 AM 7/15/05	9:00 AM 7/16/05	<u>Extension</u> in the Alitak District for 72 hours as follows <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 7/19</li> <li>- Moser Bay Section until 3:00 PM 7/19</li> <li>- Alitak Bay Section until 9:00 PM 7/19</li> <li>- Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 7/20</li> </ul>
		12:00 NOON 7/17/05	<u>Opening</u> at 12:00 NOON 7/17 until further notice <ul style="list-style-type: none"> <li>- Duck Bay Section</li> </ul>
			<u>Open</u> until further notice <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> </ul>
			<u>Effective</u> until further notice: Non-retention of Chinook salmon <ul style="list-style-type: none"> <li>- Inner and Outer Karluk Section</li> </ul>
22	9:30 AM 7/18/05	9:00 AM 7/19/05	<u>Extension</u> in the Alitak District for 96 hours as follows <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 7/23</li> <li>- Moser Bay Section until 3:00 PM 7/23</li> <li>- Alitak Bay Section until 9:00 PM 7/23</li> <li>- Cape Alitak, and Humpy-Deadman Sections until 9:00 AM 7/24</li> </ul>
		12:00 NOON 7/19/05	<u>Opening</u> at 12:00 NOON 7/19 until further notice <ul style="list-style-type: none"> <li>- Izhut Bay Section</li> </ul>
		12:00 NOON 7/19/05	<u>Opening</u> for 105 hours NOON 7/19 to 9:00 PM 7/23 <ul style="list-style-type: none"> <li>- Afognak District (except Seaward Zones of Northwest Afognak and Shuyak Island Sections and Inner and Outer Kitoi Bay Sections remain closed)</li> <li>- Northwest Kodiak District</li> <li>- Eastside Kodiak District</li> <li>- Northeast Kodiak District</li> </ul>
		12:00 NOON 7/19/05	<u>Opening</u> for 57 hours NOON 7/19 to 9:00 PM 7/21 <ul style="list-style-type: none"> <li>- Mainland District (except the Seaward Zones of the Big River, Hallo Bay, Outer Kukak Bay, and Dakavak Bay Sections and Wide Bay &amp; Cape Igvak Sections remain closed)</li> </ul>
			<u>Open</u> until further notice <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Duck Bay Section</li> </ul>
23	12:00 NOON 7/19/05	12:00 NOON 7/20/05	<u>Opening</u> at 12:00 NOON 7/20 until further notice <ul style="list-style-type: none"> <li>- Outer Kitoi Bay Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
23 (Cont.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> </ul>
24	10:30 AM 7/22/05	9:00 PM 7/23/05	<p><u>Extension</u> until 9:00 PM 7/30</p> <ul style="list-style-type: none"> <li>- Southwest Afognak Section</li> <li>- Northwest Kodiak District (except Inner Uganik Bay, Spiridon Bay, and Zachar Bay Sections)</li> <li>- Eastside Kodiak District (except Seven Rivers and Inner Ugak Bay Sections)</li> </ul>
		9:00 AM 7/23/05	<p><u>Extension</u> in the Alitak District as follows</p> <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 7/30</li> <li>- Moser Bay Section until 3:00 PM 7/30</li> <li>- Alitak Bay Section until 9:00 PM 7/30</li> <li>- Cape Alitak and Humpy-Deadman Sections until 9:00 AM 7/31</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Outer Kitoi Bay Section</li> </ul>
25	12:00 NOON 7/25/05	9:00 PM 7/26/05	<p><u>Closing</u> at 9:00 PM 7/26</p> <ul style="list-style-type: none"> <li>- Outer Kitoi Bay Section</li> <li>- Izhut Bay Section</li> </ul>
		12:00 NOON 7/26/05	<p><u>Opening</u> for 105 hours NOON 7/26 to 9:00 PM 7/30</p> <ul style="list-style-type: none"> <li>- Afognak District (except the Outer Kitoi Bay Section which will close and the Inner Kitoi Bay Section which is closed and the Southwest Afognak Section which is open )</li> <li>- Inner Uganik Bay Section</li> <li>- Spiridon Bay Section</li> <li>- Zachar Bay Section</li> <li>- Northeast Kodiak District</li> <li>- Seven Rivers and Inner Ugak Bay Sections</li> <li>- Mainland District</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Duck Bay Section</li> </ul>

-continued-

Appendix B2.-Page 14 of 22.

E.O.#	Issued	Effective	Action Taken
25 (Cont.)			<u>Opening of Special Harvest Areas:</u> - Inner and Outer Kitoi Bay Sections
26	10:00 AM 7/29/05	9:00 PM 7/30/05	<u>Opening</u> until further notice - Humpy-Deadman Section - Two-Headed Section - Sitkalidak Section - Outer Ugak Bay Section - Southeast Afognak Section  <u>Open</u> until further notice - Spiridon Bay Special Harvest Area - Duck Bay Section
27	11:00 AM 7/31/05	9:00 PM 8/1/05  12:00 NOON 8/3/05	<u>Closing</u> at 9:00 PM 8/1 - Duck Bay Section  <u>Opening</u> at 12:00 NOON 8/3 until further notice - Duck Bay Section  <u>Open</u> until further notice - Spiridon Bay Special Harvest Area - Humpy-Deadman Section - Two-Headed Section - Sitkalidak Section - Outer Ugak Bay Section - Southeast Afognak Section
28	9:30 AM 8/1/05	12:00 NOON 8/2/05  6:00 AM 8/2/05	<u>Opening</u> from 12:00 NOON 8/2 until 9:00 PM 8/5 - Southwest Afognak Section - Northwest Afognak Section - Shuyak Island Section - Pauls Bay Section - Northeast Afognak Section - Northwest Kodiak District (except Inner Uganik Bay, Spiridon Bay, and Zachar Bay Sections) - Seven Rivers Section - Inner Ugak Bay Section - Northeast Kodiak District  <u>Opening</u> in the Alitak District - Olga Bay Section from 6:00 AM 8/2 to 9:00 AM 8/5 - Moser Bay Section from NOON 8/2 to 3:00 PM 8/5

-continued-

Appendix B2.-Page 15 of 22.

E.O.#	Issued	Effective	Action Taken
28 (Cont.)			<ul style="list-style-type: none"> <li>- Alitak Bay Section from 6:00 PM 8/2 to 9:00 PM 8/5</li> <li>- Cape Alitak Section from 6:00 AM 8/3 to 9:00 AM 8/6</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Humpy-Deadman Section</li> <li>- Two-Headed Section</li> <li>- Sitkalidak Section</li> <li>- Outer Ugak Bay Section</li> <li>- Southeast Afognak Section</li> </ul>
29	2:00 PM 8/1/05	2:00 PM 8/1/05	<p><u>Designation as a Special Harvest Area:</u> from 8/1 to 10/31</p> <ul style="list-style-type: none"> <li>- Izhut Bay Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Humpy-Deadman Section</li> <li>- Two-Headed Section</li> <li>- Sitkalidak Section</li> <li>- Outer Ugak Bay Section</li> <li>- Southeast Afognak Section</li> </ul>
30	10:30 AM 8/4/05	9:00PM 8/5/05	<p><u>Extension</u> until 9:00 PM 8/9</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay, Spiridon Bay, and Zachar Bay Sections)</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Northeast Afognak Sections</li> </ul> <p>12:00 NOON 8/5/05</p> <p><u>Opening</u> for 96 hours from 12:00 NOON 8/5 to 9:00 PM 8/9</p> <ul style="list-style-type: none"> <li>- Outer Karluk Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Humpy-Deadman Section</li> <li>- Two-Headed Section</li> <li>- Sitkalidak Section</li> <li>- Outer Ugak Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Duck Bay Section</li> </ul>
31	10:30 AM 8/8/05	9:00PM 8/9/05	<p><u>Extension</u> until 9:00 PM 8/12</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay, Spiridon Bay, and Zachar Bay Sections)</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
31 (Cont.)			<ul style="list-style-type: none"> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Northeast Afognak Section</li> <li>- Outer Karluk Section</li> </ul>
		12:00 NOON 8/9/05	<u>Opening</u> from 12:00 NOON 8/9 to 9:00 PM 8/12 <ul style="list-style-type: none"> <li>- Northwest Afognak</li> <li>- Shuyak Island</li> <li>- Sturgeon Section</li> <li>- Seven Rivers Section</li> <li>- Northeast Kodiak District</li> </ul>
		6:00 AM 8/9/05	<u>Opening</u> in the Alitak District <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 8/9 to 9:00 AM 8/12</li> <li>- Moser Bay Section from NOON 8/9 to 3:00 PM 8/12</li> <li>- Alitak Bay Section from 6:00 PM 8/9 to 9:00 PM 8/12</li> <li>- Cape Alitak Section from 6:00 AM 8/10 to 9:00 AM 8/13</li> </ul>
		12:00 NOON 8/10/05	<u>Opening</u> for 33 hours form 12:00 NOON 8/10 to 9:00 PM 8/11 <ul style="list-style-type: none"> <li>- Izhut Bay Section (north of a line from Haystack Rock to Pillar Cape)</li> </ul>
			<u>Open</u> until further notice <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Humpy-Deadman Section</li> <li>- Two-Headed Section</li> <li>- Sitkalidak Section</li> <li>- Outer Ugak Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Duck Bay Section</li> </ul>
32	11:30 AM 8/11/05	9:00 PM 8/12/05	<u>Extension</u> until 9:00 PM 8/16 <ul style="list-style-type: none"> <li>- Northwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Northeast Afognak Section</li> </ul>
		12:00 NOON 8/12/05	<u>Opening</u> at NOON 8/12 until further notice <ul style="list-style-type: none"> <li>- Zachar Bay Section</li> <li>- Spiridon Bay Section</li> </ul>
		9:00 PM 8/12/05	<u>Extension</u> until further notice <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Southwest Afognak Section</li> <li>- Outer Karluk Section</li> </ul>

-continued-

Appendix B2.-Page 17 of 22.

E.O.#	Issued	Effective	Action Taken
32 (Cont.)			<ul style="list-style-type: none"> <li>- Sturgeon Section</li> <li>- Seven Rivers Section</li> <li>- Northeast Kodiak District</li> <li>- Izhut Bay Section (north of a line from Haystack Rock to Pillar Cape)</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> <li>- Humpy-Deadman Section</li> <li>- Two-Headed Section</li> <li>- Sitkalidak Section</li> <li>- Outer Ugak Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Duck Bay Section</li> </ul>
33	11:30 AM 8/15/05	12:00 NOON 8/17/05	<p><u>Opening</u> from 12:00 NOON 8/17 to 6:00 PM 8/19</p> <ul style="list-style-type: none"> <li>- Perenosa Bay Section</li> <li>- Shuyak Island Section</li> <li>- Inner and Outer Kukak Bay Sections</li> <li>- Halibut Bay Section</li> </ul>
		9:00 PM 8/12/05	<p><u>Extension</u> until further notice</p> <ul style="list-style-type: none"> <li>- Pauls Bay Section</li> </ul>
		9:00 PM 8/16/05	<p><u>Extension</u> until 6:00 PM 8/19</p> <ul style="list-style-type: none"> <li>- Northwest Afognak Section</li> <li>- Northeast Afognak Section</li> </ul>
		6:00 pm 8/16/05	<p><u>Closing</u> at 6:00 pm 8/16</p> <ul style="list-style-type: none"> <li>- Spiridon Bay Special Harvest Area</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Outer Karluk Section</li> <li>- Sturgeon Section</li> <li>- Humpy-Deadman Section</li> <li>- Eastside Kodiak District (except the Inner Ugak Bay)</li> <li>- Northeast Kodiak District</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Duck Bay Section</li> </ul>
34	11:30 AM 8/16/05	12:00 NOON 8/17/05	<p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> <li>- All of Izhut Bay Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
34 (Cont.)			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Outer Karluk Section</li> <li>- Sturgeon Section</li> <li>- Humpy-Deadman Section</li> <li>- Eastside Kodiak District (except the Inner Ugak Bay)</li> <li>- Northeast Kodiak District</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section (north of a line from Haystack Rock to Pillar Cape).</li> </ul>
35	9:30 AM 8/18/05	12:00 NOON 8/19/05	<p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> <li>- Outer Kitoi Bay Section</li> <li>- Halibut Bay Section</li> </ul>
		6:00 AM 8/19/05	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 8/19 to 9:00 AM 8/20</li> <li>- Moser Bay Section from NOON 8/19 to 3:00 PM 8/20</li> <li>- Alitak Bay Section from 6:00 PM 8/19 to 9:00 PM 8/20</li> <li>- Cape Alitak Section from 6:00 AM 8/20 to 9:00 AM 8/21</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Outer Karluk Section</li> <li>- Sturgeon Section</li> <li>- Humpy-Deadman Section</li> <li>- Eastside Kodiak District (except the Inner Ugak Bay)</li> <li>- Northeast Kodiak District</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> </ul>
36	11:30 AM 8/24/05	6:00 PM 8/24/05	<p><u>Closing</u> at 6:00 PM 8/24</p> <ul style="list-style-type: none"> <li>- Outer Kitoi Bay Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Outer Karluk Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
36 (Cont.)			<ul style="list-style-type: none"> <li>- Sturgeon Section</li> <li>- Halibut Bay Section</li> <li>- Humpy-Deadman Section</li> <li>- Eastside Kodiak District (except the Inner Ugak Bay)</li> <li>- Northeast Kodiak District</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> </ul> <p><u>Closed water adjustments</u> Reduced in Izhut Bay to terminus of stream # 252-310 from 6:00 PM 8/25 until further notice</p>
37	11:30 AM 8/26/05	12:00 NOON 8/27/05	<p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> <li>- Outer Kitoi Bay Section</li> <li>- Inner Uganik Bay Section</li> <li>- Inner Ugak Bay Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District (except Inner Uganik Bay)</li> <li>- Outer Karluk Section</li> <li>- Sturgeon Section</li> <li>- Halibut Bay Section</li> <li>- Humpy-Deadman Section</li> <li>- Eastside Kodiak District (except the Inner Ugak Bay)</li> <li>- Northeast Kodiak District</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> </ul> <p><u>Closed water adjustments</u> Reduced in Izhut Bay to terminus of stream # 252-310 until further notice</p>
38	11:30 AM 8/29/05	6:00 PM 8/30/05	<p><u>Closing</u> at 6:00 PM 8/30</p> <ul style="list-style-type: none"> <li>- Humpy-Deadman</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District</li> <li>- Outer Karluk Section</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
38 (Cont.)			<ul style="list-style-type: none"> <li>- Sturgeon Section</li> <li>- Halibut Bay Section</li> <li>- Eastside Kodiak District</li> <li>- Northeast Kodiak District</li> <li>- Outer Kitoi Bay</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> </ul> <p><u>Closed water adjustments</u> Reduced in Izhut Bay to terminus of stream # 252-310 until further notice</p>
39	11:30 AM 9/1/05	6:00 AM 9/4/05	<p><u>Opening</u> in the Alitak District</p> <ul style="list-style-type: none"> <li>- Olga Bay Section from 6:00 AM 9/4 to 9:00 AM 9/6</li> <li>- Moser Bay Section from NOON 9/4 to 3:00 PM 9/6</li> <li>- Alitak Bay Section from 6:00 PM 9/4 to 9:00 PM 9/6</li> <li>- Cape Alitak and Humpy-Deadman Sections from 6:00 AM 9/5 to 9:00 AM 9/7</li> </ul> <p>9:00 PM 9/2/05</p> <p><u>Opening</u> until further notice</p> <ul style="list-style-type: none"> <li>- Inner and Outer Ayakulik Section</li> </ul> <p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District</li> <li>- Outer Karluk Section</li> <li>- Sturgeon Section</li> <li>- Halibut Bay Section</li> <li>- Eastside Kodiak District</li> <li>- Northeast Kodiak District</li> <li>- Outer Kitoi Bay</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> </ul> <p><u>Closed water adjustments</u> Reduced in Izhut Bay to terminus of stream # 252-310 until further notice</p>

-continued-

E.O.#	Issued	Effective	Action Taken
40	11:00 AM 9/5/05	9:00 AM 9/6/05	<p><u>Extension</u> in the Alitak District as follows</p> <ul style="list-style-type: none"> <li>- Olga Bay Section until 9:00 AM 9/10</li> <li>- Moser Bay Section until 3:00 PM 9/10</li> <li>- Alitak Bay Section until 9:00 PM 9/10</li> <li>- Cape Alitak and Humpy-Deadman Sections until 9:00 AM 9/11</li> </ul>
		6:00 PM 9/6/05	<p><u>Closing</u> at 6:00 PM 9/6</p> <ul style="list-style-type: none"> <li>- Outer Ugak Bay Section</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District</li> <li>- Southwest Kodiak District (except Inner Karluk Section)</li> <li>- Eastside Kodiak District</li> <li>- Northeast Kodiak District</li> <li>- Outer Kitoi Bay</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> </ul>
			<p><u>Closed water adjustments</u></p> <p>Reduced in Izhut Bay to terminus of stream # 252-310 until further notice</p>
41	11:00 AM 9/9/05	9:00 AM 9/10/05	<p><u>Extension</u> in the Alitak District until further notice</p>
		6:00 PM 9/10/05	<p><u>Closing</u> at 6:00 PM 9/10</p> <ul style="list-style-type: none"> <li>- Northeast Kodiak District</li> <li>- Sitkalidak Section</li> </ul>
			<p><u>Open</u> until further notice</p> <ul style="list-style-type: none"> <li>- Northwest Kodiak District</li> <li>- Southwest Kodiak District (except Inner Karluk Section)</li> <li>- Alitak District</li> <li>- Eastside Kodiak District (except Outer Ugak and Sitkalidak Sections)</li> <li>- Outer Kitoi Bay</li> <li>- Duck Bay Section</li> <li>- Izhut Bay Section</li> <li>- Southeast Afognak Section</li> <li>- Southwest Afognak Section</li> <li>- Pauls Bay Section</li> <li>- Mainland District (except Inner Kukak Bay Section)</li> </ul>

-continued-

E.O.#	Issued	Effective	Action Taken
41 (Cont.)			<p><u>Closed water adjustments</u>                      Reduced in Izhut Bay to terminus of stream # 252-310 and Southeast Afognak Section to subsistence markers until further notice</p>
42	10:00 AM 9/16/05	12:00 NOON 9/17/05	<p><u>Opening</u> for 6 hours from 12:00 NOON 9/17 to 6:00 PM 9/17                      - Inner Kitoi Bay Section</p> <p><u>Open</u> until further notice                      - Northwest Kodiak District                      - Southwest Kodiak District (except Inner Karluk Section)                      - Alitak District                      - Eastside Kodiak District (except Outer Ugak and Sitkalidak Sections)                      - Outer Kitoi Bay                      - Duck Bay Section                      - Izhut Bay Section                      - Southeast Afognak Section                      - Southwest Afognak Section                      - Pauls Bay Section                      - Mainland District (except Inner Kukak Bay Section)</p> <p><u>Closed water adjustments</u>                      Reduced in Izhut Bay to terminus of stream # 252-310 and Southeast Afognak Section to subsistence markers until further notice</p>
43	10:30 AM 9/21/05	12:00 NOON 9/22/05	<p><u>Opening</u> at 12:00 NOON 9/22 until further notice                      - Inner Kitoi Bay Section                      - Inner Karluk Section</p> <p><u>Open</u> until further notice                      - Northwest Kodiak District                      - Southwest Kodiak District                      - Alitak District                      - Eastside Kodiak District (except Outer Ugak and Sitkalidak Sections)                      - Afognak District (except Raspberry Strait, Northwest Afognak, Shuyak Islands, Perenosa Bay, and Northeast Afognak Section)                      - Mainland District (except Inner Kukak Bay Section)</p> <p><u>Closed water adjustments</u>                      Reduced in Izhut Bay to terminus of stream # 252-310 and Southeast Afognak Section to subsistence markers until further notice</p>

## **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 (Simon et al. 1969). The issue of interception of Chignik-bound sockeye salmon in the Cape Igvak Section came before the Alaska 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) covers the time period from June 5 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 the June 5 to July 25 period will 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 KMA fleet to harvest up to 15% of the Chignik-bound sockeye salmon harvest<sup>1</sup>. The CISMP also stipulates strict allocative and biological requirements. From June 5 through July 25 in Chignik, a minimum harvest of 600,000 sockeye must be expected (300,000 for both the early and late run), and sockeye salmon escapement must be at desired levels. Commercial fisheries must begin in the CMA before fisheries are allowed in the Cape Igvak Section (Brennan et al. 2005).

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 and has averaged 10.9%, of the total CMA sockeye salmon harvest (Appendix C3 and C4). The Cape Igvak harvest has met or exceeded the 15% allocation level only 6 times (1983, 1987, 1993, 1999, 2004 and 2005).

## **2005 Cape Igvak Fishery**

### ***Early Run***

The preseason forecast for the Chignik system called for a return of approximately 1.84 million early-run (Black Lake) sockeye salmon. The early-run escapement goal is 350,000 to 400,000

---

-continued-

---

<sup>1</sup> 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.

sockeye salmon by June 30 (Nelson et al. 2005). This left a forecasted harvestable surplus of 1,490,000 early-run sockeye salmon (Bouwens 2005).

The Igvak Section was allowed to open on June 10. The 2005 early Chignik sockeye salmon return was close to forecasted run strength. Thirteen days of fishing were allowed in June during the early run to Chignik. By June 24, there were 304,809 sockeye salmon harvested from the Cape Igvak Section. An estimated 90% of these sockeye salmon, or 274,328 fish, were considered Chignik-bound salmon. Combined with the harvest in the CMA and with Chignik-bound sockeye salmon harvested in the Southeast District Mainland Fishery of Area M, the cumulative Cape Igvak harvest was 27.13% of the total Chignik sockeye harvest on June 24. The CISMP provides for an “overlap period” between the first and second runs (approximately 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 Igvak fishery was closed from June 26 through July 9.

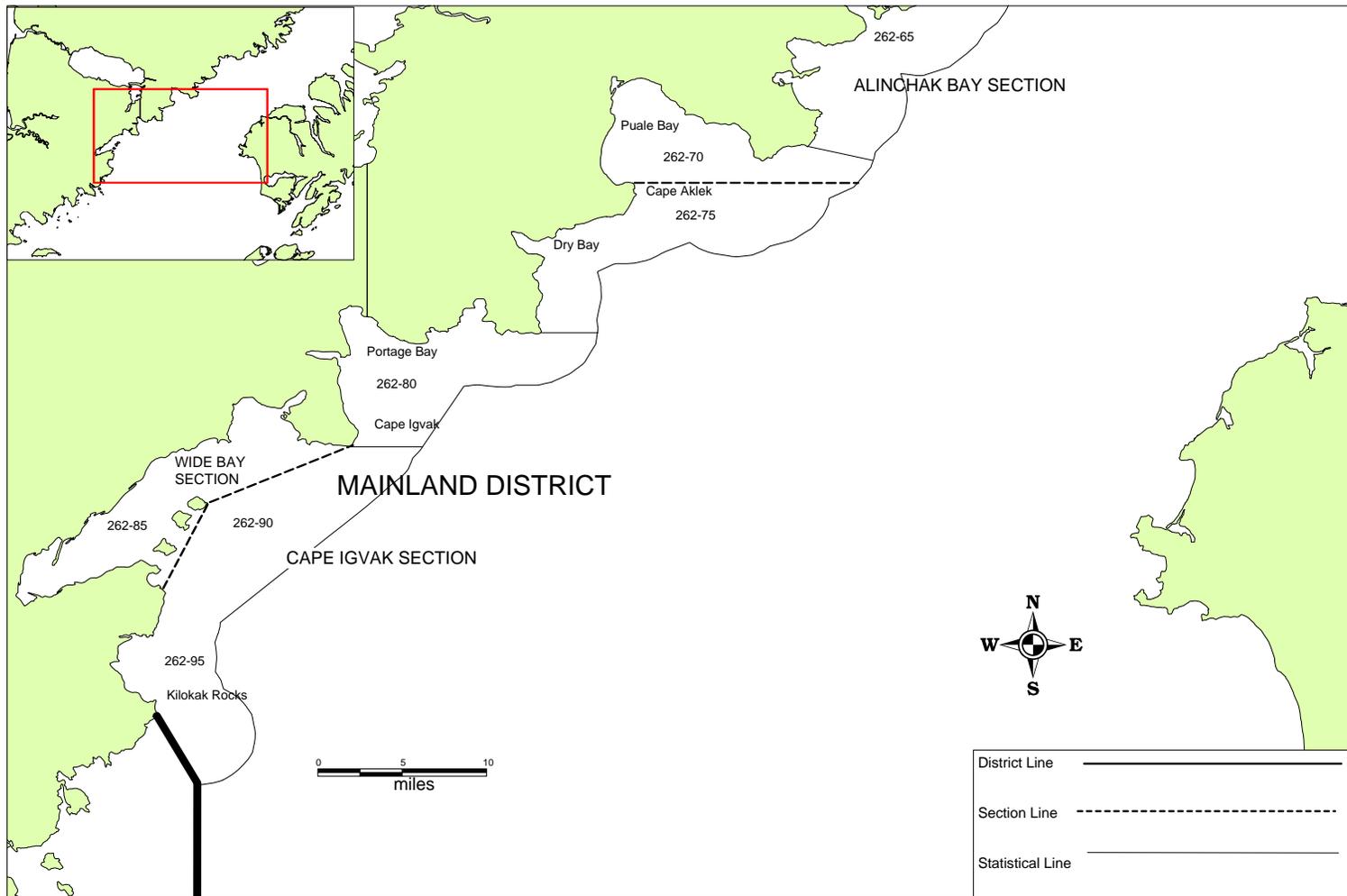
### ***Late Run***

In 2005, the preseason forecast for late-run (Chignik Lake) sockeye salmon was approximately 552,000 fish. The late-run escapement goal is 225,000 to 250,000 sockeye salmon (Nelson et al. 2005). This left a forecasted harvestable surplus of 302,000 sockeye salmon.

By July 10, it was apparent the late run was as weak as forecast. Minimum harvest objectives and escapement objectives were not being met in Chignik and no commercial salmon fishing periods were allowed on the late run prior to July 25 which concluded the time period that the CISMP was in effect in the Cape Igvak Section. At the end of the Cape Igvak season the cumulative harvest of Chignik-bound sockeye salmon (still 274,328 fish) was 17.69% of the total Chignik sockeye salmon harvest.

### **LITERATURE CITED**

- Bouwens, K.A. 2005. Chignik Area Commercial Salmon Fishery Harvest Strategy, 2005. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-43, Kodiak.
- Brennan, K., D. Gretsch, and J. Wadle. 2005. Kodiak Management Area harvest strategy for the 2005 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-32, Kodiak.
- Nelson P A., M.J. Witteveen, S.G.Honnold, I. Vining and J.J. Hasbrouck. 2005. Review of salmon escapement goals in the Chignik Management Area. Alaska Department of Fish and Game, Fishery Manuscript No. 05-06, Anchorage.
- Simon, R.J., J. Lechner, M.F. Eaton, and P.B. Jackson. 1969. Kodiak Management Area Annual Report, 1969. State of Alaska, Division of Commercial Fisheries, Region IV Report (unpublished), Kodiak.
-



Appendix C2.-Map of the Cape Igvak Section of the Kodiak Management Area, 2005.

**Appendix C3.-Harvest of sockeye salmon considered to be Chignik bound in the Chignik, Cape Igvak, and Southeastern District Mainland commercial salmon fisheries, from 1978-2005.**

Year	Chignik		Cape Igvak <sup>a</sup>		Southeastern District Mainland <sup>a</sup>		Total
	Catch <sup>b</sup>	Percent	Catch <sup>b</sup>	Percent	Catch <sup>b</sup>	Percent	
1978 <sup>c,d</sup>	1,454,389	86.60	225,078	13.40	N/A	N/A	1,679,467
1979 <sup>e</sup>	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 <sup>f</sup>	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	0	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 <sup>g</sup>	1,962,583	80.45	324,195	13.29	152,714	6.26	2,439,492
1992 <sup>h</sup>	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 <sup>i</sup>	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 <sup>j</sup>	1,710,249	79.70	308,327	14.37	127,201	5.93	2,145,777
1997	443,892	100.00	0	0.00	0	0.00	443,892
1998 <sup>k</sup>	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 <sup>l</sup>	1,134,991	79.41	215,214	15.06	79,037	5.53	1,429,242
2002 <sup>m</sup>	849,980	80.99	136,488	13.01	63,026	6.01	1,049,494
2003	855,179	81.68	121,887	11.64	69,935	6.68	1,047,001
2004	681,120	75.94	160,665	17.91	55,123	6.15	896,908
2005	1,097,405	70.82	274,328	17.70	177,906	11.48	1,549,639

<sup>a</sup> 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 only 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 1996, 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%.

<sup>b</sup> Catch numbers were last modified from the ADF&G computerized historical fish ticket database in 2005.

<sup>c</sup> 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 fishers.

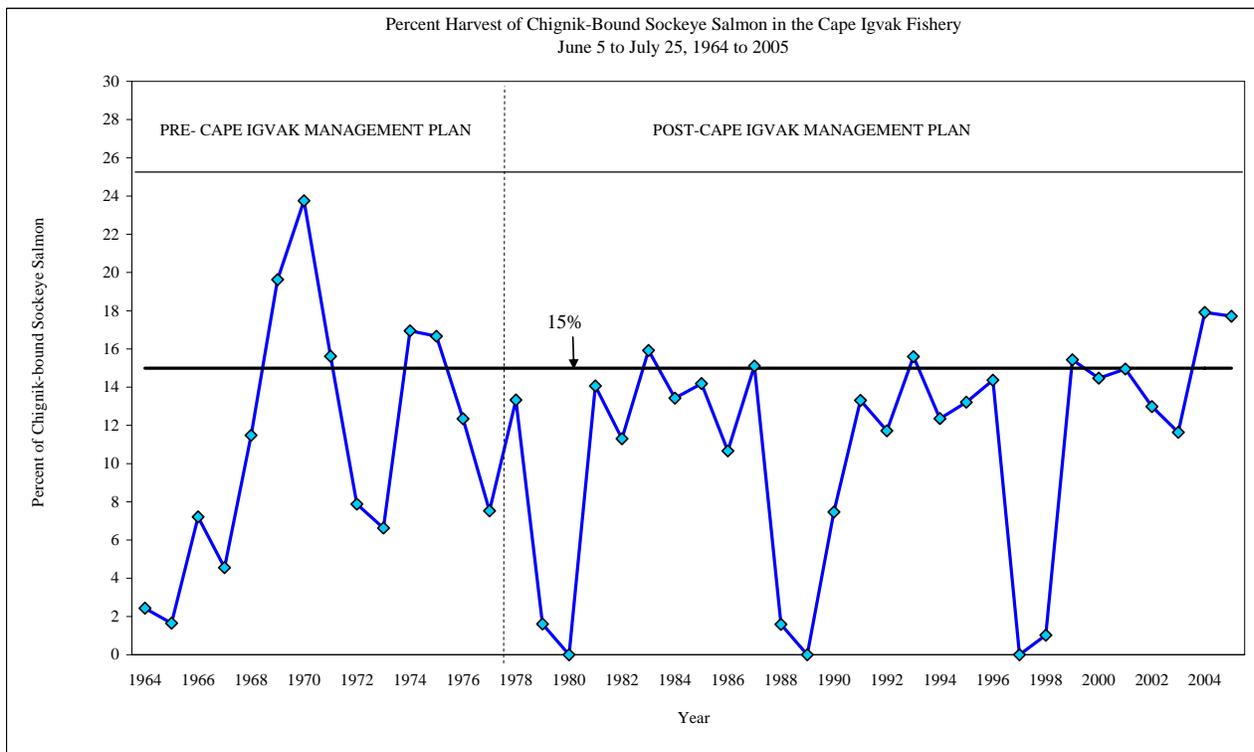
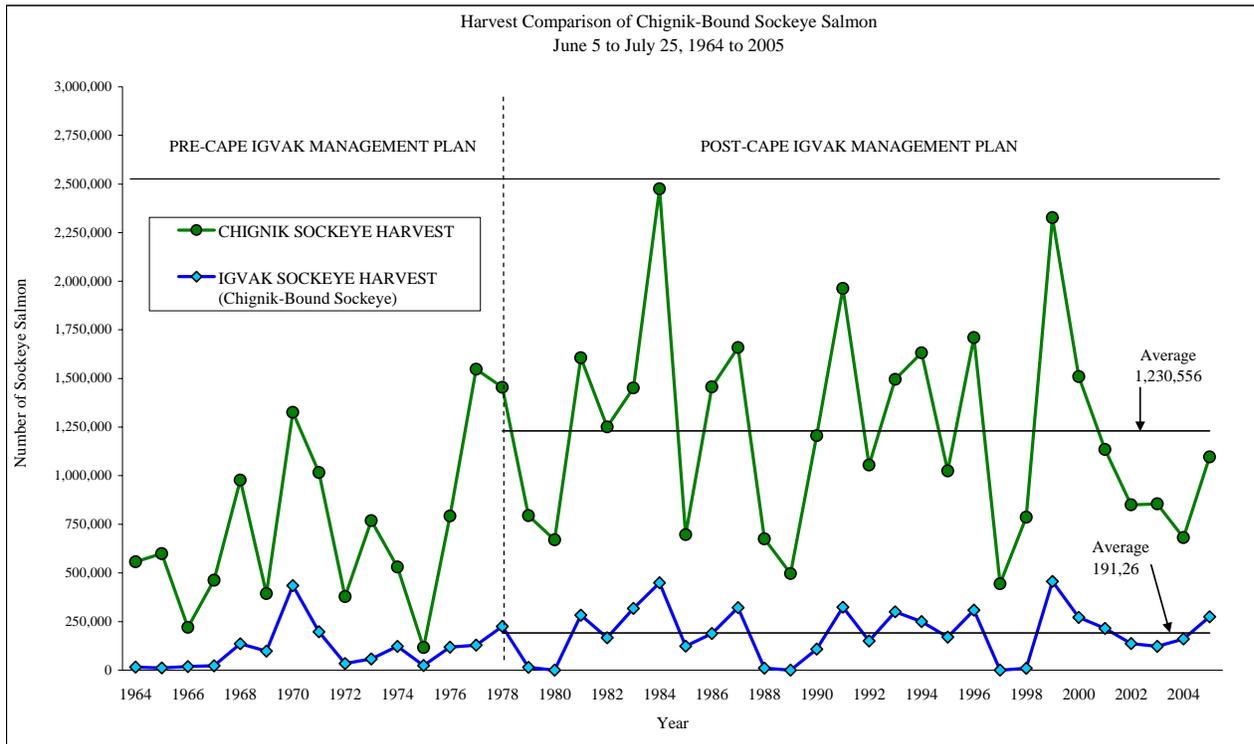
<sup>d</sup> In 1978, seining prior to July 11 was disallowed in the Southeastern District Mainland. Set gillnet fisheries were allowed for 3 days per week through July 10, after which the fishery was based on local stock abundance.

<sup>e</sup> 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.

-continued-

- <sup>f</sup> 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.
- <sup>g</sup> Includes over-escapement of 208,305 sockeye salmon, counted through the Chignik weir during a Chignik Area Seiners strike (June 23 to July 4).
- <sup>h</sup> Beginning in 1992, after Board of Fisheries review of historical records, the allocation of Chignik bound sockeye to the Southeastern District Mainland fishery (excluding Orzinski Bay) was increased to 7.0%, through July 25.
- <sup>i</sup> Includes over-escapement of 208,921 sockeye salmon, counted through the Chignik weir during a Chignik Area Seiners strike (June 2 to June 25).
- <sup>j</sup> 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 percent to 6.0 percent.
- <sup>k</sup> Includes 7,714 sockeye salmon caught on June 18 by the Chignik Seiners Association (CSA), and an over escapement of 52,131 sockeye salmon counted past the weir during the CSA boycott (June 16 to June 29).
- <sup>l</sup> Includes 176,605 sockeye salmon caught June 16-29 by the Chignik Seiners Association, and foregone harvest due to over-escapement of 398,887 in the CMA and 27,896 in the SEDM during the fishermen's strike (June 14 to July 2).
- <sup>m</sup> In 2002, the Board of Fisheries changed the regulations such that 90% of the sockeye salmon harvested in the Cape Igvak Section from June 5 through July 25 are to be considered Chignik bound.
-

**Appendix C4.-Impact of the Cape Igvak Salmon Management Plan.**



**Appendix C5.-Purse seine daily harvest, by species, for the Cape Igvak Salmon Management Plan units, 2005.**

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
First Period (JUNE 9-JULY 8)												
10-Jun	44	44	94	1,415	30,185	191,039	0	0	9,060	29,679	1,813	14,320
11-Jun	41	42	144	1,908	30,778	187,877	1	4	23,209	78,250	1,812	14,081
12-Jun	38	38	49	630	18,576	119,113	0	0	7,279	22,827	726	5,582
13-Jun	37	38	107	1,508	17,887	107,240	0	0	10,601	37,011	789	6,423
14-Jun	39	39	246	2,861	26,696	158,998	1	6	21,578	66,866	854	7,303
15-Jun	22	22	124	1,755	12,621	75,661	0	0	8,959	31,090	342	2,667
16-Jun	6	6	42	616	5,195	31,705	0	0	2,897	10,162	211	1,452
19-Jun	33	33	98	1,311	14,798	94,357	2	18	14,771	49,612	998	7,460
20-Jun	47	54	220	3,086	31,036	180,476	1	5	49,544	150,479	2,434	19,179
21-Jun	39	40	88	1,138	29,305	186,221	0	0	50,307	165,662	3,280	25,605
22-Jun	32	34	87	1,101	30,222	180,029	14	86	39,076	126,776	2,689	20,918
23-Jun	36	37	84	1,109	25,303	163,891	21	137	47,468	138,181	2,895	22,646
24-Jun	53	58	126	1,733	32,207	193,097	12	77	57,441	178,109	4,839	37,757
<b>Subtotal</b>	<b>71</b>	<b>485</b>	<b>1,509</b>	<b>20,171</b>	<b>304,809</b>	<b>1,869,704</b>	<b>52</b>	<b>333</b>	<b>342,190</b>	<b>1,084,704</b>	<b>23,682</b>	<b>185,393</b>
Second Period (JULY 9-JULY 25) No fishing allowed												
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Season total	71	485	1,509	20,171	304,809	1,869,704	52	333	342,190	1,084,704	23,682	185,393
Avg. Wt.				13.37		6.13		6.40		3.17		7.83

## **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, while seine gear is limited to the outer waters of the Cape Alitak and Humpy-Deadman Sections (Appendix D2). Prior to the mid-1980s, various strategies were applied in the Alitak District to conserve and build the 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 1987, the existing harvest strategy was formalized into a regulatory management plan, and was adopted by the BOF (ADF&G 2005; 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 (Brennan et al. 2005).

This management plan has been in effect since 1988 and was most recently revised by the BOF in 2002 and 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 (Brennan et al. 2005). 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 (ADF&G 2005; 5 AAC 18.361(c)).

## **2005 Alitak Fishery**

The 2005 forecast for the Frazer Lake system was 384,000 sockeye salmon (Eggers 2005; range 176,000 to 622,000), with an estimated harvestable surplus of approximately 244,000 sockeye salmon. The forecast for Upper Station early run was 170,000 sockeye salmon (range 113,000 to 231,000), with an estimated harvestable surplus of approximately 120,000 sockeye salmon (Eggers, 2005).

KMA managers tentatively scheduled a commercial salmon fishing period for June 5 in the AD if certain criteria were met prior to June 3. The intent of the early opening was to allow commercial fishermen the opportunity to harvest Upper Station early-run sockeye salmon prior to the Frazer Lake system sockeye salmon peak run timing. Sockeye salmon escapement to the Upper Station system began earlier than normal with higher than average daily escapement counts by June 3.

---

-continued-

By June 5, it was evident that the early Upper Station minimum escapement objective (Nelson et al. 2005; 30,000 fish) would be met. Test fish numbers also indicated a strong push of sockeye salmon traveling into Olga Bay. Since the established criteria were met, the department allowed a 33-hour test fishery on June 5. By June 6, the early-run escapement goal for Upper Station was achieved and Frazer Lake sockeye salmon escapement (35,530 fish) was well ahead of interim escapement objectives. Following a brief closure, another fishing period was allowed starting on June 7 in accordance with the Alitak District Management Plan (ADMP).

Escapements into the Upper Station System continued to meet interim objectives throughout the early run and several fishing periods were allowed interspersed with short closed periods. Through July 15, 60,349 sockeye salmon had escaped (Spalinger 2006) meeting the early Upper Station sustainable escapement goal (SEG) (30,000 – 65,000; Nelson et al. 2005).

The cumulative sockeye salmon escapement of Frazer Lake sockeye salmon through the Dog Salmon weir by July 1 (88,435 fish; Spalinger 2006), was on track to achieving the season total escapement goal (70,000 - 150,000; Nelson et al. 2005).

Escapement through the Dog Salmon weir by July 15 was 125,686 sockeye salmon (Spalinger 2006), which was within seasonal escapement objectives (70,000 – 150,000; Nelson et al. 2005).

The ADMP (5AAC 18.361) dictates that during odd-numbered years (as in 2005), from July 16 through August 9, commercial salmon fishing must be managed in the Cape Alitak, Moser, and Olga Bay Sections based on either the sockeye or pink salmon run to the Frazer system. The Humpy-Deadman Section shall be managed based on the strength of salmon runs to its systems through season's end. The late-run Upper Station sockeye salmon run was forecasted to be an estimated at 592,000 fish (range 384,000 to 813,000) with a harvestable surplus of approximately 417,000 (Eggers 2005). The 2005 forecasted pink salmon harvest for the AD was approximately 1.5 to 2.5 million pink salmon (Eggers 2005).

Because of the large return of late-run sockeye salmon expected at Upper Station, and continuing strong late escapements into Frazer Lake, extensive fishing time was allowed in the AD beginning July 16. Even with the commercial openings, the Upper Station sockeye salmon escapement counts continued to be large, exceeding interim objectives near the end of August. The remainder of the AD was allowed maximum fishing time until the end of the season.

The late-run Upper Station escapement was 156,401 sockeye salmon (Spalinger 2006), meeting the established SEG (120,000 to 265,000; Nelson et al. 2005).

### **Season Totals**

Thirty-seven gillnet permit holders fished in the Alitak Bay Section (statistical area 257-41), and harvested 5 Chinook, 248,045 sockeye, 1,464 coho, 97,077 pink, and 3,541 chum salmon (Appendix Table D3). Thirty-four gillnet permit holders fished in Moser Bay (statistical area 257-43), and harvested 25 Chinook, 161,337 sockeye, 1,549 coho, 66,908 pink, and 2,921 chum salmon (Appendix Table D3). Twenty-nine gillnet permit holders fished in Olga Bay (statistical

---

-continued-

area 257-40), and harvested 21 Chinook, 60,129 sockeye, 894 coho, 11,357 pink, and 2,776 chum salmon (Appendix Table D3).

Forty purse seine permit holders fished in the AD fisheries, and harvested 551 Chinook (92% of the total AD Chinook harvest), 308,394 sockeye (40%), 3,070 coho (44%), 4,017,680 pink (96%), and 13,601 chum salmon (60%; Appendices D4, D5 and D6). Seventy-two gillnet permit holders fished in the AD, and harvested 51 Chinook (8%), 469,511 sockeye (60%), 3,907 coho (56%), 175,342 pink (4%), and 9,238 chum (40%) salmon (Appendices D3, D5 and D6).

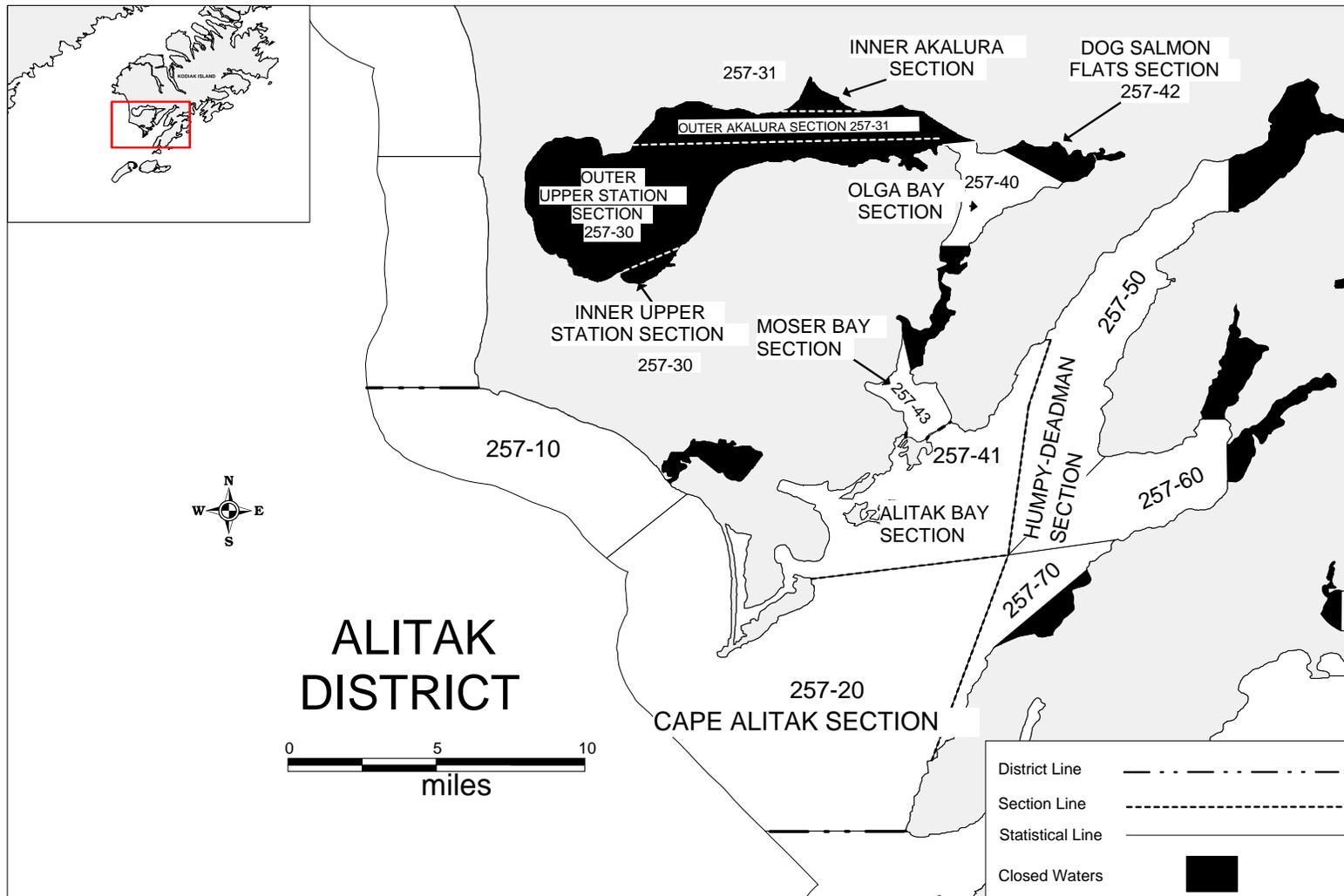
Terminal harvest fisheries were not prosecuted in 2005 in the AD. There was no salmon harvest allowed in the Dog Salmon Flats Section (statistical area 257-42), the Inner and Outer Upper Station Section (statistical area 257-30) or the Akalura Section (statistical area 257-31).

The Frazer Lake escapement (counted through the Dog Salmon weir) equaled 152,959 sockeye salmon (Table 6). However, the sockeye salmon escapement through the Frazer Lake fish pass equaled 136,948, which was within the current escapement goal range of 70,000 to 150,000 fish (Nelson et al. 2005). The total sockeye salmon escapement into the Upper Station system was 216,750 (Table 6) which was within the combined early and late-run escapement goals of 150,000 to 330,000 fish (Nelson et al. 2005).

---

### Literature Cited

- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Juneau.
- Brennan, K., J. Wadle, and D. Gretsche. 2005. Kodiak management area harvest strategy for the 2005 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-32, Kodiak.
- Eggers D.M., 2005. Run Forecasts and Harvest Projections for 2005 Alaska Salmon Fisheries and Review of the 2004 Season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Special Publication 05-01, Anchorage.
- Nelson P A., M.J. Witteveen, S.G.Honnold, I. Vining and J.J. Hasbrouck. 2005. Review of salmon escapement goals in the Kodiak Management area. Alaska Department of Fish and Game, Fishery Manuscript No. 05-05, Anchorage.
- Spalinger, G., 2006. Kodiak Area Management Salmon escapement cumulative counts, 1996-2005. Alaska Department of Fish and Game, Fisheries Management Report No. 06-06, Kodiak.
-



Appendix D2.-Map of the Alitak District showing sections statistical areas and closed waters, 2005.

**Appendix D3.-Set gillnet daily salmon harvest, by species and section, for the Alitak District sections, 2005.**

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													
	5-Jun	11	14	0	0	2,697	13,595	0	0	0	0	1	8
	6-Jun	10	13	1	21	1,912	9,862	0	0	0	0	0	0
	7-Jun	11	13	0	0	937	4,802	0	0	0	0	0	0
	8-Jun	9	10	0	0	812	4,200	0	0	0	0	1	8
	9-Jun	9	10	1	19	865	4,695	0	0	0	0	0	0
	10-Jun	8	8	1	13	252	1,322	0	0	0	0	1	10
	11-Jun	7	7	1	19	175	847	0	0	0	0	0	0
	14-Jun	11	16	0	0	1,539	8,393	0	0	0	0	11	104
	15-Jun	12	15	3	36	758	4,035	0	0	0	0	10	70
	16-Jun	9	9	0	0	332	1,698	0	0	0	0	9	67
	17-Jun	11	12	1	16	215	1,128	0	0	0	0	6	46
	18-Jun	6	6	0	0	70	367	0	0	0	0	5	91
	21-Jun	12	30	4	51	7,577	38,882	1	6	6	26	286	1,858
	22-Jun	9	13	0	0	2,622	12,766	0	0	6	22	65	569
	23-Jun	11	15	3	46	791	4,133	0	0	5	21	34	323
	24-Jun	11	12	1	22	653	3,462	0	0	7	23	100	905
	25-Jun	10	10	0	0	365	1,898	0	0	5	20	33	274
	26-Jun	11	14	3	31	306	1,607	0	0	9	41	63	592
	27-Jun	9	9	0	0	268	1,530	0	0	12	52	47	502
	28-Jun	4	4	0	0	66	351	0	0	1	4	5	50
	1-Jul	12	22	0	0	3,348	17,541	0	0	77	318	86	723
	2-Jul	10	17	0	0	923	4,725	0	0	51	215	44	412
	3-Jul	9	10	0	0	229	1,232	0	0	19	80	76	715
	4-Jul	5	5	0	0	50	265	0	0	8	31	3	20
	7-Jul	14	26	0	0	5,887	30,738	0	0	177	676	100	812
	8-Jul	10	16	0	0	1,662	8,987	0	0	151	600	69	655
	9-Jul	10	11	0	0	493	2,691	0	0	125	436	113	1,080
	10-Jul	6	6	0	0	116	703	0	0	43	190	6	51

-continued-

Appendix D3.-Page 2 of 8.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-40	12-Jul	12	24	0	0	3,357	18,010	0	0	538	2,201	328	2,857
(continued)	13-Jul	12	16	0	0	865	4,569	0	0	309	1,240	149	1,300
	14-Jul	10	13	1	15	559	3,105	0	0	481	1,981	88	779
	15-Jul	11	15	0	0	332	1,773	0	0	428	1,681	182	1,530
	16-Jul	9	9	0	0	145	804	0	0	116	497	30	301
	17-Jul	8	8	0	0	54	297	0	0	39	158	21	186
	18-Jul	6	6	0	0	143	763	0	0	66	276	36	242
	19-Jul	5	7	0	0	379	2,007	0	0	125	489	8	82
	20-Jul	5	5	0	0	347	1,862	0	0	123	463	13	115
	21-Jul	6	8	0	0	422	2,233	0	0	176	673	9	59
	22-Jul	6	7	0	0	307	1,607	0	0	178	653	10	94
	23-Jul	4	4	0	0	108	546	0	0	94	380	20	193
	24-Jul	8	9	0	0	415	2,191	0	0	239	957	22	171
	25-Jul	7	8	0	0	264	1,433	0	0	440	1,768	14	98
	26-Jul	5	5	0	0	166	903	0	0	277	1,015	8	73
	27-Jul	6	6	0	0	265	1,451	0	0	240	894	15	152
	28-Jul	7	7	0	0	217	1,158	0	0	265	1,014	10	84
	29-Jul	6	6	0	0	218	1,157	0	0	169	660	3	28
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Aug	9	20	0	0	2,224	12,258	5	33	849	3,399	63	574
	3-Aug	7	10	0	0	1,020	5,856	6	46	1,019	4,015	83	765
	4-Aug	7	7	0	0	249	1,297	3	18	376	1,415	33	279
	5-Aug	6	6	0	0	163	878	0	0	246	1,008	8	75
	9-Aug	10	22	0	0	2,763	15,201	11	71	1,274	4,989	95	874
	10-Aug	9	9	0	0	241	1,254	5	32	286	1,185	23	208
	11-Aug	8	8	1	5	174	938	11	81	336	1,285	34	320
	12-Aug	6	6	0	0	180	976	5	40	293	1,236	7	68
	19-Aug	9	16	0	0	2,300	12,454	44	369	1,104	4,216	73	716
	20-Aug	8	9	0	0	587	3,286	57	384	428	1,671	23	211
	4-Sep	7	13	0	0	1,902	10,746	201	1,836	26	104	45	330
	5-Sep	10	13	0	0	1,399	8,080	212	1,900	16	58	41	290

-continued-

Appendix D3.-Page 3 of 8.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-40	6-Sep	5	6	0	0	498	2,785	62	547	3	12	12	96
(continued)	7-Sep	5	5	0	0	507	3,016	97	851	15	63	22	207
	8-Sep	4	4	0	0	314	1,791	25	203	0	0	10	87
	9-Sep	4	4	0	0	422	2,326	44	384	0	0	19	138
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	Total	29	684	21	294	60,129	319,530	894	7,818	11,357	44,722	2,776	23,860
	Avg. wt.				14.0		5.3		8.7		3.9		8.6
Moser Bay Section													
257-43													
	5-Jun	14	16	2	45	2,996	15,344	0	0	0	0	0	0
	6-Jun	13	23	3	64	2,901	14,821	0	0	0	0	0	0
	7-Jun	11	13	0	0	1,970	10,348	0	0	1	4	0	0
	8-Jun	12	23	0	0	3,141	16,195	0	0	1	4	0	0
	9-Jun	11	19	1	16	2,125	10,860	0	0	0	0	0	0
	10-Jun	12	16	1	18	1,410	7,346	0	0	0	0	4	30
	11-Jun	10	10	0	0	616	3,196	0	0	0	0	0	0
	14-Jun	12	14	0	0	2,397	12,537	0	0	0	0	2	27
	15-Jun	13	17	1	17	1,901	10,458	0	0	2	7	6	51
	16-Jun	14	21	1	14	2,387	12,403	0	0	0	0	2	20
	17-Jun	14	19	1	17	2,272	11,748	0	0	4	14	19	137
	18-Jun	12	13	1	21	643	3,529	0	0	0	0	5	41
	21-Jun	12	14	1	12	4,046	20,344	0	0	6	23	22	151
	22-Jun	13	17	1	16	2,672	13,306	0	0	5	19	20	177
	23-Jun	15	21	1	4	2,030	11,094	0	0	11	44	48	446
	24-Jun	14	18	0	0	2,249	12,041	0	0	13	52	36	308
	25-Jun	12	15	0	0	1,614	8,556	1	7	21	91	47	363
	26-Jun	11	20	1	16	1,830	9,422	0	0	53	197	44	390

-continued-

Appendix D3.-page 4 of 8.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-43	27-Jun	12	18	0	0	1,430	7,815	0	0	57	218	39	335
(continued)	28-Jun	12	15	1	16	868	4,616	0	0	34	140	38	314
	1-Jul	10	15	1	14	5,199	27,060	1	5	153	584	132	1,017
	2-Jul	12	20	3	38	3,404	17,636	0	0	176	671	127	994
	3-Jul	12	21	0	0	2,204	11,628	2	16	164	614	106	835
	4-Jul	10	13	0	0	1,240	6,721	2	17	88	319	96	795
	7-Jul	12	19	0	0	5,795	30,515	0	0	450	1,657	117	921
	8-Jul	12	18	0	0	3,921	20,644	4	26	513	1,901	82	583
	9-Jul	9	12	0	0	1,885	10,022	0	0	573	2,199	81	624
	10-Jul	8	13	0	0	1,210	6,656	1	8	493	1,898	58	484
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	8	11	0	0	1,949	10,464	2	14	511	1,977	51	399
	13-Jul	13	19	0	0	3,416	18,195	0	0	1,367	5,996	130	990
	14-Jul	12	22	0	0	2,209	11,829	0	0	1,389	5,643	109	775
	15-Jul	11	16	0	0	1,598	8,557	4	32	1,291	4,868	67	547
	16-Jul	13	16	0	0	857	4,459	2	10	1,069	3,992	39	292
	17-Jul	10	14	0	0	1,130	5,886	2	10	1,125	4,444	44	459
	18-Jul	9	16	0	0	2,320	12,277	3	18	1,222	4,700	46	380
	19-Jul	12	22	0	0	4,040	21,997	4	30	1,711	6,538	54	483
	20-Jul	12	16	0	0	3,302	17,426	0	0	1,218	4,539	43	367
	21-Jul	12	21	1	19	3,156	16,221	1	11	1,948	7,936	46	403
	22-Jul	10	19	0	0	2,873	15,593	2	12	1,678	6,724	59	480
	23-Jul	12	17	0	0	2,861	15,683	2	12	1,944	7,717	34	305
	24-Jul	11	21	0	0	4,417	23,671	2	12	2,442	9,598	238	1,472
	25-Jul	14	19	0	0	2,118	11,539	5	35	2,130	8,543	262	1,122
	26-Jul	11	18	0	0	2,119	11,577	9	72	2,188	8,563	25	213
	27-Jul	11	19	1	21	1,648	8,852	7	60	1,987	7,692	21	190
	28-Jul	11	21	1	14	1,955	10,333	5	37	2,162	8,333	20	164
	29-Jul	11	18	0	0	2,862	15,298	0	0	2,211	8,329	18	158
	30-Jul	11	14	0	0	2,106	11,086	1	5	2,006	7,541	8	73

-continued-

Appendix D3.-Page 5 of 8.

96

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-43	2-Aug	11	16	0	0	2,689	14,982	4	31	3,194	12,251	22	207
(continued)	3-Aug	14	22	0	0	1,800	10,123	7	47	3,401	13,092	29	262
	4-Aug	12	17	0	0	2,114	10,800	8	52	3,832	14,261	28	246
	5-Aug	11	15	0	0	1,306	6,706	6	44	2,971	10,664	22	187
	9-Aug	14	16	0	0	2,239	12,267	5	34	2,909	11,220	39	306
	10-Aug	14	24	0	0	2,317	12,377	26	197	3,799	14,557	55	441
	11-Aug	14	23	0	0	2,915	15,558	30	219	4,331	15,989	49	427
	12-Aug	12	17	1	14	2,269	12,255	22	169	2,771	10,298	22	185
	19-Aug	13	14	0	0	1,954	10,523	38	310	2,458	9,305	26	213
	20-Aug	13	16	1	7	1,778	10,011	107	782	2,769	10,893	24	191
	4-Sep	11	11	0	0	1,749	9,995	125	1,106	19	63	5	35
	5-Sep	9	14	0	0	3,117	17,555	139	1,250	13	50	16	135
	6-Sep	10	15	0	0	1,776	9,881	153	1,383	7	28	13	124
	7-Sep	10	17	0	0	3,213	17,877	110	1,080	3	12	6	45
	8-Sep	9	15	0	0	2,517	13,860	71	654	0	0	4	36
	9-Sep	7	10	0	0	1,869	10,222	67	694	0	0	17	156
	10-Sep	7	10	0	0	1,788	9,773	92	922	0	0	11	84
	11-Sep	6	6	0	0	2,665	15,669	149	1,511	0	0	39	300
	12-Sep	6	6	0	0	1,728	10,302	101	918	0	0	18	160
	13-Sep	6	10	0	0	2,220	11,981	83	682	0	0	17	129
	14-Sep	6	11	0	0	1,929	10,666	73	761	0	0	9	60
	16-Sep	5	5	0	0	2,002	10,494	71	609	0	0	5	36
	Total	34	1,123	25	403	161,337	862,178	1,549	13,904	66,908	257,060	2,921	22,280
	Avg. wt.				16.1		5.3		9.0		3.8		7.6
Alitak Bay Section													
257-41													
	5-Jun	10	10	0	0	1,255	6,850	0	0	0	0	0	0
	6-Jun	12	19	0	0	5,533	28,153	0	0	0	0	1	5
	7-Jun	5	5	0	0	440	2,424	0	0	0	0	0	0
	8-Jun	16	24	0	0	5,347	29,512	0	0	6	19	4	28
	9-Jun	14	20	0	0	2,570	13,895	0	0	2	9	0	0

-continued-

Appendix D3.-Page 6 of 8.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-41	10-Jun	15	21	0	0	3,067	16,535	0	0	0	0	4	31
(continued)	11-Jun	14	19	1	31	2,821	14,964	0	0	3	10	3	25
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	15-Jun	14	23	0	0	4,601	25,650	0	0	4	18	14	111
	16-Jun	15	20	0	0	4,146	22,624	0	0	3	15	5	35
	17-Jun	12	19	0	0	3,084	17,190	0	0	7	39	10	78
	18-Jun	17	25	0	0	5,472	30,960	0	0	17	61	23	219
	21-Jun	8	8	0	0	2,128	11,271	0	0	7	26	30	231
	22-Jun	17	27	0	0	6,804	35,528	0	0	49	202	57	468
	23-Jun	13	19	0	0	3,628	19,989	1	5	43	200	39	390
	24-Jun	15	24	0	0	4,270	23,397	2	14	48	233	54	480
	25-Jun	15	19	0	0	6,052	32,266	0	0	109	578	75	714
	26-Jun	14	23	0	0	2,393	12,315	1	5	34	131	42	363
	27-Jun	10	18	1	19	5,052	27,307	2	14	114	496	89	745
	28-Jun	13	20	0	0	2,963	16,538	3	18	117	438	86	678
	1-Jul	5	5	0	0	2,218	11,735	0	0	56	221	39	338
	2-Jul	14	24	1	10	8,177	43,863	17	122	560	2,165	184	1,469
	3-Jul	14	21	1	6	3,322	18,624	16	113	152	572	87	782
	4-Jul	14	25	0	0	7,501	41,447	52	375	487	1,770	177	1,443
	7-Jul	5	5	0	0	1,264	6,659	2	11	97	377	13	104
	8-Jul	17	26	0	0	8,886	47,029	21	132	1,189	4,577	113	899
	9-Jul	16	24	0	0	6,006	33,129	28	194	1,737	6,747	131	1,063
	10-Jul	14	24	0	0	4,789	26,167	20	152	511	1,974	78	638
	12-Jul	5	5	0	0	1,694	9,242	2	18	579	2,135	27	203
	13-Jul	14	21	1	15	10,108	53,410	29	172	3,347	12,719	194	1,533
	14-Jul	16	24	0	0	8,842	48,728	20	131	2,493	9,932	96	785
	15-Jul	13	22	0	0	4,123	22,866	7	52	1,399	5,253	67	560
	16-Jul	13	20	0	0	3,436	18,475	17	76	1,617	6,599	117	929
	17-Jul	13	17	0	0	3,812	19,987	6	35	1,475	5,816	70	607
	18-Jul	15	25	0	0	6,102	35,107	27	180	2,730	10,419	113	997
	19-Jul	15	19	0	0	5,075	27,580	31	211	2,565	9,903	99	855

-continued-

Appendix D3.-Page 7 of 8.

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-41	20-Jul	12	21	0	0	6,067	31,782	25	166	3,065	12,121	93	785
(continued)	21-Jul	12	22	0	0	5,644	29,095	15	92	3,110	11,775	71	577
	22-Jul	12	18	0	0	4,059	22,465	13	91	2,828	10,393	73	623
	23-Jul	11	15	0	0	3,205	17,564	4	30	2,968	11,124	50	414
	24-Jul	13	19	0	0	5,378	28,268	17	120	5,010	18,288	80	668
	25-Jul	11	17	0	0	4,189	21,001	33	204	4,941	17,505	93	721
	26-Jul	11	17	0	0	3,976	21,916	22	161	5,486	19,288	81	638
	27-Jul	9	15	0	0	2,076	10,833	5	38	1,926	6,911	37	270
	28-Jul	13	17	0	0	4,942	26,053	14	91	2,426	9,315	55	485
	29-Jul	10	18	0	0	2,990	15,550	13	81	2,642	9,610	51	421
	30-Jul	12	19	0	0	2,312	11,989	27	152	2,660	10,224	68	559
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	14	23	0	0	3,788	19,876	13	97	8,681	29,703	59	469
	4-Aug	15	21	0	0	2,892	14,828	14	84	6,313	23,081	59	470
	5-Aug	14	20	0	0	2,360	12,320	9	53	3,784	13,566	41	331
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	12	32	0	0	4,127	21,686	21	149	4,743	17,643	86	667
	11-Aug	15	29	0	0	4,150	21,628	37	259	4,744	16,646	69	559
	12-Aug	15	29	0	0	3,977	21,060	28	203	4,434	16,016	84	708
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	20-Aug	13	29	0	0	3,641	19,678	98	695	4,062	15,004	98	765
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	7	19	0	0	3,476	18,164	137	1,008	3	9	19	139
	6-Sep	7	18	0	0	2,681	13,599	142	1,189	7	24	20	173
	7-Sep	8	19	0	0	2,738	14,213	85	664	5	15	18	153
	8-Sep	8	18	0	0	2,338	12,173	53	464	3	6	19	158
	9-Sep	5	9	0	0	2,044	10,736	73	650	0	0	11	83
	10-Sep	7	13	0	0	1,891	10,405	75	655	0	0	18	129
	11-Sep	6	7	0	0	1,201	6,918	47	444	0	0	3	25
	12-Sep	7	11	0	0	2,194	13,152	97	970	2	8	19	113
	13-Sep	5	11	0	0	1,109	5,880	24	184	1	4	5	34

-continued-

**Appendix D3.-Page 8 of 8.**

Statistical Area	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-41 (continued)	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	Total	37	1,190	5	81	248,045	1,332,893	1,464	11,189	97,077	358,164	3,541	29,099
	Avg. wt.				16.2		5.4		7.6		3.7		8.2
	Grand Total	72	2,997	51	778	469,511	2,514,601	3,907	32,911	175,342	659,946	9,238	75,239
	Avg. wt.				15.3		5.4		8.4		3.8		8.1

\* Confidential data.

**Appendix D4.-Purse seine daily salmon harvest, by species and section, for the Alitak District, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Cape Alitak Section (257-10 & 20)													
	5-Jun	11	11	16	317	3,372	16,632	0	0	7	25	2	20
	6-Jun	5	5	0	0	943	4,695	0	0	0	0	0	0
	8-Jun	13	13	6	109	1,233	6,339	0	0	0	0	1	10
	9-Jun	10	10	13	238	4,157	20,373	0	0	43	130	9	88
	10-Jun	7	7	11	230	3,381	16,958	0	0	35	110	15	150
	11-Jun	12	13	51	839	10,020	50,104	0	0	143	427	55	539
	12-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	15-Jun	11	11	14	224	2,954	15,160	0	0	212	666	55	481
	16-Jun	8	8	24	396	3,194	16,496	0	0	140	447	93	751
	17-Jun	7	7	8	180	3,321	16,424	0	0	139	431	49	478
	18-Jun	11	11	23	389	12,300	58,933	0	0	1,674	5,033	253	2,049
	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	8	8	12	206	2,739	13,093	0	0	684	2,117	189	1,548
	23-Jun	13	13	21	458	10,842	50,720	0	0	2,011	5,570	376	3,072
	24-Jun	10	10	14	313	8,087	37,874	0	0	1,430	3,977	331	2,682
	25-Jun	16	17	39	640	12,105	58,891	0	0	2,835	8,530	402	3,249
	26-Jun	9	9	14	209	6,597	31,914	0	0	1,735	5,238	321	2,588
	27-Jun	12	12	14	240	7,655	36,307	1	13	1,737	5,269	288	2,345
	28-Jun	8	8	4	85	3,786	17,854	1	5	827	2,495	160	1,314
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	8	8	15	259	3,033	14,379	43	331	2,382	7,175	168	1,364
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	6	6	17	256	6,160	30,691	60	366	6,394	19,421	263	2,164
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix D4.-Page 2 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-10 & 20 (continued)	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	7	9	15	395	13,704	69,002	55	384	40,928	130,856	180	1,330
	14-Jul	9	10	2	37	9,788	48,360	44	305	61,388	188,386	196	1,504
	15-Jul	10	10	2	101	6,957	33,334	66	446	51,999	156,003	227	1,851
	16-Jul	11	16	3	39	10,765	56,886	29	191	108,178	366,910	449	2,480
	17-Jul	9	10	4	87	7,574	49,932	9	66	69,443	202,121	104	801
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	5	6	0	0	3,757	18,021	7	61	44,248	132,765	605	4,841
	23-Jul	8	8	5	113	5,638	28,039	8	55	48,325	161,786	197	1,629
	24-Jul	10	10	3	25	2,793	15,398	10	82	47,451	151,688	98	788
	25-Jul	14	16	7	134	6,170	35,786	18	128	116,168	361,537	239	1,923
	26-Jul	10	11	7	162	3,971	22,320	13	83	54,352	193,393	114	826
	27-Jul	13	17	5	124	4,875	27,222	7	37	66,994	247,705	188	1,401
	28-Jul	7	8	2	39	2,249	13,857	6	39	35,042	129,684	160	1,210
	29-Jul	5	6	5	135	2,170	14,023	2	12	31,980	111,965	135	1,011
	30-Jul	6	6	7	193	2,253	12,910	7	49	68,451	221,503	80	641
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	4	5	3	58	1,062	5,969	9	61	36,814	131,385	62	496
	4-Aug	4	5	3	48	1,287	6,907	23	185	26,042	94,680	104	832
	10-Aug	8	12	2	49	1,261	6,808	63	531	41,567	140,680	94	799
	11-Aug	11	14	4	96	1,492	8,225	153	1,270	60,611	199,482	163	1,492
	12-Aug	7	11	4	125	986	5,036	102	857	33,644	113,255	91	825
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		38	409	436	8,214	207,229	1,062,675	1,513	12,295	1,124,822	3,695,715	7,515	59,756
Avg. Wt.					18.8		5.1		8.1		3.3		8.0
Alitak Bay Section													
(257-41)	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix D4.-Page 3 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Humpy/Deadman Section 257-50													
	5-Jun	5	5	2	34	860	4,562	0	0	0	0	2	25
	17-Jun	6	6	8	195	7,927	38,727	0	0	157	513	193	1,538
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jul	4	4	1	22	1,458	6,984	0	0	15,887	47,661	43	347
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	8	8	0	0	185	916	24	176	26,086	78,263	113	907
	18-Aug	4	4	0	0	354	1,780	27	226	24,243	72,735	83	700
	19-Aug	4	4	0	0	598	2,990	28	254	21,512	64,536	138	1,100
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix D4.-Page 4 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-50													
(continued)	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		24	73	32	670	20,057	101,216	277	2,409	294,237	935,489	1,374	11,078
Avg. Wt.					20.9		5.0		8.7		3.2		8.1
257-60													
	5-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	10	10	12	245	6,250	29,735	57	387	5,893	17,680	214	1,705
	3-Jul	4	4	4	65	2,140	10,060	15	102	2,369	7,105	54	445
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	8	8	7	119	3,941	21,528	36	301	17,911	73,139	66	478
	9-Jul	5	8	6	123	3,304	19,144	22	155	30,607	101,438	38	284
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jul	7	7	4	80	2,606	14,942	31	238	23,947	81,463	139	1,184
	13-Jul	10	11	2	58	7,989	40,368	41	255	41,777	134,519	101	926
	14-Jul	5	5	0	0	3,429	16,876	4	26	26,564	79,695	47	380
	16-Jul	4	4	0	0	1,954	9,383	16	135	17,127	51,366	46	378
	17-Jul	4	4	0	0	1,091	5,819	0	0	21,006	63,000	14	116
	18-Jul	11	12	0	0	3,349	18,015	0	0	94,834	321,464	62	518
	19-Jul	12	15	3	66	5,931	28,434	17	104	132,057	462,836	176	1,470
	20-Jul	12	13	0	0	1,932	10,134	25	145	79,478	270,424	81	696
	21-Jul	11	11	0	0	2,152	10,842	26	233	79,974	267,124	97	767
	22-Jul	8	8	0	0	970	4,727	5	36	61,048	198,129	58	482
	23-Jul	8	10	0	0	1,258	7,156	0	0	68,675	205,712	49	414
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix D4.-Page 5 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-60													
(continued)	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	31-Jul	9	10	1	10	260	1,497	1	6	74,702	244,704	196	1,502
	1-Aug	9	9	0	0	181	877	0	0	85,083	274,756	68	564
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	8	8	0	0	213	1,100	3	25	63,202	209,763	85	677
	4-Aug	7	7	0	0	287	1,473	3	19	61,684	191,284	90	697
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	9	14	2	47	512	2,593	2	18	100,140	312,934	63	511
	7-Aug	10	13	1	25	636	3,573	4	24	91,923	302,034	68	578
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	5	5	0	0	467	2,336	3	23	49,475	148,430	57	462
	10-Aug	5	7	0	0	938	4,692	26	189	29,616	88,871	102	805
	12-Aug	6	7	0	0	395	1,967	18	111	36,987	111,260	81	649
	13-Aug	7	7	0	0	291	1,464	12	116	43,371	130,146	56	456
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	5	8	0	0	97	515	6	59	36,320	108,964	57	454
	17-Aug	5	5	0	0	74	372	11	88	11,880	35,643	45	363
	18-Aug	6	6	1	12	79	394	18	154	40,000	120,000	78	634
	19-Aug	6	6	0	0	305	1,528	29	226	49,790	149,376	133	1,070
	20-Aug	6	6	0	0	329	1,649	26	247	28,964	86,893	86	699
	21-Aug	4	4	0	0	92	466	3	29	33,332	100,000	52	410
	22-Aug	4	4	0	0	37	188	17	150	31,471	94,417	276	2,203
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	4	4	0	0	1,840	8,650	100	937	11,458	34,376	37	293
Total		29	306	64	1,207	69,369	352,567	795	6,089	1,890,643	6,073,240	3,380	27,467
Avg. Wt.					18.9		5.1		7.7		3.2		8.1

-continued-

Appendix D4.-Page 6 of 6.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
257-70	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	4	4	6	72	1,130	6,021	21	135	6,413	22,559	28	190
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	4	5	0	0	93	496	0	0	43,987	135,436	16	120
	31-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	1-Aug	4	4	0	0	128	848	0	0	36,766	128,687	13	98
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	3-Aug	5	5	1	18	113	647	6	37	38,913	138,834	118	609
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	5	5	0	0	149	825	1	7	32,750	129,505	20	172
	7-Aug	4	5	0	0	361	1,989	8	70	26,494	96,267	36	326
	8-Aug	8	13	0	0	702	3,873	8	96	64,504	238,567	65	562
	9-Aug	9	11	0	0	623	3,054	7	72	67,669	246,509	53	504
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	11-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	9	11	0	0	324	1,839	16	120	101,252	308,799	252	2,069
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	7	7	0	0	396	2,178	27	227	43,780	131,348	144	1,140
Total		22	111	18	329	10,821	58,859	159	1,295	707,766	2,447,849	1,329	9,927
Avg. Wt.					18.3		5.4		8.1		3.5		7.5
Grand Total		40	900	551	10,461	308,394	1,580,922	3,070	24,867	4,017,680	13,152,951	13,601	108,251
Avg. Wt.					18.9		4.9		7.7		3.3		7.6

\* Confidential data

**Appendix D5.-Salmon harvest by gear type and species, for the Alitak District management units, 2005.**

	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Purse Seine														
Total	40	900	551	10,461	308,394	1,580,922	3,070	24,867	4,017,680	13,152,951	13,601	108,251	4,343,296	14,877,452
Avg.Wt.				19.0		5.1		8.1		3.3		8.0		
Set Gillnet														
Total	72	2,997	51	778	469,511	2,514,601	3,907	32,911	175,342	659,946	9,238	75,239	658,049	3,283,475
Avg.Wt.				15.3		5.4		8.4		3.8		8.1		
ADF&G Test Fish														
Total	1	17	0	0	612	3,262	0	0	8	32	8	59	628	3,353
Avg.Wt.						5.3				4.0		7.4		
Year Total	113	3,914	602	11,239	778,517	4,098,785	6,977	57,778	4,193,030	13,812,929	22,847	183,549	5,001,973	18,164,280
Avg.Wt.				18.7		5.3		8.3		3.3		8.0		

**Appendix D6.-Commercial salmon harvest, by species, with percent harvest by gear type, in the Alitak District, 1954-2005.**

YEAR	Chinook <sup>a</sup>			Sockeye <sup>a</sup>			Coho <sup>a</sup>			Pink <sup>a</sup>			Chum <sup>a</sup>			Total <sup>a</sup>		
	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%

-continued-

Appendix D6.-Page 2 of 2.

YEAR	Chinook <sup>a</sup>			Sockeye <sup>a</sup>			Coho <sup>a</sup>			Pink <sup>a</sup>			Chum <sup>a</sup>			Total <sup>a</sup>		
	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%	Number	GN%	PS%
1989	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%
AVERAGES:																		
1954-2004 <sup>b</sup>	299	20%	78%	407,629	66%	34%	11,611	48%	52%	1,283,841	20%	80%	63,443	22%	78%	1,766,822	29%	71%
1995-2004	618	11%	89%	798,782	54%	46%	17,354	43%	57%	1,631,235	18%	82%	57,583	24%	76%	2,505,571	32%	69%

<sup>a</sup> ADF&G test fish harvest is not included.

<sup>b</sup> 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

Management of Westside Kodiak fisheries is complex due to the mixing of various local salmon stocks during inshore migration. Various tagging studies have been done along Kodiak Island's west side to help discern migratory pathways and timing of the Westside salmon stocks, as well as salmon moving to the Alitak District. Both set gillnet and seine gear are legal in part of the Westside (the Central Section), and occasional allocative disputes arose. Harvest strategies evolved until 1990, when a specific management plan governing fisheries along the west side of Kodiak and southwest Afognak was adopted into regulation by the Alaska Board of Fisheries. It was hoped that placing a management plan in regulation would clarify the management strategy to maintain the biological integrity of local salmon stocks and the allocative concerns of local fishers.

The goal of the Westside Kodiak Management Plan (WKMP; 5 AAC 18.362) is to achieve escapement and harvest objectives of sockeye salmon returning to the Karluk, Ayakulik, and other Westside minor sockeye salmon systems, and of pink, chum, and coho salmon returning to systems in the Southwest Afognak, Central, North Cape, Anton Larsen Bay, Sheratin Bay, Kizhuyak Bay, Terror Bay, Inner Uganik Bay, Spiridon Bay, Zachar Bay, Uyak Bay, Outer Karluk, Inner Karluk, Sturgeon Bay, Halibut Bay, Outer Ayakulik, and Inner Ayakulik Sections. It is the intent of the board that salmon bound to these systems be harvested to the extent possible by the traditional fisheries located in all 17 sections.

### *2005 Westside Kodiak Fisheries*

The Karluk early-run (through July 15) sockeye salmon return once again started early and strong. The initial commercial fishing period began on June 1, which was earlier than the previous year's opening date of June 5 and the traditional opening date of June 9. According to recently changed escapement goals (Nelson et al. 2004) to the Karluk River, the early-run sockeye salmon escapement has exceeded the upper escapement goal (currently 210,000 sockeye salmon by July 15) in every year since 1990. It appears that early-run sockeye escapement timing has become earlier. With an earlier opening date, it was hoped to avoid excess escapement, in order to avoid the possibility of harm to the juvenile salmon rearing conditions in Karluk Lake. ADF&G pre-season salmon production forecasts called for surplus (in excess of escapement needs) of early-run sockeye returning to Karluk (forecasted harvestable surplus of approximately 404,000 fish), Frazer (244,000), Upper Station (120,000), and Ayakulik (142,000; Eggers 2005). The commercial fishing period beginning on June 1, served as an indicator of run strength. Early harvests indicated a strong run of sockeye salmon traveling along the westside. Also, sockeye salmon escapements quickly surpassed the early-run escapement goals (100,000 to 210,000; Nelson et al. 2004) through the Karluk weir and by June 6 there were 111,127 sockeye salmon counted (Spalinger 2006). Continuous fishing was permitted in the Outer Karluk, North Cape, and Central Sections immediately following the June 1 opening, and the terminal Inner Karluk Section started June 22 through July 9 (the end of the first pink salmon period). The Karluk early-run sockeye salmon

---

-continued-

escapement was 268,301 salmon (Spalinger 2006). Approximately 674,427 sockeye salmon were harvested in early-season Westside fisheries, well above the forecast (524,700). Karluk late-run (post July 15) sockeye salmon proved to be stronger than forecast (456,000; Spalinger 2006) and extensive fishing was allowed in the Outer Karluk Section. The late-run sockeye salmon escapement goal (170,000 to 380,000; Nelson et al. 2004) was exceeded with 433,611 sockeye salmon (Spalinger 2006). Harvests from fisheries directed on Karluk late-run salmon include about 781,824 sockeye salmon, exceeding the forecast (581,000).

Ayakulik sockeye salmon early escapements fell within interim escapement goals but it was a weak run overall. There were no directed sockeye salmon fisheries in the Halibut Bay, Inner Ayakulik and Outer Ayakulik sections in 2005. The total sockeye salmon escapement (250,906; Spalinger 2006) met established goals (200,000 to 500,000; Nelson et al 2004). The Ayakulik sockeye salmon harvest (1,360) was well below forecast (142,000).

The total commercial harvest from westside Kodiak management units (Southwest Afognak to Ayakulik<sup>1</sup>) was 8,073,883 salmon, including 11,034 Chinook, 1,457,611 sockeye, 183,158 coho, 6,178,927 pink, and 243,153 chum salmon from 6,671 landings (Appendix E3). The total Westside Kodiak salmon harvest represents 66% percent of the total KMA salmon harvest. Purse seine fishers made 1,680 landings for 7,796 Chinook, 577,617 sockeye, 62,802 coho, 4,687,272 pink, and 113,924 chum salmon. Set gillnet fishers made 4,991 landings for 3,238 Chinook, 879,994 sockeye, 120,356 coho, 1,491,655 pink, and 129,229 chum salmon. Commercial salmon harvests, by gear type, for westside management units can be found in Appendices E5 and E6.

---

-continued-

---

<sup>1</sup> Westside Kodiak salmon harvest totals do not include salmon taken in the Spiridon Bay Special Harvest Area. Sockeye salmon from an enhancement project return to this area. It is covered under a separate management plan; see Appendix H for a description of the Spiridon Bay Special Harvest Area fishery.

### LITERATURE CITED

- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Juneau.
- Brennan K. 2004 Commercial salmon fisheries of the Kodiak Management Area: A report to the Alaska Board of Fisheries, January 2005. Alaska Department of Fish and Game, Division of Commercial Fisheries, Fisheries Management Report 4K04-14, Anchorage.
- Eggers, D. 2005. Run forecasts and harvest projections for 2005 Alaska salmon fisheries and review of the 2004 season. Alaska Department of Fish and Game, Special Publication No. 05-01, Anchorage.
- Nelson P.A., M.J. Witteveen, S.G. Honnold, I. Vining, and J.J. Hasbrouck. 2004. Review of salmon escapement in the Kodiak Management Area. Alaska Department of Fish and Game, Fishery Manuscript No. 05-05, Anchorage.
- Spalinger, G. 2006. Kodiak Management Area Salmon daily and cumulative escapement counts for river systems with fish weirs, 1996-2005. Alaska Department of Fish and Game, Fishery Management Report No. 06-06, Anchorage.



**Appendix E3.-Commercial salmon harvest, by species, for Westside management units in the Kodiak Management Area, 1975-2005.**

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 <sup>a</sup>	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
<hr/>								
Average <sup>a</sup>								
1995-2004	289	8,295	14,223	2,076,118	143,336	8,441,650	369,119	11,044,446
1975-2005	348	7,798	8,845	1,422,186	108,533	6,227,495	297,465	8,064,524

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District (except the Spiridon Bay Special Harvest Area), and the Southwest Kodiak District.

<sup>a</sup> 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 2005.**

Gear	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Purse Seine	111	1,680	7,796	86,061	577,617	3,034,115	62,802	497,820	4,687,272	15,697,033	113,924	949,038	5,449,411	20,264,067
Avg. Wt.				11.0		5.3		7.9		3.3		8.3		
Set Gillnet	93	4,991	3,238	32,700	879,994	4,842,036	120,356	944,652	1,491,655	5,874,638	129,229	997,935	2,624,472	12,691,961
Avg. Wt.				10.1		5.5		7.8		3.9		7.7		
Grand Total	204	6,671	11,034	118,761	1,457,611	7,876,151	183,158	1,442,472	6,178,927	21,571,671	243,153	1,946,973	8,073,883	32,956,028
Avg. Wt.				10.8		5.4		7.9		3.5		8.0		

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District, except for the Spiridon Bay Special Harvest Area, and the Southwest Kodiak District.

**Appendix E5.-Purse seine daily salmon harvest, by species for the Westside Management Plan units, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section													
	14-Jun	5	5	354	3,002	685	3,284	0	0	204	552	294	2,292
	15-Jun	7	7	236	1,774	994	6,429	0	0	327	979	251	2,005
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jun	4	4	784	4,231	1,629	7,727	5	27	510	1,628	422	3,646
	20-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	1-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jul	6	6	15	128	4,345	21,069	304	3,064	11,630	39,172	291	2,252
	7-Jul	11	12	154	1,504	7,231	39,371	136	796	23,529	90,278	410	3,181
	8-Jul	11	11	150	1,457	5,542	32,572	242	1,993	31,905	103,485	696	10,868
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	8	8	9	147	2,613	13,460	57	377	17,656	63,124	275	2,192
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	4	4	37	874	2,691	14,087	187	1,581	15,586	48,780	201	2,194
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix E5.- Page 2 of 8.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southwest Afognak Section (cont.)													
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		40	118	2,827	23,206	54,074	294,929	3,197	24,214	306,681	1,084,068	8,354	73,143
Average weight					8.2		5.5		7.6		3.5		8.8
Northwest Kodiak District													
	1-Jun	13	13	200	1,589	4,610	22,536	0	0	0	0	28	244
	2-Jun	12	12	86	834	5,844	28,509	0	0	8	32	52	444
	3-Jun	18	18	2	15	7,746	38,818	0	0	3	8	119	690
	4-Jun	15	16	41	485	8,856	45,740	0	0	0	0	90	728
	5-Jun	20	20	15	172	15,563	81,563	0	0	0	0	155	1,162
	6-Jun	18	19	56	543	8,195	43,882	0	0	44	113	102	708
	7-Jun	6	6	2	15	1,735	8,405	0	0	0	0	8	67
	8-Jun	7	7	6	50	1,587	7,973	0	0	261	1,464	483	2,947
	9-Jun	8	8	34	168	1,103	5,883	0	0	365	1,516	503	2,792
	10-Jun	4	4	8	111	738	3,034	0	0	81	244	83	513
	11-Jun	5	5	2	23	1,162	5,623	0	0	121	483	69	545
	12-Jun	4	4	77	636	1,401	7,400	0	0	1,396	4,553	532	3,720
	13-Jun	8	8	11	112	2,751	13,519	1	7	40	225	80	270
	14-Jun	9	9	27	232	1,668	9,502	0	0	223	778	154	1,278
	15-Jun	6	6	11	135	3,683	15,905	0	0	183	564	159	1,153
	16-Jun	12	12	9	150	1,934	8,670	1	5	327	1,107	133	986
	17-Jun	14	14	165	1,424	2,508	12,275	1	7	1,226	3,582	332	2,594
	18-Jun	6	6	10	116	500	2,681	0	0	265	780	113	854
	19-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jun	6	6	17	201	1,603	7,734	0	0	1,449	5,430	149	1,343

-continued-

Appendix E5.-Page 3 of 8.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District													
(continued)	21-Jun	9	9	331	3,107	843	4,018	0	0	1,471	4,967	219	1,429
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	4	4	8	104	878	4,519	0	0	982	3,077	72	559
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	6	6	35	299	264	1,320	0	0	2,571	8,094	141	1,054
	26-Jun	8	8	16	195	676	3,182	7	36	1,208	3,825	676	5,046
	27-Jun	5	5	4	39	527	2,850	0	0	125	372	29	219
	28-Jun	7	7	19	174	1,192	6,363	200	1,361	7,239	26,802	2,157	16,512
	29-Jun	5	5	38	499	479	2,245	0	0	2,018	6,350	397	3,209
	30-Jun	8	8	19	158	479	2,694	325	1,981	9,674	35,690	1,806	15,377
	1-Jul	7	7	37	369	2,034	9,308	37	328	7,169	22,981	549	4,417
	2-Jul	12	12	102	1,166	2,424	11,900	146	912	16,280	51,846	1,211	9,953
	3-Jul	15	15	195	1,947	4,601	22,328	531	2,974	19,902	67,232	1,857	15,897
	4-Jul	16	16	126	1,485	3,024	14,766	632	3,736	18,290	63,771	2,273	21,323
	5-Jul	8	8	19	94	676	3,927	240	1,762	13,947	54,141	956	8,187
	6-Jul	8	8	6	50	3,498	17,646	262	1,676	9,257	33,296	1,268	10,974
	7-Jul	19	19	108	1,262	6,073	32,820	351	1,974	51,153	158,475	1,246	9,868
	8-Jul	25	25	77	918	6,271	33,136	255	1,773	66,756	225,326	1,486	11,725
	9-Jul	13	13	63	777	1,895	10,658	190	1,366	29,363	106,023	1,018	8,333
	10-Jul	28	28	13	193	6,190	30,913	264	1,712	94,030	315,887	2,541	20,578
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	10	10	28	411	4,508	26,575	307	2,067	41,663	142,485	2,072	17,159
	13-Jul	15	17	31	442	14,070	79,163	519	3,985	59,141	212,094	3,270	28,907
	14-Jul	33	34	92	1,422	17,586	98,028	1,117	8,726	126,410	425,288	8,910	73,613
	15-Jul	33	35	83	1,086	11,377	64,792	1,209	8,270	131,095	454,547	5,936	49,383
	16-Jul	35	35	60	925	19,436	96,209	688	4,892	93,484	321,976	3,965	32,199
	17-Jul	4	5	3	37	4,062	20,500	118	785	14,761	53,349	408	2,982
	19-Jul	22	22	112	1,489	5,108	30,623	542	3,667	94,311	322,021	2,852	24,666
	20-Jul	24	24	288	4,362	4,985	26,015	414	3,463	119,725	380,001	2,593	23,197
	21-Jul	21	21	247	3,500	6,085	31,353	1,255	7,988	90,260	306,799	3,672	28,277
	22-Jul	26	28	100	1,733	6,300	34,072	647	5,358	106,735	360,937	4,503	39,477
	23-Jul	26	26	202	2,108	9,944	52,102	1,811	12,470	81,312	274,256	4,061	34,340

-continued-

Appendix E5.-Page 4 of 8.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District													
(continued)	24-Jul	20	20	46	636	4,633	27,242	376	2,691	57,303	199,332	3,456	29,099
	25-Jul	22	22	72	1,001	10,409	59,343	1,142	8,393	64,650	227,754	3,205	26,953
	26-Jul	11	11	6	102	627	3,496	424	2,924	33,077	116,021	2,051	18,073
	27-Jul	8	8	3	23	256	1,528	319	2,028	36,687	126,991	1,675	13,051
	28-Jul	6	6	8	229	358	2,010	114	742	15,940	54,709	1,906	18,948
	29-Jul	9	10	31	540	1,774	11,101	565	3,479	36,684	140,404	2,353	20,771
	30-Jul	9	10	22	552	810	4,679	51	393	37,506	129,642	902	6,961
	2-Aug	9	10	65	1,033	2,541	13,940	958	6,442	47,202	169,273	1,220	8,866
	3-Aug	12	13	108	1,454	3,379	17,758	1,360	9,355	86,417	297,694	2,670	22,083
	4-Aug	20	22	147	2,213	3,469	18,859	821	5,743	144,840	501,559	2,312	18,717
	5-Aug	14	16	77	1,116	3,280	17,388	395	2,642	97,875	346,772	764	6,395
	6-Aug	24	26	72	1,289	4,299	22,964	685	5,193	144,577	500,260	1,190	9,251
	7-Aug	22	24	53	1,038	4,958	24,908	516	3,922	232,609	742,820	919	7,699
	8-Aug	24	26	70	1,388	2,801	15,229	835	5,533	144,776	475,186	815	6,307
	9-Aug	24	24	37	591	1,973	10,006	667	4,494	164,142	574,803	642	4,897
	10-Aug	23	28	19	412	2,898	16,378	368	2,869	136,074	452,965	319	2,829
	11-Aug	27	30	24	457	3,486	18,494	578	4,473	146,777	498,588	461	3,849
	12-Aug	26	33	11	269	6,577	32,932	418	3,351	165,093	546,144	439	3,545
	13-Aug	13	15	14	268	1,840	10,417	354	2,870	84,116	271,179	266	2,098
	14-Aug	18	21	12	229	1,270	6,764	458	3,153	98,156	294,859	400	3,292
	15-Aug	18	24	5	90	1,309	7,652	494	3,699	89,890	298,620	255	1,922
	16-Aug	5	5	0	0	687	3,133	476	3,303	17,374	60,958	224	1,698
	17-Aug	9	10	19	331	953	4,942	729	5,689	42,068	141,328	209	1,564
	18-Aug	16	17	33	429	1,693	9,338	988	7,872	66,107	203,842	1,190	9,598
	19-Aug	13	14	32	606	1,334	7,744	2,002	15,943	68,816	200,363	431	3,295
	20-Aug	16	17	8	165	4,795	23,692	2,754	22,839	99,470	310,459	459	3,906
	21-Aug	15	15	9	149	1,342	6,974	557	4,599	39,765	124,791	155	1,388
	22-Aug	11	11	9	155	2,213	11,680	1,285	9,509	44,635	156,543	1,003	9,450
	23-Aug	5	5	3	70	440	2,526	122	1,019	7,136	22,458	7	72
	24-Aug	4	4	2	39	569	2,958	287	2,323	5,501	16,448	63	475
	25-Aug	9	11	2	37	2,052	11,587	1,302	11,041	18,219	56,288	272	2,344
	26-Aug	6	6	4	71	1,708	8,560	1,087	9,174	9,825	34,399	118	1,124

-continued-

Appendix E5.-Page 5 of 8.

Management Unit				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest Kodiak District													
(continued)	27-Aug	8	9	0	0	2,159	12,271	1,319	11,233	13,379	41,249	51	409
	28-Aug	4	4	0	0	493	2,591	126	1,132	2,086	7,194	8	59
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	4	4	0	0	576	3,233	107	1,047	522	1,573	23	231
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		107	1,204	4,416	55,577	308,344	1,628,832	37,943	281,719	3,820,994	12,823,506	98,119	814,844
Average weight					12.6		5.3		7.4		3.4		8.3
Inner and Outer Karluk Sections													
	1-Jun	14	14	31	460	10,454	50,588	0	0	0	0	62	447
	2-Jun	5	5	0	0	1,969	10,419	0	0	0	0	27	164
	3-Jun	14	14	0	0	9,273	44,754	0	0	0	0	185	1,445
	4-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jun	10	10	0	0	7,460	36,571	0	0	0	0	118	937
	6-Jun	7	7	0	0	4,717	23,755	0	0	7	26	66	363
	7-Jun	7	7	1	9	3,617	18,280	0	0	12	34	47	365
	8-Jun	17	18	2	27	8,288	40,744	0	0	0	0	79	555
	9-Jun	7	7	9	106	2,836	11,390	0	0	6	18	7	53
	10-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jun	6	6	5	48	2,660	12,172	0	0	30	91	18	138
	14-Jun	7	7	6	50	2,689	15,048	0	0	229	698	63	460
	15-Jun	10	10	9	138	4,723	23,046	0	0	164	527	140	978
	16-Jun	10	10	12	208	2,187	9,476	0	0	241	805	127	1,026
	17-Jun	14	14	8	78	3,747	15,590	0	0	1,639	4,484	236	2,123
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix E5.-Page 6 of 8.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner and Outer Karluk Sections (continued)	20-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	6	6	17	129	1,589	10,180	3	21	1,503	3,986	165	1,231
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	5	5	23	231	1,632	8,335	0	0	3,014	9,663	108	944
	26-Jun	8	8	47	481	1,843	8,833	0	0	2,226	8,124	277	2,451
	27-Jun	6	6	43	435	1,903	9,175	0	0	882	2,771	146	1,069
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	5	5	6	63	3,229	14,802	0	0	2,346	7,516	113	926
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	11-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	12-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	14-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	15-Aug	6	6	3	66	2,216	12,363	662	4,518	32,787	115,818	161	1,235
	16-Aug	8	8	0	0	2,183	12,287	316	2,134	25,408	90,556	51	436
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	5	5	1	22	2,458	14,109	315	3,251	23,867	81,503	93	856
	19-Aug	10	10	26	374	7,967	43,087	490	4,501	20,671	70,947	135	1,290

-continued-

Appendix E5.-Page 7 of 8.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner and Outer Karluk Sections (continued)													
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	4	4	3	58	3,827	21,890	387	3,843	15,384	52,064	52	518
	23-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	24-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	5	5	1	13	3,556	18,715	1,525	15,624	406	1,471	479	5,118
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	19-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	29-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		56	287	399	4,512	155,450	785,945	12,426	107,393	252,950	873,234	6,957	56,805
Average weight					11.3		5.1		8.6		3.5		8.2
Southwest Kodiak District													
	17-Aug	6	6	2	45	847	5,144	94	728	16,101	54,199	3	28
	18-Aug	6	7	3	58	1,858	10,246	978	7,813	24,783	75,191	52	417
	19-Aug	5	6	11	232	1,660	10,511	1,315	10,514	23,153	69,462	42	302
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	4	4	16	329	1,829	9,145	220	1,986	27,652	82,958	23	203
	22-Aug	5	5	9	168	1,189	5,956	196	1,783	16,692	50,084	19	134
	23-Aug	6	6	10	204	7,330	45,541	836	6,770	42,895	111,723	36	350
	24-Aug	6	9	9	222	12,141	75,106	563	5,104	53,985	164,882	80	762

-continued-

Appendix E5.-Page 8 of 8.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Southwest Kodiak District														
(continued)	25-Aug	5	7	3	44	2,861	17,172	239	2,103	18,286	46,366	24	168	
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	28-Aug	4	4	4	57	4,897	23,045	577	5,800	18,039	54,121	22	198	
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	30-Aug	5	5	25	392	9,263	45,118	1,084	11,950	13,846	44,976	37	366	
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	1-Sep	5	5	22	295	5,149	25,140	914	10,067	8,448	28,493	29	268	
	2-Sep	4	4	7	95	1,130	5,597	615	4,876	1,101	3,326	13	113	
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
Total			14	82	154	2,766	59,749	324,409	9,236	84,494	306,647	916,225	494	4,246
Average weight						18.0		5.4		9.1		3.0		8.6
Grand Total			111	1,680	7,796	86,061	577,617	3,034,115	62,802	497,820	4,687,272	15,697,033	113,924	949,038

Note: The Westside Kodiak Management Plan commercial harvest includes the Southwest Afognak Section, the Northwest Kodiak District (except for the Spiridon Bay Special Harvest Area), and the Southwest Kodiak District.

\* Confidential data.

**Appendix E6.-Set gillnet salmon harvest, by species for Westside Management Plan units, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
	1-Jun	37	39	23	329	9,843	51,455	1	8	0	0	27	180
	2-Jun	53	72	98	981	24,563	127,227	0	0	2	6	116	847
	3-Jun	45	48	101	1,053	19,348	101,038	0	0	0	0	121	854
	4-Jun	54	68	143	1,282	21,279	110,986	0	0	5	22	215	1,570
	5-Jun	49	52	74	787	15,779	83,014	1	7	6	22	256	1,969
	6-Jun	54	61	111	930	14,544	76,448	0	0	1	4	276	2,069
	7-Jun	44	47	47	429	11,888	62,064	0	0	9	33	199	1,429
	8-Jun	46	48	78	845	5,845	30,358	0	0	8	30	113	799
	9-Jun	41	43	122	1,118	8,395	45,581	0	0	9	35	280	2,039
	10-Jun	47	54	96	905	9,144	48,022	1	6	23	90	432	2,955
	11-Jun	44	45	499	2,794	10,317	53,142	0	0	23	82	402	2,908
	12-Jun	51	56	80	683	10,251	53,205	0	0	76	290	280	2,227
	13-Jun	48	51	58	541	7,131	36,699	0	0	44	170	155	1,190
	14-Jun	50	53	68	717	7,782	39,579	1	6	44	161	216	1,679
	15-Jun	48	49	82	630	8,808	44,951	1	5	54	206	504	3,550
	16-Jun	50	55	129	963	8,401	44,129	0	0	449	1,738	1,052	6,864
	17-Jun	58	58	121	928	7,556	39,217	2	20	561	2,091	1,395	9,401
	18-Jun	46	53	61	509	4,239	21,544	2	13	424	1,452	520	3,987
	19-Jun	34	39	36	336	4,023	20,727	1	5	853	3,078	680	5,110
	20-Jun	45	55	76	598	8,695	45,926	8	56	1,117	4,299	1,275	9,580
	21-Jun	39	40	46	398	4,414	22,924	4	26	770	2,867	521	3,741
	22-Jun	48	54	51	555	5,190	28,175	3	17	755	2,841	607	4,556
	23-Jun	49	52	25	350	3,632	19,064	6	36	1,261	4,794	545	3,508
	24-Jun	43	45	50	442	4,415	22,919	24	156	2,147	8,201	532	3,813
	25-Jun	37	37	36	377	4,280	23,053	16	110	2,206	8,540	777	5,506
	26-Jun	50	55	25	379	6,232	34,054	8	49	2,420	8,940	720	5,459
	27-Jun	48	56	38	383	6,087	32,143	7	47	3,692	12,517	1,129	8,439
	28-Jun	31	32	7	132	2,371	12,566	4	23	1,809	6,598	388	3,029
	29-Jun	50	53	13	156	4,737	26,083	15	85	4,921	17,651	1,259	9,388
	30-Jun	51	57	25	375	5,496	29,235	13	84	5,436	20,457	1,873	14,251
	1-Jul	42	44	34	411	4,051	21,184	123	724	8,629	32,274	2,259	17,125

-continued-

Appendix E6.-Page 2 of 4.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
(continued)													
	2-Jul	53	54	27	361	4,693	24,185	56	328	6,888	25,883	1,704	12,673
	3-Jul	53	61	15	251	5,602	30,346	98	603	8,064	31,512	1,714	12,827
	4-Jul	51	55	36	514	4,430	24,595	309	1,780	8,630	33,590	1,509	10,372
	5-Jul	51	58	27	365	5,285	28,039	444	2,451	9,952	40,343	1,675	12,750
	6-Jul	52	59	17	224	7,989	42,432	275	1,595	13,507	52,826	1,737	12,660
	7-Jul	55	66	24	303	10,289	54,929	207	1,217	16,792	67,727	1,578	11,709
	8-Jul	54	63	11	196	8,159	42,865	162	895	19,706	79,535	1,370	10,440
	9-Jul	57	72	23	368	8,533	47,036	205	1,166	25,018	98,807	1,537	11,660
	10-Jul	56	70	10	107	9,226	50,284	253	1,464	33,417	129,954	2,006	14,408
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	12-Jul	46	48	5	101	6,001	33,347	90	656	13,384	51,789	1,701	13,330
	13-Jul	52	71	12	126	11,466	66,951	168	1,227	27,533	106,396	3,997	32,842
	14-Jul	52	65	15	275	10,887	61,706	273	1,857	28,368	111,883	4,724	37,463
	15-Jul	62	77	38	586	11,291	64,731	522	3,453	32,394	131,257	4,907	39,173
	16-Jul	53	70	15	237	15,852	89,623	379	2,587	29,772	117,509	4,174	33,615
	19-Jul	40	44	8	113	4,972	29,262	175	1,253	21,608	85,955	2,588	22,012
	20-Jul	59	75	18	334	7,740	44,856	562	3,948	37,278	151,324	3,562	29,108
	21-Jul	50	55	6	131	6,907	39,040	601	3,955	32,210	124,038	2,931	23,733
	22-Jul	57	75	23	376	6,937	39,413	648	4,061	26,117	106,709	2,748	21,437
	23-Jul	51	61	5	107	10,026	58,326	739	4,986	20,989	86,872	2,600	20,182
	24-Jul	54	71	22	261	12,893	75,309	966	6,925	21,712	85,845	4,318	33,754
	25-Jul	54	60	21	310	8,826	52,515	973	6,568	20,139	80,199	4,581	35,249
	26-Jul	58	77	46	565	11,556	62,932	1,071	7,600	31,641	125,817	6,263	49,792
	27-Jul	52	67	12	186	9,693	52,027	670	4,781	26,272	101,753	3,421	26,802
	28-Jul	54	67	30	400	12,629	76,848	845	6,305	31,979	128,234	3,719	29,143
	29-Jul	45	56	17	234	6,695	40,853	641	4,823	24,824	99,849	2,244	18,255
	30-Jul	55	65	10	135	7,523	44,534	861	6,350	38,555	153,530	3,901	30,842
	2-Aug	26	30	13	149	5,089	28,632	376	2,911	17,898	70,423	2,076	17,167
	3-Aug	34	39	17	254	5,163	29,797	598	4,146	28,384	113,387	3,291	23,088
	4-Aug	46	58	18	358	5,158	29,084	855	6,036	36,141	143,719	3,216	26,205
	5-Aug	45	59	10	138	9,956	56,958	983	7,550	39,942	158,498	2,672	19,700
	6-Aug	46	54	15	309	8,689	50,881	886	6,434	36,279	145,454	1,888	14,749

-continued

Appendix E6.-Page 3 of 4.

Management		Chinook		Sockeye		Coho		Pink		Chum			
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
(continued)													
	7-Aug	46	61	9	155	10,235	58,939	1,152	8,787	43,095	170,980	1,514	12,047
	8-Aug	45	62	25	380	12,583	67,756	1,243	9,368	48,385	185,617	1,556	11,957
	9-Aug	38	49	3	26	10,940	61,273	1,035	7,458	44,288	174,018	1,090	8,573
	10-Aug	45	57	5	86	10,075	56,401	938	7,122	44,250	174,979	1,073	8,515
	11-Aug	46	59	2	21	12,463	70,567	860	6,452	50,399	199,229	894	6,986
	12-Aug	47	58	4	47	11,966	67,011	758	5,622	50,769	200,965	899	7,020
	13-Aug	41	51	4	51	6,989	39,551	900	6,679	35,205	139,951	688	5,288
	14-Aug	42	67	9	167	8,034	45,230	1,277	9,608	38,698	152,407	1,049	8,105
	15-Aug	33	43	8	99	7,088	39,039	1,150	8,873	26,046	102,119	718	5,794
	16-Aug	40	47	17	208	7,857	44,277	1,298	10,026	27,560	110,993	745	5,912
	17-Aug	41	48	10	121	7,050	39,490	1,535	11,859	29,383	117,751	662	5,239
	18-Aug	38	53	17	206	7,045	38,707	1,924	14,116	35,878	138,253	961	7,062
	19-Aug	26	34	5	137	8,949	49,959	1,352	11,000	23,087	88,959	408	3,219
	20-Aug	32	35	13	191	11,968	68,384	2,576	19,930	33,138	133,344	598	4,651
	21-Aug	40	50	11	140	11,271	63,437	4,232	32,669	34,283	134,736	966	6,982
	22-Aug	37	44	1	6	9,215	52,181	2,486	18,597	22,852	90,329	574	4,205
	23-Aug	26	30	1	9	4,702	26,687	1,747	13,086	14,510	53,067	298	2,292
	24-Aug	35	40	4	45	13,821	78,258	4,438	34,282	21,750	81,543	810	6,304
	25-Aug	35	42	3	59	13,241	72,386	4,884	38,416	17,660	65,639	551	4,310
	26-Aug	33	42	2	32	9,332	50,248	3,492	27,356	9,183	34,668	776	4,758
	27-Aug	33	41	4	66	7,756	43,404	3,639	27,934	7,342	28,227	222	1,598
	28-Aug	29	38	0	0	7,283	40,432	3,856	30,624	6,019	23,660	222	1,754
	29-Aug	25	29	2	29	12,223	69,593	3,820	31,086	6,578	24,889	222	1,592
	30-Aug	30	36	1	15	9,910	55,568	4,325	34,660	4,042	15,439	265	2,093
	31-Aug	37	47	12	137	8,869	49,515	5,228	42,370	3,824	14,655	369	2,451
	1-Sep	31	32	4	79	6,382	35,724	3,631	29,493	2,817	10,542	125	881
	2-Sep	27	28	2	28	5,144	29,049	2,793	22,987	1,597	5,982	145	1,048
	3-Sep	24	25	2	21	5,211	29,088	2,697	21,571	2,122	7,613	78	592
	4-Sep	18	18	0	0	3,314	17,809	1,632	14,921	307	1,175	70	520
	5-Sep	22	23	5	71	5,070	27,311	3,453	29,720	1,025	3,622	103	777
	6-Sep	17	17	0	0	5,107	28,765	2,064	16,523	245	852	43	302

-continued-

Appendix E6.-Page 4 of 4.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northwest													
Kodiak District													
(continued)													
	7-Sep	20	20	1	26	8,166	46,795	3,128	26,912	636	2,328	81	569
	8-Sep	22	26	2	30	14,134	80,376	3,642	30,788	475	1,716	85	580
	9-Sep	16	17	1	16	6,072	32,229	1,362	10,815	74	251	43	304
	10-Sep	19	21	0	0	10,111	54,898	3,593	31,128	175	663	53	370
	11-Sep	16	16	1	18	7,136	41,363	2,668	21,318	123	433	65	462
	12-Sep	18	19	12	109	5,295	28,185	2,185	18,361	20	72	81	534
	13-Sep	18	19	1	11	8,352	42,588	2,810	21,984	15	54	85	697
	14-Sep	13	14	0	0	3,475	20,099	1,408	11,194	7	24	50	364
	15-Sep	12	12	2	25	3,291	16,754	1,014	7,801	11	35	31	213
	16-Sep	13	14	10	100	5,091	30,394	2,390	20,241	13	45	60	447
	17-Sep	9	11	0	0	2,941	17,406	1,081	7,730	3	10	14	98
	18-Sep	9	9	3	26	2,698	16,055	1,379	11,788	0	0	12	90
	19-Sep	5	5	0	0	1,979	11,876	492	3,432	0	0	5	40
	20-Sep	4	5	0	0	705	4,425	534	5,351	0	0	1	6
	21-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	Total	93	4,991	3,238	32,700	879,994	4,842,036	120,356	944,652	1,491,655	5,874,638	129,229	997,935
	Average weight				10.10		5.50		7.85		3.94		7.72

\* Confidential data.



## **APPENDIX F. NORTH SHELIKOF FISHERY SUMMARY**

## INTRODUCTION

In 1988 there was a significant harvest of large (greater than 6 pound) sockeye salmon in management units bordering the northern portion of Shelikof Strait (Appendix F2). Analysis of average weights, salmon ages (determined from scale analysis), 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). Though the Cook Inlet sockeye salmon run was at record level, the Alaska Board of Fisheries felt that this was an expanding, nontraditional harvest pattern. In 1990 the North Shelikof Strait Sockeye Salmon Management Plan (NSSSSMP; 5AAC 18.363; ADF&G 2005) was adopted into regulation.

The NSSSSMP limits purse seine fishing opportunities in those sections of the KMA which border 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). 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, comprised of the Southwest Afognak Section and the North Shelikof management unit, comprised 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, have separate sockeye salmon harvest triggers. 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 comprised of all waters seaward of a baseline which is drawn from cape to cape<sup>1</sup>. The seaward zone of the Southwest Afognak Unit closes to fishing if 50,000 sockeye salmon are harvested from July 6 through July 25. The seaward zone of the North Shelikof 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 baseline) will remain open to commercial fishing during normal fishing periods.

---

<sup>1</sup> 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 1/2 mile offshore of the baseline running cape to cape, in order to allow for traditional harvest opportunities of pink salmon.

In the fourteen years NSSSSMP has been in effect the North Shelikof Units have had seaward zone closures every year except 1991 and 2000 (Appendix F3). The Southwest Afognak Unit seaward zone closures have occurred three times in 1992, 1993, and 2003 (Appendix F4).

The NSSSSMP places harvest limits on certain portions of the KMA bordering northern Shelikof Strait, from July 6 to 25, in an attempt to limit interception of Cook Inlet-bound sockeye salmon. If it appears that sockeye salmon harvest caps will be met, then fisheries are restricted to inshore waters only, and offshore seaward zones are closed (Brennan et al. 2005).

In 2005, during the July 6 to 25 period of the NSSSSMP, three fishing periods were scheduled pre-season. The Southwest Afognak Section and the eastern portion of the North Shelikof management unit (the Northwest Afognak and Shuyak Islands Sections) were scheduled for a 105-hour weekly fishing period starting noon July 6. For the western portion of the North Shelikof management unit (in the Mainland District from Big River to Dakavak), weekly fishing periods were scheduled to be 57 hours starting noon July 6 (Brennan et al. 2005).

#### **First Fishing Period (July 6 to 10)**

The first period was slow in part due to a lower amount of effort than in the recent past. Most of the effort was in the Mainland District. Only 10 permit holders made landings in the North Shelikof Management units. By the end of the period, July 10, there was a total harvest of 18,531 salmon of which approximately 58% (10,698) of the harvest were sockeye salmon with an average weight of nearly 5.9 pounds (Appendix F5).

Effort was higher in the Southwest Afognak Section with 24 permit holders harvesting 356 Chinook, 21,796 sockeye, 743 coho, 93,471 pink, and 1,800 chum salmon in the first period. The average weight for the sockeye salmon in the Southwest Afognak Section was 5.4 pounds (Appendix F6).

#### **Second Fishing Period (July 12 to 16)**

Despite the continued low effort, it was evident early in the second period that the 15,000 sockeye salmon harvest cap of the North Shelikof would be exceeded by the end of July 12, and the seaward zones were closed at 12:01 AM July 13. After the closure of the North Shelikof unit seaward zones, approximately 12 vessels fished in the north Mainland District, fishing within the

---

-continued-

shoreward zone. The salmon harvest for the North Shelikof Unit, for the second period, was 24 Chinook, 37,951 sockeye, 1,094 coho, 10,658 pink, and 3,845 chum salmon (Appendix F5).

During the second period fishing effort in the Southwest Afognak unit dropped to less than 4 permit holders and due to confidentiality rules, the harvest information cannot be released.

### **Third Fishing Period (July 19 to 23)**

During the third fishing period on July 19, approximately six vessels fished the shoreward zones of the North Shelikof units, with most of the effort occurring in the sections of the Mainland District. There was little or no effort on the Afognak side of the North Shelikof unit (in the Northwest Afognak and Shuyak Island Sections). A total of 11,207 sockeye salmon were harvested in the shoreward zone of the North Shelikof unit during the third opening. Also harvested were 21 Chinook, 689 coho, 9,414 pink, and 948 chum salmon (Appendix F5).

During the third period, seven vessels fished the Southwest Afognak unit. Harvest rates remained low. Commercial fishing was extended beyond July 25 although catch rates were so low that the fleet left the area after July 22. The salmon harvest in the Southwest Afognak unit for the third fishing period was 72 Chinook, 5,106 sockeye, 505 coho, 46,230 pink, and 582 chum salmon (Appendix F6).

### **2005 Summary**

The 2005 North Shelikof Unit harvest for the July 6 through July 25 period totaled 87 Chinook, 59,856 sockeye, 1,809 coho, 27,269 pink, and 5,361 chum salmon, with 22 vessels participating (Appendix F3).

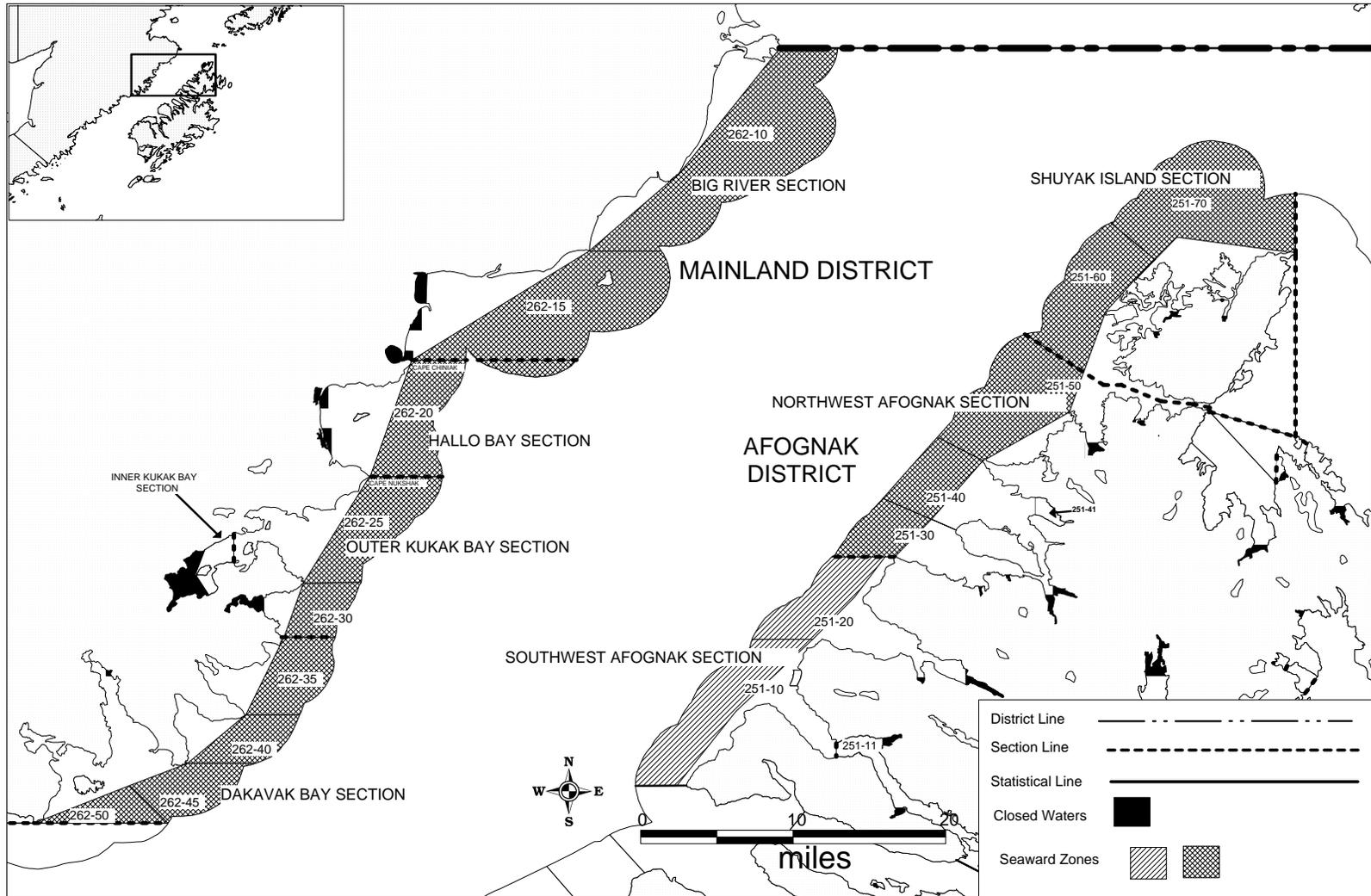
The 2005 Southwest Afognak Unit harvest for the time period July 6 through July 25 totaled 492 Chinook, 30,262 sockeye, 1,501 coho, 156,150 pink, and 2,754 chum salmon, with 29 vessels participating (Appendix F4).

---

-continued-

### LITERATURE CITED

- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Salmon fishing in the Kodiak and Chignik Areas, 2005-2008. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.
- 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.
- Brennan, K., J. Wadle, and D. Gretsche. 2005. Kodiak Management Area harvest strategy for the 2005 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-32, Kodiak.
-



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 units (15,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1991-2005.

Year	Mainland		N. Afognak		Zone Closure		Total 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	Date	Time	Sockeye Harvest at time of zone closure	Number of Vessels	Chinook	sockeye	coho		pink	chum
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	6.3	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	4.3	13.1	8.3	7/13	12:01 AM	17,400	22	87	59,856	1,809	27,269	5,361	5.1

Note: In 1988, the Upper Cook Inlet sockeye salmon run was very strong; the Upper Cook Inlet commercial harvest was approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof Units from 7/6-25, 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 and Southwest Afognak Units (5 AAC 18.363).

**Appendix F4.**-Summary of fishing time, zone closures, effort, and harvest by species, for the Southwest Afognak management unit (50,000 sockeye salmon harvest trigger) of the Kodiak Management Area, 1990-2005.

Year	# of days		Zone Closure		Sockeye Harvest at time of zone closure	Number of Vessels	Total Harvest by Species - July 6 through July 25					Upper Cook Inlet sockeye harvest (in millions)
	# of days open to fishing	Seaward Zone closed	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

Note: In 1988, the Upper Cook Inlet sockeye salmon run was very strong; the Upper Cook Inlet commercial harvest was approximately 6,800,000 sockeye salmon. In the Kodiak Area, within the North Shelikof Units from 7/6-25, 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 and Southwest Afognak Units (5 AAC 18.363).

**Appendix F5.-Daily salmon harvest by section and species for the North Shelikof Management Units of the North Shelikof Strait Sockeye Salmon Management Plan, 2005.**

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		Total Salmon		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
<b>First Period (July 6-July 10)</b>															
6-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7-Jul	7	7	30	500	6,351	37,325	10	40	5,298	16,648	316	3,095	12,005	57,608	
8-Jul	4	4	4	60	2,754	19,273	15	118	736	2,415	244	1,953	3,753	23,819	
<b>Total</b>	<b>10</b>	<b>13</b>	<b>42</b>	<b>636</b>	<b>10,698</b>	<b>62,672</b>	<b>26</b>	<b>161</b>	<b>7,197</b>	<b>22,962</b>	<b>568</b>	<b>5,124</b>	<b>18,531</b>	<b>91,555</b>	
<b>Avg. Wt.</b>				<b>15.1</b>		<b>5.9</b>		<b>6.2</b>		<b>3.2</b>		<b>9.0</b>			
<b>Second Period (July 12-16)</b>															
12-Jul	7	8	3	39	15,606	91,921	754	5,895	4,495	15,212	1,858	14,826	22,716	127,893	
13-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14-Jul	12	14	21	494	18,638	105,963	283	2,294	5,545	19,277	1,563	12,745	26,050	140,773	
15-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Total</b>	<b>15</b>	<b>25</b>	<b>24</b>	<b>533</b>	<b>37,951</b>	<b>218,001</b>	<b>1,094</b>	<b>8,718</b>	<b>10,658</b>	<b>36,399</b>	<b>3,845</b>	<b>30,925</b>	<b>53,572</b>	<b>294,576</b>	
<b>Avg. Wt.</b>				<b>22.2</b>		<b>5.7</b>		<b>8.0</b>		<b>3.4</b>		<b>8.0</b>			
<b>Third Period (July 19-23)</b>															
19-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
20-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
21-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
22-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Total</b>	<b>6</b>	<b>7</b>	<b>21</b>	<b>475</b>	<b>11,207</b>	<b>67,874</b>	<b>689</b>	<b>4,791</b>	<b>9,414</b>	<b>30,817</b>	<b>948</b>	<b>8,148</b>	<b>649,128</b>	<b>3,573,696</b>	
<b>Avg. Wt.</b>				<b>22.6</b>		<b>6.1</b>		<b>7.0</b>		<b>3.3</b>		<b>8.6</b>			
<b>North Shelikof Management Harvest July 6-25</b>															
<b>Total</b>	<b>22</b>	<b>45</b>	<b>87</b>	<b>1,644</b>	<b>59,856</b>	<b>348,547</b>	<b>1,809</b>	<b>13,670</b>	<b>27,269</b>	<b>90,178</b>	<b>5,361</b>	<b>44,197</b>	<b>721,231</b>	<b>3,959,827</b>	
<b>Avg. Wt.</b>				<b>18.9</b>		<b>5.8</b>		<b>7.6</b>		<b>3.3</b>		<b>8.2</b>			

\* Confidential data.

**Appendix F6.**-Daily salmon harvest by section and species, in the Southwest Afognak management units of the North Shelikof Strait Sockeye Salmon Management Plan, 2005.

Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
First Period (July 6-10)												
6-Jul	6	6	15	128	4,345	21,069	304	3,064	11,630	39,172	291	2,252
7-Jul	11	12	154	1,504	7,231	39,371	136	796	23,529	90,278	410	3,181
8-Jul	11	11	150	1,457	5,542	32,572	242	1,993	31,905	103,485	696	10,868
9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
10-Jul	8	8	9	147	2,613	13,460	57	377	17,656	63,124	275	2,192
Total	24	40	356	3,506	21,796	118,218	743	6,262	93,471	324,960	1,800	19,610
Avg. Wt.				9.85		5.42		8.43		3.48		10.89
Second Period (July 12-16)												
15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total	*	*	*	*	*	*	*	*	*	*	*	*
Third Period (July 19-25)												
19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
22-Jul	4	4	37	874	2,691	14,087	187	1,581	15,586	48,780	201	2,194
Total	7	9	72	1,503	5,106	28,488	505	4,160	46,230	147,640	582	6,036
Avg. Wt.				20.88		5.58		8.24		3.19		10.37
Season												
Total	29	53	492	5,646	30,262	168,552	1,501	12,079	156,150	538,403	2,754	28,268
Avg. Wt.				11.48		5.36		5.57		8.05		12.93

\* Confidential data.

## **APPENDIX G. EASTSIDE AFOGNAK FISHERY SUMMARY**

## INTRODUCTION

In 1990 the Alaska Board of Fisheries (BOF) adopted the Eastside Afognak Management Plan (5AAC 18.365; ADF&G 2005) 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 KMA commercial fishery managers and the Kitoi Bay Hatchery manager. This hatchery, on the eastside 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 assure broodstock for the hatchery. This plan details the key species and targeted stocks which are managed in each of these sections throughout the fishing season.

### **2005 Eastside Afognak Fishery**

Management of the Southeast Afognak Section is based on local salmon runs. Fisheries may be allowed from June 5 to July 5 based on the sockeye salmon returning to the Afognak Lake system, and after July 6 based on local pink, chum, and coho salmon. The initial opening for this system is normally scheduled for June 14 (Brennan et al. 2005). Although small harvestable surpluses were projected for the 2005 season, low returns of sockeye salmon to Afognak Lake resulted in no directed sockeye salmon commercial fisheries. However, for the first time in 4 years, the run was strong enough to allow subsistence and sport harvest of fish from this system.

The pink salmon return to the Kitoi Bay Hatchery was stronger than forecast (Eggers 2005; 8.0 to 11.6 million). In order to allow harvest opportunity on the pink salmon returning to the Kitoi Bay Hatchery, the Southeast Afognak Section was allowed to initially open July 12 but there was little effort there. The Southeast Afognak Section harvest for the season included 1 Chinook, 871 sockeye, 110 coho, 19,843 pink, and 286 chum salmon (Appendix G3).

Duck Bay, Izhut Bay, Inner Kitoi and Outer Kitoi Bay Sections all opened to commercial salmon fishing on June 5 with the last delivery occurring on September 29. In fisheries targeting the Kitoi Bay hatchery return, which include the Duck Bay, Izhut Bay, Inner Kitoi and Outer Kitoi Bay sections, 98 permit holders harvested 175 Chinook 44,705 sockeye, 151,729 coho, 13,603,742 pink, and 91,814 chum salmon (Appendix G3). The hatchery pink, and sockeye salmon harvests were above projected 2005 point estimates. The Kitoi Bay Hatchery coho salmon harvest was very close to the projected expectations although the chum salmon return was much weaker than expected.

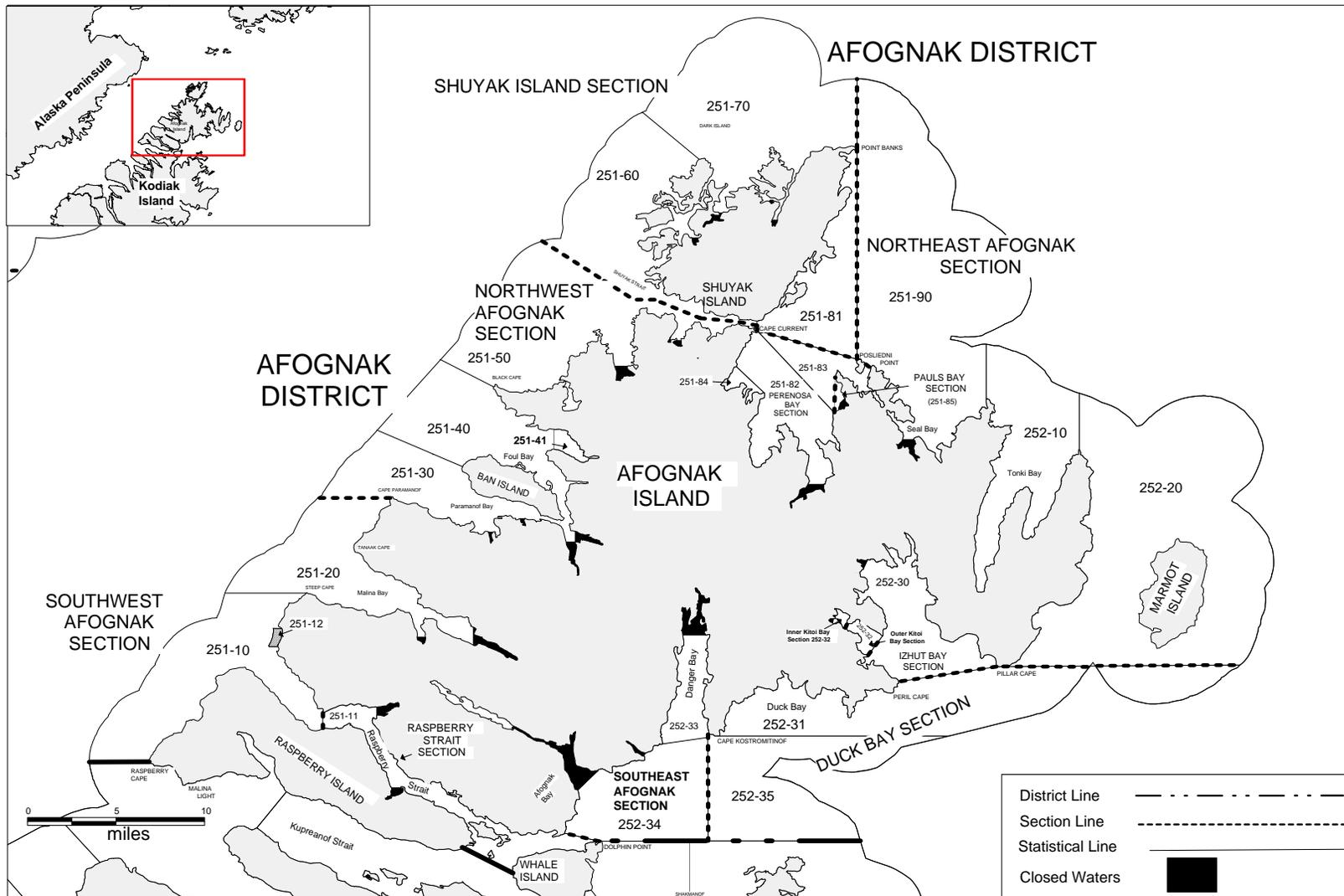
---

-continued-

There was a cost recovery fishery near the Kitoi Bay Hatchery, with Kitoi pink salmon harvested and sold by KRAA. The cost recovery fishery took approximately 2.6 million pink salmon (9.2 million pounds), about 19% of the Kitoi Bay Hatchery pink salmon 2005 harvest (13,603,742 fish).

### LITERATURE CITED

- ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division, Juneau.
- Brennan, K., D. Gretsche, and J. Wadle. 2005. Kodiak management area harvest strategy for the 2002 commercial salmon fishery. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 4K05-32, Kodiak.
- Eggers D.M., 2005. Run forecasts and harvest projections for 2005 Alaska salmon fisheries and review of the 2004 season. Alaska Department of Fish and Game, Division of Commercial Fisheries, Special Publication 05-01, Anchorage.



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, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Southeast Afognak Section													
252-34 & 33	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		5	5	1	21	871	4,581	110	812	19,843	66,757	286	2,262
Avg. Wt.							5.3		7.4		3.4		7.9
Izhut Bay Section													
252-30	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	27-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	6	6	2	4	142	803	33	237	1,548	6,314	5,678	43,713
	1-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

Appendix G3.-Page 2 of 7.

Management Unit	Date	Permits	Chinook		Sockeye		Coho		Pink		Chum		
			Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Izhut Bay Section	10-Jul	*	*	*	*	*	*	*	*	*	*	*	
(continued)	18-Jul	*	*	*	*	*	*	*	*	*	*	*	
	19-Jul	7	7	2	37	509	3,078	286	1,732	53,363	176,115	476	3,412
	20-Jul	11	11	0	0	808	4,676	273	1,870	88,654	292,284	742	5,756
	21-Jul	10	11	0	0	1,958	10,755	629	4,347	81,472	273,704	468	3,416
	22-Jul	12	13	1	27	1,266	7,538	504	3,208	69,772	238,924	503	3,478
	23-Jul	7	7	0	0	1,065	5,879	351	2,251	41,715	139,747	237	1,806
	24-Jul	12	12	0	0	1,279	7,135	1,180	8,078	93,023	298,082	539	3,945
	25-Jul	13	14	0	0	409	2,190	453	3,426	104,195	371,001	234	1,906
	26-Jul	10	11	0	0	236	1,411	217	1,556	88,135	286,067	261	1,890
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	10-Aug	16	16	0	0	41	218	276	2,064	135,573	436,988	31	154
	11-Aug	30	33	8	52	111	719	659	5,309	212,733	711,442	38	287
	12-Aug	12	12	0	0	178	1,075	363	2,867	92,057	331,876	28	221
	13-Aug	22	25	0	0	100	649	758	6,248	177,970	585,584	42	346
	14-Aug	13	17	0	0	73	489	451	4,079	127,857	424,079	59	422
	15-Aug	21	28	0	0	71	449	468	3,822	174,675	582,913	11	84
	16-Aug	7	7	0	0	49	306	289	2,264	56,572	214,270	9	73
	17-Aug	20	33	0	0	94	596	265	2,090	164,796	577,763	13	101
	18-Aug	25	39	0	0	115	685	491	3,554	234,940	835,470	32	236
	19-Aug	25	30	0	0	50	249	1,174	9,311	217,196	742,120	7	40
	20-Aug	22	22	0	0	279	1,807	1,352	10,129	174,625	604,911	13	93
	21-Aug	21	24	0	0	117	759	1,837	14,510	134,135	446,716	1	2
	22-Aug	20	28	0	0	27	176	2,232	16,134	164,252	542,482	5	26
	23-Aug	11	12	0	0	12	43	1,708	12,710	87,282	319,258	2	9
	24-Aug	20	24	0	0	24	114	3,858	29,289	188,875	674,945	21	112
	25-Aug	10	11	0	0	18	80	4,493	37,254	52,883	187,470	11	36
	26-Aug	10	10	0	0	25	107	4,707	36,974	85,726	309,423	9	34
	27-Aug	11	11	0	0	35	165	3,894	30,926	60,217	217,465	6	14
	28-Aug	12	17	0	0	66	348	4,776	40,660	66,020	248,959	0	0
	29-Aug	12	13	0	0	50	265	6,352	50,612	66,146	252,766	9	60
	30-Aug	4	4	0	0	66	392	569	5,270	19,654	75,537	0	0
	31-Aug	8	9	0	0	24	112	3,808	26,463	14,104	51,701	5	33

-continued-

Appendix G3.-Page 3 of 7.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Izhut Bay Section (continued)	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	5	5	0	0	15	79	6,102	39,381	1,267	4,557	0	0
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
21-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
Total		75	581	57	423	12,125	69,075	75,535	556,052	3,379,410	11,626,931	39,561	289,467
Avg. Wt.					7.4		5.7		7.4		3.4		7.3
Duck Bay Section 252-31 & 35	6-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	7-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	17-Jul	7	7	3	40	1,809	9,723	495	3,389	27,674	94,518	526	3,990
18-Jul	8	8	3	10	3,754	21,209	735	4,541	46,598	168,564	1,133	8,112	
19-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
20-Jul	6	6	3	36	1,028	5,971	442	2,516	50,290	168,539	346	2,221	

-continued-

Appendix G3.-Page 4 of 7.

Management		Chinook				Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Duck Bay Section	21-Jul	10	10	7	141	1,176	6,448	453	3,010	84,146	278,836	551	3,954
(continued)	22-Jul	9	9	0	0	1,506	8,270	499	3,145	78,880	269,557	539	3,778
	23-Jul	14	14	1	16	1,233	7,112	496	3,153	101,081	324,078	613	4,572
	24-Jul	13	13	2	72	1,000	5,520	739	4,491	141,422	465,814	832	6,282
	25-Jul	7	7	0	0	490	2,496	289	1,773	66,432	235,675	350	2,460
	26-Jul	15	17	0	0	764	4,316	535	3,608	187,052	657,381	775	5,406
	27-Jul	16	18	0	0	320	1,689	199	1,353	147,434	510,606	243	1,687
	28-Jul	18	21	4	76	580	3,262	323	2,030	181,523	622,654	486	3,528
	29-Jul	20	21	2	45	536	2,729	537	3,262	166,492	598,366	468	3,573
	30-Jul	29	33	5	94	637	3,426	576	3,800	234,384	760,940	1,034	7,844
	31-Jul	15	15	0	0	267	1,428	202	1,431	135,670	462,794	220	1,681
	1-Aug	22	24	0	0	476	2,641	283	2,094	206,744	685,871	435	3,326
	3-Aug	29	34	0	0	1,552	8,502	627	4,476	315,037	1,065,178	719	5,661
	4-Aug	36	39	7	200	683	3,475	612	4,271	364,104	1,213,358	442	3,134
	5-Aug	28	31	27	595	259	1,347	454	3,028	256,345	925,295	343	2,300
	6-Aug	45	49	3	63	159	875	344	2,411	402,651	1,339,504	230	1,663
	7-Aug	36	36	0	0	164	931	500	3,609	298,090	990,207	190	1,609
	8-Aug	39	45	0	0	224	1,370	431	3,422	316,455	1,085,567	93	753
	9-Aug	35	42	1	33	269	1,433	639	4,421	330,544	1,114,151	140	1,077
	10-Aug	29	33	2	36	105	561	414	2,896	232,549	813,673	65	476
	11-Aug	21	22	0	0	171	1,092	913	6,421	180,351	645,164	47	336
	12-Aug	26	34	0	0	122	641	1,133	8,652	245,517	868,272	107	733
	13-Aug	30	38	1	14	340	1,701	1,604	12,454	327,999	1,140,894	133	1,005
	14-Aug	21	26	0	0	328	1,815	1,688	12,177	210,185	741,397	91	660
	15-Aug	22	28	0	0	722	3,580	1,819	12,076	295,374	1,022,257	174	1,220
	16-Aug	10	10	0	0	142	767	717	4,951	97,441	365,043	24	168
	17-Aug	18	21	0	0	129	678	753	4,697	197,950	719,705	88	519
	18-Aug	21	26	0	0	229	1,166	1,021	7,457	180,462	648,114	38	255
	19-Aug	25	31	0	0	184	955	2,052	13,666	206,758	724,199	21	137
	20-Aug	27	31	1	26	175	831	2,428	16,055	219,899	798,218	138	1,016
	21-Aug	22	28	3	46	130	649	2,986	20,589	166,946	593,338	165	1,135

-continued-

Appendix G3.-Page 5 of 7.

Management		Permits	Chinook				Sockeye		Coho		Pink		Chum	
Unit	Date		Landings	lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Duck Bay Section	22-Aug	17	19	0	0	130	615	2,449	16,006	147,231	537,996	107	705	
(continued)	23-Aug	13	14	0	0	78	349	2,335	15,855	97,444	341,492	22	112	
	24-Aug	12	12	0	0	110	515	2,449	17,084	95,734	368,228	13	81	
	25-Aug	8	8	0	0	102	499	1,494	10,515	57,089	208,067	22	120	
	26-Aug	11	11	4	86	370	1,830	3,254	23,226	84,224	313,611	123	911	
	27-Aug	7	7	3	60	161	824	1,917	13,357	67,227	248,339	24	147	
	28-Aug	8	9	0	0	14	70	5,070	29,186	28,779	142,936	11	77	
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	30-Aug	7	7	0	0	33	166	8,329	55,505	31,512	120,627	2	11	
	31-Aug	5	5	0	0	15	73	5,222	31,400	15,381	56,012	7	49	
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	8-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*	
	Total	82	964	110	1,922	31,608	177,012	71,113	474,209	7,417,404	25,763,407	24,675	174,014	
	Avg. Wt.				17.5		5.6		6.7		3.5		7.1	
Inner & Outer Kitoi														
Bay Sections														
252-32	11-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	13-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	17-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	19-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	20-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*	

-continued-

Appendix G3.-Page 6 of 7.

Management		Date	Permits	Chinook		Sockeye		Coho		Pink		Chum		
Unit	Landings			lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Inner & Outer Kitoi														
Bay Sections														
(continued)		23-Jun	*	*	*	*	*	*	*	*	*	*	*	
		24-Jun	*	*	*	*	*	*	*	*	*	*	*	
		25-Jun	*	*	*	*	*	*	*	*	*	*	*	
		26-Jun	6	6	1	6	153	785	4	23	408	1,241	5,401	40,944
		27-Jun	*	*	*	*	*	*	*	*	*	*	*	
		28-Jun	*	*	*	*	*	*	*	*	*	*	*	
		29-Jun	*	*	*	*	*	*	*	*	*	*	*	
		30-Jun	*	*	*	*	*	*	*	*	*	*	*	
		19-Jul	*	*	*	*	*	*	*	*	*	*	*	
		21-Jul	*	*	*	*	*	*	*	*	*	*	*	
		23-Jul	*	*	*	*	*	*	*	*	*	*	*	
		29-Jul	*	*	*	*	*	*	*	*	*	*	*	
		30-Jul	*	*	*	*	*	*	*	*	*	*	*	
		1-Aug	*	*	*	*	*	*	*	*	*	*	*	
		3-Aug	*	*	*	*	*	*	*	*	*	*	*	
		4-Aug	*	*	*	*	*	*	*	*	*	*	*	
		6-Aug	*	*	*	*	*	*	*	*	*	*	*	
		7-Aug	*	*	*	*	*	*	*	*	*	*	*	
		8-Aug	*	*	*	*	*	*	*	*	*	*	*	
		9-Aug	*	*	*	*	*	*	*	*	*	*	*	
		10-Aug	*	*	*	*	*	*	*	*	*	*	*	
		11-Aug	*	*	*	*	*	*	*	*	*	*	*	
		12-Aug	*	*	*	*	*	*	*	*	*	*	*	
		13-Aug	*	*	*	*	*	*	*	*	*	*	*	
		14-Aug	*	*	*	*	*	*	*	*	*	*	*	
		15-Aug	*	*	*	*	*	*	*	*	*	*	*	
		16-Aug	*	*	*	*	*	*	*	*	*	*	*	
		17-Aug	*	*	*	*	*	*	*	*	*	*	*	
		18-Aug	*	*	*	*	*	*	*	*	*	*	*	
		19-Aug	4	4	0	0	8	43	44	337	23,886	93,196	1	6
		20-Aug	*	*	*	*	*	*	*	*	*	*	*	
		21-Aug	*	*	*	*	*	*	*	*	*	*	*	

-continued-

Appendix G3.-Page 7 of 7.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				lumber	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner and Outer Kitoi Bay Sections													
(continued)	22-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	23-Aug	5	7	0	0	6	29	533	4,033	33,073	109,478	1	6
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	4-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	10-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	17-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	22-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	29-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		35	103	8	148	972	5,077	5,081	43,264	2,806,928	9,599,909	27,578	196,546
Avg.Wt.					18.5		5.2		8.5		3.4		7.1
Management Units Targeting Kitoi Hatchery (Inner & Outer Kitoi, Izhut and Duck Bay Sections)													
Subtotal		98	1,634	175	2,493	44,705	251,164	151,729	1,073,525	13,603,742	46,990,247	91,814	660,027
Avg.Wt.					14.2		5.6		7.1		3.5		7.2
East Afognak Management Units													
Grand Total		98	1,638	176	2,514	45,576	255,745	151,839	1,074,337	13,623,585	47,057,004	92,100	662,289
Avg.Wt.					14.3		5.6		7.1		3.5		7.2

\* Confidential data.



**APPENDIX H. SPIRIDON BAY SPECIAL HARVEST AREA  
FISHERY SUMMARY**

**Appendix H1.**-Narrative account of the Spiridon Bay Special Harvest Area sockeye salmon fishery in the Kodiak Management Area, 2005.

---

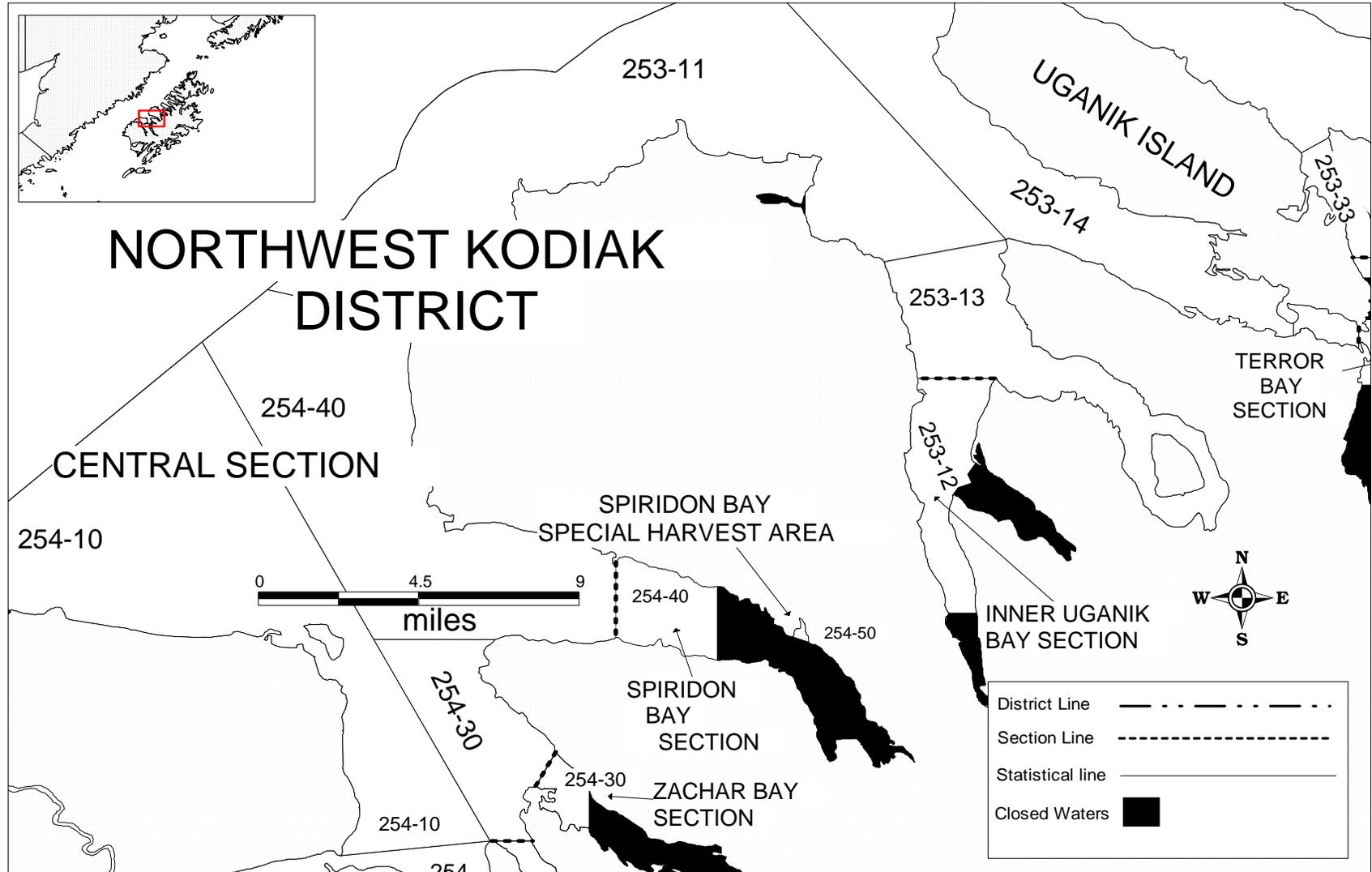
## INTRODUCTION

Adult sockeye salmon, resulting from juvenile stocking of Spiridon Lake, return each year to Telrod Cove in Spiridon Bay (Appendix H2), and are vulnerable to harvest in westside Kodiak commercial fisheries. A return of approximately 104,000 Spiridon Lake sockeye salmon was expected in 2005. Sockeye salmon stocked into Spiridon Lake were from Saltery Lake stocks. Spiridon Lake sockeye salmon are expected to return in late June to early July, peak in mid to late July, and end in by mid-August. This run timing should follow the Saltery Lake sockeye salmon stock.

### **2005 Spiridon Bay sockeye salmon fishery**

On June 21 the Spiridon Bay Special Harvest Area (SBSHA) in Telrod Cove was opened until further notice to allow harvest of enhancement project sockeye salmon. From ADF&G fish ticket reports, 13 seiners harvested 1 Chinook, 55,997 sockeye, 33,214 pink, and 2,106 chum salmon from the SBSHA (Appendix H3). Salmon purse seine and set gillnet permit holders operate along the westside of Kodiak in traditional fishing areas during fisheries directed at west side pink, chum, and late-run Karluk sockeye salmon. Some Spiridon-bound sockeye salmon are harvested in those fisheries. The total contribution of sockeye salmon by the Spiridon enhancement project to the common property fishery can be estimated based on past analyses of commercial catch samples from Westside Kodiak fisheries. The total 2005 harvest of Spiridon enhancement project sockeye salmon is estimated at 136,578 fish, with approximately 41% (55,997) harvested within the terminal harvest area and 59% (80,581) harvested in the Southwest Afognak Section and Northwest Kodiak District (Appendix H4) and are considered minimum estimates.

---



Appendix H2.-Map showing Spiridon Bay Special Harvest Area in the Northwest Kodiak District.

**Appendix H3.-Daily salmon harvest, by species and gear type, for the Spiridon Bay Special Harvest Area, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Spiridon Bay SHA													
	21-Jun	6	6	0	0	4,380	24,177	0	0	0	0	0	0
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jun	5	7	0	0	4,618	24,771	0	0	540	1,435	1	15
	29-Jun	6	6	0	0	821	4,310	0	0	179	556	5	85
	30-Jun	5	5	0	0	1,406	7,257	0	0	416	1,317	13	134
	1-Jul	4	4	0	0	1,070	5,618	0	0	400	1,305	18	181
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jul	4	4	0	0	2,222	11,959	0	0	440	1,437	9	79
	6-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	6	6	1	18	3,719	20,442	0	0	1,330	4,642	11	114
	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	5	5	0	0	4,805	26,222	0	0	2,963	10,447	123	1,570
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jul	4	4	0	0	6,032	33,552	0	0	4,042	14,699	304	3,657
	19-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	4	4	0	0	1,907	9,788	0	0	6,412	23,865	331	3,006
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	24-Jul	4	4	0	0	1,441	7,787	0	0	1,048	4,472	240	2,811
	25-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*

-continued-

**Appendix H3.-Page 2 of 2.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Spiridon Bay SHA													
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Aug	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>		13	120	1	18	55,997	293,976	0	0	33,214	119,766	2,106	21,589
<b>Avg. Weight</b>					18.00		5.25				3.61		10.25

\* Confidential data.

**Appendix H4.** - Estimated contribution to the commercial harvest of the sockeye salmon Spiridon Lake enhancement project, by locality, in the Kodiak Management Area, 2005.

	Actual		Estimated	
	Telrod Cove	Southwest Afognak Section and NW Kodiak District	Westside	Total
Total	55,997		80,581	136,578
Percent	41%		59%	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 (ADF&G 2005; 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 KMA (Brennan et al 2005). Fishing opportunities through August 24 are to be based on the abundance of local and mixed pink and chum salmon, except that in the Buskin River Section from July 6 to 15 fishing may be allowed based on local pink salmon and Buskin River (stream # 259-211) sockeye salmon. From August 25 to September 5, fishing periods are based on the abundance of local pink and coho salmon, and after September 5, on local coho salmon.

In the southern portion of the Eastside Kodiak District (Appendix I3), including the Seven Rivers, Two Headed, and Sitkalidak Sections, not more than two 33-hour fishing periods may occur from June 14 to July 5, to harvest local and mixed sockeye salmon. The Inner Ugak Bay Section may not open for more than two 33-hour fishing periods from June 14 to June 21. From June 22 to July 5 fishing opportunities are to be based on sockeye salmon bound to either the Pasagshak River (stream # 259-411) in Outer Ugak or the Saltery River (stream # 259-415) in Inner Ugak. From July 6 through August 24, fishing opportunities in all sections are to be based on the abundance of local and mixed pink and chum salmon, except that in Inner Ugak Saltery sockeye salmon must be considered through July 31. From August 25 to September 5, fishing periods are based on the abundance of local pink, chum, and coho salmon and after September 5 on local coho salmon (ADF&G 2005).

Within the Buskin River Section of the Northeast Kodiak District, the Buskin Lake system produces a significant run of sockeye salmon. Within the Inner Ugak Section of the Eastside Kodiak District, the Saltery Lake system produces a significant run of sockeye salmon. A weir is operated on the Buskin River for accurate escapement enumeration. Other minor sockeye salmon systems are present in the Eastside Kodiak District, including Pasagshak, Miam (stream # 259-412), and Ocean Beach (stream # 258-401).

### *2005 Eastside Kodiak Fisheries*

There was a decreased ability to monitor Saltery Lake sockeye salmon returns in 2005 due to the

---

-continued-

lack of funding for a weir. Despite this, aerial surveys indicated that the run was strong and liberal fishing time, with reduced closed waters, was initiated to keep escapements within optimum ranges. The Inner Ugak Section was first opened on June 14 then reopened on June 21 and remained open to almost continuous fishing until August 5 when the majority of the sockeye salmon escapement had been achieved. Pink salmon returns to the Eastside district were large and fisheries remained open almost continuously until the end of the season on October 31.

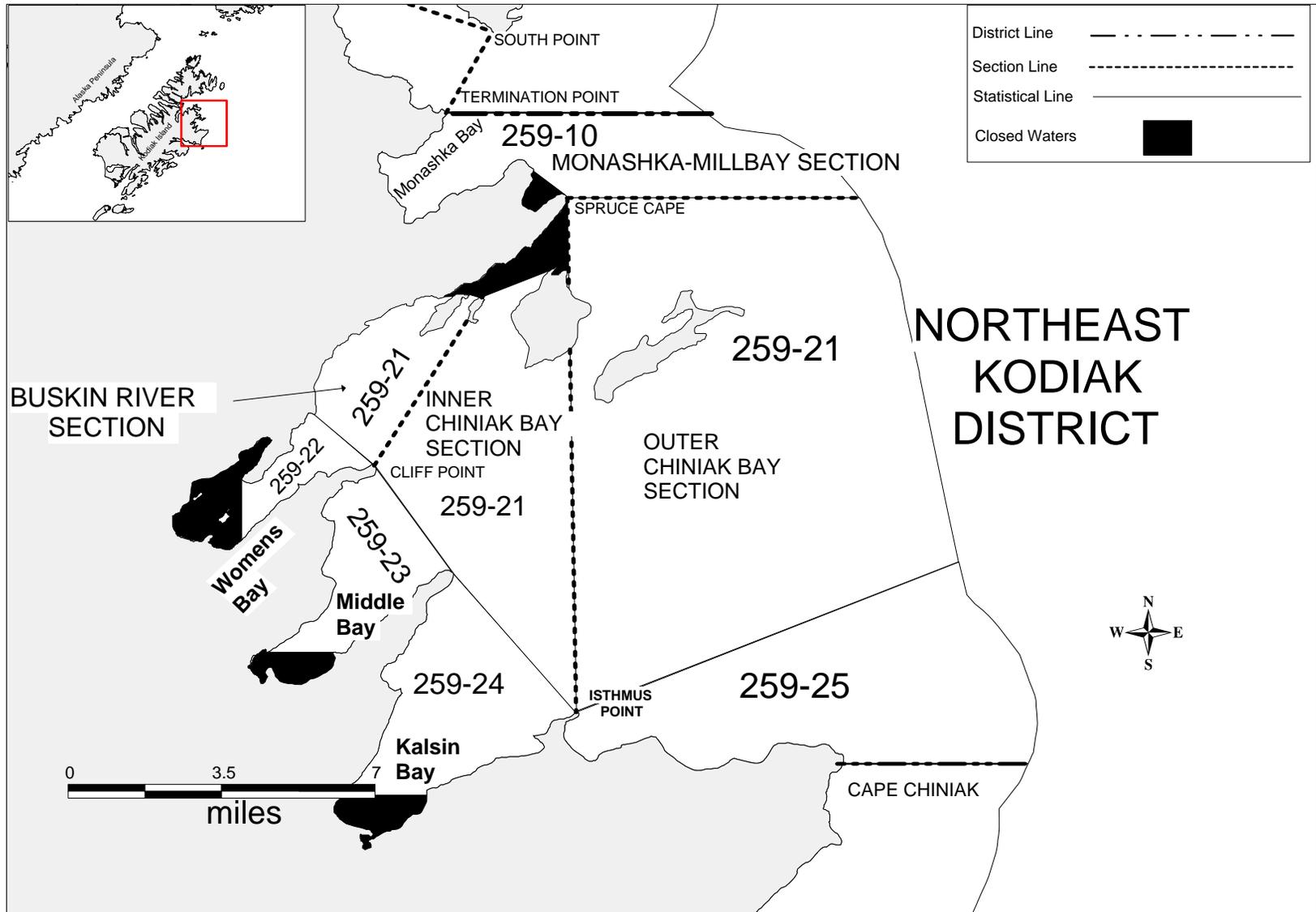
The Buskin River had another strong run of sockeye salmon and commercial salmon fishing was allowed initially on July 6. Other openers followed during the general pink salmon management period and late season coho salmon management. The total commercial harvest for the Eastside Kodiak management units (Northeast and Eastside Kodiak Districts) was 5,634,999 salmon by 68 permit holders, including 516 Chinook, 124,905 sockeye, 40,663 coho, 5,405,559 pink, and 63,356 chum salmon (Appendix I4). The last landing from Eastside Kodiak management units occurred on September 26.

### **Literature Cited**

ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Management Division, Juneau.

Brennan, K., J. Wadle and D. Gretsche. 2005. Kodiak management area harvest strategy for the 2005 commercial salmon fishery. Alaska Department of Fish and Game, Fishery Management Report No 05-32, Anchorage.

---



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



**Appendix I4.-Daily commercial salmon harvest, by species, for the Eastside Kodiak Management Plan units, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Eastside Kodiak District	15-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	5	5	13	163	1,158	5,557	14	110	1,079	3,236	390	2,917
	22-Jun	5	5	40	458	4,098	21,410	18	138	7,605	26,759	2,528	20,837
	23-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	1-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	2-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	4-Jul	6	6	34	148	2,775	17,246	1,249	8,447	11,723	51,391	533	4,003
	5-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jul	19	20	39	514	10,524	54,212	1,870	11,796	46,871	149,643	1,272	9,724
	7-Jul	15	15	16	271	7,535	40,557	1,424	11,412	38,849	128,127	1,275	8,849
	8-Jul	7	8	4	52	8,956	42,089	1,733	10,252	34,045	103,446	980	7,843
	9-Jul	15	18	27	403	12,187	62,571	2,126	19,662	52,441	176,570	2,159	16,373
	10-Jul	13	13	18	216	8,329	43,261	2,170	16,107	50,261	164,192	1,518	12,139
	12-Jul	10	11	8	124	8,185	49,740	288	2,496	71,355	249,214	781	5,855
	13-Jul	13	17	12	188	18,269	107,565	1,690	10,985	134,436	424,291	2,269	17,727
	14-Jul	18	20	39	632	15,344	86,906	2,976	20,383	151,269	478,324	2,206	17,271
	15-Jul	7	9	4	99	960	5,861	114	836	74,040	213,326	259	2,081
	16-Jul	12	14	1	16	2,774	14,990	416	3,168	99,305	354,631	420	4,043
	17-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jul	10	11	3	70	1,042	6,475	86	751	109,097	384,633	415	3,178
	20-Jul	6	10	1	22	930	5,596	60	347	55,384	192,165	153	1,183
	21-Jul	8	9	6	126	511	3,296	114	644	85,381	329,559	206	1,586
	22-Jul	6	7	0	0	563	3,556	5	37	85,869	312,570	288	2,192
	23-Jul	6	9	5	100	421	2,329	94	570	68,950	257,445	296	2,520
	24-Jul	8	9	3	65	854	4,684	185	1,361	110,538	356,851	678	5,260
	25-Jul	8	10	1	16	532	3,199	177	1,194	99,596	354,173	838	6,375
	26-Jul	6	6	0	0	181	1,047	63	393	55,112	190,518	632	4,377
	27-Jul	14	16	7	142	541	2,949	110	756	189,930	608,183	842	6,473
	28-Jul	12	17	4	98	214	1,250	100	690	146,414	444,106	607	5,347
	29-Jul	18	21	13	326	483	2,906	265	1,579	246,868	740,793	1,495	12,800
	30-Jul	14	19	7	103	215	1,285	63	503	190,780	625,861	1,245	8,375

-continued-

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
Eastside Kodiak District	31-Jul	22	25	1	15	357	2,017	50	360	292,333	1,009,589	1,246	10,092
(continued)	1-Aug	21	25	3	69	421	2,528	107	816	280,701	897,691	1,318	9,639
	2-Aug	10	11	0	0	82	450	18	129	98,663	334,357	544	4,174
	3-Aug	18	22	1	30	312	1,858	162	1,247	241,901	746,112	1,418	11,395
	4-Aug	19	21	1	16	244	1,462	88	776	217,700	732,705	1,213	10,528
	5-Aug	7	11	0	0	73	376	26	192	75,423	296,794	602	4,847
	6-Aug	15	20	0	0	115	660	49	372	188,208	591,418	731	6,308
	7-Aug	14	19	0	0	181	990	89	776	181,431	626,429	914	6,537
	8-Aug	16	22	8	103	221	1,183	106	821	141,873	477,915	1,354	11,766
	9-Aug	16	19	1	23	140	827	65	606	170,740	533,570	947	7,815
	10-Aug	16	19	0	0	131	799	54	411	124,358	363,729	566	4,354
	11-Aug	13	15	1	24	82	519	47	425	100,138	273,883	669	5,066
	12-Aug	14	23	0	0	70	412	58	462	102,057	285,836	447	3,501
	13-Aug	14	22	0	0	144	817	87	780	150,420	493,840	935	6,922
	14-Aug	15	28	0	0	1,402	6,410	776	6,114	160,738	533,038	1,547	10,610
	15-Aug	12	18	0	0	479	2,703	261	2,126	73,098	219,961	633	5,260
	20-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	21-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	22-Aug	4	4	0	0	83	427	348	2,324	60,054	226,920	1,600	12,355
	24-Aug	4	4	0	0	88	448	717	4,776	69,782	250,912	1,126	9,176
	25-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	27-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	28-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	29-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	30-Aug	4	4	0	0	272	1,373	1,918	15,964	77,352	284,233	2,209	15,810
	31-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	1-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	2-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	3-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	5-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	6-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	9-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	13-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		63	689	508	6,383	124,623	688,127	35,671	265,940	5,367,316	17,747,075	61,897	471,609
Avg. Weight					12.56		5.52		7.46		3.31		7.62

-continued-

Appendix I4.-Page 3 of 3.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Northeast Kodiak District													
	6-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	28-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	26-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	7-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	11-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	12-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	14-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	15-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	16-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	19-Sep	*	*	*	*	*	*	*	*	*	*	*	*
	26-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total		11	25	8	48	282	1,342	4,992	39,649	38,243	136,595	1,459	10,436
Avg. Weight					6.00		4.76		7.94		3.57		7.15
Eastside Kodiak Management Plan													
Total		68	713	516	6,431	124,905	689,469	40,663	305,589	5,405,559	17,883,670	63,356	482,045
Avg. Weight					12.46		5.52		7.52		3.31		7.61

\* Confidential data.

## **APPENDIX J. NORTH AFOGNAK FISHERY SUMMARY**

## INTRODUCTION

In November of 1995, the BOF voted into regulation the North Afognak/Shuyak Island Salmon Management Plan (ADF&G 2005; 5AAC 18.368) governing 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 has been most recently modified in January of 2005.

For the Northeast Afognak and Shuyak Island Sections, commercial salmon fishing is to remain closed until July 6, when the general pink salmon fishery begins for most of the Kodiak Management Area. Fishing opportunities in the Northeast Afognak Section are based on the abundance of local and mixed pink salmon through August 24, then management switches toward local pink and coho salmon through September 5, then to local coho salmon after September 5. Fishing opportunities in the Shuyak Island Section are to be based on the abundance of local and mixed pink salmon through August 1, then are based on local coho salmon through the end of the season. From July 6 to 25 the Shuyak Island Section is 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 to July 5 fishing opportunities are based on sockeye salmon returning to the Pauls Bay and Portage Lake systems. Additional fishing time may 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 to July 20 management for the Perenosa Bay Section is based on local and mixed Kodiak pink salmon and Pauls and Portage Lakes sockeye salmon. From July 21 to August 20, management is based on the abundance of local and mixed pink salmon, from August 21 to September 5 on local pink and coho salmon, and after September 5 fishing opportunities are to be based on the abundance of local coho salmon.

For the Northwest Afognak Section, from June 1 to July 5 fishing opportunities are based on sockeye salmon bound to the minor systems at Thorsheim Lake (stream # 251-302) and Long Lagoon (stream # 251-301), though there may be no more than two 33-hour fishing periods. Additional fishing time may be allowed to harvest enhanced sockeye salmon bound for the Hidden

---

-continued-

Lake system, but only in the Foul Bay Special Harvest Area (FBSHA). From July 6 to August 24 management is based on the abundance of local and mixed pink salmon, and after August 24 fishing periods are 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 again only in the FBSHA. From July 6 to 25 the Northwest Afognak Section is also managed in accordance with the North Shelikof Strait Sockeye Salmon Management Plan (5 AAC 18.363).

For the Pauls Bay Section, from June 1 to July 5, fishing opportunities are based on sockeye salmon returning to Pauls Bay. From July 6 to August 1, management of the Pauls Bay Section is based on local and mixed pink salmon and sockeye salmon bound for Pauls Bay. After August 1, management is based on the abundance of local coho salmon. The department shall manage the Pauls Creek coho salmon escapement based on interim escapement objectives, as determined by the department.

### *2005 North Afognak/Shuyak Island Fisheries*

In 2005 the first commercial salmon fishing period for the North Afognak/Shuyak Island management units began June 1, limited to the Foul Bay and Waterfall Bay Special Harvest Areas. The FBSHA catches were poor although the effort was so low as to make the harvest confidential (Appendix J3). The sockeye salmon harvest tapered off and so did effort. The final FBSHA sockeye salmon harvest for the 2005 season was 7,389 sockeye salmon. The WBSHA fishery saw slightly better total sockeye salmon harvests (18,188; Appendix J3). The FBSHA was within the 2005 forecast (5,300 to 29,410) as well as the WBSHA (14,001 to 40,355; Table 10).

The Pauls Bay Section (5 ACC 18.368(f)) opened on June 21 in order to harvest surplus sockeye salmon. Due to budget constraints the Pauls Bay weir was not operated in 2005. Aerial and foot surveys were used to determine interim salmon escapements. The Pauls Bay Section was opened on August 2 and extended until further notice on August 16 when it was determined that the coho salmon escapement number exceeded objectives. The final harvest included 145 sockeye, 745 coho, and 300 pink salmon by 4 permit holders (Appendix J3)

For the entire North Afognak/Shuyak Island management units (Northwest Afognak, Perenosa Bay, Shuyak Islands, and Northeast Afognak Sections) the last landing was on August 19. Twenty-seven (27) permit holders harvested 270,266 salmon, including 164 Chinook, 32,397 sockeye, 2,430 coho, 231,315 pink, and 3,960 chum salmon from 87 landings (Appendix J3).

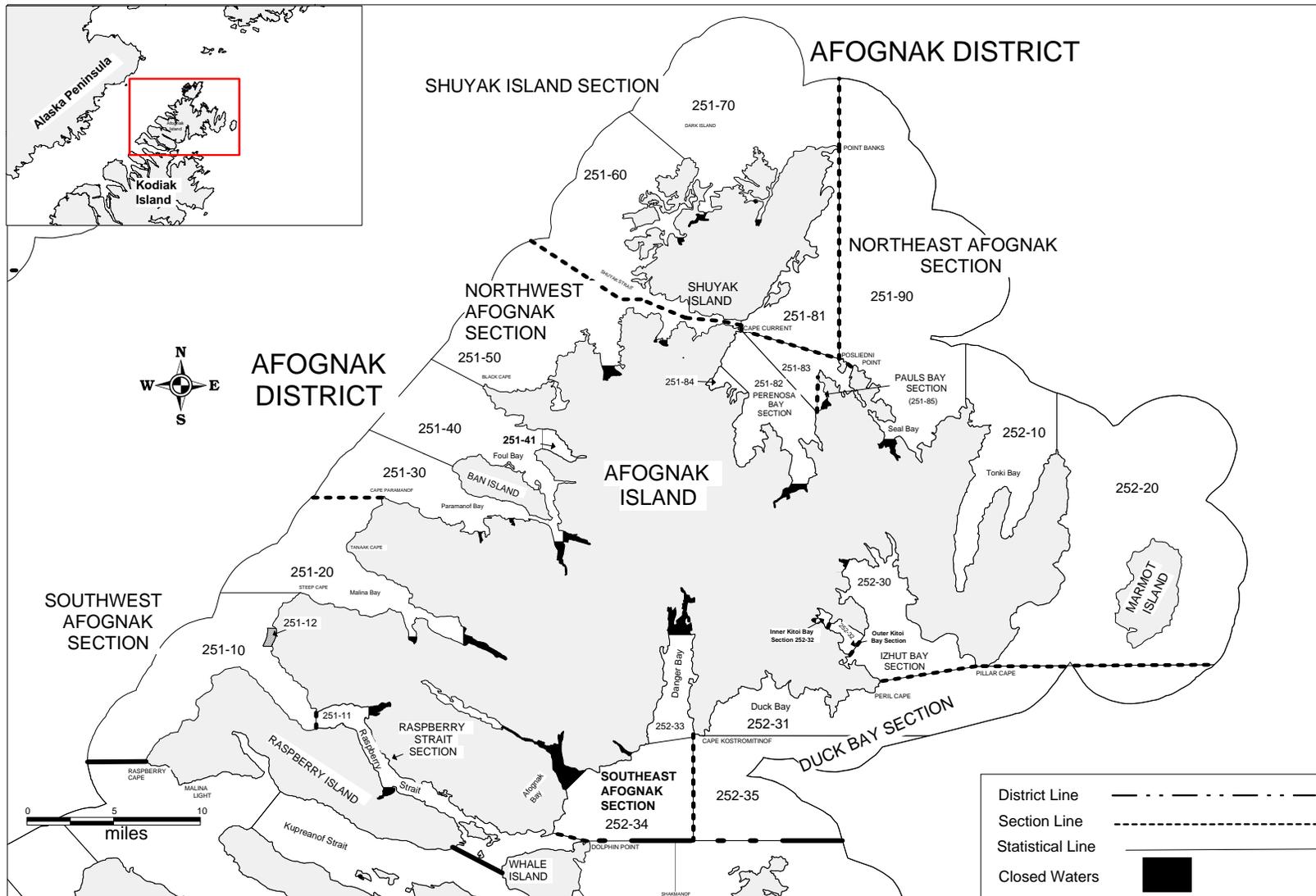
---

-continued-

### LITERATURE CITED

ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik, and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Division, Juneau.

---



Appendix J2.-Map showing the Afognak District of the Kodiak Management Area.

**Appendix J3.-Daily salmon harvest, by species, for the North Afognak/Shuyak Island management units, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Northeast Afognak Section														
	6-Jul	4	4	25	103	143	769	199	1,563	16,756	64,358	2,158	16,494	
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	8-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	9-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	29-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	30-Jul	4	4	0	0	24	145	20	128	20,485	65,503	17	106	
	3-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	4-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	5-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	6-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	8-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
	13-Aug	*	*	*	*	*	*	*	*	*	*	*	*	
Total			12	27	38	169	825	4,359	1,374	10,659	225,389	795,502	3,877	29,317
Avg. Weight					4.45		5.28		7.76		3.53		7.56	
Northwest Afognak Section (excluding Foul Bay)														
	15-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	6-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
	7-Jul	*	*	*	*	*	*	*	*	*	*	*	*	
Total			6	7	93	748	5,850	27,142	1	3	5,626	17,442	79	569
Avg. Weight					8.04		4.64		3.00		3.10		7.20	
Foul Bay Special Harvest Area														
	1-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	2-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	3-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	6-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	7-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	8-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	9-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	10-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	13-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
	19-Jun	*	*	*	*	*	*	*	*	*	*	*	*	
Total			8	21	4	79	7,389	33,690	0	0	0	0	0	0
Avg. Weight					19.75		4.56							

-continued-

Appendix J3.-Page 2 of 2.

Management				Chinook		Sockeye		Coho		Pink		Chum	
Unit	Date	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Pauls Bay Section	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	9-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		4	5	0	0	145	712	745	7,556	300	1,100	0	0
Avg. Weight							4.91		10.14		3.67		
Waterfall Bay Special Harvest Area													
	1-Jun	5	5	5	100	8534	39942	0	0	0	0	0	0
	2-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	3-Jun	4	4	9	118	2032	9526	0	0	0	0	0	0
	4-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	5-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	6-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	8-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	10-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	11-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	13-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	16-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	18-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jun	*	*	*	*	*	*	*	*	*	*	*	*
	22-Jun	*	*	*	*	*	*	*	*	*	*	*	*
Total		6	27	29	485	18,188	84,206	0	0	0	0	4	20
Avg. Weight					16.72		4.63						5.00
Shuyak Island Section													
	17-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
	19-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Avg. Weight									8.52				
North Afognak/ Shuyak Island Mangement Plan Units													
Total		27	87	164	1,481	32,397	150,109	2,430	20,860	231,315	814,044	3,960	29,906
Avg. Weight					9.03		4.63		8.58		3.52		7.55

\* Confidential data.



## **APPENDIX K. MAINLAND DISTRICT FISHERY SUMMARY**

## INTRODUCTION

The Mainland District in the Kodiak Management Area (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 non-local. The Cape Igvak Salmon Management Plan (Appendix C1) covers the southernmost sections of the Mainland District and 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 (Appendix F1) covers the northernmost sections of the Mainland District and, from July 6 to 25, limits the harvest of sockeye salmon due to concern for interception of Cook Inlet-bound fish. The Mainland District Salmon Management Plan, 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 (ADF&G 2005: 5 AAC 18.369).

For the majority of the Mainland District, commercial salmon fisheries remain closed until July 6, when the general pink salmon fishery begins for most of the Kodiak Area. The exceptions are the Cape Igvak Section (managed based on the strength of the Chignik sockeye salmon through July 25) and two very limited (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). From July 6 through 25, weekly fishing periods may not exceed 57 hours and fishing opportunities are to be based on the abundance of local and mixed stocks of pink and chum salmon, except in the Wide Bay Section, which must remain closed. From July 25 to the end of the season, fishing periods are based on the abundance of local pink, chum and coho salmon.

### **2005 Mainland District Fisheries**

The Big River and Outer Kukak sections opened for two 33-hour commercial salmon fishing periods on June 14 and June 21. For sections north of the Cape Igvak Section, the first three weekly fishing periods (through July 25) were 57 hours long in 2005, with the seaward zones closing on July 13. The entire district opened from July 26 to July 30. The Inner and Outer Kukak sections opened August 17 to August 19. The entire district opened again, except for the inner Kukak Bay, from September 7 to October 31 which is the seasonal closing date of the KMA commercial salmon fishery. The last landing for commercial salmon from the Mainland District occurred on August 18 (Appendix K3).

The total commercial harvest from the Mainland District was 1,089,346 salmon, including 1,918 Chinook, 552,751 sockeye, 10,963 coho, 473,812 pink and 49,902 chum salmon by 77 permit holders. This includes all salmon harvested along the Mainland, including those harvested under the

---

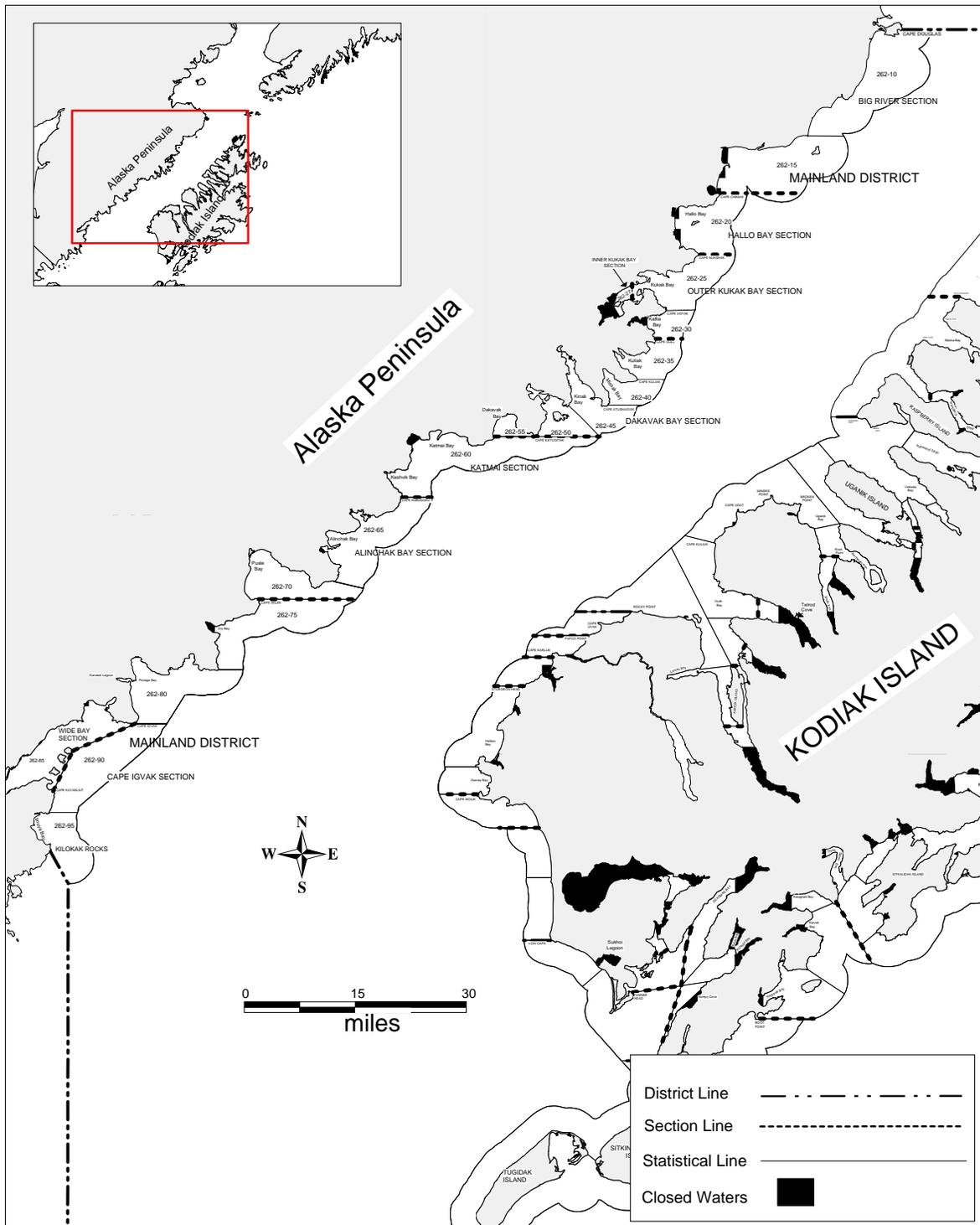
-continued-

direction of the Cape Igvak Salmon Management Plan and the North Shelikof Strait Sockeye Salmon Management Plan

### **LITERATURE CITED**

ADF&G (Alaska Department of Fish and Game). 2005. Regulations of the Alaska Board of Fisheries for Commercial Fishing in Alaska; 2005-2008 Chignik, and Kodiak Areas. Alaska Department of Fish and Game, Commercial Fisheries Division, Juneau.

---



**Appendix K2.**-Map showing the Mainland District identifying commercial salmon fishing sections and statistical areas.

**Appendix K3.-Daily commercial salmon harvest, by species, for the Mainland District Management Plan units, 2005.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Big River Section													
	27-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total				*	*	*	*	*	*	*	*	*	*
Avg. Weight					19.00		5.90		7.21		3.49		8.15
Hallo Bay Section													
	26-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total				*	*	*	*	*	*	*	*	*	*
Avg. Weight					0.00		6.50		8.02		3.00		7.99
Outer Kukak Bay Section													
	13-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	14-Jul	4	4	8	277	7,215	37,557	23	176	750	2,500	604	5,076
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	18-Aug	*	*	*	*	*	*	*	*	*	*	*	*
Total		8	10	10	314	11,602	61,760	128	1,045	4,368	12,344	2,680	21,478
Avg. Weight					31.40		5.32		8.16		2.83		8.01
Dakavak Bay Section													
	7-Jul	6	6	27	457	4,071	25,441	10	40	1,156	4,132	301	2,987
	8-Jul	7	7	26	452	3,923	26,735	16	124	1,294	4,090	387	3,096
	12-Jul	9	10	5	81	16,264	96,098	764	5,970	4,708	15,882	1,944	15,561
	13-Jul	5	5	6	115	7,541	41,841	185	1,097	2,071	6,385	932	7,314
	14-Jul	16	18	20	305	23,475	137,231	324	2,471	7,374	24,857	1,826	14,681
	15-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	19-Jul	4	4	16	454	9,469	55,494	587	3,800	5,050	15,410	757	6,322
	20-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	21-Jul	5	5	14	287	9,153	50,734	202	1,437	6,810	21,812	565	5,371
	22-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	26-Jul	14	15	26	548	43,961	267,191	2,070	15,297	20,932	70,388	2,584	20,714
	27-Jul	12	12	19	427	20,666	124,456	850	5,690	11,009	38,178	1,939	14,744
	28-Jul	15	15	24	534	32,646	202,392	1,920	14,038	19,377	66,915	2,714	21,337
	29-Jul	15	15	5	129	9,632	59,135	757	5,333	10,301	37,159	2,004	16,758
	30-Jul	11	11	52	991	18,944	105,368	1,821	14,259	19,988	70,237	2,600	23,415
Total		35	128	268	5,289	206,285	1,232,603	9,711	71,212	114,918	393,460	19,138	157,585
Avg. Weight					19.74		5.98		7.33		3.42		8.23

-continued-

Appendix K3.-Page 2 of 3.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Katmai Section	6-Jul	4	4	23	455	397	2,627	2	18	259	985	50	509
	7-Jul	5	5	25	570	1,521	9,366	0	0	892	3,323	134	1,438
	8-Jul	4	4	23	350	3,020	19,011	8	62	2,125	6,386	337	2,802
	13-Jul	6	6	8	195	4,754	28,297	20	191	1,601	5,716	596	5,719
	14-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	20-Jul	5	5	48	417	10,433	65,638	175	1,460	1,619	6,005	544	4,972
Total		12	25	128	2,042	20,710	128,279	205	1,731	6,666	22,962	1,690	16,036
Avg. Weight					15.95		6.19		8.44		3.44		9.49
Alinchak Bay Section	12-Jul	*	*	*	*	*	*	*	*	*	*	*	*
	30-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Avg. Weight					28.50		5.48		6.77		3.85		9.88
Cape Igvak Section													
	10-Jun	44	44	94	1,415	30,185	191,039	0	0	9,060	29,679	1,813	14,320
	11-Jun	41	42	144	1,908	30,778	187,877	1	4	23,209	78,250	1,812	14,081
	12-Jun	37	37	49	630	18,393	117,962	0	0	7,279	22,827	713	5,495
	13-Jun	37	38	107	1,508	17,887	107,240	0	0	10,601	37,011	789	6,423
	14-Jun	39	39	246	2,861	26,696	158,998	1	6	21,578	66,866	854	7,303
	15-Jun	22	22	124	1,755	12,621	75,661	0	0	8,959	31,090	342	2,667
	16-Jun	6	6	42	616	5,195	31,705	0	0	2,897	10,162	211	1,452
	19-Jun	33	33	98	1,311	14,798	94,357	2	18	14,771	49,612	998	7,460
	20-Jun	47	54	220	3,086	31,036	180,476	1	5	49,544	150,479	2,434	19,179
	21-Jun	39	40	88	1,138	29,305	186,221	0	0	50,307	165,662	3,280	25,605
	22-Jun	32	34	87	1,101	30,222	180,029	14	86	39,076	126,776	2,689	20,918
	23-Jun	36	37	84	1,109	25,303	163,891	21	137	47,468	138,181	2,895	22,646
	24-Jun	50	55	111	1,477	29,836	178,568	12	77	55,695	170,331	4,590	35,640
	25-Jun	*	*	*	*	*	*	*	*	*	*	*	*
Total		71	484	1,509	20,171	304,626	1,868,553	52	333	342,190	1,084,704	23,669	185,306
Avg. Weight					13.37		6.13		6.40		3.17		7.83

-continued-

**Appendix K3.-Page 3 of 3.**

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Wide Bay Section	12-Jun	*	*	*	*	*	*	*	*	*	*	*	*
Total		*	*	*	*	*	*	*	*	*	*	*	*
Avg. Weight							6.29						6.69
Mainland District Total													
Total		77	654	1,918	27,892	552,751	3,347,377	10,963	80,684	473,812	1,533,207	49,902	406,044
Avg. Weight					14.54		6.06		7.36		3.24		8.14

\* Confidential data.



**APPENDIX L. AREA WIDE HARVEST TABLES**

**Appendix L1.-Commercial salmon harvest, by management unit and statistical week, all gear combined, in the Kodiak Management Area, 2005.**

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum		
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
S.W. Afognak	25 20-Jun	1,639	10,901	6.7	5,908	30,090	5.1	5	27	5.4	1,537	4,750	3.1	1,533	12,623	8.2
& Raspberry Straits (Combined)	26 27-Jun	401	3,157	7.9	4,640	22,055	4.8	3	16	5.3	3,448	11,087	3.2	479	3,872	8.1
(251-10,11,20)	27 4-Jul	219	2,299	10.5	4,828	25,175	5.2	190	1,309	6.9	25,752	90,341	3.5	2,147	17,634	8.2
	28 11-Jul	399	4,017	10.1	28,421	157,418	5.5	754	6,346	8.4	106,043	369,360	3.5	2,102	22,009	10.5
	29 18-Jul	64	637	10.0	3,360	21,846	6.5	253	1,657	6.5	16,449	65,803	4.0	372	2,622	7.0
	30 25-Jul	72	1,503	20.9	5,106	28,488	5.6	505	4,160	8.2	46,230	147,640	3.2	582	6,036	10.4
	31 1-Aug	10	201	20.1	1,070	5,895	5.5	225	1,398	6.2	25,907	97,056	3.7	338	2,339	6.9
	32 8-Aug	20	404	20.2	541	2,808	5.2	867	5,814	6.7	66,264	246,131	3.7	751	5,627	7.5
	33 15-Aug	0	0	0.0	60	320	5.3	20	128	6.4	10,058	35,204	3.5	3	25	8.3
	34 22-Aug	3	87	29.0	49	296	6.0	222	1,824	8.2	4,683	15,456	3.3	25	174	7.0
	Total	2,827	23,206	8.2	54,074	294,929	5.5	3,197	24,214	7.6	306,681	1,084,068	3.5	8,354	73,143	8.8
N.W. Afognak (251-30,40,41,50)	23 6-Jun	3	57	19.0	5,227	23,563	4.5	0	0	0.0	0	0	0.0	0	0	0.0
	24 13-Jun	1	22	22.0	1,754	8,232	4.7	0	0	0.0	0	0	0.0	0	0	0.0
	25 20-Jun	9	78	8.7	610	2,651	4.3	0	0	0.0	0	0	0.0	4	18	4.5
	26 27-Jun	71	533	7.5	1,725	8,102	4.7	0	0	0.0	200	665	3.3	38	255	6.7
	28 11-Jul	13	137	10.5	3,923	18,284	4.7	1	3	3.0	5,426	16,777	3.1	37	296	8.0
	Total	97	827	8.5	13,239	60,832	4.6	1	3	3.0	5,626	17,442	3.1	79	569	7.2
Shuyak (251-60,70,81)	34 22-Aug	0	0	0.0	0	0	0.0	310	2,642	8.5	0	0	0.0	0	0	0.0
	Total	0	0	0.0	0	0	0.0	310	2,642	8.5	0	0	0.0	0	0	0.0
Perenosia (251-82,83,84,85)	23 6-Jun	28	475	17.0	13,756	64,339	4.7	0	0	0.0	0	0	0.0	2	10	5.0
	24 13-Jun	0	0	0.0	1,932	9,083	4.7	0	0	0.0	0	0	0.0	0	0	0.0
	25 20-Jun	0	0	0.0	1,874	7,975	4.3	0	0	0.0	0	0	0.0	0	0	0.0
	26 27-Jun	1	10	10.0	762	3,481	4.6	0	0	0.0	0	0	0.0	2	10	5.0
	33 15-Aug	0	0	0.0	9	40	4.4	700	7,106	10.2	300	1,100	3.7	0	0	0.0
	34 22-Aug	0	0	0.0	0	0	0.0	45	450	10.0	0	0	0.0	0	0	0.0
	Total	29	485	16.7	18,333	84,918	4.6	745	7,556	10.1	300	1,100	3.7	4	20	5.0
N.E. Afognak (251-90,252-10,20)	28 11-Jul	38	169	4.4	377	1,786	4.7	325	2,245	6.9	29,774	116,145	3.9	3,547	26,656	7.5
	31 1-Aug	0	0	0.0	49	295	6.0	56	432	7.7	35,067	110,768	3.2	60	480	8.0
	32 8-Aug	0	0	0.0	263	1,554	5.9	564	4,219	7.5	120,562	430,082	3.6	241	1,964	8.1
	33 15-Aug	0	0	0.0	136	724	5.3	429	3,763	8.8	39,986	138,507	3.5	29	217	7.5
	Total	38	169	4.4	825	4,359	5.3	1,374	10,659	7.8	225,389	795,502	3.5	3,877	29,317	7.6

-continued-

Appendix L1.-Page 2 of 7.

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum			
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	
Izhut (252-30)	25 20-Jun	13	102	7.8	69	320	4.6	0	0	0.0	15	45	3.0	3,075	23,336	7.6	
	26 27-Jun	27	155	5.7	345	1,607	4.7	5	33	6.6	2,058	4,713	2.3	12,657	91,848	7.3	
	27 4-Jul	3	8	2.7	598	3,356	5.6	124	819	6.6	5,000	17,663	3.5	11,885	85,199	7.2	
	28 11-Jul	3	42	14.0	1,626	9,320	5.7	818	5,119	6.3	17,154	54,597	3.2	8,049	60,523	7.5	
	29 18-Jul	0	0	0.0	237	1,543	6.5	110	719	6.5	6,947	27,790	4.0	79	558	7.1	
	30 25-Jul	3	64	21.3	7,294	41,251	5.7	3,676	24,912	6.8	532,194	1,789,857	3.4	3,199	23,719	7.4	
	31 1-Aug	0	0	0.0	236	1,411	6.0	217	1,556	7.2	88,135	286,067	3.2	261	1,890	7.2	
	33 15-Aug	8	52	6.5	579	3,630	6.3	2,985	24,465	8.2	927,696	3,100,407	3.3	209	1,514	7.2	
	34 22-Aug	0	0	0.0	731	4,578	6.3	7,640	57,992	7.6	1,146,516	3,963,732	3.5	80	571	7.1	
	35 29-Aug	0	0	0.0	230	1,122	4.9	29,788	238,425	8.0	607,149	2,210,286	3.6	58	265	4.6	
	36 5-Sep	0	0	0.0	140	732	5.2	14,367	100,774	7.0	44,939	166,058	3.7	7	38	5.4	
	37 12-Sep	0	0	0.0	40	205	5.1	15,030	96,528	6.4	1,607	5,716	3.6	2	6	3.0	
	38 19-Sep	0	0	0.0	0	0	0.0	478	2,775	5.8	0	0	0.0	0	0	0.0	
	39 26-Sep	0	0	0.0	0	0	0.0	297	1,935	6.5	0	0	0.0	0	0	0.0	
	Total		57	423	7.4	12,125	69,075	5.7	75,535	556,052	7.4	3,379,410	11,626,931	3.4	39,561	289,467	7.3
	Kitoi Bay (252-32)	24 13-Jun	0	0	0.0	114	623	5.5	0	0	0.0	65	171	2.6	1,311	8,499	6.5
		25 20-Jun	7	142	20.3	55	271	4.9	0	0	0.0	5	21	4.2	5,207	38,492	7.4
		26 27-Jun	1	6	6.0	375	2,005	5.3	9	60	6.7	1,019	3,270	3.2	18,473	129,191	7.0
		27 4-Jul	0	0	0.0	12	70	5.8	0	0	0.0	115	330	2.9	2,408	18,992	7.9
30 25-Jul		0	0	0.0	54	310	5.7	17	89	5.2	18,057	55,246	3.1	147	1,135	7.7	
31 1-Aug		0	0	0.0	0	0	0.0	0	0	0.0	309,026	1,106,060	3.6	0	0	0.0	
32 8-Aug		0	0	0.0	0	0	0.0	0	0	0.0	742,323	2,491,327	3.4	0	0	0.0	
33 15-Aug		0	0	0.0	0	0	0.0	0	0	0.0	1,134,260	3,893,617	3.4	0	0	0.0	
34 22-Aug		0	0	0.0	9	51	5.7	362	2,817	7.8	545,867	1,857,141	3.4	1	6	6.0	
35 29-Aug		0	0	0.0	19	75	3.9	1,475	11,559	7.8	52,122	178,058	3.4	1	6	6.0	
36 5-Sep		0	0	0.0	39	194	5.0	859	6,817	7.9	4,069	14,668	3.6	14	99	7.1	
37 12-Sep		0	0	0.0	0	0	0.0	742	6,416	8.6	0	0	0.0	0	0	0.0	
38 19-Sep		0	0	0.0	0	0	0.0	649	8,514	13.1	0	0	0.0	0	0	0.0	
39 26-Sep		0	0	0.0	0	0	0.0	334	2,424	7.3	0	0	0.0	0	0	0.0	
40 3-Oct		0	0	0.0	295	1,478	5.0	634	4,568	7.2	0	0	0.0	16	126	7.9	
Total			8	148	18.5	972	5,077	5.2	5,081	43,264	8.5	2,806,928	9,599,909	3.4	27,578	196,546	7.1
Duck Bay (252-31)		23 6-Jun	11	70	6.4	469	3,266	7.0	0	0	0.0	327	1,020	3.1	174	1,053	6.1
		24 13-Jun	1	13	13.0	103	550	5.3	0	0	0.0	24	63	2.6	30	212	7.1
		26 27-Jun	4	33	8.3	425	2,136	5.0	16	60	3.8	1,304	3,542	2.7	2,268	13,206	5.8
	27 4-Jul	6	57	9.5	1,042	5,741	5.5	524	2,811	5.4	8,704	32,204	3.7	6,862	44,408	6.5	
	28 11-Jul	2	13	6.5	5,932	36,261	6.1	1,264	8,889	7.0	41,635	141,214	3.4	2,754	23,116	8.4	
	29 18-Jul	6	50	8.3	5,452	29,763	5.5	1,137	7,487	6.6	73,788	261,543	3.5	1,519	11,211	7.4	
	30 25-Jul	13	265	20.4	6,713	37,478	5.6	2,986	18,441	6.2	519,500	1,719,191	3.3	3,350	24,157	7.2	
	31 1-Aug	11	215	19.5	3,481	18,945	5.4	2,593	17,139	6.6	1,226,648	4,192,283	3.4	3,508	25,840	7.4	
	32 8-Aug	37	858	23.2	3,013	16,296	5.4	2,916	20,786	7.1	1,916,509	6,495,324	3.4	1,969	14,693	7.5	
	33 15-Aug	4	83	20.8	2,043	10,755	5.3	8,167	58,816	7.2	1,816,994	6,327,576	3.5	744	5,415	7.3	
	34 22-Aug	4	72	18.0	1,119	5,661	5.1	12,379	83,178	6.7	1,201,978	4,327,772	3.6	581	3,935	6.8	
	35 29-Aug	7	146	20.9	864	4,223	4.9	17,087	112,551	6.6	439,215	1,654,258	3.8	218	1,464	6.7	
	36 5-Sep	2	31	15.5	198	1,131	5.7	20,624	134,070	6.5	60,042	217,611	3.6	52	436	8.4	
	37 12-Sep	0	0	0.0	9	53	5.9	999	7,113	7.1	0	0	0.0	1	10	10.0	
	Total		108	1,906	17.6	30,863	172,259	5.6	70,692	471,341	6.7	7,306,668	25,373,601	3.5	24,030	169,156	7.0

-continued-

Appendix L1.-Page 3 of 7.

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum		
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
S.E. Afognak (252-33,34,35)	24 13-Jun	2	16	8.0	82	539	6.6	0	0	0.0	121	483	4.0	68	537	7.9
	29 18-Jul	1	21	21.0	1,281	7,249	5.7	245	1,620	6.6	17,856	57,557	3.2	556	4,204	7.6
	30 25-Jul	0	0	0.0	110	719	6.5	89	590	6.6	16,436	65,747	4.0	91	642	7.1
	31 1-Aug	0	0	0.0	99	546	5.5	62	439	7.1	32,651	106,329	3.3	153	1,205	7.9
	32 8-Aug	0	0	0.0	28	204	7.3	52	431	8.3	36,173	123,785	3.4	48	427	8.9
	33 15-Aug	0	0	0.0	14	68	4.9	43	281	6.5	5,525	18,232	3.3	13	92	7.1
	34 22-Aug	0	0	0.0	2	9	4.5	40	319	8.0	21,817	84,430	3.9	2	13	6.5
Total		3	37	12.3	1,616	9,334	5.8	531	3,680	6.9	130,579	456,563	3.5	931	7,120	7.6
Central, Terror Bay, Inner Uganik, Spiridon, Zachar, & Uyak Comb. (253-11,12,13,14,31 32,33,35,254-10,20, 30,40,50)	23 6-Jun	904	8,219	9.1	150,282	781,567	5.2	2	15	7.5	59	168	2.8	1,549	11,404	7.4
	24 13-Jun	1,082	7,962	7.4	66,728	345,302	5.2	2	13	6.5	124	541	4.4	2,018	14,403	7.1
	25 20-Jun	766	6,418	8.4	57,403	292,481	5.1	11	78	7.1	6,670	23,310	3.5	6,472	46,962	7.3
	26 27-Jun	794	7,571	9.5	43,477	231,342	5.3	34	220	6.5	18,139	61,753	3.4	5,586	40,930	7.3
	27 4-Jul	602	6,952	11.5	48,730	253,723	5.2	246	1,835	7.5	79,604	272,896	3.4	14,389	118,141	8.2
	28 11-Jul	379	4,743	12.5	76,165	406,258	5.3	838	5,923	7.1	330,346	1,161,058	3.5	15,223	121,328	8.0
	29 18-Jul	332	4,968	15.0	127,675	703,529	5.5	2,981	21,718	7.3	389,521	1,409,613	3.6	34,165	288,417	8.4
	30 25-Jul	1,118	15,925	14.2	109,539	618,131	5.6	8,713	63,236	7.3	692,752	2,438,653	3.5	42,411	356,536	8.4
	31 1-Aug	176	2,831	16.1	55,998	316,172	5.6	4,345	32,041	7.4	242,274	929,864	3.8	24,546	206,689	8.4
	32 8-Aug	698	11,251	16.1	82,971	458,765	5.5	11,185	81,285	7.3	1,117,885	3,916,231	3.5	24,966	195,533	7.8
	33 15-Aug	157	2,813	17.9	86,906	481,707	5.5	10,255	76,723	7.5	1,170,959	4,071,116	3.5	9,187	72,658	7.9
	34 22-Aug	179	2,797	15.6	76,110	422,647	5.6	23,587	183,747	7.8	561,334	1,930,655	3.4	7,577	58,897	7.8
	35 29-Aug	27	457	16.9	76,666	425,951	5.6	29,782	236,148	7.9	136,847	482,203	3.5	3,625	27,172	7.5
	36 5-Sep	26	351	13.5	46,212	256,997	5.6	24,247	200,385	8.3	17,388	64,153	3.7	1,193	8,732	7.3
	37 12-Sep	17	199	11.7	57,587	321,998	5.6	18,862	157,740	8.4	1,748	6,315	3.6	451	3,121	6.9
	38 19-Sep	16	162	10.1	27,827	155,172	5.6	10,574	84,170	8.0	49	168	3.4	257	1,949	7.6
39 26-Sep	1	17	17.0	1,041	6,542	6.3	654	6,550	10.0	0	0	0.0	1	6	6.0	
Total		7,274	83,636	11.5	1,191,317	6,478,284	5.4	146,318	1,151,827	7.9	4,765,699	16,768,697	3.5	193,616	1,572,878	8.1
North Cape, Anton Larsen, Sheratin, & Kizhuyak Combined (259-35,36,37,38,39)	23 6-Jun	46	781	17.0	5,888	29,649	5.0	0	0	0.0	10	39	3.9	8	61	7.6
	24 13-Jun	38	468	12.3	6,720	35,606	5.3	0	0	0.0	2,332	8,674	3.7	1,601	9,998	6.2
	25 20-Jun	46	521	11.3	4,012	20,435	5.1	6	39	6.5	560	2,121	3.8	217	1,452	6.7
	26 27-Jun	23	290	12.6	3,331	16,970	5.1	41	257	6.3	3,359	13,229	3.9	481	3,159	6.6
	27 4-Jul	91	1,046	11.5	5,282	28,548	5.4	2,243	13,084	5.8	47,012	174,778	3.7	6,608	48,669	7.4
	28 11-Jul	20	132	6.6	5,846	31,862	5.5	2,319	13,534	5.8	57,700	218,634	3.8	3,702	26,218	7.1
	29 18-Jul	50	680	13.6	14,716	83,486	5.7	2,409	16,787	7.0	218,914	757,018	3.5	10,613	80,246	7.6
	30 25-Jul	52	536	10.3	3,534	19,517	5.5	2,138	12,490	5.8	113,239	398,796	3.5	6,322	45,456	7.2
	31 1-Aug	9	135	15.0	1,338	7,480	5.6	1,216	7,384	6.1	76,198	264,754	3.5	4,121	28,075	6.8
	32 8-Aug	1	23	23.0	1,989	11,202	5.6	478	2,777	5.8	31,988	110,143	3.4	1,146	8,784	7.7
	33 15-Aug	0	0	0.0	2	8	4.0	0	0	0.0	2,944	9,710	3.3	6	55	9.2
	34 22-Aug	5	47	9.4	262	1,291	4.9	607	4,204	6.9	23,082	81,994	3.6	1,008	9,272	9.2
	35 29-Aug	0	0	0.0	86	446	5.2	400	3,203	8.0	2,826	9,323	3.3	5	45	9.0
36 5-Sep	0	0	0.0	12	60	5.0	124	785	6.3	0	0	0.0	0	0	0.0	
Total		381	4,659	12.2	53,018	286,560	5.4	11,981	74,544	6.2	580,164	2,049,213	3.5	35,838	261,490	7.3

-continued-

Appendix L1.-Page 4 of 7.

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum			
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	
Outer Karluk (255-20)	23 6-Jun	32	468	14.6	34,534	169,314	4.9	0	0	0.0	7	26	3.7	467	3,426	7.3	
	24 13-Jun	17	190	11.2	21,094	98,333	4.7	0	0	0.0	76	221	2.9	188	1,426	7.6	
	25 20-Jun	83	807	9.7	14,325	67,647	4.7	0	0	0.0	3,117	9,209	3.0	645	5,329	8.3	
	26 27-Jun	67	607	9.1	6,424	32,693	5.1	4	30	7.5	8,265	25,459	3.1	862	6,685	7.8	
	27 4-Jul	26	276	10.6	4,766	22,194	4.7	8	66	8.3	4,874	15,784	3.2	580	4,702	8.1	
	28 11-Jul	10	99	9.9	3,436	16,570	4.8	0	0	0.0	5,517	17,539	3.2	218	1,740	8.0	
	29 18-Jul	0	0	0.0	2,511	15,637	6.2	98	839	8.6	18,087	61,499	3.4	852	7,666	9.0	
	32 8-Aug	16	280	17.5	2,140	11,768	5.5	186	1,200	6.5	10,172	37,803	3.7	66	549	8.3	
	33 15-Aug	9	156	17.3	11,746	61,966	5.3	1,369	8,941	6.5	88,606	313,015	3.5	816	4,156	5.1	
	34 22-Aug	30	454	15.1	17,211	95,776	5.6	1,642	14,726	9.0	91,661	313,536	3.4	338	3,174	9.4	
	35 29-Aug	1	47	47.0	5,709	29,616	5.2	1,100	11,701	10.6	10,700	39,432	3.7	148	1,315	8.9	
	36 5-Sep	2	24	12.0	12,944	67,425	5.2	3,830	40,311	10.5	2,671	9,638	3.6	1,204	12,184	10.1	
	37 12-Sep	0	0	0.0	5,150	29,003	5.6	2,345	18,242	7.8	0	0	0.0	113	751	6.6	
	38 19-Sep	0	0	0.0	5,967	29,954	5.0	1,663	10,009	6.0	0	0	0.0	32	192	6.0	
	40 3-Oct	0	0	0.0	74	369	5.0	158	1,142	7.2	0	0	0.0	4	32	8.0	
	Total		293	3,408	11.6	148,031	748,265	5.1	12,403	107,207	8.6	243,753	843,161	3.5	6,533	53,327	8.2
Inner Karluk (255-10)	26 27-Jun	86	874	10.2	3,029	15,587	5.1	1	7	7.0	2,052	6,531	3.2	200	1,628	8.1	
	27 4-Jul	4	55	13.8	700	3,223	4.6	1	10	10.0	430	1,414	3.3	45	376	8.4	
	28 11-Jul	14	153	10.9	2,579	12,167	4.7	0	0	0.0	3,153	9,729	3.1	148	1,173	7.9	
	29 18-Jul	2	22	11.0	637	4,142	6.5	5	44	8.8	919	3,677	4.0	31	301	9.7	
	32 8-Aug	0	0	0.0	474	2,561	5.4	16	125	7.8	2,643	8,722	3.3	0	0	0.0	
Total		106	1,104	10.4	7,419	37,680	5.1	23	186	8.1	9,197	30,073	3.3	424	3,478	8.2	
Halibut Bay (256-25,30)	34 22-Aug	45	934	20.8	9,206	50,114	5.4	3,036	24,685	8.1	127,282	388,599	3.1	161	1,274	7.9	
	35 29-Aug	50	976	19.5	33,272	190,295	5.7	3,288	30,014	9.1	149,308	430,843	2.9	235	2,059	8.8	
	36 5-Sep	57	830	14.6	15,861	77,202	4.9	2,448	26,341	10.8	24,953	81,448	3.3	73	710	9.7	
	37 12-Sep	0	0	0.0	50	247	4.9	54	459	8.5	0	0	0.0	3	23	7.7	
Total		152	2,740	18.0	58,389	317,858	5.4	8,826	81,499	9.2	301,543	900,890	3.0	472	4,066	8.6	
Inner & Outer Ayakulik (256-10,15,20)	35 29-Aug	1	14	14.0	961	4,520	4.7	128	1,155	9.0	4,822	14,467	3.0	11	95	8.6	
	36 5-Sep	1	12	12.0	399	2,031	5.1	282	1,840	6.5	282	868	3.1	11	85	7.7	
	Total	2	26	13.0	1,360	6,551	4.8	410	2,995	7.3	5,104	15,335	3.0	22	180	8.2	
Cape Alitak (257-10&20)	23 6-Jun	16	317	19.8	4,315	21,327	4.9	0	0	0.0	7	25	3.6	2	20	10.0	
	24 13-Jun	82	1,433	17.5	19,048	95,063	5.0	0	0	0.0	221	667	3.0	81	795	9.8	
	25 20-Jun	70	1,214	17.3	21,865	107,447	4.9	0	0	0.0	2,165	6,577	3.0	454	3,791	8.4	
	26 27-Jun	123	2,141	17.4	48,546	231,261	4.8	1	18	18.0	10,763	31,697	2.9	2,042	16,513	8.1	
	27 4-Jul	40	694	17.4	16,451	80,022	4.9	129	830	6.4	13,770	41,593	3.0	747	6,134	8.2	
	28 11-Jul	19	369	19.4	5,961	36,629	6.1	344	2,930	8.5	17,343	53,867	3.1	598	5,023	8.4	
	29 18-Jul	26	659	25.3	48,788	257,514	5.3	203	1,392	6.9	331,936	1,044,276	3.1	1,156	7,966	6.9	
	30 25-Jul	16	297	18.6	19,213	102,138	5.3	55	427	7.8	272,437	863,640	3.2	1,167	9,410	8.1	
	31 1-Aug	27	688	25.5	15,715	91,608	5.8	35	220	6.3	267,134	940,358	3.5	685	5,148	7.5	
	32 8-Aug	6	106	17.7	2,349	12,876	5.5	32	246	7.7	62,856	226,065	3.6	166	1,328	8.0	
	33 15-Aug	10	270	27.0	3,964	21,210	5.4	334	2,804	8.4	146,009	486,386	3.3	363	3,240	8.9	
	36 5-Sep	1	26	26.0	1,014	5,580	5.5	380	3,428	9.0	181	564	3.1	54	388	7.2	
	Total		436	8,214	18.8	207,229	1,062,675	5.1	1,513	12,295	8.1	1,124,822	3,695,715	3.3	7,515	59,756	8.0

-continued-

Appendix L1.-Page 5 of 7.

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum			
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	
Moser/Olga Bay & Dog Salmon Flats (257-30,31,40,41,42,43)	23 6-Jun	6	130	21.7	17,294	88,625	5.1	0	0	0.0	0	0	0.0	2	13	6.5	
	24 13-Jun	6	116	19.3	26,548	141,141	5.3	0	0	0.0	13	46	3.5	17	132	7.8	
	25 20-Jun	8	121	15.1	30,279	165,327	5.5	0	0	0.0	38	158	4.2	128	1,102	8.6	
	26 27-Jun	16	217	13.6	58,780	308,929	5.3	8	51	6.4	620	2,715	4.4	1,270	10,584	8.3	
	27 4-Jul	7	84	12.0	41,712	223,982	5.4	93	666	7.2	2,143	8,142	3.8	1,286	10,585	8.2	
	28 11-Jul	0	0	0.0	42,005	224,437	5.3	76	523	6.9	6,073	23,280	3.8	961	7,914	8.2	
	29 18-Jul	2	30	15.0	57,051	308,803	5.4	121	748	6.2	23,591	92,527	3.9	2,004	16,651	8.3	
	30 25-Jul	1	19	19.0	58,626	311,764	5.3	154	1,026	6.7	38,933	148,087	3.8	1,391	10,087	7.3	
	31 1-Aug	2	35	17.5	27,975	148,814	5.3	103	697	6.8	26,726	99,700	3.7	421	3,515	8.3	
	32 8-Aug	0	0	0.0	20,832	110,872	5.3	75	505	6.7	35,677	130,210	3.6	450	3,891	8.6	
	33 15-Aug	2	19	9.5	25,467	135,795	5.3	201	1,454	7.2	30,170	112,030	3.7	569	4,809	8.5	
	34 22-Aug	1	7	7.0	10,402	56,714	5.5	348	2,571	7.4	11,231	42,579	3.8	248	2,125	8.6	
	36 5-Sep	1	41	41.0	12,664	70,663	5.6	1,143	9,909	8.7	293	958	3.3	133	986	7.4	
	37 12-Sep	0	0	0.0	32,904	181,784	5.5	1,641	15,137	9.2	45	168	3.7	322	2,585	8.0	
	38 19-Sep	0	0	0.0	7,890	42,556	5.4	270	2,403	8.9	1	4	4.0	39	283	7.3	
	Total		52	819	15.8	470,429	2,520,206	5.4	4,233	35,690	8.4	175,554	660,604	3.8	9,241	75,262	8.1
	Humpy/Deadman (257-50,60,70)	23 6-Jun	10	173	17.3	1,301	6,725	5.2	0	0	0.0	0	0	0.0	2	25	12.5
		25 20-Jun	8	195	24.4	8,432	41,253	4.9	0	0	0.0	208	664	3.2	209	1,686	8.1
26 27-Jun		10	185	18.5	2,522	12,455	4.9	1	5	5.0	535	1,631	3.0	96	851	8.9	
27 4-Jul		31	614	19.8	18,372	88,453	4.8	109	725	6.7	16,004	48,008	3.0	474	3,802	8.0	
28 11-Jul		33	619	18.8	15,593	85,489	5.5	176	1,340	7.6	101,690	349,045	3.4	380	3,005	7.9	
29 18-Jul		4	97	24.3	20,226	103,637	5.1	61	416	6.8	227,926	729,894	3.2	342	2,890	8.5	
30 25-Jul		8	127	15.9	17,435	90,296	5.2	88	614	7.0	634,909	2,131,779	3.4	813	6,694	8.2	
31 1-Aug		5	94	18.8	2,378	13,325	5.6	13	82	6.3	491,217	1,641,787	3.3	665	4,631	7.0	
32 8-Aug		4	90	22.5	3,490	18,838	5.4	41	337	8.2	576,138	1,958,459	3.4	658	4,993	7.6	
33 15-Aug		0	0	0.0	4,468	22,998	5.1	133	1,094	8.2	495,360	1,549,304	3.1	996	8,214	8.2	
34 22-Aug		1	12	12.0	2,371	11,867	5.0	265	2,283	8.6	288,281	864,877	3.0	1,239	9,958	8.0	
35 29-Aug		0	0	0.0	3,659	17,306	4.7	344	2,897	8.4	60,378	181,130	3.0	209	1,723	8.2	
Total			114	2,206	19.4	100,247	512,642	5.1	1,231	9,793	8.0	2,892,646	9,456,578	3.3	6,083	48,472	8.0
Seven Rivers (258-70,80,83,85,90)		25 20-Jun	9	129	14.3	775	4,647	6.0	0	0	0.0	958	3,064	3.2	73	582	8.0
		26 27-Jun	13	192	14.8	1,394	6,551	4.7	28	216	7.7	3,286	9,861	3.0	556	3,997	7.2
	29 18-Jul	0	0	0.0	913	4,567	5.0	505	3,031	6.0	3,276	9,828	3.0	311	2,488	8.0	
	30 25-Jul	0	0	0.0	109	701	6.4	0	0	0.0	2,590	37,772	14.6	21	155	7.4	
	31 1-Aug	0	0	0.0	96	501	5.2	0	0	0.0	77,562	263,497	3.4	162	1,306	8.1	
	33 15-Aug	0	0	0.0	20	113	5.7	5	36	7.2	49,114	134,838	2.7	52	371	7.1	
Total		22	321	14.6	3,307	17,080	5.2	538	3,283	6.1	136,786	458,860	3.4	1,175	8,899	7.6	
Two-Headed (258-54,55,60)	25 20-Jun	4	89	22.3	357	1,855	5.2	0	0	0.0	81	248	3.1	9	62	6.9	
	26 27-Jun	9	64	7.1	779	4,087	5.2	4	32	8.0	773	2,593	3.4	395	2,920	7.4	
	28 11-Jul	14	414	29.6	12,865	61,310	4.8	3,371	20,174	6.0	61,879	185,594	3.0	1,856	14,959	8.1	
	29 18-Jul	7	130	18.6	12,220	68,955	5.6	1,410	9,462	6.7	287,274	904,224	3.1	1,690	13,060	7.7	
	30 25-Jul	15	314	20.9	2,577	15,350	6.0	416	2,628	6.3	302,642	1,042,890	3.4	1,463	10,756	7.4	
	31 1-Aug	28	584	20.9	845	5,043	6.0	371	2,357	6.4	468,067	1,472,913	3.1	2,589	19,319	7.5	
	32 8-Aug	8	109	13.6	474	2,900	6.1	267	2,257	8.5	346,507	1,105,973	3.2	2,165	17,077	7.9	
	33 15-Aug	2	47	23.5	1,784	8,561	4.8	890	7,039	7.9	181,888	561,702	3.1	2,040	15,395	7.5	
Total		87	1,751	20.1	31,901	168,061	5.3	6,729	43,949	6.5	1,649,111	5,276,137	3.2	12,207	93,548	7.7	

-continued-

Appendix L1.-Page 6 of 7.

Section (Stat Area)	Stat Week/ Week End	Chinook			Sockeye			Coho			Pink			Chum			
		No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	
Sitkalidak (258-10,20,30,40,51, 52,53)	26 27-Jun	31	365	11.8	2,272	12,308	5.4	0	0	0.0	4,625	17,541	3.8	1,967	16,837	8.6	
	28 11-Jul	28	442	15.8	27,939	148,956	5.3	5,040	42,703	8.5	134,381	432,984	3.2	4,469	34,349	7.7	
	29 18-Jul	30	595	19.8	27,459	161,129	5.9	3,132	22,348	7.1	233,751	779,893	3.3	3,745	30,061	8.0	
	30 25-Jul	4	85	21.3	2,027	12,284	6.1	293	2,209	7.5	308,903	1,104,004	3.6	1,383	11,312	8.2	
	31 1-Aug	7	169	24.1	1,471	8,438	5.7	387	2,740	7.1	856,509	2,780,331	3.2	4,634	36,478	7.9	
	32 8-Aug	2	40	20.0	754	4,079	5.4	271	2,056	7.6	798,692	2,699,757	3.4	4,611	38,478	8.3	
	33 15-Aug	0	0	0.0	644	3,813	5.9	453	3,849	8.5	650,547	2,007,317	3.1	3,652	27,762	7.6	
	34 22-Aug	0	0	0.0	88	454	5.2	382	2,529	6.6	66,230	251,689	3.8	878	7,607	8.7	
	35 29-Aug	0	0	0.0	540	2,981	5.5	3,738	26,970	7.2	267,282	980,380	3.7	2,990	27,057	9.0	
	36 5-Sep	0	0	0.0	533	2,548	4.8	4,903	40,106	8.2	174,558	629,536	3.6	6,713	47,526	7.1	
	37 12-Sep	0	0	0.0	92	416	4.5	3,388	27,723	8.2	6,872	24,032	3.5	1,217	8,131	6.7	
	Total		102	1,696	16.6	63,819	357,406	5.6	21,987	173,233	7.9	3,502,350	11,707,464	3.3	36,259	285,598	7.9
	Inner & Outer Ugak (259-40,41,42)	26 27-Jun	70	656	9.4	4,716	26,485	5.6	177	1,207	6.8	6,443	19,315	3.0	2,365	16,924	7.2
		27 4-Jul	135	982	7.3	7,814	48,815	6.2	2,687	18,769	7.0	24,728	98,232	4.0	1,256	9,495	7.6
28 11-Jul		65	643	9.9	7,664	37,131	4.8	1,072	7,770	7.2	28,734	111,048	3.9	939	6,170	6.6	
29 18-Jul		27	334	12.4	5,258	32,329	6.1	446	3,093	6.9	15,146	60,908	4.0	264	1,905	7.2	
30 25-Jul		0	0	0.0	140	800	5.7	12	67	5.6	680	2,730	4.0	7	71	10.1	
34 22-Aug		0	0	0.0	4	20	5.0	4	29	7.3	493	2,139	4.3	4,963	32,266	6.5	
35 29-Aug		0	0	0.0	0	0	0.0	0	0	0.0	73	266	3.6	250	1,631	6.5	
36 5-Sep		0	0	0.0	0	0	0.0	0	0	0.0	2,764	9,947	3.6	2,144	14,644	6.8	
38 19-Sep		0	0	0.0	0	0	0.0	2,019	14,540	7.2	8	29	3.6	68	458	6.7	
Total			297	2,615	8.8	25,596	145,580	5.7	6,417	45,475	7.1	79,069	304,614	3.9	12,256	83,564	6.8
Outer Chiniak (259-21,25)	28 11-Jul	5	16	3.2	190	907	4.8	195	1,260	6.5	7,254	26,227	3.6	1,117	7,738	6.9	
	29 18-Jul	0	0	0.0	66	312	4.7	8	46	5.8	4,411	15,880	3.6	26	181	7.0	
	30 25-Jul	0	0	0.0	0	0	0.0	0	0	0.0	8,000	24,220	3.0	0	0	0.0	
	37 12-Sep	0	0	0.0	0	0	0.0	1,301	10,408	8.0	0	0	0.0	0	0	0.0	
	38 19-Sep	0	0	0.0	0	0	0.0	2,703	21,983	8.1	0	0	0.0	0	0	0.0	
	39 26-Sep	0	0	0.0	0	0	0.0	106	848	8.0	0	0	0.0	0	0	0.0	
Total		5	16	3.2	256	1,219	4.8	4,313	34,545	8.0	19,665	66,327	3.4	1,143	7,919	6.9	
Inner Chiniak (259-23,24)	31 1-Aug	0	0	0.0	1	3	3.0	0	0	0.0	1,173	4,692	4.0	9	83	9.2	
	32 8-Aug	0	0	0.0	0	0	0.0	0	0	0.0	3,352	12,974	3.9	240	1,900	7.9	
	Total		0	0	0.0	1	3	3.0	0	0	0.0	4,525	17,666	3.9	249	1,983	8.0
Monaska/Mill Bay (259-10)	28 11-Jul	0	0	0.0	8	37	4.6	0	0	0.0	408	1,307	3.2	60	481	8.0	
	30 25-Jul	0	0	0.0	5	24	4.8	1	7	7.0	2,208	8,827	4.0	2	14	7.0	
	31 1-Aug	3	32	10.7	10	47	4.7	27	194	7.2	3,303	14,108	4.3	5	39	7.8	
	34 22-Aug	0	0	0.0	0	0	0.0	2	13	6.5	6,883	22,719	3.3	0	0	0.0	
	35 29-Aug	0	0	0.0	1	5	5.0	21	159	7.6	1,251	5,641	4.5	0	0	0.0	
	37 12-Sep	0	0	0.0	1	7	7.0	628	4,731	7.5	0	0	0.0	0	0	0.0	
Total		3	32	10.7	25	120	4.8	679	5,104	7.5	14,053	52,602	3.7	67	534	8.0	
Big River (262-10,15)	31 1-Aug	1	19	19.0	4,377	25,819	5.9	655	4,722	7.2	3,488	12,182	3.5	552	4,499	8.2	
	Total		1	19	19.0	4,377	25,819	5.9	655	4,722	7.2	3,488	12,182	3.5	552	4,499	8.2

-continued-

Appendix L1.-Page 7 of 7.

Section (Stat Area)	Stat Week/ Week End		Chinook			Sockeye			Coho			Pink			Chum		
			No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.	No.	lbs.	avg.
Halo Bay (262-20)	31	1-Aug	0	0	0.0	1,948	12,661	6.5	165	1,323	8.0	992	2,977	3.0	156	1,246	8.0
	Total		0	0	0.0	1,948	12,661	6.5	165	1,323	8.0	992	2,977	3.0	156	1,246	8.0
Outer Kukak (262-25,30)	29	18-Jul	8	277	34.6	10,922	57,674	5.3	80	705	8.8	1,368	4,410	3.2	1,028	8,430	8.2
	30	25-Jul	2	37	18.5	656	3,938	6.0	12	72	6.0	868	2,605	3.0	43	300	7.0
	34	22-Aug	0	0	0.0	24	148	6.2	36	268	7.4	2,132	5,329	2.5	1,609	12,748	7.9
	Total		10	314	31.4	11,602	61,760	5.3	128	1,045	8.2	4,368	12,344	2.8	2,680	21,478	8.0
Dakavak (262-35,40,45,50,55)	28	11-Jul	53	909	17.2	7,994	52,176	6.5	26	164	6.3	2,450	8,222	3.4	688	6,083	8.8
	29	18-Jul	38	595	15.7	48,804	284,928	5.8	1,291	9,683	7.5	14,818	49,781	3.4	4,923	39,351	8.0
	30	25-Jul	51	1,156	22.7	23,638	136,957	5.8	976	6,748	6.9	16,043	52,580	3.3	1,686	15,183	9.0
	31	1-Aug	126	2,629	20.9	125,849	758,542	6.0	7,418	54,617	7.4	81,607	282,877	3.5	11,841	96,968	8.2
	Total		268	5,289	19.7	206,285	1,232,603	6.0	9,711	71,212	7.3	114,918	393,460	3.4	19,138	157,585	8.2
Katmai (262-60)	28	11-Jul	71	1,375	19.4	4,938	31,004	6.3	10	80	8.0	3,276	10,694	3.3	521	4,749	9.1
	29	18-Jul	9	250	27.8	5,339	31,637	5.9	20	191	9.6	1,771	6,263	3.5	625	6,315	10.1
	30	25-Jul	48	417	8.7	10,433	65,638	6.3	175	1,460	8.3	1,619	6,005	3.7	544	4,972	9.1
	Total		128	2,042	16.0	20,710	128,279	6.2	205	1,731	8.4	6,666	22,962	3.4	1,690	16,036	9.5
Alinchak (262-65,70)	29	18-Jul	2	57	28.5	2,998	16,429	5.5	46	308	6.7	1,133	4,352	3.8	340	2,826	8.3
	31	1-Aug	0	0	0.0	22	122	5.5	1	10	10.0	57	226	4.0	1,664	16,981	10.2
	Total		2	57	28.5	3,020	16,551	5.5	47	318	6.8	1,190	4,578	3.8	2,004	19,807	9.9
Cape Igvak (262-75,80,90,95)	24	13-Jun	394	5,461	13.9	97,426	605,269	6.2	1	4	4.0	50,149	167,767	3.3	5,140	40,406	7.9
	25	20-Jun	730	9,629	13.2	90,346	541,197	6.0	4	29	7.3	97,749	308,209	3.2	4,839	38,061	7.9
	26	27-Jun	385	5,081	13.2	117,037	723,238	6.2	47	300	6.4	194,292	608,728	3.1	13,703	106,926	7.8
	Total		1,509	20,171	13.4	304,809	1,869,704	6.1	52	333	6.4	342,190	1,084,704	3.2	23,682	185,393	7.8
<b>Grand Total</b>			<b>14,411</b>	<b>168,336</b>	<b>11.7</b>	<b>3,047,142</b>	<b>16,708,350</b>	<b>5.5</b>	<b>396,030</b>	<b>2,981,720</b>	<b>7.5</b>	<b>30,139,434</b>	<b>102,792,259</b>	<b>3.4</b>	<b>477,416</b>	<b>3,732,336</b>	<b>7.8</b>

## **APPENDIX M. ESCAPEMENT DATA**

**Appendix M1.**-Peak salmon escapements of index streams for the Kodiak Management Area, by district and species, 2005.

District	Number of Salmon				
	Chinook	Sockeye	Coho	Pink	Chum
Afognak	2	25,657	47,346	453,553	0
Northwest Kodiak	0	10,580	0	552,350	49,650
Southwest Kodiak	13,138	1,033,868	28,556	300,378	2,561
Alitak Bay	335	385,274	4,987	613,906	60,388
Eastside Kodiak	0	57,400	6,420	1,225,900	86,400
Northeast Kodiak	13	15,602	20,455	542,071	7,756
Mainland	0	1,500	0	268,050	37,500
<b>Total</b>	<b>13,488</b>	<b>1,529,881</b>	<b>107,764</b>	<b>3,956,208</b>	<b>244,255</b>

**Appendix M2.-**Peak salmon escapements of index streams of the Afognak District, by stream and species, in the Kodiak Management Area, 2005.

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
251-101	0	0	700	3,000	0	9/1	Wadle
251-105	0	1,000	0	0	0	8/8	Wadle
	0	0	500	6,500	0	9/1	Wadle
251-301	0	0	4,500	52,000	0	9/8	Wadle
251-302	0	0	0	17,000	0	8/8	Wadle
	0	0	500	26,200	0	9/8	Wadle
	0	1,700	0	0	0	7/27	Brennan
251-403	0	0	0	1,300	0	7/27	Brennan
251-404	0	0	0	17,500	0	8/8	Wadle
251-501	0	0	300	1,000	0	9/8	Wadle
251-502	0	0	300	2,200	0	9/8	Wadle
251-509	0	0	0	3,000	0	9/1	Wadle
251-510	0	0	0	10,000	0	9/8	Wadle
251-601	0	0	50	8,000	0	9/8	Wadle
	0	0	1,560	27,000	0	8/31	Wadle
251-701	0	0	0	300	0	9/8	Wadle
251-702	0	0	5,600	15,000	0	9/8	Wadle
251-703	0	0	0	6,000	0	9/8	Wadle
251-705	0	0	1,050	20,000	0	9/8	Wadle
251-706	0	0	1,500	0	0	9/8	Wadle
251-821	0	0	0	13,900	0	7/28	Brennan
251-825	0	700	0	1,800	0	7/28	Brennan
251-831		0	6,000	27,500		9/1	Wadle
	0	700	0	0	0	7/6	Spalinger
252-302	0	0	0	7,000	0	7/28	Brennan
252-306	0	0	0	11,000	0	7/28	Brennan
252-309	0	0	0	1,000	0	7/28	Brennan
252-332	0	0	1,200	23,000	0	9/8	Wadle
	0	0	0	21,500	0	7/27	Brennan
252-342	0	0	14,000	30,000	0	9/8	Wadle
	0	0	0	13,000	0	7/28	Brennan
	2	21,557	7,736	41,653	0		Weir Count
252-343	0	0	1,850	43,000	0	9/8	Wadle
	0	0	0	3,200	0	7/27	Brennan
<b>Total</b>	<b>2</b>	<b>25,657</b>	<b>47,346</b>	<b>453,553</b>	<b>0</b>		

**Appendix M3.-Peak salmon escapements for index streams of the Northwest Kodiak District, by stream and species, in the Kodiak Management Area, 2005.**

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
253-115	0	3,000	0	26,400	0	8/8	Wadle
	0	0	0	13,000	0	7/5	Spalinger
253-121	0	0	0	6,200	0	7/20	Brennan
253-122	0	0	0	72,600	0	8/8	Wadle
	0	0	0	6,000	0	7/5	Spalinger
	0	7,500	0	0	0	7/18	Brennan
	0	0	0	0	7,600	8/8	Brennan
253-321	0	0	0	4,500	0	8/9	Brennan
	0	0	0	51,000	0	8/8	Brennan
	0	0	0	0	3,000	7/18	Brennan
253-332	0	0	0	43,700	0	8/8	Brennan
253-333	0	0	0	900	0	8/8	Brennan
254-201	0	0	0	8,000	0	7/20	Brennan
254-202	0	0	0	3,500	0	9/7	Spalinger
	0	0	0	142,000	15,000	7/20	Brennan
254-203	0	0	0	27,000	0	7/20	Brennan
	0	0	0	400	500	8/8	Brennan
254-204	0	0	0	9,500	0	8/8	Brennan
254-301	0	0	0	40,300	5,600	8/8	Wadle
254-401	0	50	0	50	15,500	8/26	Baer
	0	0	0	5,000	0	8/8	Brennan
259-363	0	30	0	0	0	7/18	Brennan
259-365	0	0	0	25,200	1,500	7/28	Brennan
259-371	0	0	0	15,600	400	7/18	Brennan
259-391	0	0	0	40,500	0	8/10	Gretsch
259-392	0	0	0	4,000	250	8/10	Gretsch
259-394	0	0	0	7,000	300	8/10	Gretsch
<b>Total</b>	<b>0</b>	<b>10,580</b>	<b>0</b>	<b>552,350</b>	<b>49,650</b>		

**Appendix M4.-**Peak salmon escapements of index streams of the Southwest Kodiak District, by stream and species, in the Kodiak Management Area, 2005.

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
255-101	4,798	781,962	11,972	234,281	28		Weir Count
256-201	8,340	251,906	16,584	41,597	33		Weir Count
256-401	0	0	0	0	2,000	6/13	Wadle
	0	0	0	22,000	0	8/8	Wadle
	0	0	0	2,500	500	7/5	Spalinger
<b>Total</b>	<b>13,138</b>	<b>1,033,868</b>	<b>28,556</b>	<b>300,378</b>	<b>2,561</b>		

**Appendix M5.-**Peak salmon escapements of index streams of the Alitak District, by stream and species, in the Kodiak Management Area, 2005.

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
257-101	0	65	0	0	4,900	8/8	Brennan
257-302	0	6,500	0	2,000	0	8/31	Brennan
	0	6,500	0	0	0	8/8	Brennan
257-304	335	152,959	36	30,314	3,185		Weir Count
257-401	0	0	0	7,800	0	8/8	Brennan
257-402	0	2,500	0	0	0	8/31	Brennan
257-403	0	216,750	4,951	4,692	3		Weir Count
257-502	0	0	0	0	8,300	7/20	Brennan
	0	0	0	95,000	0	8/8	Brennan
257-503	0	0	0	32,500	2,000	7/20	Brennan
257-601	0	0	0	76,000	0	9/2	Spalinger
	0	0	0	19,500	4,000	7/20	Brennan
257-602	0	0	0	34,400	0	9/2	Spalinger
	0	0	0	4,700	3,000	7/20	Brennan
257-603	0	0	0	45,000	35,000	8/4	Wadle
257-604	0	0	0	20,000	0	7/20	Brennan
257-605	0	0	0	2,000	0	7/20	Brennan
257-701	0	0	0	240,000	0	7/20	Brennan
<b>Total</b>	<b>335</b>	<b>385,274</b>	<b>4,987</b>	<b>613,906</b>	<b>60,388</b>		

**Appendix M6.**-Peak salmon escapements of index streams of the Eastside Kodiak District, by stream and species, in the Kodiak Management Area, 2005.

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
258-204	0	0	0	11,500	3,100	8/8	Brennan
258-205	0	0	0	8,900	10,000	8/8	Brennan
258-207	0	0	0	85,000	0	8/31	Spalinger
	0	0	0	0	35,000	8/8	Brennan
	0	0	0	12,000	0	7/18	Brennan
258-209	0	0	0	2,800	0	8/8	Brennan
258-401	0	900	0	0	0	7/18	Brennan
258-521	0	0	0	42,200	0	8/31	Spalinger
	0	0	1,300	0	0	9/7	Spalinger
	0	0	0	5,000	0	7/18	Brennan
258-522	0	0	0	195,300	0	8/31	Spalinger
	0	0	900	4,200	0	9/7	Spalinger
	0	0	0	36,000	3,000	7/18	Brennan
258-524	0	0	3,100	0	0	9/7	Spalinger
258-542	0	0	0	185,500	0	8/31	Spalinger
258-551	0	0	0	75,000	0	8/4	Wadle
	0	0	0	40,900	0	9/2	Spalinger
258-601	0	0	0	65,000	15,000	8/4	Wadle
258-602	0	0	0	107,000	0	8/31	Spalinger
258-701	0	0	0	159,000	0	7/20	Brennan
259-411	0	0	1,120	0	0	8/4	Wadle
	0	0	0	1,900	0	10/25	Baer
	0	22,000	0	0	0	11/1	Schmidt/Tracy
259-412	0	6,000	0	0	300	8/8	Brennan
	0	0	0	39,000	0	7/18	Brennan
259-414	0	0	0	7,500	1,000	8/10	Gretsch
259-415	0	28,500	0	0	0	8/31	Brennan
	0	0	0	59,200	0	8/10	Gretsch
	0	0	0	15,000	1,000	8/4	Wadle
	0	0	0	0	6,000	8/31	Spalinger
259-418	0	0	0	10,000	0	7/18	Brennan
259-424	0	0	0	58,000	12,000	7/28	Brennan
<b>Total</b>	<b>0</b>	<b>57,400</b>	<b>6,420</b>	<b>1,225,900</b>	<b>86,400</b>		

**Appendix M7.-**Peak salmon escapements of index streams of the Northeast Kodiak District, by stream and species, in the Kodiak Management Area, 2005.

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
259-101	0	0	282	0	0	10/10	Schwarz
	0	0	0	10,500	0	8/10	Gretsch
259-102	0	0	285	0	0	10/12	Schwarz
	0	0	0	16,000	0	8/10	Gretsch
259-105	13	0	0	4,533	0	8/10	Yngve/Van Daele
259-211	0	0	0	60,000	0	8/10	Gretsch
	0	15,602	10,976	99,038	56		Weir count
259-221	0	0	260	0	0	10/12	Schmidt/Lindberg
	0	0	0	44,400	0	8/10	Gretsch
259-222	0	0	570	0	0	10/12	Tracy/Creelman
	0	0	0	17,000	0	8/10	Gretsch
259-223	0	0	345	0	0	10/14	Tracy/Lindberg/Creelman
	0	0	0	600	0	8/10	Gretsch
259-231	0	0	339	0	0	10/13	Schmidt/Creelman
	0	0	0	70,000	0	7/28	Brennan
259-233	0	0	0	3,000	0	8/10	Gretsch
259-234	0	0	160	0	0	10/19	Tracy/Lindberg/Creelman
259-242	0	0	2,495	0	0	10/13	Tracy/Schwarz/Lindberg
	0	0	0	104,000	7,400	8/10	Gretsch
259-245	0	0	204	0	0	10/11	Schmidt/Creelman
	0	0	0	9,500	0	8/10	Gretsch
259-251	0	0	687	0	0	10/11	Tracy/Lindberg
	0	0	0	1,000	0	7/5	Spalinger
	0	0	0	43,000	300	8/10	Gretsch
259-252	0	0	79	0	0	10/10	Schmidt/Creelman
	0	0	0	500	0	7/5	Spalinger
	0	0	0	5,000	0	8/10	Gretsch
259-253	0	0	0	2,000	0	7/5	Spalinger
259-254	0	0	0	2,000	0	7/5	Spalinger
259-255	0	0	0	50,000	0	8/10	Gretsch
259-411	0	0	3,773	0	0	11/25	Schmidt/Spalinger
<b>Total</b>	<b>13</b>	<b>15,602</b>	<b>20,455</b>	<b>542,071</b>	<b>7,756</b>		

**Appendix M8.-Peak salmon escapements of index streams for the Mainland District, by stream and species, in the Kodiak Management Area, 2005.**

Stream	Number of Fish					Date	Observer
	Chinook	Sockeye	Coho	Pink	Chum		
262-151	0	1,500	0	0	0	7/27	Brennan
262-154	0	0	0	800	0	7/27	Brennan
262-271	0	0	0	250	0	7/27	Brennan
262-402	0	0	0	2,000	0	7/27	Brennan
262-501	0	0	0	10,500	0	7/27	Brennan
262-551	0	0	0	4,000	0	7/27	Brennan
262-604	0	0	0	3,700	0	7/27	Brennan
262-651	0	0	0	73,300	0	8/9	Wadle
262-652	0	0	0	32,500	0	8/9	Wadle
	0	0	0	0	5,000	7/27	Brennan
262-653	0	0	0	3,500	0	8/9	Wadle
262-654	0	0	0	8,000	0	7/27	Brennan
	0	0	0	1,000	10,000	8/9	Wadle
262-656	0	0	0	1,600	3,400	8/9	Wadle
262-701	0	0	0	8,700	200	8/9	Wadle
262-702	0	0	0	12,000	500	8/9	Wadle
262-703	0	0	0	300	0	8/9	Wadle
262-704	0	0	0	5,000	0	7/27	Brennan
262-705	0	0	0	40,000	0	8/9	Wadle
262-752	0	0	0	6,600	0	8/9	Wadle
262-801	0	0	0	1,200	1,200	8/9	Wadle
262-802	0	0	0	23,600	0	8/9	Wadle
262-803	0	0	0	500	0	8/9	Wadle
262-851	0	0	0	29,000	17,200	8/9	Wadle
<b>Total</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>268,050</b>	<b>37,500</b>		