4K93-27

KODIAK MANAGEMENT AREA, SALMON CATCH, ESCAPEMENT, AND RUN STATISTICS, 1988

By

Charles O. Swanton and Patricia A. Nelson

Regional Information Report[1] No. 4K93-27

Alaska Department of Fish and Game
Division of Commercial Fisheries
211 Mission Road
Kodiak, Alaska 99615

October 1993

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ACKNOWLEDGMENTS

Kodiak Area, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division salmon management and research staff both full-time and seasonal assisted in collecting the data presented in this report. Jim Blackburn provided assistance with database summaries; Bruce Barrett provided supervision and editorial advice; and Lucinda Neel contributed publication expertise.

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INTRODUCTION

This report functions as supporting documentation of the Kodiak Management Area salmon catch, escapement, and run statistics for the 1988 season (Swanton and Nelson 1993, in press).

METHODS

Methods employed are described in Swanton and Nelson 1993 (in press).

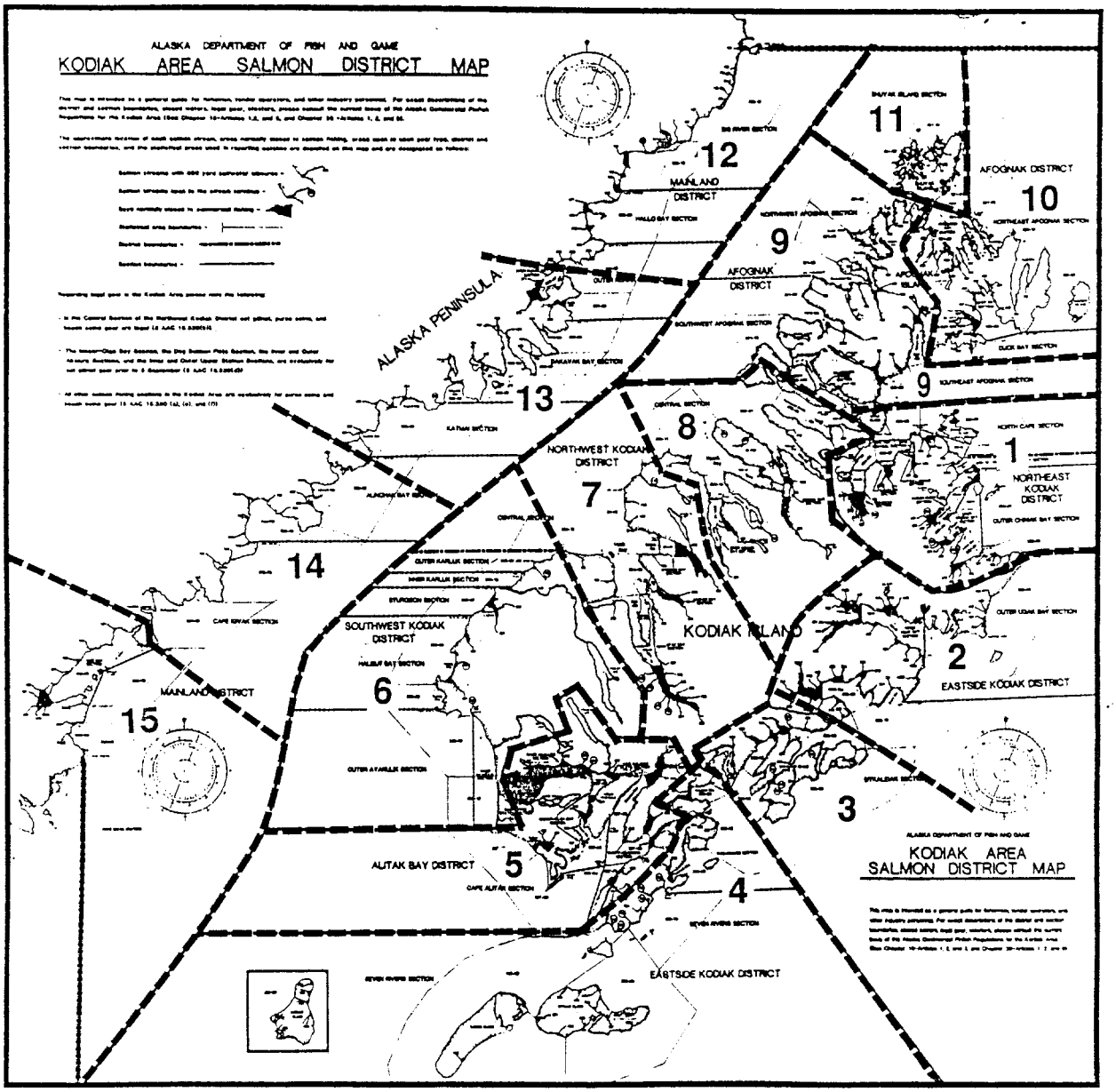
RESULTS

Maps of the Kodiak Management Area fishing districts and sections are presented in Appendix A.1-A.16. Statistical weeks and associated calendar dates are reported in Appendix B.1. Commercial salmon catch numbers by district and species are given in Appendix C.1-C.7. Estimated age composition for selected sockeye salmon catches are reported in Appendix D.1-D.7. Daily and cumulative sockeye salmon escapements counted through weirs are provided in Appendix E.1-E.3. Peak aerial survey and estimated total escapement numbers by species and district are reported in Appendix E.4. Estimated age, length, and sex composition for selected sockeye salmon escapements are given in Appendix F.1-F.48. Age composition of selected coho salmon escapement samples are reported in Appendix G.1. Age, length, and sex composition of chum salmon catch and escapement samples can be found in Apppendix H.1-H.9.

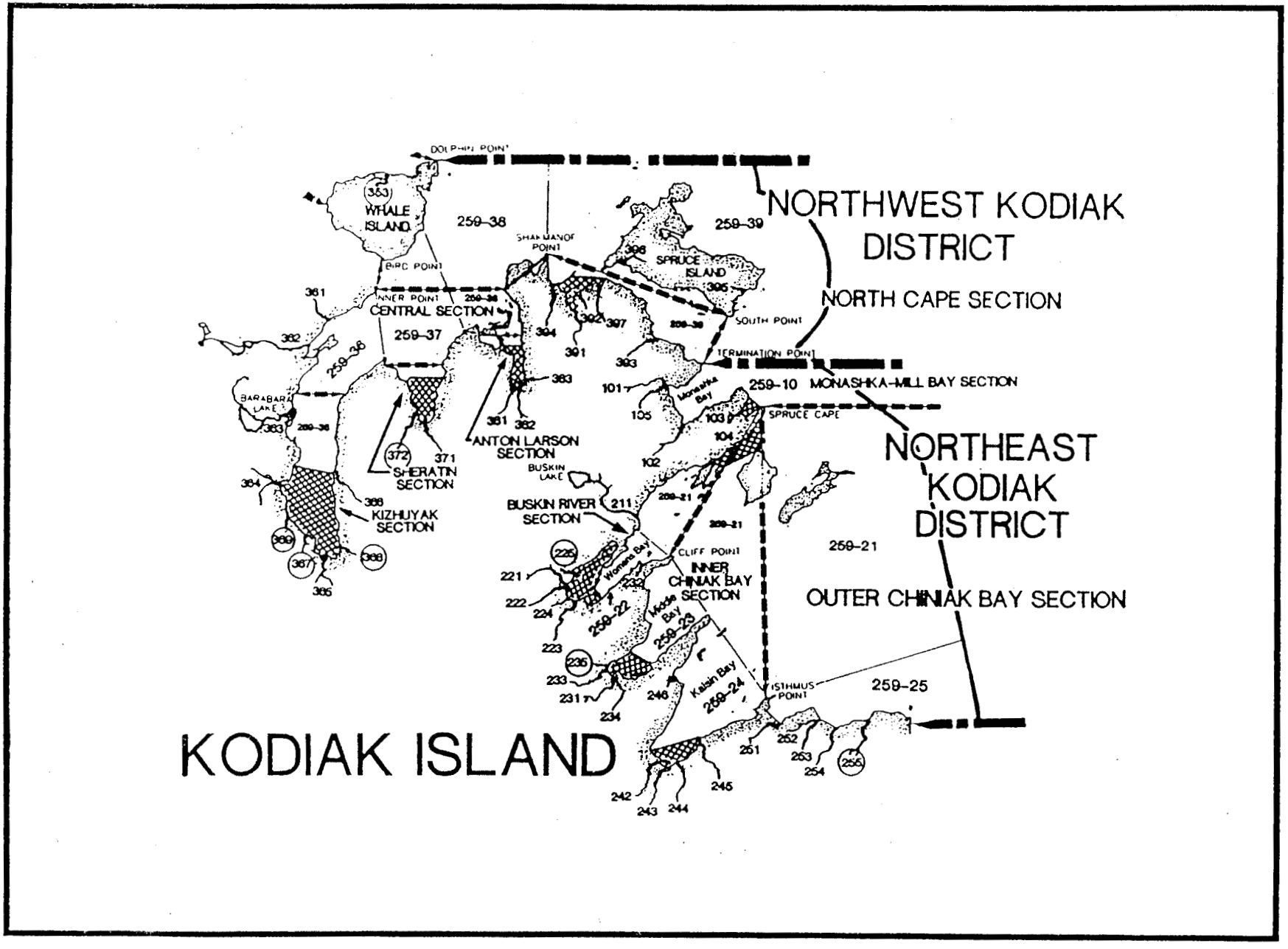
LITERATURE CITED

Swanton, C.O. and P.A. Nelson, 1993. Kodiak Management Area, salmon catch, escapement and run statistics, 1988. Alaska Department of Fish and Game, Division of Commercial Fisheries Management and Development Division, Technical Fishery Report 93-**, Juneau.

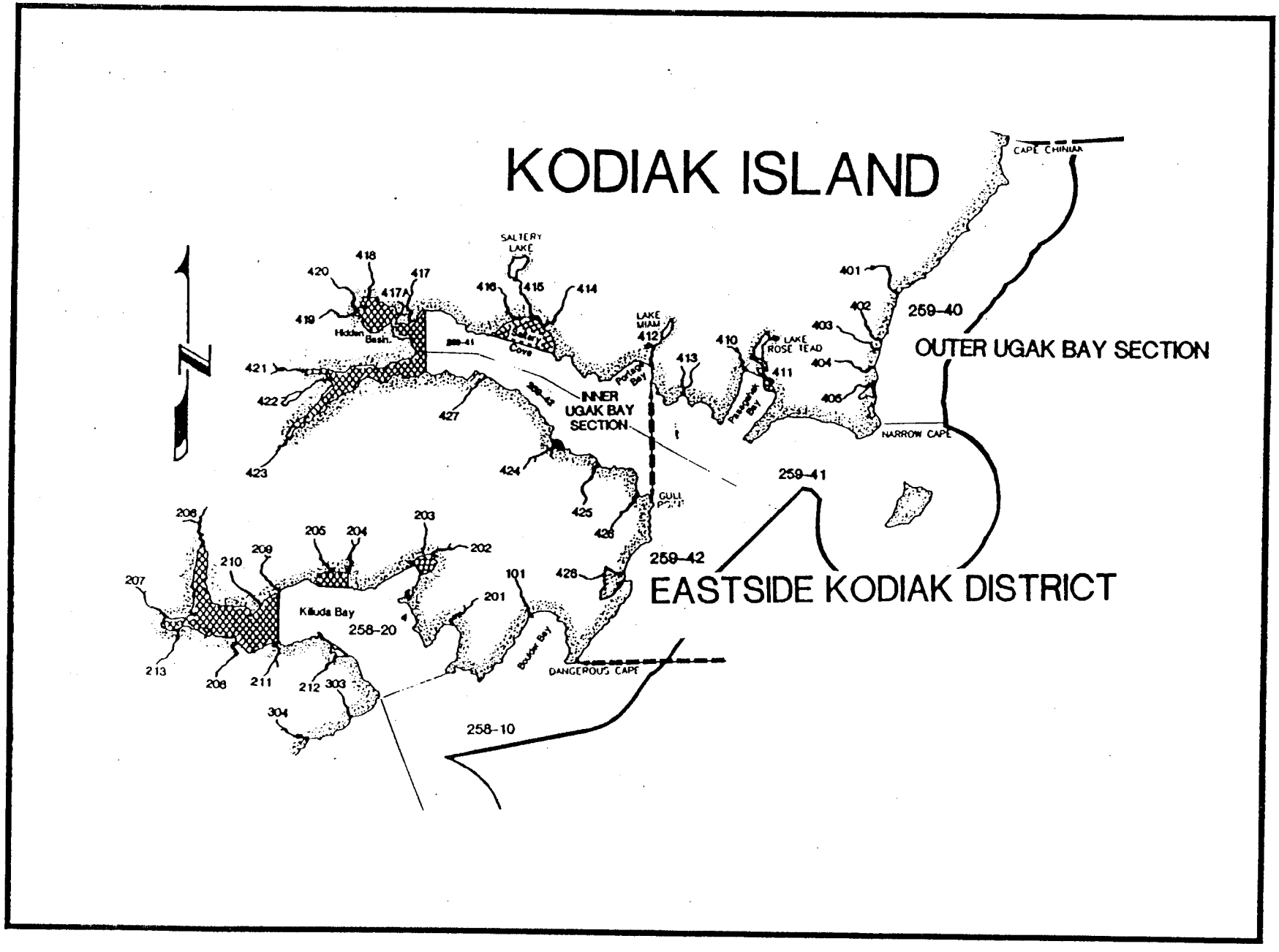
APPENDIX



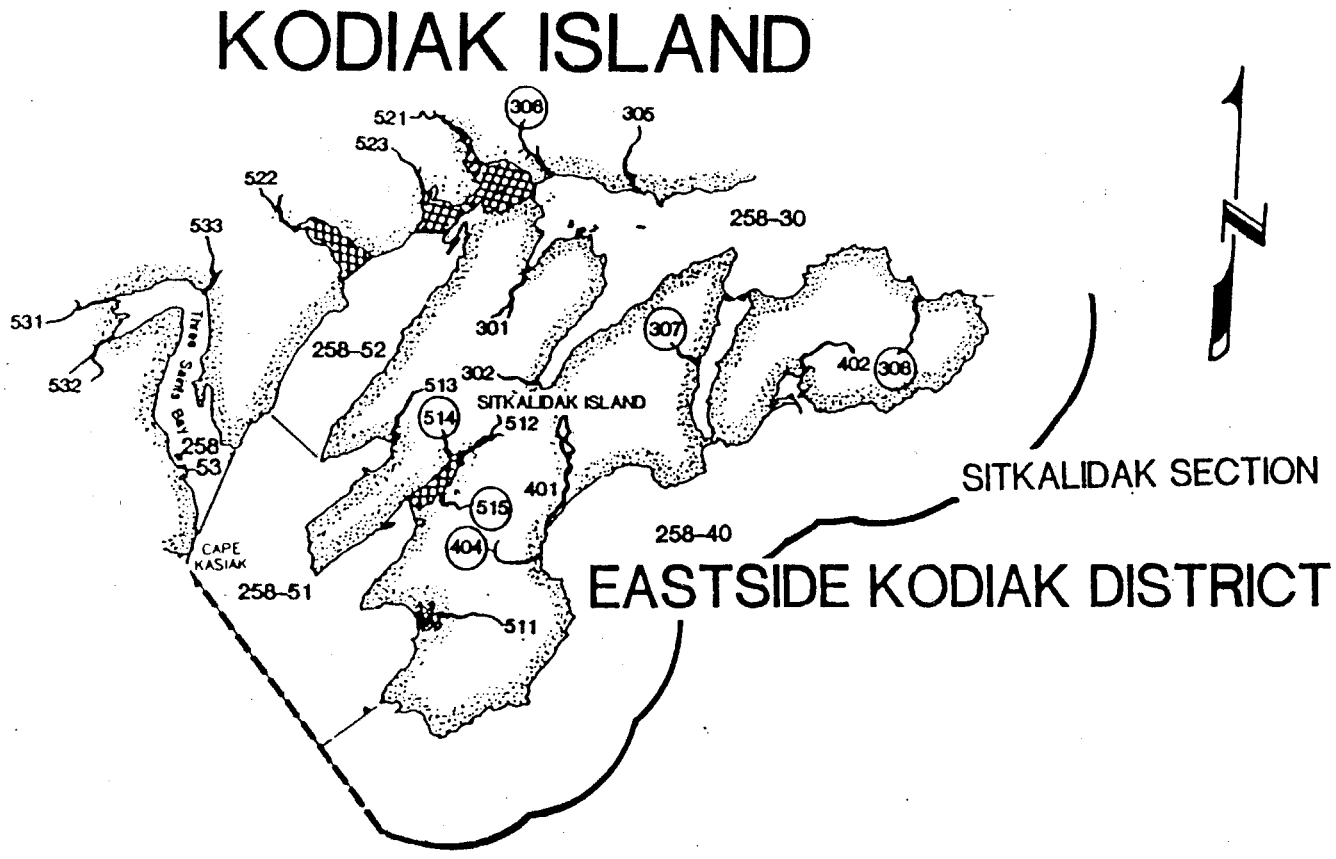
Appendix A.1. Kodiak Management Area salmon district map, 1988.



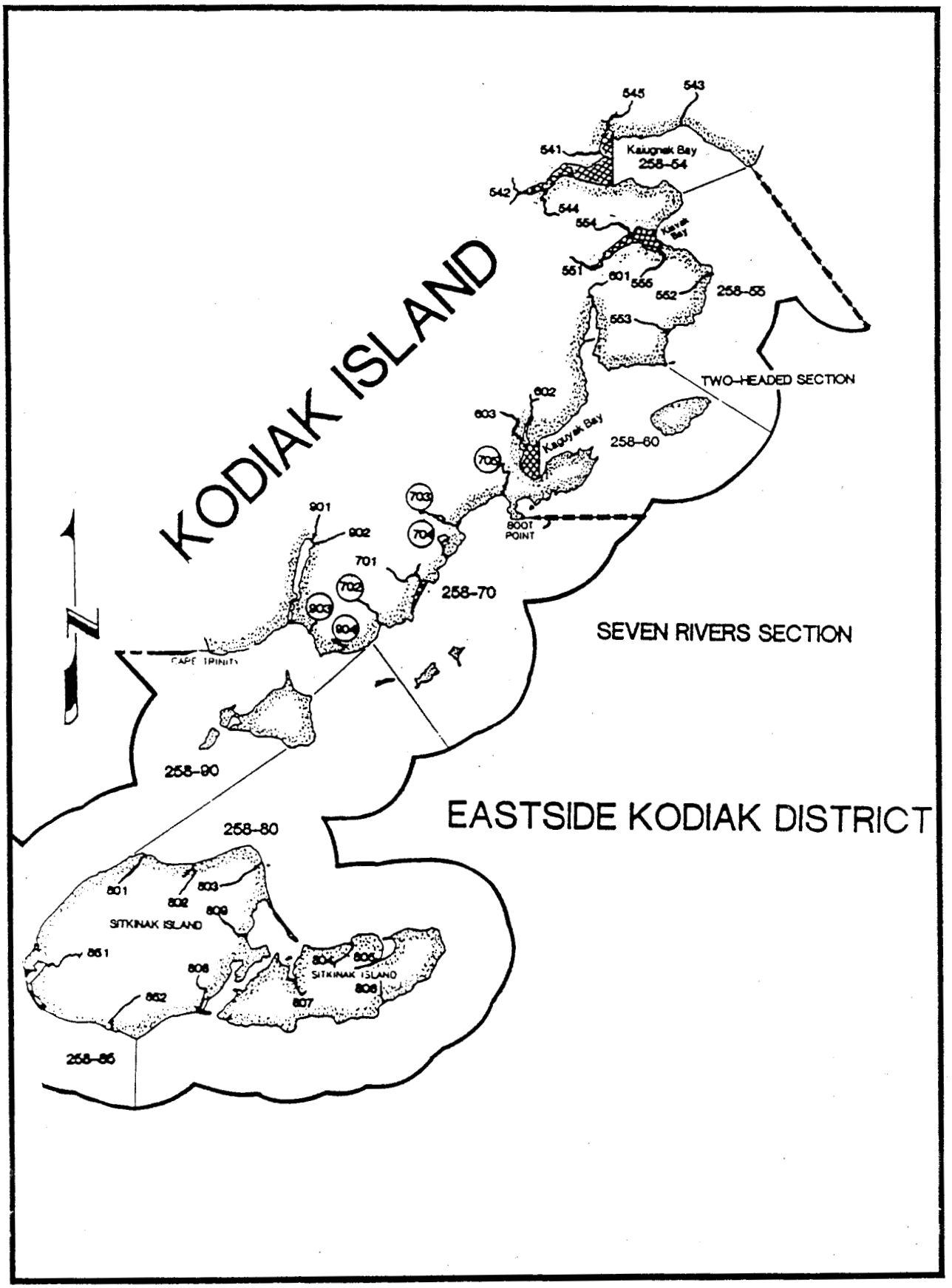
Appendix A.2. Whale Pass to Cape Chiniak, #1, Kodiak Management Area, 1988.



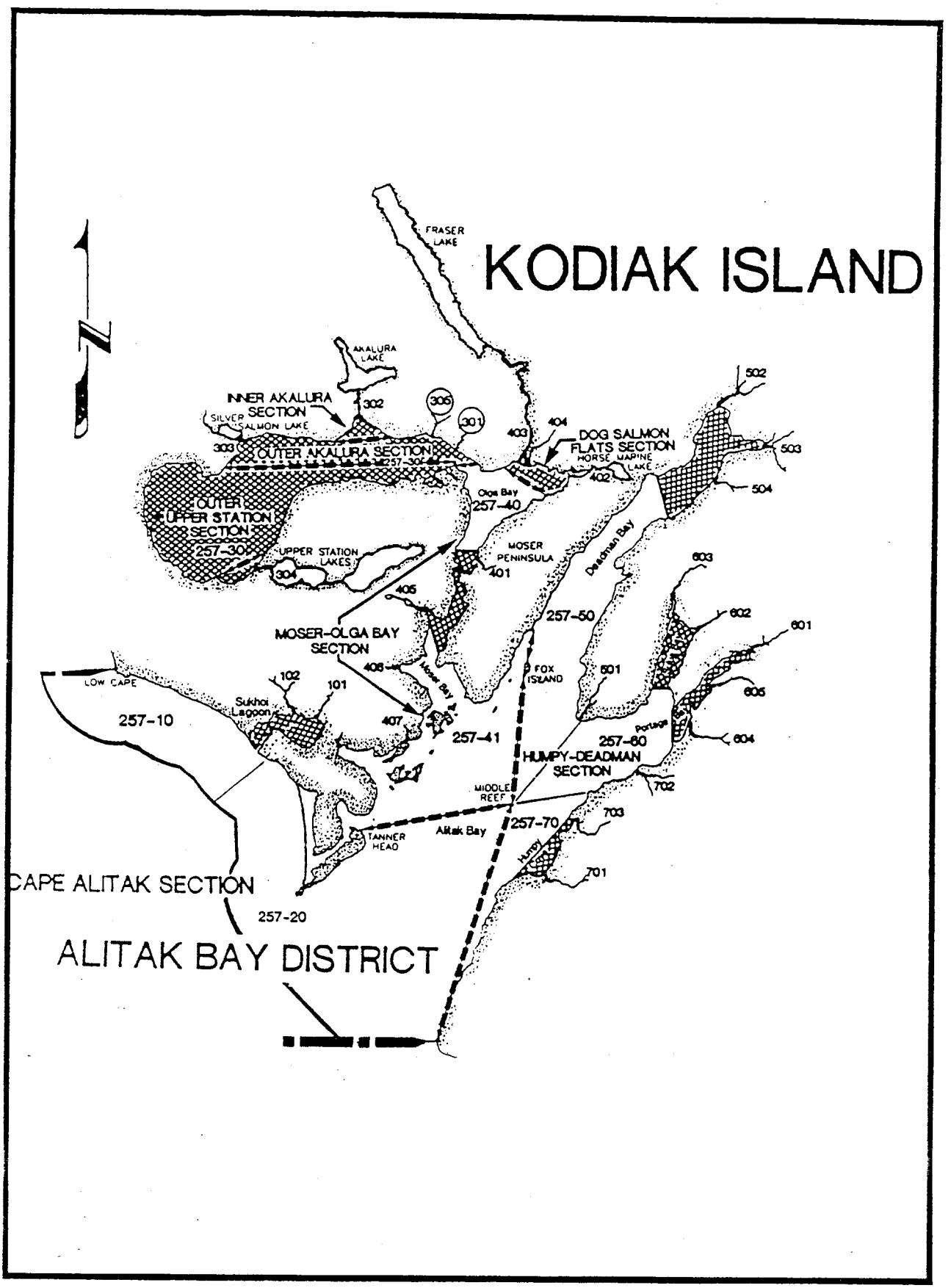
Appendix A.3. Left Cape north to Cape Chiniak, #2, Kodiak Management Area, 1988.



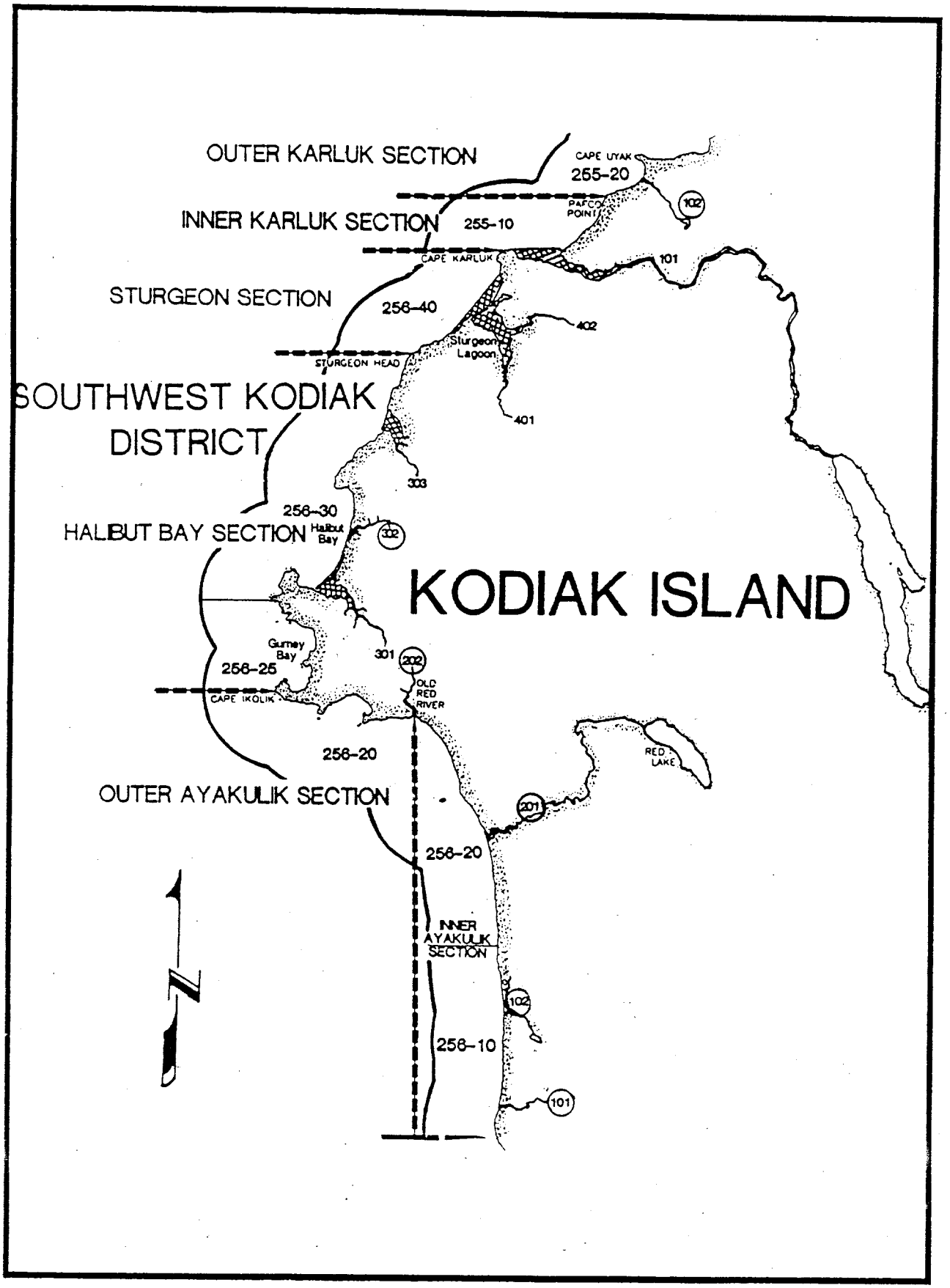
Appendix A.4. Cape Kasiak north to Left Cape, #3, Kodiak Management Area, 1988.



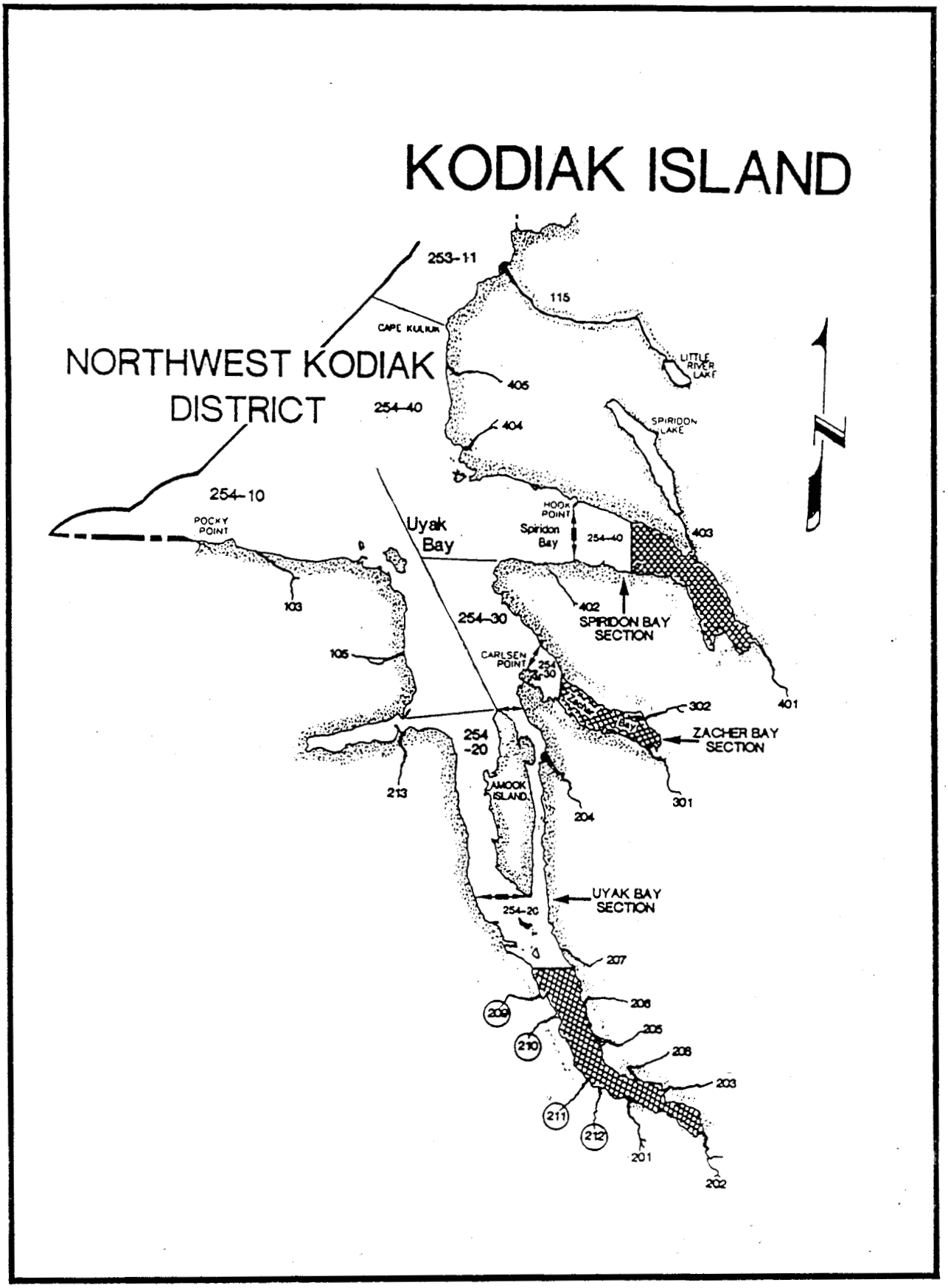
Appendix A.5. Cape Trinity north to Cape Kasiak, #4, Kodiak Management Area, 1988.



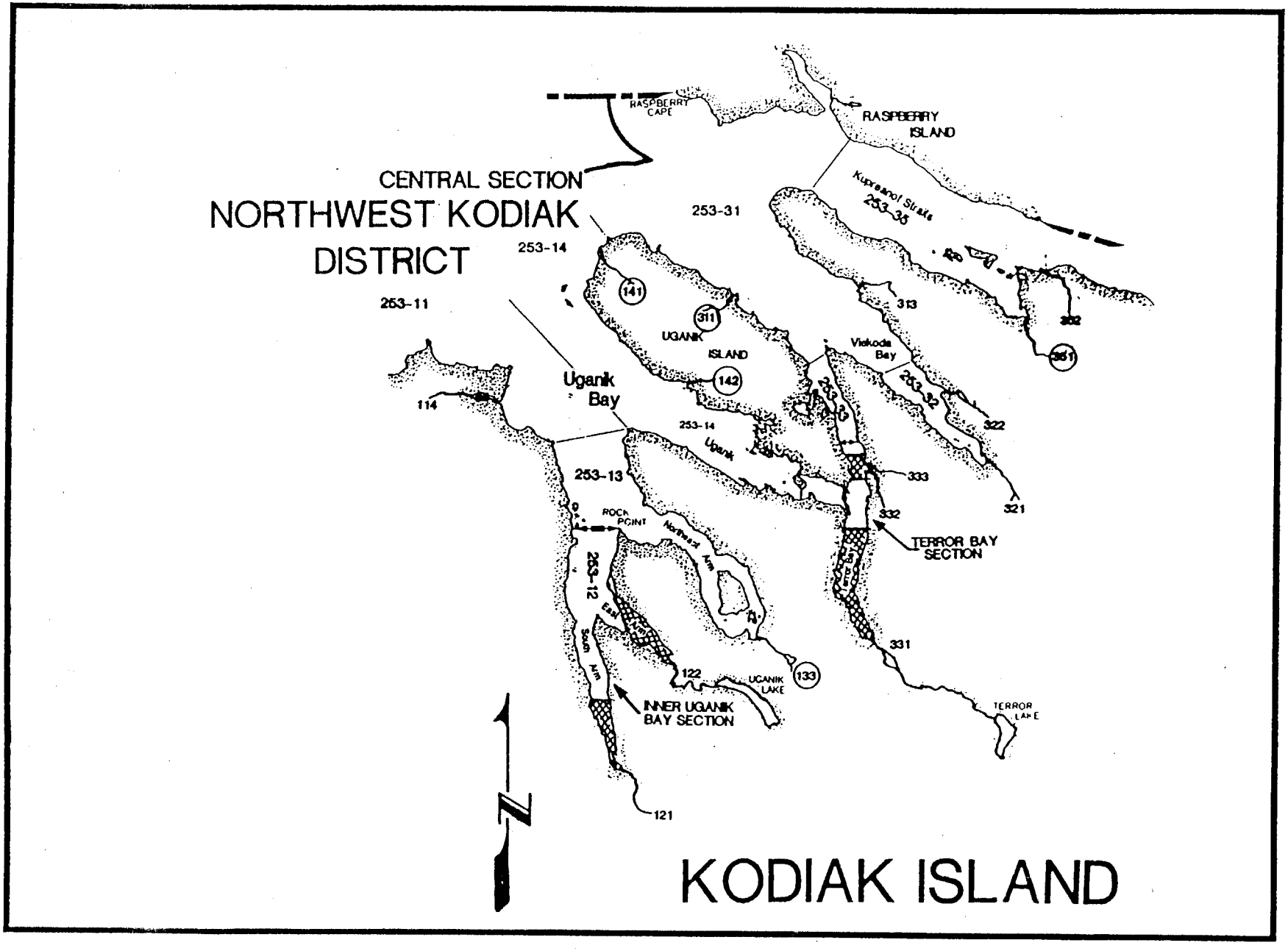
Appendix A.6. Low Cape east to Cape Trinity, #5, Kodiak Management Area, 1988.



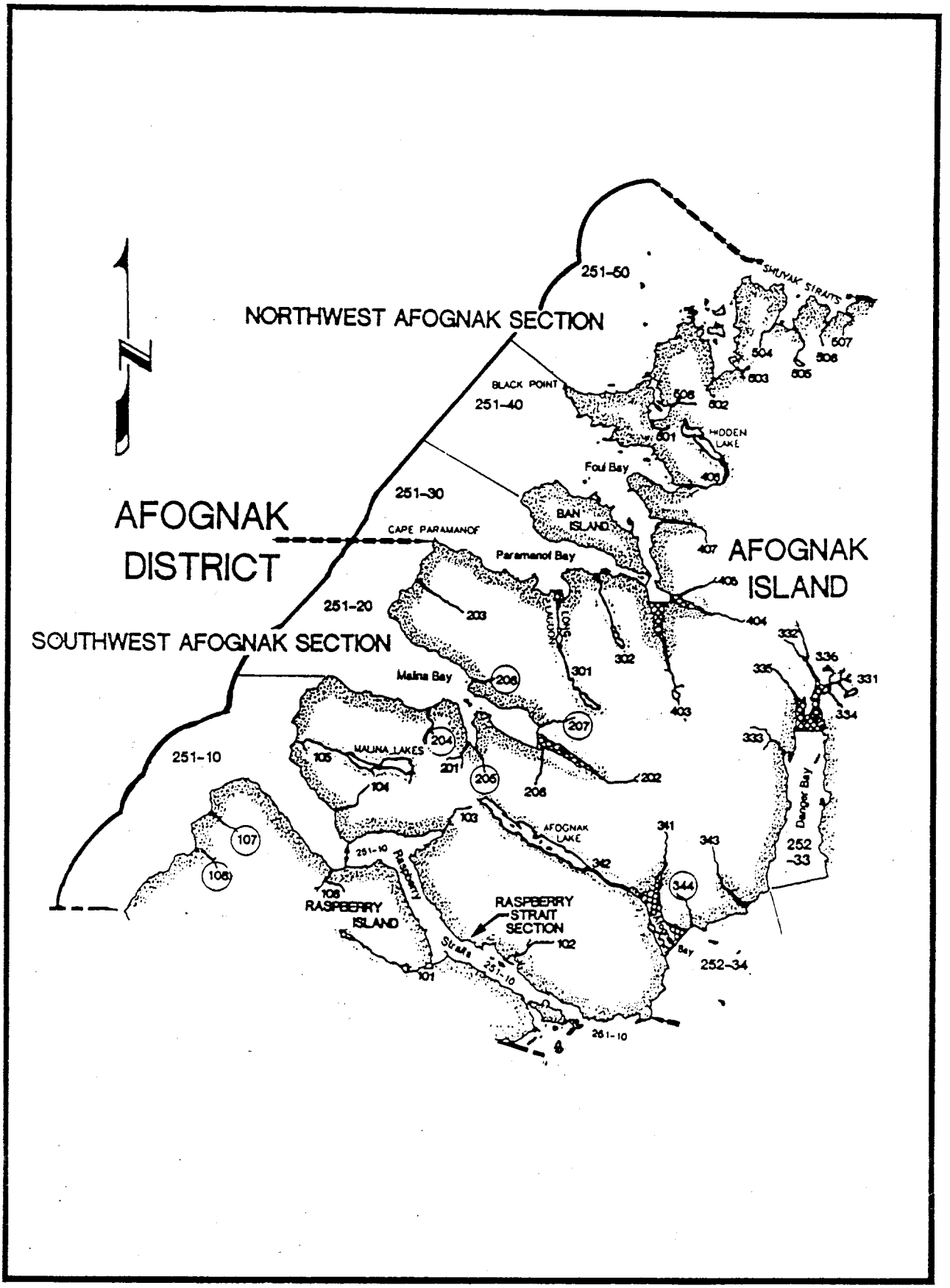
Appendix A.7. Rocky Point south to Low Cape, #6, Kodiak Management Area, 1988.



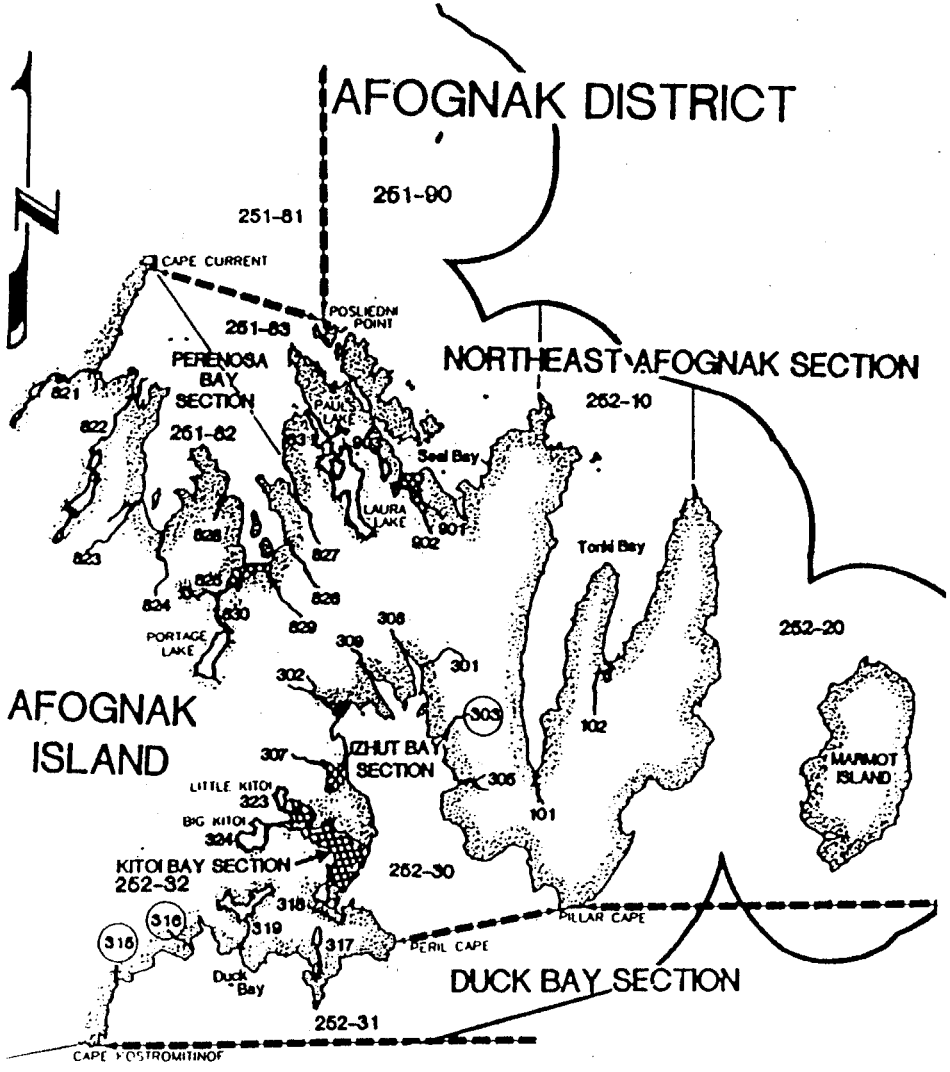
Appendix A.8. Cape Ugat south to Rocky Point, #7, Kodiak Management Area, 1988.



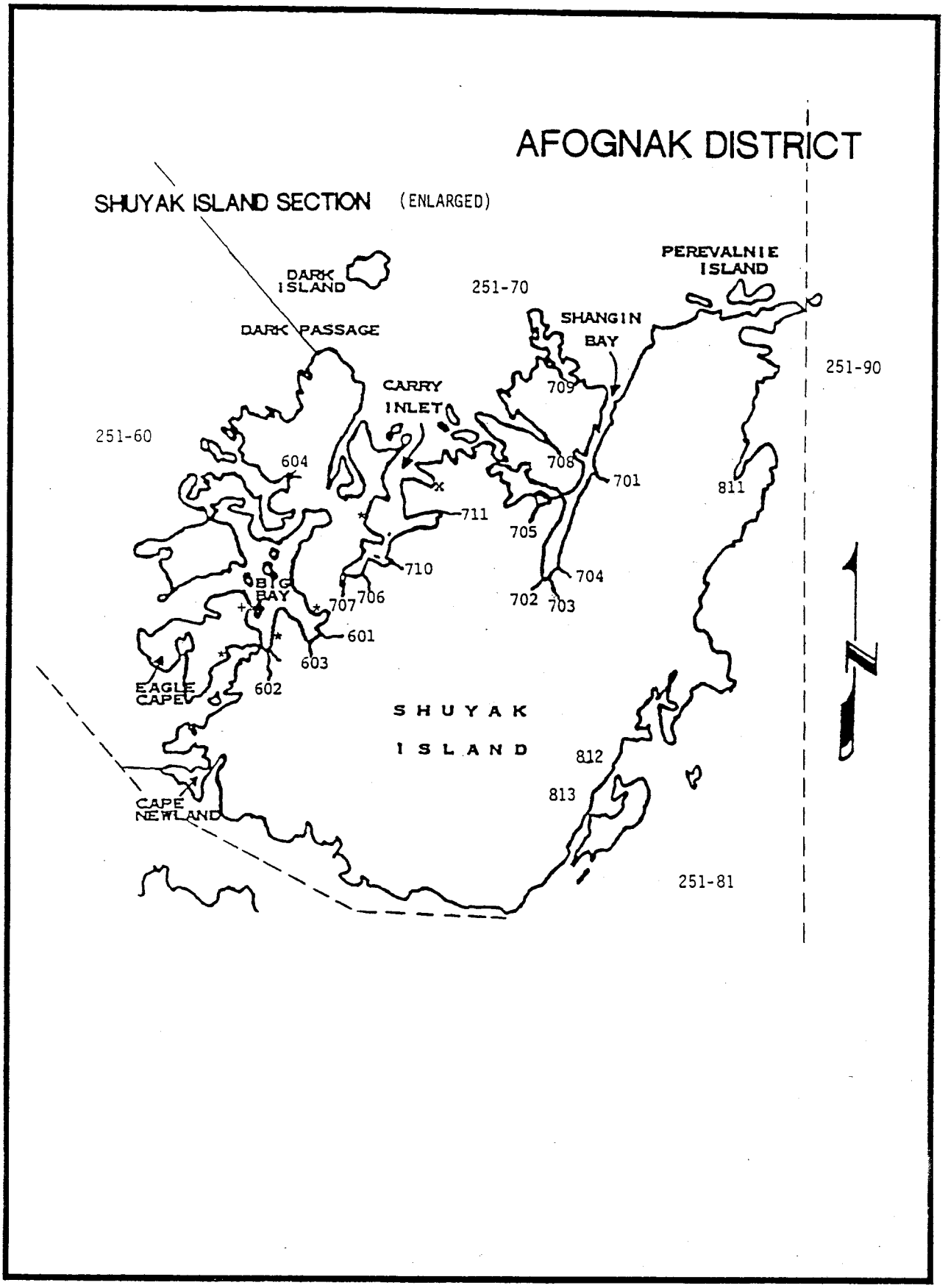
Appendix A.9. Raspberry Cape south to Cape Ugat, #8, Kodiak Management Area, 1988.



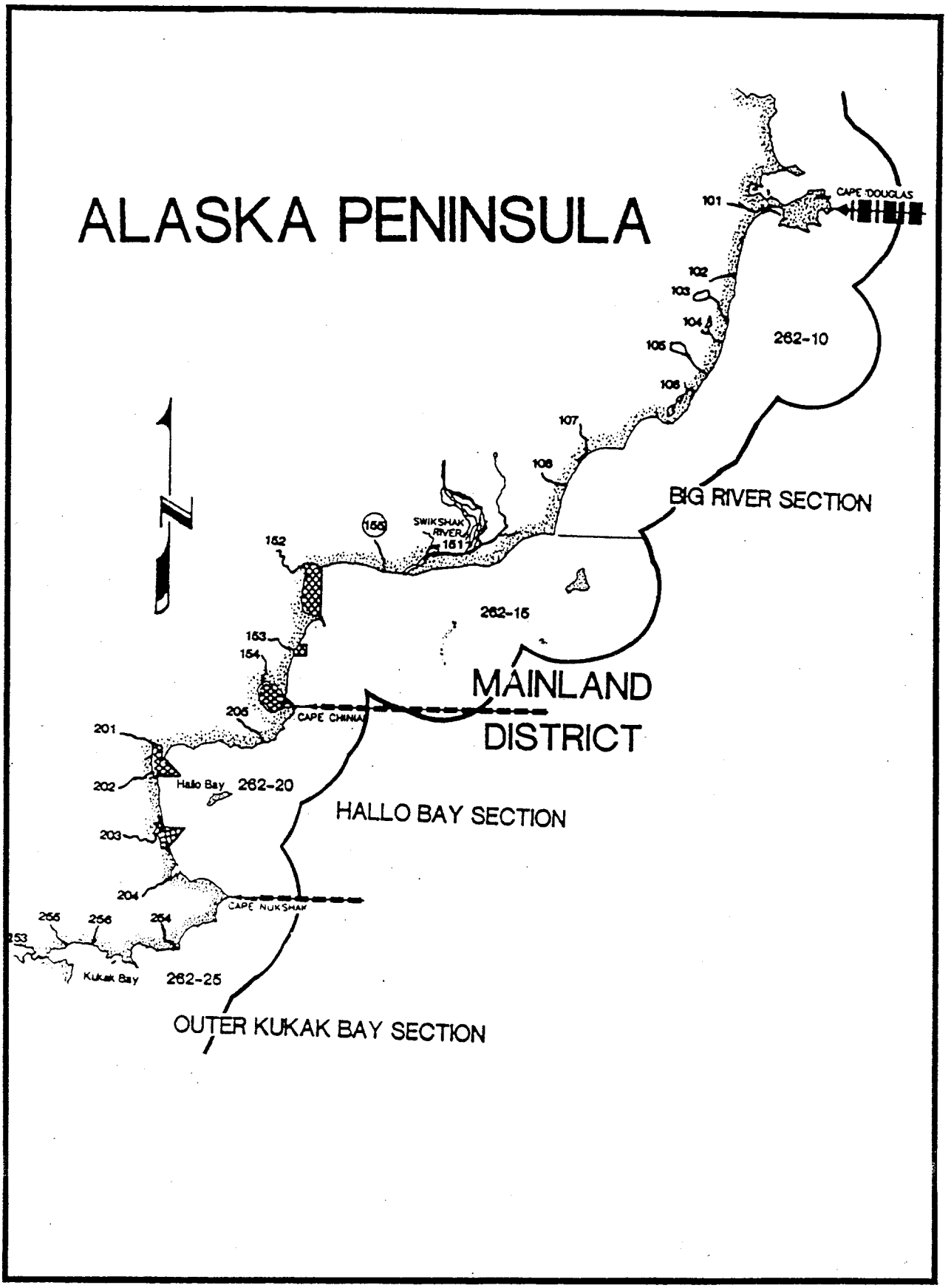
Appendix A.10. Raspberry Cape north to Shuyak Straits, #9, Kodiak Management Area, 1988.



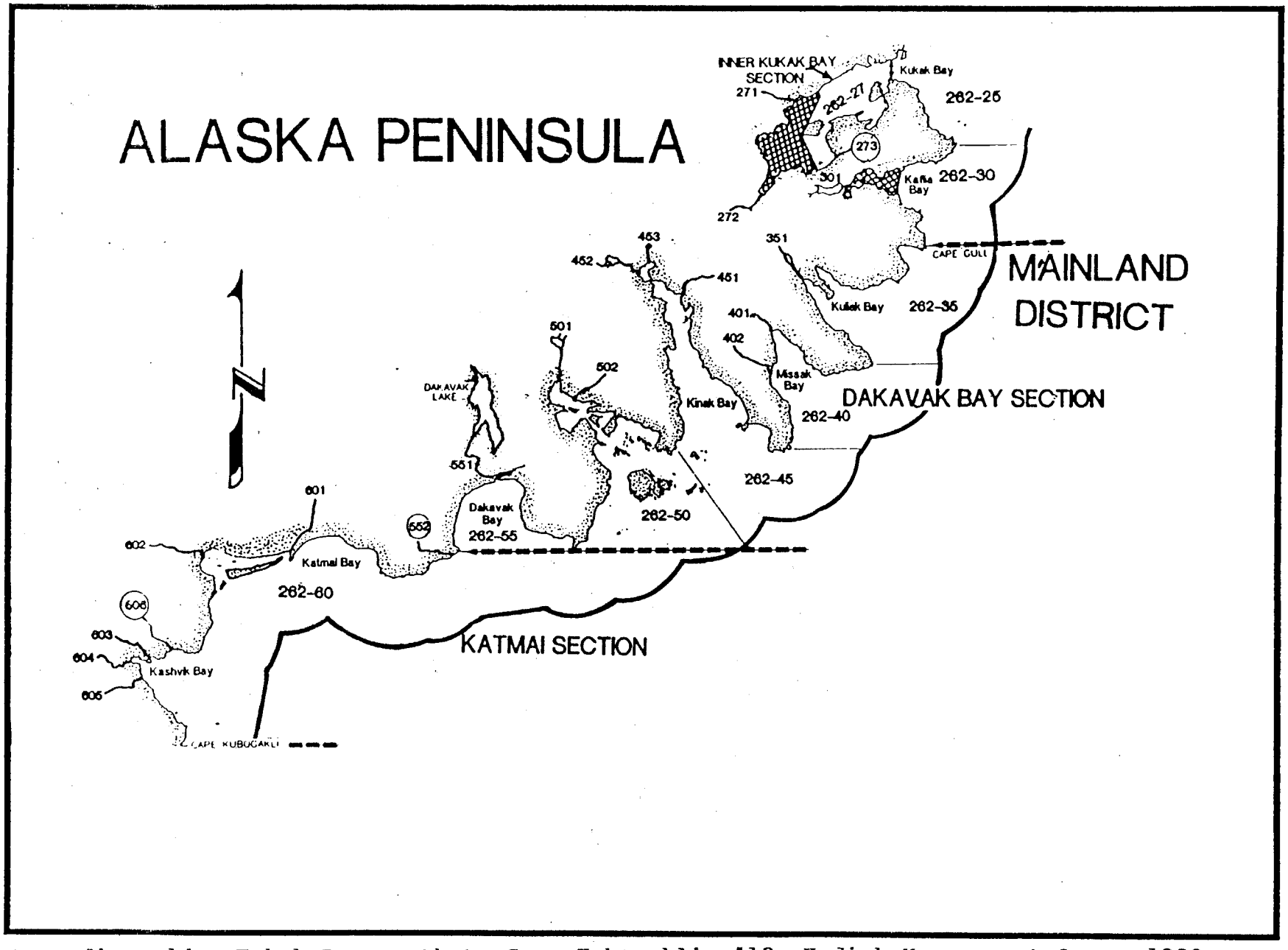
Appendix A.11. Cape Currant east to Cape Kostromitinof, #10, Kodiak Management Area, 1988.



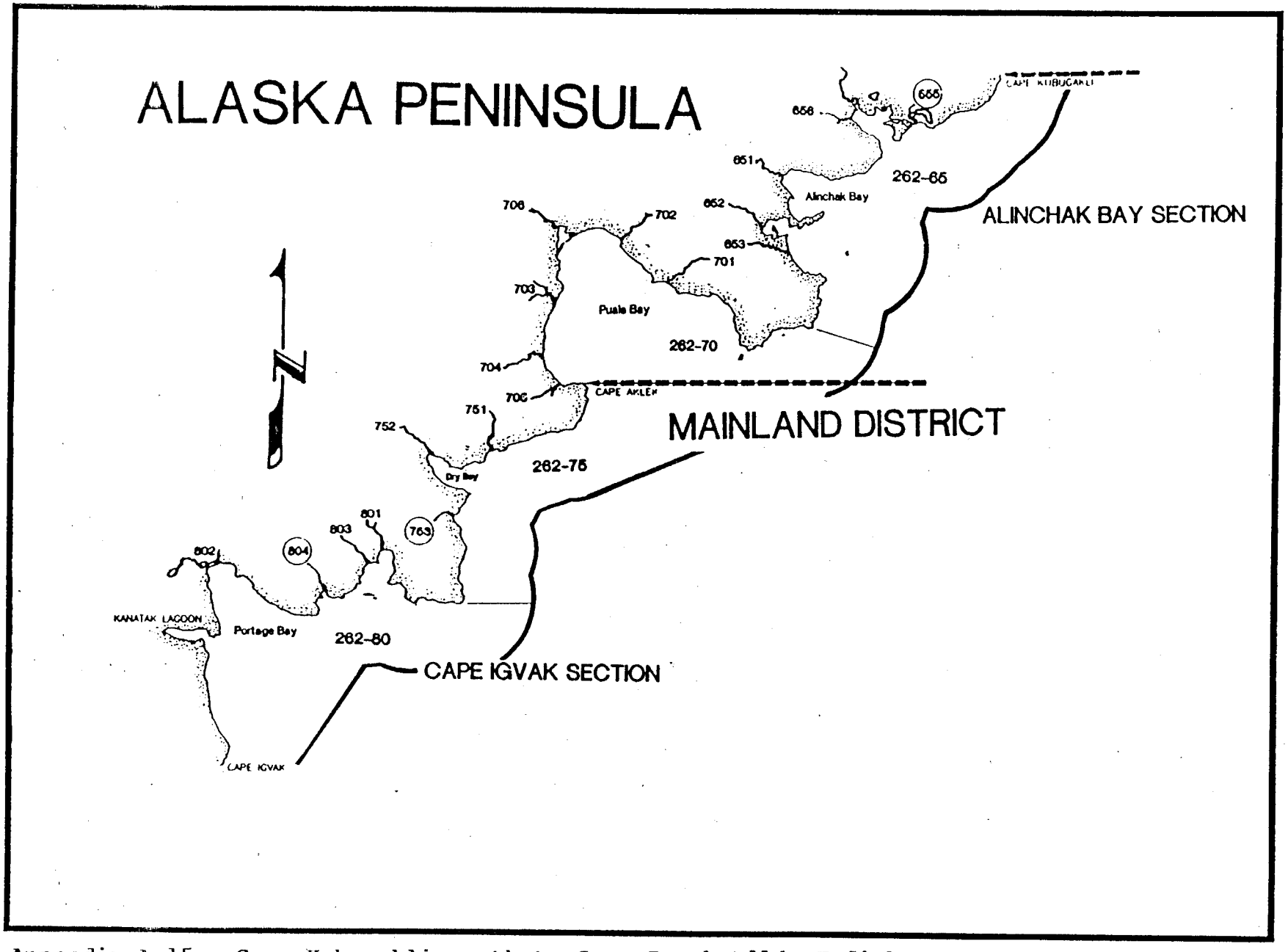
Appendix A.12. Shuyak Island, #11, Kodiak Management Area, 1988.



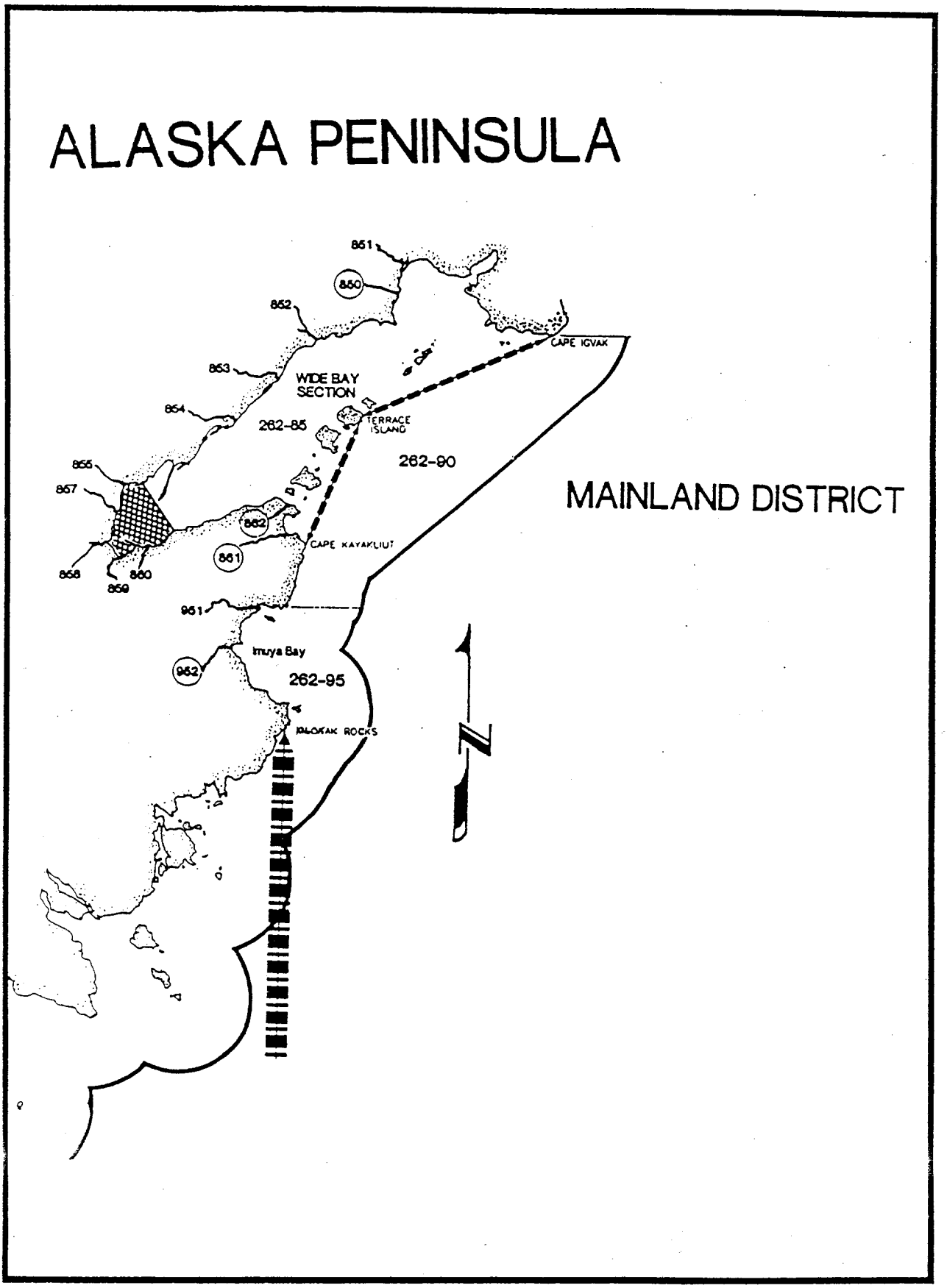
Appendix A.13. Cape Douglas south to Devil's Inlet, #12, Kodiak Management Area, 1988.



Appendix A.14. Kukak Bay south to Cape Kubugakli, #13, Kodiak Management Area, 1988.



Appendix A.15. Cape Kubugakli south to Cape Igvak, #14, Kodiak Management Area, 1988.



Appendix A.16. Cape Igvak south to Kilokak Rocks, #15, Kodiak Management Area, 1988.

Appendix B.1. Statistical weeks and associated calendar dates, 1988.

Statistical Week	Calendar Date	Statistical Week	Calendar Date
1	01-Jan to 02-Jan	28	03-Jul to 09-Jul
2	03-Jan to 09-Jan	29	10-Jul to 16-Jul
3	10-Jan to 16-Jan	30	17-Jul to 23-Jul
4	17-Jan to 23-Jan	31	24-Jul to 30-Jul
5	24-Jan to 30-Jan	32	31-Jul to 06-Aug
6	31-Jan to 06-Feb	33	07-Aug to 13-Aug
7	07-Feb to 13-Feb	34	14-Aug to 20-Aug
8	14-Feb to 20-Feb	35	21-Aug to 27-Aug
9	21-Feb to 27-Feb	36	28-Aug to 03-Sep
10	28-Feb to 05-Mar	37	04-Sep to 10-Sep
11	06-Mar to 12-Mar	38	11-Sep to 17-Sep
12	13-Mar to 19-Mar	39	18-Sep to 24-Sep
13	20-Mar to 26-Mar	40	25-Sep to 01-Oct
14	27-Mar to 02-Apr	41	02-Oct to 08-Oct
15	03-Apr to 09-Apr	42	09-Oct to 15-Oct
16	10-Apr to 16-Apr	43	16-Oct to 22-Oct
17	17-Apr to 23-Apr	44	23-Oct to 29-Oct
18	24-Apr to 30-Apr	45	30-Oct to 05-Nov
19	01-May to 07-May	46	06-Nov to 12-Nov
20	08-May to 14-May	47	13-Nov to 19-Nov
21	15-May to 21-May	48	20-Nov to 26-Nov
22	22-May to 28-May	49	27-Nov to 03-Dec
23	29-May to 04-Jun	50	04-Dec to 10-Dec
24	05-Jun to 11-Jun	51	11-Dec to 17-Dec
25	12-Jun to 18-Jun	52	18-Dec to 24-Dec
26	19-Jun to 25-Jun	53	25-Dec to 31-Dec
27	26-Jun to 02-Jul		

Appendix C.1. Salmon catch numbers and poundage landed by species and day, Afognak District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/09	0	0	0	51	51	277	0	0	0	0	0	0	4	4	37
06/10	145	145	774	410	461	2,073	0	0	0	0	0	0	133	137	1,408
06/11	4	149	23	13	474	73	0	0	0	0	0	0	3	140	33
06/15	49	198	335	546	1,020	2,393	0	0	0	0	0	0	133	273	1,177
06/16	1	199	10	2,022	3,042	8,896	0	0	0	26	26	66	0	273	0
06/26	6	205	52	333	3,375	1,663	0	0	0	28	54	92	61	334	524
06/27	5	210	30	105	3,480	563	0	0	0	45	99	149	48	382	388
06/28	3	213	19	20	3,500	99	0	0	0	0	99	0	30	412	236
07/06	0	213	0	231	3,731	1,303	3	3	18	676	775	2,453	178	590	1,600
07/08	2	215	16	1,546	5,277	8,538	1	4	8	3,463	4,238	12,501	1,757	2,347	17,053
07/09	9	224	82	1,060	6,337	6,576	13	17	49	1,715	5,953	6,499	821	3,168	7,498
07/11	14	238	232	13,852	20,189	92,255	29	46	213	7,498	13,451	25,572	1,460	4,628	13,217
07/12	12	250	266	16,843	37,032	122,178	90	136	728	10,285	23,736	36,192	2,087	6,715	19,447
07/13	49	299	662	32,032	69,064	237,133	77	213	577	12,192	35,928	42,214	2,409	9,124	22,058
07/14	116	415	1,544	43,487	112,551	319,977	287	500	2,408	15,434	51,362	54,705	4,383	13,507	40,198
07/15	166	581	2,214	65,412	177,963	489,439	429	929	3,174	24,688	76,050	90,189	6,347	19,854	55,291
07/16	59	640	955	36,463	214,426	270,213	136	1,065	1,091	11,382	87,432	39,857	2,877	22,731	25,996
07/18	11	651	273	11,566	225,992	84,744	263	1,328	2,021	8,256	95,688	28,649	2,326	25,057	19,636
07/19	37	688	751	11,021	237,013	79,393	784	2,112	5,803	31,967	127,655	116,743	4,916	29,973	42,853
07/20	62	750	910	5,526	242,539	37,872	1,227	3,339	9,727	30,830	158,485	111,119	2,587	32,560	22,918
07/21	83	833	1,469	11,345	253,884	79,100	932	4,271	7,200	36,220	194,705	128,402	4,304	36,864	37,546
07/22	52	885	1,121	22,028	275,912	155,041	1,027	5,298	8,273	46,727	241,432	163,554	7,891	44,755	68,273
07/23	7	892	150	2,890	278,802	20,078	167	5,465	1,191	6,890	248,322	24,433	762	45,517	5,911
07/25	14	906	241	1,311	280,113	8,213	192	5,657	1,685	22,676	270,998	81,420	354	45,871	3,092
07/26	28	934	549	2,040	282,153	12,734	625	6,282	4,538	47,952	318,950	169,286	1,427	47,298	13,052
07/27	25	959	561	1,306	283,459	7,865	893	7,175	6,738	57,339	376,289	198,115	1,290	48,588	10,537
07/28	18	977	423	1,258	284,717	7,326	1,643	8,818	12,411	92,360	468,649	322,510	1,533	50,121	12,765
07/29	328	1,305	5,931	813	285,530	4,876	1,682	10,500	13,326	108,701	577,350	395,668	2,605	52,726	21,131
07/30	100	1,405	1,792	692	286,222	4,009	2,048	12,548	16,333	109,126	686,476	390,467	2,267	54,993	19,644
07/31	122	1,527	1,499	683	286,905	3,777	2,128	14,676	16,393	114,568	801,044	417,068	1,361	56,354	11,036
08/01	13	1,540	174	386	287,291	2,027	946	15,622	7,385	102,709	903,753	359,315	1,032	57,386	8,783
08/02	41	1,581	751	1,277	288,568	7,352	2,831	18,453	21,901	196,013	1,099,766	694,582	2,739	60,125	23,809
08/03	79	1,660	1,765	677	289,245	4,089	1,410	19,863	11,597	124,657	1,224,423	458,747	1,424	61,549	13,122
08/04	165	1,825	3,291	936	290,181	5,858	1,270	21,133	10,826	164,883	1,389,306	572,379	5,238	66,787	48,058
08/05	175	2,000	2,281	1,234	291,415	7,188	2,169	23,302	19,091	140,690	1,529,996	524,806	4,145	70,932	37,000
08/06	6	2,006	104	150	291,565	875	288	23,590	2,259	45,992	1,575,988	166,413	492	71,424	4,316
08/07	0	2,006	0	0	291,565	0	0	23,590	0	24,345	1,600,333	87,642	0	71,424	0
08/08	9	2,015	171	130	291,695	807	858	24,448	7,253	98,379	1,698,712	367,865	599	72,023	5,463
08/09	74	2,089	1,320	418	292,113	2,413	2,355	26,803	19,191	153,734	1,852,446	581,673	2,892	74,915	26,718
08/10	20	2,109	336	491	292,604	2,848	2,522	29,325	22,389	171,682	2,024,128	646,870	1,804	76,719	15,798
08/11	15	2,124	181	251	292,855	1,284	3,006	32,331	26,931	89,916	2,114,044	350,741	718	77,437	6,023
08/12	40	2,164	509	248	293,103	1,484	4,973	37,304	35,692	82,592	2,196,636	313,919	398	77,835	3,345
08/13	21	2,185	291	991	294,094	5,335	4,434	41,738	39,380	146,494	2,343,130	560,982	1,794	79,629	15,502
08/14	5	2,190	79	551	294,645	3,370	6,665	48,403	56,839	169,698	2,512,828	654,564	1,168	80,797	10,068
08/15	10	2,200	198	609	295,254	3,951	3,924	52,327	33,249	112,026	2,624,854	404,435	4,503	85,300	36,290
08/16	4	2,204	56	226	295,480	1,086	3,539	55,866	30,389	82,924	2,707,778	307,775	302	85,602	2,439
08/17	1	2,205	50	178	295,658	1,213	1,968	57,834	15,221	59,453	2,767,231	218,748	283	85,885	2,264
08/18	7	2,212	90	331	295,989	1,918	8,164	65,998	66,725	106,871	2,874,102	404,303	775	86,660	6,256
08/19	5	2,217	114	352	296,341	1,866	3,515	69,513	31,642	43,970	2,918,072	165,726	346	87,006	2,856

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Appendix C.1. (page 2 of 2)

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
08/20	5	2,222	50	138	296,479	743	2,848	72,361	26,156	40,320	2,958,392	147,002	204	87,210	1,667
08/21	2	2,224	27	36	296,515	205	488	72,849	3,871	12,494	2,970,886	48,682	53	87,263	424
08/23	0	2,224	0	83	296,598	510	733	73,582	5,717	16,730	2,987,616	65,996	125	87,388	1,155
08/24	0	2,224	0	82	296,680	454	955	74,537	8,336	14,599	3,002,215	55,539	417	87,805	3,873
08/25	0	2,224	0	44	296,724	226	621	75,158	5,260	8,369	3,010,584	31,237	37	87,842	346
08/26	0	2,224	0	1	296,725	3	460	75,618	4,829	591	3,011,175	2,193	0	87,842	0
08/29	0	2,224	0	0	296,725	0	4	75,622	34	9,147	3,020,322	34,762	0	87,842	0
08/30	0	2,224	0	5	296,730	27	349	75,971	3,769	4,643	3,024,965	17,553	0	87,842	0
08/31	0	2,224	0	98	296,828	511	1,171	77,142	11,861	3,085	3,028,050	11,558	12	87,854	91
09/01	19	2,243	202	0	296,828	0	17	77,159	152	425	3,028,475	1,672	20	87,874	117
09/02	0	2,243	0	15	296,843	64	285	77,444	2,005	980	3,029,455	3,100	9	87,883	61
09/07	0	2,243	0	19	296,862	89	831	78,275	8,462	170	3,029,625	758	0	87,883	0
09/08	0	2,243	0	54	296,916	297	818	79,093	8,161	447	3,030,072	1,838	0	87,883	0
09/12	0	2,243	0	1	296,917	3	15	79,108	143	0	3,030,072	0	0	87,883	0
09/13	0	2,243	0	0	296,917	0	210	79,318	1,886	4	3,030,076	12	0	87,883	0
09/15	0	2,243	0	0	296,917	0	97	79,415	970	0	3,030,076	0	0	87,883	0
09/16	0	2,243	0	0	296,917	0	2	79,417	22	160	3,030,236	576	0	87,883	0
09/27	0	2,243	0	0	296,917	0	199	79,616	1,874	0	3,030,236	0	0	87,883	0
10/08	0	2,243	0	0	296,917	0	20	79,636	150	0	3,030,236	0	0	87,883	0
Total	2,243		34,924	296,917		2,126,773	79,636		665,523	3,030,236		11,121,886	87,883		770,399
Average			15.6			7.2			8.4			3.7			8.8

Appendix C.2. Salmon catch numbers and poundage landed by species and day, NW Kodiak District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/07	0	0	0	4	4	21	0	0	0	13	13	59	23	23	235
06/09	204	204	1,691	4,116	4,120	22,086	10	10	53	290	303	994	650	673	5,367
06/10	414	618	3,796	14,164	18,284	72,870	49	59	337	31	334	106	1,099	1,772	9,515
06/11	174	792	1,252	1,257	19,541	6,239	1	60	4	10	344	24	147	1,919	1,246
06/14	93	885	829	5,087	24,628	26,372	2	62	25	23	367	84	689	2,608	5,724
06/15	150	1,035	1,661	12,693	37,321	64,480	0	62	0	60	427	212	1,988	4,596	16,842
06/16	1	1,036	22	507	37,828	2,650	0	62	0	9	436	28	93	4,689	906
06/24	0	1,036	0	6	37,834	27	0	62	0	0	436	0	0	4,689	0
06/25	130	1,166	1,365	5,170	43,004	28,975	3	65	17	1,285	1,721	5,034	9,033	13,722	88,120
06/26	202	1,368	2,234	9,128	52,132	49,207	7	72	40	2,683	4,404	10,515	11,804	25,526	111,432
06/27	175	1,543	2,141	7,645	59,777	39,746	12	84	74	1,566	5,970	6,332	11,641	37,167	112,341
06/28	97	1,640	1,368	5,831	65,608	30,269	10	94	83	2,305	8,275	8,150	12,428	49,595	120,419
06/29	9	1,649	62	637	66,245	3,115	2	96	10	330	8,605	1,048	1,578	51,173	15,005
07/01	0	1,649	0	7	66,252	43	2	98	17	838	9,443	3,008	42	51,215	349
07/02	0	1,649	0	267	66,519	1,535	16	114	135	1,290	10,733	5,104	74	51,289	555
07/04	0	1,649	0	85	66,604	715	0	114	0	927	11,660	3,285	5	51,294	33
07/05	1	1,650	5	0	66,604	0	1	115	8	129	11,789	480	10	51,304	85
07/06	24	1,674	598	6,952	73,556	40,511	13	128	90	16,302	28,091	64,299	27,406	78,710	266,045
07/07	31	1,705	628	7,537	81,093	42,841	23	151	179	25,307	53,398	100,110	31,973	110,683	306,994
07/08	131	1,836	2,166	13,896	94,989	83,830	116	267	773	29,787	83,185	117,337	25,557	136,240	237,103
07/09	6	1,842	121	487	95,476	2,839	8	275	58	2,671	85,856	9,677	2,595	138,835	26,195
07/11	215	2,057	1,873	19,992	115,468	133,021	25	300	188	29,122	114,978	113,575	9,487	148,322	88,257
07/12	103	2,160	1,921	34,060	149,528	232,825	81	381	637	55,894	170,872	211,599	12,623	160,945	112,580
07/13	67	2,227	1,241	23,833	173,361	165,708	207	588	1,315	37,053	207,925	144,296	11,044	171,989	102,341
07/14	53	2,280	884	16,487	189,848	113,576	198	786	1,474	32,863	240,788	127,437	10,337	182,326	90,427
07/15	55	2,335	864	20,179	210,027	134,299	387	1,173	2,693	55,484	296,272	215,816	16,354	198,680	145,775
07/16	4	2,339	40	1,641	211,668	11,925	54	1,227	383	5,000	301,272	20,624	2,386	201,066	22,383
07/17	4	2,343	103	786	212,454	5,164	2	1,229	19	165	301,437	553	30	201,096	324
07/18	16	2,359	347	10,684	223,138	73,088	410	1,639	2,941	50,388	351,825	194,942	5,292	206,388	48,527
07/19	55	2,414	739	11,581	234,719	76,120	610	2,249	4,445	101,197	453,022	388,684	12,503	218,891	113,697
07/20	191	2,605	3,028	13,157	247,876	82,125	1,648	3,897	11,828	154,046	607,068	571,655	20,548	239,439	181,821
07/21	180	2,785	2,580	13,064	260,940	82,625	2,439	6,336	17,503	156,454	763,522	578,254	16,651	256,090	147,565
07/22	333	3,118	4,373	14,086	275,026	88,943	777	7,113	5,701	140,870	904,392	527,645	16,109	272,199	143,437
07/23	29	3,147	447	2,371	277,397	16,528	864	7,977	4,860	23,924	928,316	93,713	2,710	274,909	23,914
07/25	45	3,192	991	5,782	283,179	34,898	805	8,782	5,917	153,850	1,082,166	595,559	5,191	280,100	44,832
07/26	183	3,375	2,442	10,205	293,384	60,871	1,901	10,683	13,663	252,705	1,334,871	954,175	10,648	290,748	91,254
07/27	243	3,618	3,352	8,577	301,961	52,952	1,997	12,680	15,365	256,904	1,591,775	975,005	18,348	309,096	164,398
07/28	167	3,785	2,627	4,693	306,654	28,406	1,948	14,628	16,505	215,731	1,807,506	793,451	18,077	327,173	157,100
07/29	272	4,057	4,110	3,861	310,515	22,796	2,308	16,936	18,254	292,935	2,100,441	1,095,380	29,121	356,294	258,989
07/30	197	4,254	3,529	3,338	313,853	20,025	4,734	21,670	23,756	295,542	2,395,983	1,095,630	12,599	368,893	109,271
07/31	174	4,428	2,546	3,231	317,084	19,425	1,810	23,480	14,672	224,626	2,620,609	826,490	12,161	381,054	107,296
08/01	202	4,630	3,480	4,768	321,852	26,753	1,436	24,916	11,165	229,341	2,849,950	858,719	9,982	391,036	85,264
08/02	252	4,882	3,563	4,263	326,115	24,998	1,340	26,256	11,071	203,482	3,053,432	779,441	17,808	408,844	168,461
08/03	84	4,966	1,239	2,688	328,803	15,921	1,042	27,298	9,032	172,736	3,226,168	659,913	18,744	427,588	171,416
08/04	106	5,072	1,989	3,288	332,091	19,458	1,103	28,401	9,433	194,232	3,420,400	740,209	9,310	436,898	77,239
08/05	183	5,255	2,754	4,501	336,592	27,028	1,649	30,050	14,151	224,670	3,645,070	850,415	9,764	446,662	84,020
08/06	12	5,267	209	336	336,928	2,346	256	30,306	2,175	26,341	3,671,411	99,571	636	447,298	5,094
08/07	0	5,267	0	0	336,928	0	0	30,306	0	2,824	3,674,235	11,500	103	447,401	938
08/08	28	5,295	630	1,682	338,610	9,652	831	31,137	7,373	168,414	3,842,649	648,502	4,839	452,240	40,313

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Appendix C.2. (page 2 of 2)

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
08/09	161	5,456	2,824	3,570	342,180	20,713	3,403	34,540	29,548	415,155	4,257,804	1,584,540	9,605	461,845	80,513
08/10	155	5,611	2,884	3,087	345,267	18,177	3,420	37,960	29,471	395,463	4,653,267	1,517,403	10,371	472,216	90,210
08/11	119	5,730	2,096	3,391	348,658	20,227	2,698	40,658	22,854	304,929	4,958,196	1,157,560	10,200	482,416	84,534
08/12	54	5,784	851	3,941	352,599	22,707	2,199	42,857	19,208	279,090	5,237,286	1,067,081	9,102	491,518	74,204
08/13	85	5,869	1,489	3,521	356,120	20,422	2,831	45,688	25,590	267,627	5,504,913	1,037,657	5,838	497,356	47,973
08/14	41	5,910	737	4,075	360,195	23,831	1,783	47,471	16,456	162,057	5,666,970	633,002	3,454	500,810	26,792
08/15	58	5,968	950	4,772	364,967	27,246	4,231	51,702	38,264	271,976	5,938,946	1,063,664	5,477	506,287	45,057
08/16	27	5,995	522	2,478	367,445	14,663	2,823	54,525	25,291	179,614	6,118,560	704,742	4,335	510,622	36,796
08/17	26	6,021	404	3,721	371,166	21,828	4,174	58,699	37,450	204,094	6,322,654	796,082	6,004	516,626	49,419
08/18	45	6,066	804	2,869	374,035	17,213	5,645	64,344	49,856	182,910	6,505,564	709,447	5,375	522,001	43,987
08/19	37	6,103	591	2,566	376,601	15,092	4,570	68,914	41,327	146,560	6,652,124	574,878	4,257	526,258	33,860
08/20	24	6,127	397	2,109	378,710	12,448	2,955	71,869	27,376	118,673	6,770,797	464,334	2,734	528,992	21,628
08/21	1	6,128	20	53	378,763	262	225	72,094	1,702	8,833	6,779,630	33,680	89	529,081	763
08/22	0	6,128	0	0	378,763	0	5	72,099	45	173	6,779,803	725	2	529,083	15
08/23	14	6,142	219	2,490	381,253	14,305	3,023	75,122	27,495	80,236	6,860,039	319,686	1,457	530,540	11,333
08/24	26	6,168	336	2,454	383,707	14,171	3,131	78,253	27,870	71,788	6,931,827	287,264	2,044	532,584	15,510
08/25	5	6,173	55	1,945	385,652	11,342	1,672	79,925	15,467	31,232	6,963,059	124,595	1,673	534,257	13,233
08/26	1	6,174	25	97	385,749	651	497	80,422	4,455	11,717	6,974,776	45,015	67	534,324	556
08/30	3	6,177	85	2,061	387,810	12,219	759	81,181	7,111	6,615	6,981,391	25,533	415	534,739	3,171
08/31	12	6,189	176	4,056	391,866	23,276	2,051	83,232	18,768	21,386	7,002,777	84,902	520	535,259	4,102
09/01	4	6,193	50	5,709	397,575	33,051	2,443	85,675	22,511	16,226	7,019,003	63,358	281	535,540	2,192
09/02	0	6,193	0	148	397,723	608	850	86,525	6,688	2,363	7,021,366	10,264	139	535,679	880
09/06	0	6,193	0	1,026	398,749	6,212	921	87,446	8,493	445	7,021,811	1,729	35	535,714	278
09/07	6	6,199	80	2,034	400,783	11,781	1,250	88,696	11,807	1,303	7,023,114	4,675	66	535,780	440
09/08	4	6,203	54	3,048	403,831	17,159	1,258	89,954	12,682	3,975	7,027,089	14,406	269	536,049	1,835
09/09	3	6,206	52	1,236	405,067	7,134	331	90,285	3,068	1,044	7,028,133	3,987	46	536,095	289
09/10	3	6,209	29	1,095	406,162	6,019	443	90,728	3,826	804	7,028,937	3,048	110	536,205	982
09/11	1	6,210	12	1,814	407,976	10,607	878	91,606	8,576	580	7,029,517	2,231	24	536,229	168
09/12	1	6,211	27	2,289	410,265	12,984	878	92,484	8,899	150	7,029,667	544	68	536,297	609
09/13	1	6,212	22	1,261	411,526	6,985	268	92,752	2,679	116	7,029,783	417	8	536,305	50
09/14	0	6,212	0	1,826	413,352	9,986	333	93,085	3,396	116	7,029,899	432	83	536,388	520
09/15	0	6,212	0	382	413,734	2,045	193	93,278	2,085	28	7,029,927	94	13	536,401	113
09/16	0	6,212	0	1,594	415,328	8,155	201	93,479	1,866	114	7,030,041	410	34	536,435	234
09/17	0	6,212	0	615	415,943	3,539	179	93,658	1,689	46	7,030,087	167	5	536,440	31
09/18	0	6,212	0	273	416,216	1,398	265	93,923	2,652	6	7,030,093	22	3	536,443	21
09/20	0	6,212	0	416	416,632	2,253	113	94,036	903	3	7,030,096	13	2	536,445	16
09/21	0	6,212	0	486	417,118	2,666	27	94,063	219	4	7,030,100	16	4	536,449	29
09/22	0	6,212	0	131	417,249	715	1	94,064	10	0	7,030,100	0	0	536,449	0
09/23	0	6,212	0	83	417,332	470	182	94,246	1,450	0	7,030,100	0	0	536,449	0
09/25	0	6,212	0	58	417,390	301	131	94,377	1,151	0	7,030,100	0	0	536,449	0
09/29	0	6,212	0	740	418,130	2,877	465	94,842	4,193	0	7,030,100	0	5	536,454	40
09/30	0	6,212	0	0	418,130	0	158	95,000	1,433	0	7,030,100	0	0	536,454	0
Total	6,212		87,631	418,130		2,557,585	95,000		804,302	7,030,100		26,846,242	536,454		4,803,827
Average			14.1			6.1			8.5			3.8			9.0

Appendix C.3. Salmon catch numbers and poundage landed by species and day, SW Kodiak District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/09	181	181	3,248	21,369	21,369	102,630	3	3	27	8	8	15	116	116	1,130
06/10	733	914	14,128	35,989	57,358	174,872	0	3	0	26	34	67	1,103	1,219	10,082
06/11	89	1,003	1,506	3,815	61,173	18,292	0	3	0	0	34	0	82	1,301	812
06/14	373	1,376	7,929	10,045	71,218	47,240	0	3	0	11	45	37	449	1,750	3,878
06/15	1,069	2,445	21,134	40,022	111,240	186,252	0	3	0	51	96	128	1,527	3,277	14,688
06/16	107	2,552	2,081	6,127	117,367	28,046	0	3	0	2	98	4	165	3,442	1,590
06/17	4	2,556	89	300	117,667	1,377	0	3	0	0	98	0	1	3,443	7
06/25	254	2,810	1,669	11,299	128,966	52,888	4	7	27	536	634	1,622	1,791	5,234	13,288
06/26	131	2,941	2,155	15,701	144,667	73,517	2	9	18	403	1,037	1,363	1,898	7,132	16,449
06/27	146	3,087	2,058	20,499	165,166	98,246	1	10	9	1,309	2,346	3,884	1,901	9,033	17,426
06/28	127	3,214	1,407	24,052	189,218	114,951	2	12	11	1,373	3,719	4,116	1,748	10,781	16,140
06/29	130	3,344	991	4,119	193,337	19,737	0	12	0	368	4,087	1,177	909	11,690	7,980
07/04	0	3,344	0	1,173	194,510	7,774	0	12	0	345	4,432	1,241	96	11,786	1,479
07/06	11	3,355	291	9,766	204,276	51,496	1	13	6	323	4,755	1,194	763	12,549	7,160
07/07	42	3,397	665	12,680	216,956	68,486	8	21	44	920	5,675	3,445	2,213	14,762	21,033
07/08	31	3,428	533	14,357	231,313	76,093	7	28	52	799	6,474	2,752	1,613	16,375	14,644
07/09	13	3,441	148	985	232,298	6,055	0	28	0	55	6,529	279	338	16,713	3,012
07/11	9	3,450	96	4,720	237,018	25,440	0	28	0	107	6,636	327	145	16,858	1,265
07/12	27	3,477	392	13,036	250,054	77,198	6	34	51	684	7,320	2,591	584	17,442	5,408
07/13	27	3,504	548	19,006	269,060	116,149	4	38	26	5,411	12,731	20,155	1,334	18,776	10,712
07/14	12	3,516	165	25,122	294,182	155,550	38	76	307	11,782	24,513	43,593	1,638	20,414	14,401
07/15	48	3,564	633	27,466	321,648	164,009	24	100	158	13,151	37,664	48,014	1,020	21,434	8,953
07/16	1	3,565	36	2,739	324,387	15,183	4	104	38	550	38,214	1,830	54	21,488	430
07/18	38	3,603	464	12,341	336,728	73,281	22	126	195	3,016	41,230	10,715	321	21,809	3,002
07/19	44	3,647	757	29,785	366,513	182,005	61	187	471	10,338	51,568	36,389	1,367	23,176	11,933
07/20	53	3,700	645	11,167	377,680	62,152	23	210	192	2,022	53,590	7,149	249	23,425	2,151
07/21	3	3,703	81	2,657	380,337	17,120	8	218	59	10,253	63,843	38,057	346	23,771	3,418
07/22	1	3,704	4	1,000	381,337	7,338	3	221	25	11,688	75,531	44,757	218	23,989	2,048
07/25	30	3,734	520	13,362	394,699	74,282	93	314	800	25,549	101,080	96,815	347	24,336	3,250
07/26	55	3,789	849	16,868	411,567	91,899	159	473	1,466	67,939	169,019	256,059	741	25,077	6,619
07/27	15	3,804	471	8,321	419,888	43,638	78	551	678	33,995	203,014	126,383	632	25,709	5,299
07/28	47	3,851	923	12,635	432,523	68,496	249	800	1,767	72,744	275,758	275,942	1,584	27,293	13,113
07/29	18	3,869	267	528	433,051	3,797	9	809	113	8,620	284,378	28,283	535	27,828	5,765
08/02	0	3,869	0	16	433,067	140	0	809	0	800	285,178	3,190	7	27,835	70
08/14	4	3,873	124	3,434	436,501	18,709	130	939	1,084	11,525	296,703	42,073	24	27,859	219
08/15	14	3,887	296	13,472	449,973	70,255	1,358	2,297	10,261	47,005	343,708	171,262	285	28,144	2,385
08/16	17	3,904	155	10,893	460,866	54,646	1,755	4,052	12,366	46,860	390,568	170,797	302	28,446	2,536
08/17	5	3,909	111	6,996	467,862	40,116	993	5,045	8,797	24,875	415,443	95,335	125	28,571	952
08/25	0	3,909	0	0	467,862	0	21	5,066	148	0	415,443	0	0	28,571	0
08/29	0	3,909	0	20	467,882	70	336	5,402	3,532	26	415,469	90	0	28,571	0
08/30	0	3,909	0	1,817	469,699	10,008	2,691	8,093	27,134	791	416,260	2,929	8	28,579	56
08/31	2	3,911	43	2,226	471,925	11,845	2,003	10,096	18,773	957	417,217	3,320	109	28,688	1,012
09/01	2	3,913	38	4,835	476,760	25,942	3,424	13,520	35,096	1,304	418,521	5,174	18	28,706	154
09/02	0	3,913	0	396	477,156	2,076	281	13,801	2,853	108	418,629	418	3	28,709	18
09/03	0	3,913	0	100	477,256	431	917	14,718	9,528	79	418,708	354	0	28,709	0
09/04	0	3,913	0	163	477,419	793	1,990	16,708	20,550	147	418,855	502	1	28,710	10
09/05	0	3,913	0	230	477,649	1,181	877	17,585	7,945	76	418,931	257	0	28,710	0
09/06	0	3,913	0	485	478,134	2,356	163	17,748	1,645	65	418,996	223	0	28,710	0
09/07	0	3,913	0	2,575	480,709	13,845	889	18,637	9,082	247	419,243	865	14	28,724	112

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Appendix C.3. (page 2 of 2)

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
09/08	2	3,915	56	2,277	482,986	11,931	448	19,085	3,948	181	419,424	596	15	28,739	53
09/09	0	3,915	0	248	483,234	1,369	37	19,122	365	31	419,455	124	1	28,740	12
09/10	0	3,915	0	278	483,512	1,370	25	19,147	280	15	419,470	51	0	28,740	0
09/11	0	3,915	0	265	483,777	1,440	25	19,172	314	36	419,506	106	0	28,740	0
09/13	0	3,915	0	175	483,952	1,053	60	19,232	644	0	419,506	0	0	28,740	0
09/15	0	3,915	0	167	484,119	776	30	19,262	270	4	419,510	13	4	28,744	27
09/16	0	3,915	0	83	484,202	425	12	19,274	124	5	419,515	15	1	28,745	10
Total	3,915		67,706	484,202		2,576,266	19,274		181,279	419,515		1,556,077	28,745		256,191
Average			17.3			5.3			9.4			3.7			8.9

Appendix C.4. Salmon catch numbers and poundage by species and day, Alitak Bay District, 1988[a].

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/01	0	0	0	40	40	195	0	0	0	0	0	0	0	0	0
06/03	0	0	0	15	55	74	0	0	0	0	0	0	0	0	0
06/04	0	0	0	17	72	86	0	0	0	0	0	0	0	0	0
06/09	13	13	228	11,798	11,870	56,053	0	0	0	0	0	0	85	85	851
06/10	120	133	2,346	31,619	43,489	148,546	6	6	47	0	0	0	341	426	3,511
06/11	11	144	241	1,793	45,282	8,754	0	6	0	0	0	0	13	439	118
06/12	0	144	0	40	45,322	183	0	6	0	0	0	0	1	440	15
06/14	9	153	209	15,641	60,963	73,174	0	6	0	0	0	0	332	772	3,288
06/15	71	224	1,538	20,948	81,911	96,410	6	12	48	1	1	3	942	1,714	9,362
06/16	1	225	21	2,461	84,372	11,375	0	12	0	1	2	3	108	1,822	990
06/17	0	225	0	48	84,420	216	0	12	0	0	2	0	0	1,822	0
06/18	0	225	0	25	84,445	107	0	12	0	0	2	0	0	1,822	0
06/20	0	225	0	63	84,508	289	0	12	0	0	2	0	0	1,822	0
06/21	0	225	0	33	84,541	150	0	12	0	0	2	0	2	1,824	19
06/22	0	225	0	81	84,622	361	0	12	0	0	2	0	1	1,825	7
06/24	0	225	0	74	84,696	350	0	12	0	0	2	0	4	1,829	38
06/25	0	225	0	1,006	85,702	4,935	0	12	0	0	2	0	40	1,869	335
06/26	38	263	788	30,512	116,214	148,888	2	14	14	115	117	397	1,929	3,798	17,699
06/27	37	300	561	30,228	146,442	146,705	6	20	44	1	118	4	1,792	5,590	16,049
06/28	20	320	451	18,957	165,399	92,786	7	27	56	9	127	33	2,250	7,840	20,334
06/30	0	320	0	5	165,404	24	0	27	0	0	127	0	1	7,841	10
07/06	11	331	275	32,277	197,681	152,453	0	27	0	42	169	133	6,131	13,972	52,450
07/07	22	353	518	35,019	232,700	163,655	1	28	7	103	272	312	3,272	17,244	27,962
07/08	21	374	462	18,328	251,028	101,067	19	47	164	272	544	850	3,009	20,253	25,364
07/09	2	376	50	2,794	253,822	17,923	1	48	12	36	580	112	18	20,271	159
07/11	4	380	145	16,632	270,454	92,470	11	59	56	194	774	682	6,434	26,705	55,101
07/12	5	385	119	18,856	289,310	106,428	8	67	70	665	1,439	2,105	3,588	30,293	30,624
07/13	5	390	92	11,499	300,809	65,266	12	79	98	676	2,115	2,367	934	31,227	7,352
07/14	1	391	4	13,686	314,495	83,244	35	114	327	1,232	3,347	4,242	2,333	33,560	18,775
07/15	10	401	255	15,014	329,509	87,093	78	192	552	1,485	4,832	5,238	2,323	35,883	18,147
07/16	16	417	331	4,057	333,566	29,945	2	194	13	1,561	6,393	5,735	672	36,555	5,620
07/18	3	420	45	12,002	345,568	67,594	5	199	35	771	7,164	2,732	2,740	39,295	19,929
07/19	1	421	32	23,350	368,918	128,016	26	225	193	2,239	9,403	8,474	1,471	40,766	12,156
07/20	5	426	134	20,090	389,008	109,590	57	282	433	3,047	12,450	10,751	1,439	42,205	11,880
07/21	10	436	187	19,503	408,511	105,261	37	319	288	2,871	15,321	9,870	1,727	43,932	14,070
07/22	4	440	101	13,367	421,878	72,110	25	344	187	3,241	18,562	11,554	951	44,883	7,219
07/25	2	442	44	17,390	439,268	92,676	13	357	105	2,624	21,186	9,895	352	45,235	2,962
07/26	4	446	120	20,800	460,068	111,140	37	394	301	7,052	28,238	25,323	678	45,913	5,971
07/27	2	448	55	17,499	477,567	92,095	28	422	200	6,315	34,553	23,928	818	46,731	7,484
07/28	2	450	53	20,749	498,316	106,309	57	479	481	6,327	40,880	23,622	957	47,688	8,152
07/29	10	460	268	21,248	519,564	105,588	50	529	434	5,621	46,501	20,735	742	48,430	7,075
07/30	5	465	137	18,073	537,637	90,814	27	556	232	4,341	50,842	16,637	341	48,771	2,901
07/31	5	470	152	15,439	553,076	77,705	29	585	253	3,614	54,456	14,290	339	49,110	2,914
08/01	5	475	148	32,487	585,563	158,684	101	686	839	21,336	75,792	80,832	2,020	51,130	17,868
08/02	4	479	110	20,739	606,302	98,381	56	742	463	11,527	87,319	44,082	635	51,765	5,626
08/03	9	488	235	36,282	642,584	167,402	171	913	1,506	26,483	113,802	102,384	1,082	52,847	9,443
08/04	24	512	604	25,186	667,770	125,836	137	1,050	1,310	17,052	130,854	66,067	1,080	53,927	10,310
08/05	32	544	557	32,472	700,242	156,060	486	1,536	4,595	25,620	156,474	101,458	1,232	55,159	10,942
08/06	3	547	96	1,319	701,561	6,427	48	1,584	385	1,203	157,677	4,685	94	55,253	757

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Appendix C.4. (page 2 of 2)

Date	Chinook Number Daily	Chinook Number Cum	Chinook Pounds Daily	Sockeye Number Daily	Sockeye Number Cum	Sockeye Pounds Daily	Coho Number Daily	Coho Number Cum	Coho Pounds Daily	Pink Number Daily	Pink Number Cum	Pink Pounds Daily	Chum Number Daily	Chum Number Cum	Chum Pounds Daily
08/08	3	550	54	15,894	717,455	82,217	205	1,789	1,779	13,764	171,441	54,954	1,231	56,484	10,801
08/09	12	562	361	29,120	746,575	148,988	474	2,263	3,723	24,948	196,389	100,956	1,241	57,725	11,107
08/10	4	566	202	28,449	775,024	141,834	309	2,572	2,843	24,702	221,091	100,783	1,357	59,082	11,913
08/11	7	573	155	34,061	809,085	166,522	338	2,910	3,244	30,303	251,394	121,011	2,272	61,354	18,619
08/12	5	578	172	17,680	826,765	91,793	374	3,284	3,554	13,104	264,498	52,501	1,125	62,479	9,555
08/13	12	590	332	20,377	847,142	105,351	648	3,932	6,155	18,150	282,648	72,679	1,521	64,000	12,911
08/14	3	593	71	19,716	866,858	99,146	583	4,515	5,551	15,701	298,349	64,555	1,347	65,347	11,291
08/15	8	601	245	23,692	890,550	121,628	652	5,167	6,101	15,041	313,390	62,274	1,138	66,485	9,916
08/16	1	602	24	15,150	905,700	71,668	1,242	6,409	11,756	11,054	324,444	46,124	1,581	68,066	12,723
08/17	10	612	263	19,451	925,151	92,944	1,599	8,008	15,126	14,398	338,842	57,518	1,408	69,474	11,695
08/18	1	613	36	20,582	945,733	101,035	1,591	9,599	15,417	11,201	350,043	45,512	1,385	70,859	11,759
08/19	3	616	58	21,145	966,878	103,961	1,324	10,923	13,174	8,070	358,113	33,032	1,057	71,916	8,715
08/20	4	620	103	22,058	988,936	107,159	1,352	12,275	13,210	7,706	365,819	31,639	931	72,847	7,935
08/23	0	620	0	16,492	1,005,428	88,157	1,189	13,464	11,460	3,922	369,741	15,777	2,420	75,267	20,736
08/24	2	622	50	15,861	1,021,289	84,173	2,538	16,002	24,543	4,675	374,416	19,236	9,421	84,688	83,056
08/25	0	622	0	11,480	1,032,769	53,216	1,129	17,131	11,077	2,528	376,944	10,640	3,095	87,783	28,010
08/27	0	622	0	75	1,032,844	562	28	17,159	275	54	376,998	236	12	87,795	109
08/30	0	622	0	9,951	1,042,795	53,278	876	18,035	8,804	853	377,851	3,499	790	88,585	6,411
08/31	0	622	0	15,063	1,057,858	78,496	1,621	19,656	16,350	1,665	379,516	6,619	595	89,180	4,294
09/01	1	623	13	6,669	1,064,527	35,211	1,073	20,729	10,171	936	380,452	3,554	416	89,596	3,024
09/02	0	623	0	7,396	1,071,923	40,289	1,204	21,933	11,403	963	381,415	3,817	336	89,932	2,309
09/03	0	623	0	8,825	1,080,748	45,508	2,243	24,176	21,424	1,272	382,687	5,541	509	90,441	3,341
09/04	0	623	0	8,990	1,089,738	46,468	1,003	25,179	10,367	710	383,397	2,894	267	90,708	2,002
09/05	0	623	0	6,993	1,096,731	36,535	724	25,903	7,292	552	383,949	2,164	791	91,499	5,981
09/06	0	623	0	10,815	1,107,546	55,256	2,098	28,001	19,275	1,032	384,981	3,933	507	92,006	3,678
09/07	1	624	20	7,364	1,114,910	39,752	1,013	29,014	8,635	418	385,399	1,643	255	92,261	1,815
09/08	0	624	0	2,877	1,117,787	15,687	320	29,334	3,251	121	385,520	505	159	92,420	1,218
09/09	0	624	0	1,936	1,119,723	10,361	114	29,448	1,162	62	385,582	249	94	92,514	663
09/10	0	624	0	684	1,120,407	3,763	153	29,601	1,433	39	385,621	162	715	93,229	6,236
09/11	0	624	0	536	1,120,943	3,008	66	29,667	624	25	385,646	86	27	93,256	186
09/12	0	624	0	876	1,121,819	4,756	215	29,882	1,801	51	385,697	220	48	93,304	381
09/13	0	624	0	798	1,122,617	4,258	62	29,944	628	19	385,716	74	33	93,337	211
09/14	0	624	0	1,128	1,123,745	6,172	53	29,997	473	17	385,733	60	60	93,397	417
09/15	0	624	0	128	1,123,873	668	4	30,001	54	2	385,735	7	4	93,401	24
09/18	0	624	0	200	1,124,073	1,137	0	30,001	0	0	385,735	0	0	93,401	0
Total	624		13,871	1,124,073		5,701,850	30,001		285,883	385,735		1,523,989	93,401		794,881
Average			22.2			5.1			9.5			4.0			8.5

[a] Information contained within this table was prepared in 1991 and has since been further edited and updated. Therefor numbers within this table may differ from total catch numbers presented elsewhere.

Appendix C.5. Salmon catch numbers and poundage landed by species and day, Eastside Kodiak District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/25	1	1	3	253	253	1,293	0	0	0	5	5	19	28	28	205
06/26	3	4	48	475	728	2,861	0	0	0	0	5	0	2	30	34
06/27	36	40	781	711	1,439	4,470	0	0	0	0	5	0	11	41	133
06/28	3	43	10	503	1,942	2,864	5	5	24	35	40	159	174	215	1,801
07/06	76	119	958	1,775	3,717	10,913	1	6	7	133	173	528	721	936	7,125
07/07	109	228	1,675	5,656	9,373	35,814	4	10	34	377	550	1,421	3,439	4,375	32,940
07/08	112	340	1,579	3,104	12,477	18,959	20	30	143	312	862	1,202	2,938	7,313	27,427
07/09	40	380	453	700	13,177	4,388	0	30	0	80	942	384	401	7,714	3,747
07/11	106	486	1,516	1,727	14,904	11,034	6	36	47	372	1,314	1,446	2,050	9,764	20,730
07/12	79	565	1,330	10,909	25,813	66,880	459	495	3,154	2,829	4,143	9,807	7,713	17,477	65,777
07/13	104	669	1,583	13,212	39,025	84,983	1,321	1,816	8,944	6,388	10,531	23,055	9,950	27,427	78,803
07/14	238	907	3,439	6,782	45,807	44,407	2,840	4,656	19,130	6,277	16,808	21,738	7,925	35,352	69,219
07/15	180	1,087	2,907	12,382	58,189	90,448	692	5,348	4,502	4,084	20,892	14,223	4,110	39,462	36,345
07/16	0	1,087	0	519	58,708	3,346	213	5,561	1,622	396	21,288	1,819	606	40,068	4,227
07/18	71	1,158	912	777	59,485	4,643	4	5,565	35	460	21,748	1,819	2,719	42,787	26,739
07/19	72	1,230	1,307	834	60,319	5,246	108	5,673	934	1,321	23,069	4,786	7,146	49,933	68,577
07/20	5	1,235	77	958	61,277	5,460	73	5,746	536	2,413	25,482	8,662	3,987	53,920	33,273
07/21	28	1,263	570	850	62,127	4,621	48	5,794	372	4,177	29,659	15,127	5,324	59,244	47,863
07/22	128	1,391	1,743	1,372	63,499	8,230	44	5,838	325	8,799	38,458	33,009	13,327	72,571	128,048
07/23	20	1,411	435	536	64,035	3,256	0	5,838	0	653	39,111	2,210	982	73,553	8,543
07/25	45	1,456	497	532	64,567	2,856	23	5,861	184	12,825	51,936	47,314	4,263	77,816	39,282
07/26	41	1,497	456	989	65,556	5,182	35	5,896	276	21,085	73,021	76,017	6,252	84,068	54,543
07/27	10	1,507	131	768	66,324	4,033	45	5,941	379	20,638	93,659	76,616	4,644	88,712	41,529
07/28	5	1,512	139	548	66,872	2,753	49	5,990	348	20,957	114,616	77,767	5,951	94,663	54,055
07/29	7	1,519	140	829	67,701	4,332	462	6,452	3,353	36,169	150,785	136,786	7,473	102,136	64,969
07/30	0	1,519	0	391	68,092	2,007	443	6,895	3,178	26,487	177,272	101,541	6,124	108,260	56,383
07/31	6	1,525	84	395	68,487	2,128	46	6,941	384	25,514	202,786	96,153	6,051	114,311	53,874
08/01	2	1,527	70	276	68,763	1,613	90	7,031	785	105,302	308,088	373,271	4,153	118,464	38,067
08/02	12	1,539	190	364	69,127	2,012	79	7,110	590	89,285	397,373	332,342	4,877	123,341	42,843
08/03	8	1,547	124	483	69,610	2,372	125	7,235	1,161	90,285	487,658	346,242	5,211	128,552	48,828
08/04	17	1,564	419	437	70,047	2,201	110	7,345	926	104,638	592,296	402,086	8,247	136,799	74,043
08/05	15	1,579	411	1,155	71,202	4,925	69	7,414	603	43,201	635,497	166,315	7,739	144,538	68,459
08/06	0	1,579	0	13	71,215	72	5	7,419	24	7,465	642,962	27,981	410	144,948	3,852
08/08	10	1,589	216	296	71,511	1,469	202	7,621	1,673	60,821	703,783	239,801	8,297	153,245	69,938
08/09	6	1,595	178	337	71,848	1,846	217	7,838	1,750	54,521	758,304	210,956	6,391	159,636	54,781
08/10	5	1,600	119	557	72,405	3,182	495	8,333	4,317	59,407	817,711	233,823	4,479	164,115	38,324
08/11	10	1,610	240	672	73,077	3,418	641	8,974	5,192	79,869	897,580	304,338	3,805	167,920	31,458
08/12	2	1,612	54	243	73,320	1,346	467	9,441	4,377	170,086	1,067,666	642,790	4,734	172,654	40,744
08/13	5	1,617	140	506	73,826	2,798	1,150	10,591	9,445	140,092	1,207,758	528,511	7,417	180,071	62,638
08/14	3	1,620	36	271	74,097	1,478	721	11,312	6,509	78,150	1,285,908	297,766	6,352	186,423	55,280
08/15	3	1,623	65	428	74,525	2,512	1,103	12,415	9,768	106,816	1,392,724	400,794	5,019	191,442	43,365
08/16	1	1,624	42	268	74,793	1,479	1,430	13,845	13,452	44,151	1,436,875	166,922	4,034	195,476	32,736
08/17	1	1,625	17	225	75,018	1,211	2,036	15,881	18,682	31,899	1,468,774	123,591	3,948	199,424	30,559
08/18	6	1,631	136	266	75,284	1,519	1,828	17,709	16,883	31,122	1,499,896	121,766	2,774	202,198	22,170
08/19	0	1,631	0	87	75,371	445	800	18,509	7,812	10,351	1,510,247	42,106	3,504	205,702	28,820
08/20	0	1,631	0	25	75,396	145	551	19,060	5,507	5,147	1,515,394	20,165	996	206,698	8,155
08/21	0	1,631	0	0	75,396	0	19	19,079	163	5,450	1,520,844	20,719	1	206,699	7
08/23	2	1,633	47	9	75,405	90	755	19,834	7,371	3,348	1,524,192	13,448	5,942	212,641	48,473

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Appendix C.5. (page 2 of 2)

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
08/24	10	1,643	269	25	75,430	123	471	20,305	4,538	1,595	1,525,787	6,186	3,452	216,093	27,649
09/10	0	1,643	0	140	75,570	667	0	20,305	0	0	1,525,787	0	0	216,093	0
09/20	0	1,643	0	0	75,570	0	189	20,494	2,054	0	1,525,787	0	0	216,093	0
Total	1,643		25,546	75,570		474,330	20,494		171,493	1,525,787		5,775,527	216,093		1,897,380
Average			15.6			6.3			8.4			3.8			8.8

Appendix C.6. Salmon catch numbers and poundage landed by species and day, NE Kodiak District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
07/03	1	1	25	0	0	0	0	0	0	13	13	36	191	191	2,007
07/08	1	2	23	190	190	1,326	0	0	0	277	290	971	315	506	2,472
07/11	1	3	32	0	190	0	0	0	0	12	302	37	4	510	32
07/12	34	37	492	8	198	30	0	0	0	94	396	319	71	581	607
07/13	3	40	35	1	199	5	0	0	0	228	624	720	45	626	455
07/14	0	40	0	0	199	0	0	0	0	66	690	223	10	636	74
07/15	1	41	8	6	205	25	0	0	0	276	966	928	130	766	1,275
07/16	0	41	0	0	205	0	0	0	0	409	1,375	1,451	36	802	327
07/18	1	42	6	6	211	28	0	0	0	259	1,634	853	228	1,030	2,348
07/19	0	42	0	3	214	15	0	0	0	4,752	6,386	16,942	3,388	4,418	35,092
07/20	0	42	0	1	215	5	0	0	0	163	6,549	609	4	4,422	38
07/21	4	46	5	5	220	19	7	7	38	5,220	11,769	18,004	4,096	8,518	40,709
07/22	3	49	90	43	263	246	22	29	157	2,674	14,443	9,046	3,957	12,475	36,598
07/23	0	49	0	0	263	0	0	29	0	350	14,793	980	152	12,627	1,451
07/25	0	49	0	0	263	0	0	29	0	314	15,107	976	130	12,757	1,194
07/26	4	53	42	3	266	14	0	29	0	1,465	16,572	4,070	893	13,650	4,113
07/27	0	53	0	52	318	405	10	39	144	4,089	20,661	14,364	681	14,331	6,217
07/28	1	54	32	5	323	31	0	39	0	6,373	27,034	20,752	562	14,893	4,529
07/29	2	56	27	3	326	19	1	40	10	4,502	31,536	16,112	1,638	16,531	16,368
07/30	12	68	272	10	336	85	2	42	12	10,889	42,425	40,371	291	16,822	2,443
07/31	1	69	10	1	337	2	1	43	5	5,239	47,664	19,163	305	17,127	2,524
08/01	4	73	132	0	337	0	0	43	0	4,584	52,248	16,597	1,453	18,580	14,022
08/02	4	77	57	0	337	0	5	48	31	13,144	65,392	47,597	2,940	21,520	29,458
08/03	22	99	533	26	363	161	1	49	10	22,684	88,076	86,071	3,224	24,744	32,459
08/04	5	104	121	5	368	13	7	56	63	16,349	104,425	60,873	2,516	27,260	25,939
08/05	2	106	33	11	379	48	29	85	236	31,169	135,594	120,365	3,911	31,171	39,288
08/06	0	106	0	0	379	0	55	140	501	4,823	140,417	18,663	551	31,722	5,261
08/08	0	106	0	4	383	15	14	154	123	38,925	179,342	153,093	2,837	34,559	27,147
08/09	3	109	85	12	395	51	56	210	415	47,416	226,758	177,430	8,609	43,168	68,144
08/10	2	111	33	14	409	64	58	268	530	41,478	268,236	154,486	5,907	49,075	56,031
08/11	9	120	75	22	431	111	75	343	568	25,467	293,703	97,468	3,796	52,871	35,974
08/12	0	120	0	14	445	80	204	547	1,727	33,124	326,827	125,369	2,101	54,972	19,194
08/13	2	122	46	17	462	62	174	721	1,574	36,233	363,060	136,880	3,392	58,364	31,016
08/14	2	124	12	11	473	42	357	1,078	2,893	15,563	378,623	56,564	820	59,184	7,209
08/15	0	124	0	4	477	18	108	1,186	826	24,698	403,321	91,266	1,301	60,485	11,412
08/16	1	125	42	0	477	0	164	1,350	1,563	6,704	410,025	25,967	1,122	61,607	9,916
08/17	0	125	0	0	477	0	47	1,397	411	1,195	411,220	4,529	185	61,792	1,955
08/18	1	126	12	0	477	0	165	1,562	1,376	3,064	414,284	10,765	3,995	65,787	35,936
08/19	0	126	0	0	477	0	145	1,707	1,381	891	415,175	3,453	1,534	67,321	13,503
08/20	2	128	12	2	479	15	225	1,932	1,942	2,105	417,280	7,909	1,565	68,886	13,353
08/21	0	128	0	18	497	122	201	2,133	1,423	1,238	418,518	4,684	474	69,360	4,245
08/23	0	128	0	2	499	14	109	2,242	1,258	107	418,625	406	251	69,611	2,555
08/24	2	130	57	0	499	0	455	2,697	3,904	403	419,028	1,463	1,908	71,519	16,800
08/25	0	130	0	0	499	0	2	2,699	24	185	419,213	675	8	71,527	81
08/30	0	130	0	0	499	0	13	2,712	112	0	419,213	0	12	71,539	102
08/31	5	135	83	1	500	5	355	3,067	3,719	28	419,241	151	82	71,621	635
09/07	0	135	0	0	500	0	0	3,067	0	3	419,244	8	7	71,628	58
09/13	0	135	0	0	500	0	68	3,135	663	1	419,245	3	1	71,629	7
09/15	0	135	0	230	730	1,128	92	3,227	816	0	419,245	0	50	71,679	371

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Appendix C.6. (page 2 of 2)

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
09/18	0	135	0	0	730	0	134	3,361	1,664	0	419,245	0	0	71,679	0
09/19	0	135	0	0	730	0	142	3,503	1,670	0	419,245	0	0	71,679	0
09/20	0	135	0	0	730	0	287	3,790	3,321	0	419,245	0	0	71,679	0
09/21	0	135	0	0	730	0	138	3,928	1,437	0	419,245	0	0	71,679	0
09/22	0	135	0	0	730	0	40	3,968	429	0	419,245	0	0	71,679	0
09/23	0	135	0	1	731	5	131	4,099	1,420	0	419,245	0	1	71,680	7
09/30	0	135	0	0	731	0	30	4,129	330	0	419,245	0	0	71,680	0
Total	135		2,432	731		4,209	4,129		38,726	419,245		1,569,662	71,680		662,951
Average			18.0			5.8			9.4			3.7			9.3

Appendix C.7. Salmon catch numbers and poundage landed by species and day, Mainland District, 1988.

	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
06/14	1	1	12	452	452	1,651	0	0	0	0	0	0	22	22	218
06/15	0	1	0	1,150	1,602	4,151	0	0	0	0	0	0	0	22	0
06/25	0	1	0	600	2,202	2,175	0	0	0	0	0	0	25	47	248
06/26	136	137	1,287	2,499	4,701	11,475	0	0	0	0	0	0	949	996	9,366
06/27	31	168	283	936	5,637	5,075	0	0	0	24	24	70	281	1,277	3,169
06/28	0	168	0	130	5,767	573	2	2	12	17	41	57	84	1,361	906
06/29	23	191	165	626	6,393	3,509	1	3	6	28	69	94	383	1,744	3,855
07/06	17	208	218	2,545	8,938	15,995	9	12	61	211	280	685	766	2,510	7,066
07/07	106	314	492	4,097	13,035	23,661	15	27	132	375	655	1,302	3,384	5,894	33,005
07/08	159	473	1,534	22,325	35,360	155,415	3	30	24	1,061	1,716	4,135	7,006	12,900	68,991
07/09	332	805	3,565	31,267	66,627	199,334	43	73	294	2,928	4,644	11,716	13,649	26,549	124,231
07/11	210	1,015	1,563	23,122	89,749	169,958	148	221	1,047	1,723	6,367	6,133	7,558	34,107	68,891
07/12	1,829	2,844	11,171	29,039	118,788	209,097	165	386	1,094	2,100	8,467	7,656	14,840	48,947	142,829
07/13	1,642	4,486	11,469	32,613	151,401	241,358	180	566	1,324	2,732	11,199	9,519	8,895	57,842	82,621
07/14	62	4,548	417	3,826	155,227	28,218	46	612	354	704	11,903	2,868	1,654	59,496	15,298
07/15	0	4,548	0	261	155,488	1,700	8	620	56	50	11,953	190	110	59,606	1,045
07/16	109	4,657	1,297	3,057	158,545	22,876	69	689	546	1,135	13,088	4,167	2,088	61,694	17,990
07/18	8	4,665	117	805	159,350	5,737	22	711	155	319	13,407	1,228	1,411	63,105	15,335
07/19	133	4,798	985	38,569	197,919	276,971	627	1,338	4,472	5,066	18,473	18,332	5,337	68,442	47,604
07/20	140	4,938	1,062	30,121	228,040	212,323	463	1,801	3,550	8,444	26,917	29,150	8,666	77,108	79,666
07/21	10	4,948	92	6,094	234,134	41,446	104	1,905	786	1,425	28,342	5,053	1,268	78,376	12,527
07/24	85	5,033	1,114	5,354	239,488	32,471	1,594	3,499	10,883	28,571	56,913	106,518	5,670	84,046	49,613
07/25	612	5,645	4,107	15,879	255,367	100,741	2,377	5,876	17,079	82,941	139,854	319,172	18,191	102,237	161,841
07/26	686	6,331	6,964	17,806	273,173	104,253	2,795	8,671	20,604	61,234	201,088	232,259	38,336	140,573	319,289
07/27	415	6,746	3,740	14,167	287,340	92,104	2,579	11,250	19,286	64,046	265,134	240,572	17,089	157,662	145,477
07/28	3	6,749	60	676	288,016	4,091	276	11,526	2,152	2,412	267,546	8,920	750	158,412	6,848
08/01	11	6,760	225	391	288,407	2,765	97	11,623	810	34,732	302,278	121,538	14,985	173,397	137,443
08/02	189	6,949	2,853	1,357	289,764	8,128	810	12,433	6,170	96,502	398,780	354,271	28,519	201,916	249,083
08/03	121	7,070	2,335	620	290,384	3,810	556	12,989	4,158	145,800	544,580	541,512	18,420	220,336	176,878
08/04	80	7,150	931	1,122	291,506	6,429	1,031	14,020	7,750	132,595	677,175	487,909	12,223	232,559	108,781
08/05	41	7,191	513	845	292,351	4,652	1,442	15,462	11,024	157,611	834,786	584,311	11,361	243,920	100,917
08/06	0	7,191	0	2	292,353	14	7	15,469	59	2,810	837,596	10,556	190	244,110	1,793
08/08	13	7,204	282	392	292,745	2,317	1,394	16,863	10,663	52,479	890,075	204,175	22,699	266,809	209,331
08/09	46	7,250	645	464	293,209	2,802	2,254	19,117	16,274	128,814	1,018,889	492,857	19,332	286,141	177,838
08/10	27	7,277	433	1,972	295,181	10,040	6,528	25,645	49,499	159,107	1,177,996	607,065	14,961	301,102	136,820
08/11	67	7,344	535	412	295,593	2,480	2,489	28,134	20,236	93,237	1,271,233	348,489	7,047	308,149	62,295
08/12	92	7,436	886	516	296,109	3,283	1,862	29,996	15,057	97,064	1,368,297	369,680	4,711	312,860	40,923
08/13	45	7,481	576	669	296,778	4,027	4,865	34,861	36,692	75,692	1,443,989	289,492	3,245	316,105	28,639
08/14	64	7,545	802	776	297,554	4,299	3,846	38,707	28,143	67,732	1,511,721	256,834	2,074	318,179	19,107
08/15	14	7,559	195	448	298,002	2,673	1,754	40,461	13,592	32,360	1,544,081	120,371	12,614	330,793	115,731
08/16	0	7,559	0	31	298,033	192	210	40,671	1,888	2,139	1,546,220	8,467	4,557	335,350	38,781
08/17	9	7,568	178	144	298,177	910	894	41,565	7,274	8,503	1,554,723	31,736	1,552	336,902	14,472
08/18	23	7,591	326	553	298,730	3,288	5,665	47,230	46,827	38,239	1,592,962	145,992	3,217	340,119	28,454
08/19	7	7,598	89	129	298,859	739	771	48,001	6,618	9,170	1,602,132	35,335	471	340,590	4,217
08/20	0	7,598	0	107	298,966	675	1,229	49,230	9,347	21,443	1,623,575	82,269	6,087	346,677	52,417
08/21	1	7,599	10	18	298,984	101	201	49,431	1,835	945	1,624,520	3,695	41	346,718	284
08/22	0	7,599	0	1	298,985	4	0	49,431	0	89	1,624,609	354	861	347,579	7,179
08/23	0	7,599	0	6	298,991	39	890	50,321	8,194	85,223	1,709,832	353,552	20,119	367,698	164,707
08/24	3	7,602	61	7	298,998	40	3,173	53,494	22,772	22,840	1,732,672	93,639	20,436	388,134	175,665

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	Chinook			Sockeye			Coho			Pink			Chum		
	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds	Number		Pounds
Date	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily	Daily	Cum	Daily
08/25	0	7,602	0	10	299,008	50	336	53,830	2,597	14,185	1,746,857	51,887	2,566	390,700	22,101
08/26	0	7,602	0	0	299,008	0	5	53,835	60	1,395	1,748,252	5,035	1,376	392,076	9,388
08/30	0	7,602	0	0	299,008	0	75	53,910	715	3	1,748,255	9	53	392,129	445
08/31	0	7,602	0	0	299,008	0	90	54,000	857	2	1,748,257	8	10	392,139	53
09/01	0	7,602	0	4	299,012	25	280	54,280	2,974	97	1,748,354	385	13	392,152	125
09/02	0	7,602	0	0	299,012	0	346	54,626	3,804	10	1,748,364	30	2	392,154	18
09/08	0	7,602	0	0	299,012	0	90	54,716	982	0	1,748,364	0	0	392,154	0
09/10	0	7,602	0	2	299,014	20	48	54,764	500	56	1,748,420	226	0	392,154	0
Total	7,602		63,589	299,014		2,030,160	54,764		421,288	1,748,420		6,611,475	392,154		3,501,814
Average			8.4			6.8			7.7			3.8			8.9

Appendix D.1. Estimated age composition of Uganik and Viekoda Bay sockeye catch by statistical week, 1988.

Statistical Week	Sample Size		Ages														
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
24	504	Percent	0.2	0.0	0.4	7.9	2.0	0.0	34.7	23.2	0.4	1.0	22.0	5.8	0.4	2.0	100.0
		Numbers	18	0	37	738	184	0	3,227	2,158	37	92	2,047	535	37	184	9,295
25-26	452	Percent	0.0	0.0	0.7	2.7	0.4	0.0	28.1	38.9	0.0	0.4	21.7	6.2	0.0	0.9	100.0
		Numbers	0	0	60	241	40	0	2,551	3,535	0	40	1,968	562	0	80	9,078
27	546	Percent	0.2	0.2	0.9	5.3	0.4	0.0	53.1	11.5	0.0	0.4	26.0	1.5	0.0	0.6	100.0
		Numbers	7	7	35	203	14	0	2,027	440	0	14	992	56	0	21	3,816
28	392	Percent	0.8	0.0	1.0	8.7	0.0	0.0	37.8	22.4	0.0	0.3	27.5	0.8	0.0	0.8	100.0
		Numbers	94	0	125	1,062	0	0	4,624	2,749	0	31	3,374	94	0	94	12,247
29	522	Percent	2.9	0.0	4.4	11.1	0.2	0.2	39.8	18.4	0.0	0.6	20.3	0.8	0.0	1.3	100.0
		Numbers	1,785	0	2,736	6,900	119	119	24,746	11,421	0	357	12,611	476	0	833	62,103
30-31	393	Percent	1.5	0.0	2.3	10.2	0.3	0.0	39.2	23.4	0.0	1.3	19.1	1.8	0.3	0.8	100.0
		Numbers	955	0	1,433	6,368	159	0	24,517	14,646	0	796	11,940	1,114	159	478	62,566
32	421	Percent	6.4	0.0	4.5	4.0	0.5	0.0	11.4	49.6	0.0	0.5	16.6	5.9	0.0	0.5	100.0
		Numbers	485	0	341	305	36	0	862	3,754	0	36	1,257	449	0	36	7,562
33	334	Percent	5.1	0.0	2.4	2.7	0.0	0.0	2.7	68.3	0.3	0.0	6.9	10.8	0.0	0.9	100.0
		Numbers	438	0	206	232	0	0	232	5,872	26	0	592	927	0	77	8,602
34	537	Percent	2.2	0.0	1.5	1.5	0.2	0.0	3.0	72.3	0.6	0.2	6.0	12.7	0.0	0.0	100.0
		Numbers	203	0	135	135	17	0	270	6,548	51	17	540	1,148	0	0	9,062
35	515	Percent	0.8	0.2	1.5	1.4	0.2	0.2	0.8	70.3	0.0	0.0	2.5	22.0	0.0	0.2	99.9
		Numbers	14	3	27	24	3	3	14	1,235	0	0	44	386	0	3	1,757
36-38	485	Percent	0.4	0.0	0.0	0.8	1.7	0.0	0.2	64.3	0.8	0.0	3.7	27.4	0.0	0.6	100.0
		Numbers	28	0	0	56	112	0	14	4,363	56	0	252	1,860	0	42	6,783
Total	5,101	Percent	2.1	0.0	2.7	8.4	0.4	0.1	32.7	29.4	0.1	0.7	18.5	3.9	0.1	1.0	100.0
		Numbers	4,027	10	5,135	16,264	684	122	63,084	56,721	170	1,383	35,617	7,607	196	1,848	192,871

Appendix D.2. Estimated age composition of Uyak Bay sockeye catch by statistical week, 1988.

Statistical Week	Sample Size		Ages													
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
24-25	401	Percent	0.0	0.0	0.0	1.2	0.0	24.2	38.7	0.0	1.0	28.9	4.7	0.0	1.2	100.0
		Numbers	0	0	0	186	0	3,611	5,771	0	149	4,319	707	0	186	14,929
26-27	412	Percent	0.2	0.0	1.2	10.7	1.0	29.1	39.3	0.2	0.2	14.8	2.2	0.2	0.7	100.0
		Numbers	36	0	180	1,581	144	4,312	5,822	36	36	2,192	323	36	108	14,806
28	473	Percent	0.8	0.0	2.5	4.9	0.2	30.7	39.3	0.0	0.2	19.2	1.5	0.0	0.6	100.0
		Numbers	85	0	255	488	21	3,075	3,945	0	21	1,930	148	0	64	10,032
29	540	Percent	5.7	0.4	5.4	8.0	2.8	34.1	31.1	0.0	0.2	9.8	2.4	0.0	0.2	100.0
		Numbers	2,777	179	2,598	3,852	1,344	16,485	15,051	0	90	4,748	1,165	0	90	48,379
30	413	Percent	6.1	0.0	6.3	9.9	0.5	30.8	31.7	0.2	0.7	12.8	1.0	0.0	0.0	100.0
		Numbers	876	0	911	1,436	70	4,448	4,588	35	105	1,856	140	0	0	14,464
31	523	Percent	8.4	0.0	5.5	6.9	0.2	13.6	47.6	0.0	0.0	15.3	2.5	0.0	0.0	100.0
		Numbers	857	0	565	702	19	1,384	4,852	0	0	1,559	253	0	0	10,192
32	489	Percent	8.6	0.0	9.0	5.3	0.2	8.4	55.4	0.0	0.6	9.2	3.1	0.0	0.2	100.0
		Numbers	1,161	0	1,217	719	28	1,134	7,494	0	83	1,244	415	0	28	13,522
33	477	Percent	5.0	0.2	7.8	2.9	0.4	4.6	58.5	0.2	0.2	6.5	13.4	0.0	0.2	100.0
		Numbers	474	20	731	277	40	435	5,512	20	20	612	1,264	0	20	9,423
34-39	516	Percent	5.6	0.0	6.8	2.5	0.4	4.3	64.5	0.0	0.2	3.3	12.4	0.0	0.0	100.0
		Numbers	2,419	0	2,920	1,085	167	1,835	27,781	0	83	1,418	5,339	0	0	43,048
Total	4,244	Percent	4.9	0.1	5.2	5.8	1.0	20.5	45.2	0.1	0.3	11.1	5.5	0.0	0.3	100.0
		Numbers	8,685	199	9,377	10,326	1,833	36,719	80,816	91	587	19,878	9,754	36	496	178,795

Appendix D.3. Age composition of Halibut Bay sockeye catch by statistical week, 1988.

Statistical Week	Sample Size		Ages									
			0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	Total
25-28	532	Percent	1.3	1.9	7.3	0.6	37.6	41.2	0.2	9.6	0.4	100.0
		Numbers	1,061	1,516	5,911	455	30,312	33,192	152	7,730	303	80,631
29	523	Percent	1.9	3.2	3.4	1.0	63.9	12.2	0.4	14.0	0.0	100.0
		Numbers	1,016	1,727	1,829	508	33,939	6,503	203	7,418	0	53,144
30-38	532	Percent	6.6	9.0	7.9	0.2	38.0	26.1	0.0	11.5	0.8	100.0
		Numbers	5,677	7,785	6,812	162	32,762	22,544	0	9,893	649	86,284
Total	1,587	Percent	3.5	5.0	6.6	0.5	44.1	28.3	0.2	11.4	0.4	100.0
		Numbers	7,754	11,028	14,552	1,125	97,013	62,239	355	25,041	952	220,059

Appendix D.4. Estimated age composition of Inner and Outer Ayakulik sockeye catch by statistical week, 1988.[a]

Statistical Week	Sample Size		Ages									
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
24	540	Percent	0.6	0.7	0.2	11.3	2.8	13.3	61.8	8.7	0.7	100.0
		Numbers	339	449	124	6,870	1,686	8,128	37,684	5,289	446	61,015
25	550	Percent	0.5	0.4	1.6	8.5	1.7	12.4	69.0	5.9	0.0	100.0
		Numbers	306	211	887	4,741	939	6,941	38,625	3,315	15	55,979
27	0	Percent	0.4	0.4	1.6	8.2	1.6	12.5	69.4	5.9	0.0	100.0
		Numbers	1	1	4	21	4	32	177	15	0	255
28	0	Percent	0.6	0.3	1.7	8.4	1.7	12.4	69.3	5.9	0.0	100.2
		Numbers	7	4	20	100	20	148	829	70	0	1,196
29	0	Percent	0.5	0.3	1.6	8.4	1.6	12.4	69.3	5.8	0.0	100.0
		Numbers	11	7	33	171	33	253	1,417	119	0	2,045
30	0	Percent	0.5	0.4	1.6	8.3	1.6	12.3	69.3	5.8	0.0	99.9
		Numbers	7	5	21	108	21	160	898	75	0	1,296
31	0	Percent	0.5	0.4	1.6	8.4	1.6	12.4	69.3	5.8	0.0	100.0
		Numbers	45	30	134	685	134	1,012	5,670	476	0	8,185
36	0	Percent	0.5	0.4	1.6	8.4	1.6	12.4	69.2	5.8	0.0	100.0
		Numbers	6	4	18	92	18	136	761	64	0	1,099
37	0	Percent	0.5	0.4	1.7	8.4	1.7	12.3	69.3	5.8	0.0	100.1
		Numbers	6	4	19	95	19	140	786	66	0	1,134
Total	1,090	Percent	0.6	0.5	1.0	9.7	2.2	12.8	65.7	7.2	0.3	100.0
		Numbers	728	715	1,260	12,883	2,874	16,950	86,847	9,489	461	132,204

[a] Percent age composition was derived using catch numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When catch occured prior to the first or after the last sample, calculations were based on the adjacent scale sample.

Appendix D.5. Estimated age composition of Cape Alitak sockeye catch by statistical week, 1988.[a]

Statistical Week	Sample Size		Ages											
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	Total
24	537	Percent	0.6	0.0	0.7	5.9	0.0	18.5	64.5	0.0	0.0	9.7	0.0	100.0
		Numbers	72	0	97	767	4	2,404	8,396	0	0	1,267	0	13,007
25	521	Percent	0.3	0.0	0.9	11.3	1.3	20.5	53.4	0.0	0.0	12.3	0.0	100.0
		Numbers	33	0	120	1,469	165	2,658	6,926	0	0	1,597	0	12,968
27	549	Percent	0.2	0.2	1.0	4.5	3.9	9.7	77.3	0.0	0.0	2.9	0.3	100.0
		Numbers	52	35	209	941	807	2,031	16,124	2	0	600	71	20,871
28	525	Percent	2.4	0.0	3.3	6.2	2.2	18.8	63.6	0.2	0.0	3.2	0.0	100.0
		Numbers	751	1	1,027	1,945	679	5,870	19,823	53	0	991	8	31,148
29	525	Percent	13.2	0.0	7.1	7.8	1.1	39.7	26.3	0.0	0.0	4.4	0.2	100.0
		Numbers	5,214	17	2,780	3,070	453	15,663	10,353	2	17	1,744	90	39,404
30	534	Percent	29.4	0.2	14.0	9.4	2.6	12.8	27.9	0.0	0.2	3.3	0.3	100.0
		Numbers	13,905	72	6,612	4,434	1,208	6,057	13,207	0	88	1,575	144	47,302
31	529	Percent	36.4	0.0	8.2	19.4	1.3	10.6	22.1	0.0	0.1	1.9	0.0	100.0
		Numbers	16,102	1	3,631	8,606	586	4,685	9,787	0	60	827	3	44,289
32	521	Percent	58.5	0.0	7.2	10.1	0.7	3.9	18.6	0.0	0.0	0.8	0.1	100.0
		Numbers	50,091	40	6,182	8,654	627	3,302	15,965	0	8	721	61	85,652
33	536	Percent	70.3	0.3	5.4	5.2	0.2	0.6	16.6	0.0	0.0	0.8	0.5	100.0
		Numbers	37,066	171	2,851	2,725	129	305	8,770	0	0	417	274	52,710
34	517	Percent	42.4	0.1	7.6	11.6	0.3	1.9	33.6	0.0	0.0	1.6	1.0	100.0
		Numbers	30,061	50	5,359	8,219	206	1,364	23,822	0	0	1,108	701	70,889
35	483	Percent	33.2	0.2	4.8	10.1	0.0	2.4	46.2	0.0	0.0	1.3	1.8	100.0
		Numbers	4,618	26	661	1,398	2	333	6,428	1	1	186	251	13,905
36	449	Percent	35.0	0.0	5.1	5.6	0.0	0.9	48.6	0.2	0.2	2.9	1.6	100.0
		Numbers	5,911	0	866	941	0	151	8,208	38	38	489	264	16,905
37	0	Percent	35.0	0.0	5.1	5.6	0.0	0.9	48.6	0.2	0.2	2.9	1.6	100.0
		Numbers	8,504	0	1,246	1,354	0	217	11,808	54	54	704	379	24,321

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Statistical Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	Total
38	0	Percent	34.9	0.0	5.0	5.4	0.0	0.8	48.4	0.4	0.4	2.7	1.6	99.6
		Numbers	90	0	13	14	0	2	125	1	1	7	4	258
Total	6,226	Percent	36.4	0.1	6.7	9.4	1.0	9.5	33.7	0.0	0.1	2.6	0.5	100.0
		Numbers	172,470	413	31,654	44,537	4,866	45,042	159,742	151	267	12,233	2,250	473,629

[a] Percent age composition was derived using catch numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When catch occured prior to the first or after the last sample, calculations were based on the adjacent scale sample.

Appendix D.6. Estimated age composition of Moser-Olga Bay Section sockeye catch by statistical week, 1988.[a]

Statistical Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	Total
23	0	Percent	0.0	0.0	1.4	2.8	0.0	15.3	69.4	0.0	0.0	11.1	0.0	0.0	100.0
		Numbers	0	0	1	2	0	11	50	0	0	8	0	0	72
24	0	Percent	0.1	0.0	1.2	2.3	0.1	15.1	70.0	0.0	0.0	10.9	0.3	0.0	100.0
		Numbers	30	0	394	727	30	4,844	22,403	0	0	3,482	91	0	32,000
25	1,057	Percent	0.1	0.0	1.4	2.3	0.1	15.0	69.9	0.0	0.0	10.9	0.3	0.0	100.0
		Numbers	25	0	368	603	24	3,893	18,099	0	0	2,821	72	0	25,906
26	0	Percent	0.2	0.0	5.1	3.5	0.0	12.9	67.1	0.0	0.0	11.1	0.2	0.0	100.0
		Numbers	2	0	64	44	0	162	843	0	0	139	3	0	1,257
27	558	Percent	0.2	0.0	5.8	3.7	0.0	12.3	66.7	0.0	0.0	10.9	0.2	0.0	100.0
		Numbers	112	0	2,994	1,907	25	6,335	34,251	0	0	5,603	96	0	51,323
28	557	Percent	2.5	0.0	1.2	3.8	2.2	7.0	80.9	0.0	0.0	2.1	0.4	0.0	100.0
		Numbers	1,412	0	698	2,160	1,233	3,973	45,829	0	3	1,165	203	0	56,677
29	514	Percent	10.6	0.0	4.6	4.8	0.8	9.7	66.6	0.0	0.2	2.2	0.5	0.0	100.0
		Numbers	4,187	0	1,831	1,905	311	3,846	26,415	0	61	889	203	5	39,653
30	577	Percent	28.1	0.0	15.6	4.0	0.1	9.2	40.3	0.0	0.0	2.6	0.0	0.1	100.0
		Numbers	10,403	0	5,775	1,475	30	3,415	14,926	11	14	950	8	52	37,058
31	543	Percent	28.8	0.0	21.0	3.4	0.2	8.8	34.7	0.1	0.1	2.7	0.1	0.0	100.0
		Numbers	19,843	0	14,478	2,309	168	6,078	23,940	84	84	1,871	45	0	68,901
32	518	Percent	36.5	0.0	23.2	3.1	0.0	4.5	30.9	0.0	0.0	1.4	0.3	0.0	100.0
		Numbers	27,669	26	17,559	2,386	31	3,430	23,412	2	2	1,057	195	0	75,770
33	535	Percent	44.6	0.2	11.2	5.0	0.2	3.1	34.4	0.0	0.0	0.8	0.5	0.0	100.0
		Numbers	27,878	95	7,017	3,119	106	1,951	21,519	0	0	528	340	0	62,553
34	538	Percent	26.7	0.0	11.4	6.5	0.2	4.9	47.5	0.0	0.0	2.0	0.7	0.0	100.0
		Numbers	15,177	26	6,458	3,677	98	2,767	26,962	0	0	1,156	421	0	56,741
35	524	Percent	13.6	0.0	8.0	8.2	0.0	3.9	62.9	0.0	0.0	1.9	1.6	0.0	100.0
		Numbers	3,023	0	1,771	1,817	0	871	14,006	0	0	428	356	0	22,272
36	427	Percent	12.6	0.0	6.6	1.6	0.0	2.3	70.7	0.0	0.0	3.0	3.0	0.0	100.0
		Numbers	3,178	0	1,648	412	0	588	17,771	0	0	765	765	0	25,127

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Statistical Week	Sample Size		Ages 0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	Total
37	0	Percent	12.6	0.0	6.6	1.6	0.0	2.3	70.7	0.0	0.0	3.0	3.0	0.0	100.0
		Numbers	1,930	0	1,001	250	0	357	10,793	0	0	465	465	0	15,261
38	0	Percent	12.7	0.0	6.5	1.7	0.0	2.3	70.7	0.0	0.0	3.1	3.1	0.0	100.0
		Numbers	406	0	210	53	0	75	2,269	0	0	98	98	0	3,208
39	0	Percent	12.5	0.0	6.5	1.5	0.0	2.5	70.5	0.0	0.0	3.0	3.0	0.0	99.5
		Numbers	25	0	13	3	0	5	141	0	0	6	6	0	200
Total	6,348	Percent	20.1	0.0	10.9	4.0	0.4	7.4	52.9	0.0	0.0	3.7	0.6	0.0	100.0
		Numbers	115,300	147	62,280	22,849	2,056	42,601	303,629	97	164	21,431	3,367	57	573,979

[a] Percent age composition was derived using catch numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When catch occured prior to the first or after the last sample, calculations were based on the adjacent scale sample.

Appendix D.7. Estimated age composition of Cape Igvak sockeye catch sample, statistical week 31, 1988.[a]

Statistical Week	Sample Size		Ages						
			0.3	1.2	2.1	1.3	2.2	2.3	Total
31	396	Percent	0.5	15.2	0.5	37.1	15.2	31.6	100.0
Total	396	Percent	0.5	15.2	0.5	37.1	15.2	31.6	100.0

[a] Catch numbers were not stratified by age class for this area owing to the few scale samples collected relative to the commercial harvest.

Appendix E.1. Sockeye salmon escapement counted through weirs, in numbers of fish and cumulative percent by day, Kodiak Management Area, 1988.

Date	Karluk		Red River		Frazer		Upper Station		Afognak		Pauls Bay		Thorsheim		Saltery		Buskin		Akalura		Perenosa	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
09-May																	2	0				
10-May																	0	0				
11-May																	3	0				
12-May																	0	0				
13-May																	0	0				
14-May																	1	0				
15-May																	4	0				
16-May																	0	0				
17-May																	0	0				
18-May																	0	0				
19-May																	0	0				
20-May									0	0							0	0				
21-May							0	0	0	0							1	0	1	0		
22-May							1	0	13	0							0	0	0	0		
23-May							5	0	1	0							0	0	0	0		
24-May							55	0	4	0							1	0	0	0		
25-May	0	0	0	0			0	0	8	0							17	0	0	0		
26-May	53	0	0	0			44	0	38	0							7	0	0	0		
27-May	397	0	85	0			33	0	2	0							31	1	1	0		
28-May	41	0	694	0			2	0	40	0							23	1	1	0		
29-May	117	0	873	1			10	0	4	0							9	1	0	0		
30-May	135	0	1,658	1			77	0	11	0	0	0					1	1	20	0		
31-May	8	0	2,988	2			101	0	88	1	0	0					1	1	22	0		
01-Jun	5	0	1,673	3			33	0	302	1	0	0					0	1	1	0		
02-Jun	47	0	534	3			70	0	288	2	0	0	0	0			1	1	156	1		
03-Jun	304	0	2,230	4			26	0	1,319	5	65	0	0	0			134	2	264	1		
04-Jun	544	0	10,697	7			147	0	1,337	9	114	1	0	0			65	2	23	1		
05-Jun	12,654	2	4,831	9			1,459	1	896	11	18	1	68	2			185	4	116	2		
06-Jun	30,000	8	4,866	11			620	1	1,549	15	962	5	216	7			169	5	702	3		
07-Jun	23,000	12	1,415	11			2,940	2	1,058	18	4	5	157	10			14	6	3	3		
08-Jun	7,561	13	6,161	13			5,535	4	400	19	0	5	48	12			150	7	356	4		
09-Jun	4,061	14	748	14			1,020	4	1,320	22	52	5	603	26			61	7	255	5		
10-Jun	4,751	14	3,062	15			2,605	5	439	23	0	5	97	28			10	7	124	5		
11-Jun	2,512	15	764	15			94	5	1,673	28	308	7	19	29			19	7	112	6		
12-Jun	3,416	15	2,049	16			1,069	5	1,850	32	33	7	0	29			0	7	24	6		
13-Jun	16,191	18	4,781	17			2,700	6	882	35	347	8	2	29			22	8	182	6		
14-Jun	13,555	21	2,438	18			5,603	8	919	37	1,112	13	0	29			88	8	358	7		
15-Jun	2,702	21	385	18			1,637	8	485	38	183	14	32	29			18	9	77	7		
16-Jun	8,125	22	350	18			762	9	463	39	0	14	23	30	0	0	503	13	64	7		
17-Jun	11,758	25	773	19			491	9	2,568	46	1,677	21	46	31	47	0	2,493	33	42	8		
18-Jun	10,422	26	149	19			1,297	9	596	48	938	26	128	34	62	0	138	34	18	8		
19-Jun	10,234	28	6,792	21			1,752	10	395	49	1,645	33	217	39	23	1	89	35	319	8		
20-Jun	18,424	31	227	21	8	0	2,297	11	253	49	1,519	39	186	44	114	1	84	36	34	8		
21-Jun	12,521	33	12,858	25	11	0	210	11	950	52	1,951	48	41	45	117	1	364	39	72	9		
22-Jun	10,458	35	11,221	29	4	0	2,117	11	577	53	26	48	61	46	56	2	216	41	65	9		
23-Jun	12,243	37	1,941	30	1	0	1,714	12	386	54	242	49	0	46	69	2	180	42	86	9		
24-Jun	7,188	39	4,942	32	8	0	5,247	14	389	55	1,538	56	0	46	50	2	77	43	300	10		
25-Jun	11,682	41	3,150	33	1,110	0	4,243	15	730	57	1,025	60	45	47	341	3	69	43	148	10		
26-Jun	5,152	42	856	33	2,427	1	3,577	16	518	58	56	61	66	49	76	4	314	46	19	10		
27-Jun	4,528	42	7,321	35	5,397	4	181	16	1,005	61	23	61	7	49	207	5	186	47	90	11		
28-Jun	2,476	43	5,348	37	4,589	5	390	16	424	62	407	62	25	49	930	8	8	47	34	11		

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Appendix E.1. (page 2 of 3)

Date	Karluk		Red River		Frazer		Upper Station		Afognak		Pauls Bay		Thorsheim		Saltery		Buskin		Akalura		Perenosa	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
29-Jun	2,517	43	3,530	39	4,211	7	288	16	135	62	2,455	73	12	50	691	11	187	49	17	11		
30-Jun	3,923	44	3,940	40	10,771	12	468	17	181	63	941	77	0	50	166	11	1	49	2	11		
01-Jul	2,756	44	4,966	42	13,209	17	383	17	299	64	443	79	633	65	105	12	10	49	15	11		
02-Jul	5,714	45	5,929	44	15,805	23	122	17	122	64	357	81	0	65	969	16	4	49	23	11		
03-Jul	1,691	46	109	44	10,096	27	516	17	834	66	133	81	61	66	349	17	40	49	0	11		
04-Jul	1,160	46	179	44	13,719	33	273	17	330	67	40	82	95	68	277	18	10	49	35	11		
05-Jul	2,057	46	201	44	9,148	37	505	17	88	67	48	82	97	71	745	21	4	50	0	11		
06-Jul	3,993	47	3,426	45	3,631	38	1,479	18	91	67	96	82	7	71	1,720	28	1,255	60	0	11		
07-Jul	2,909	47	9,522	48	5,557	40	601	18	359	68	392	84	460	82	573	30	77	60	2	11		
08-Jul	1,133	48	12,256	52	23,161	50	222	18	552	70	35	84	143	85	606	32	7	61	0	11		
09-Jul	731	48	8,167	55	19,334	58	531	18	175	70	1,438	90	253	91	214	33	25	61	13	11		
10-Jul	1,174	48	75	55	10,722	62	186	18	48	70	46	91	181	96	124	34	44	61	0	11		
11-Jul	742	48	362	55	30,599	74	135	18	11	70	737	94	175	100	590	36	99	62	0	11		
12-Jul	560	48	319	55	5,229	77	245	18	0	70	476	96	13	100	1,325	41	96	63	0	11		
13-Jul	2,328	48	1,987	56	6,155	79	97	18	0	70	41	96	0	100	265	42	1,331	74	23	11		
14-Jul	1,790	49	18,466	62	2,385	80	428	18	304	71	66	96	0	100	857	45	4	74	0	11		
15-Jul	1,416	49	9,092	66	11,101	84	73	19	160	71	80	97	0	100	288	47	24	74	0	11		
16-Jul	3,311	50	4,470	67	2,104	85	8	19	281	72	12	97	0	100	251	48	31	74	0	11		
17-Jul	1,131	50	271	67	5,473	88	68	19	63	72	3	97	0	100	255	49	31	74	0	11		
18-Jul	1,858	50	318	67	1,567	88	315	19	29	72	0	97	0	100	615	51	10	75	2	11		
19-Jul	3,035	51	85	67	3,248	89	317	19	0	72	4	97	0	100	1,273	56	1,237	85	0	11		
20-Jul	2,423	51	4,735	69	2,438	90	316	19	504	74	3	97	0	100	1,125	60	140	86	2	11		
21-Jul	893	51	11,949	73	7,283	93	1,173	19	71	74	0	97	0	100	264	61	15	86	15	11		
22-Jul	992	51	972	73	1,073	94	841	19	110	74	50	97	0	100	247	62	17	86	17	11		
23-Jul	1,416	52	5,800	75	1,814	95	190	20	135	74	169	98	0	100	321	64	11	86	0	11		
24-Jul	906	52	155	75	881	95	965	20	805	77	113	98	0	100	325	65	10	86	0	11		
25-Jul	1,344	52	11,152	79	1,024	95	132	20	248	77	17	98	0	100	387	66	50	87	0	11		
26-Jul	1,792	52	6,414	81	945	96	1,233	20	88	77	11	98	0	100	91	67	120	88	0	11		
27-Jul	139	52	451	82	675	96	271	20	102	78	0	98	0	100	564	69	65	88	0	11		
28-Jul	87	52	933	82	1,902	97	7,602	23	0	78	1	98	0	100	1,521	75	43	89	7	11		
29-Jul	513	52	928	82	2,269	98	11,158	27	242	78	7	99	0	100	1,194	79	764	95	286	12		
30-Jul	124	52	2,533	83	1,464	98	11,149	30	92	79	15	99	0	100	51	80	23	95	1	12		
31-Jul	786	53	1,917	84	435	98	8,121	33	0	79	0	99	0	100	94	80	11	95	0	12		
01-Aug	3,524	53	3,070	85	141	99	10,030	36	188	79	1	99	0	100	132	81	37	95	0	12		
02-Aug	242	53	1,385	85	235	99	2,358	37	88	79	24	99	0	100	105	81	49	96	4	12		
03-Aug	15,563	56	5,184	87	51	99	6,245	39	24	79	4	99	0	100	183	82	46	96	0	12		
04-Aug	9,163	58	2,105	88	275	99	5,615	41	187	80	7	99	0	100	59	82	58	97	0	12		
05-Aug	12,056	60	1,570	88	231	99	5,673	43	207	80	5	99	0	100	107	82	14	97	0	12		
06-Aug	3,486	60	10,728	92	86	99	5,401	44	204	81	2	99	0	100	110	83	38	97	0	12		
07-Aug	4,299	61	1,502	93	134	99	3,122	45	430	82	91	99	0	100	337	84	54	98	472	13	0	0
08-Aug	2,355	61	924	93	532	99	4,005	47	421	83	30	99	0	100	222	85	19	98	12	13	0	0
09-Aug	3,373	62	1,152	93	547	99	7,099	49	90	83	0	99	0	100	75	85	14	98	0	13	0	0
10-Aug	9,015	64	785	94	329	100	10,414	52	315	84	0	99	0	100	67	85	22	98	0	13	8	31
11-Aug	5,512	64	1,357	94	276	100	16,390	58	154	84	2	99	0	100	50	86	6	98	0	13	0	31
12-Aug	7,188	66	2,525	95	310	100	12,271	62	195	85	6	99	0	100	118	86	15	98	4	13	8	62
13-Aug	3,589	66	1,619	95	227	100	11,409	65	177	85	0	99	0	100	622	89	11	98	112	13	0	62
14-Aug	2,433	67	3,067	96	211	100	6,527	68	39	86	1	99	0	100	55	89	2	98	1,470	17	0	62
15-Aug	6,071	68	2,292	97	107	100	3,274	69	28	86	0	99	0	100	40	89	7	98	508	18	1	65
16-Aug	5,779	69	405	97	29	100	5,026	70	13	86	0	99	0	100	43	89	16	99	1,780	23	0	65
17-Aug	5,467	70	567	98	0	100	3,502	71	757	88	3	99	0	100	664	92	130	100	5,344	37	3	77
18-Aug	3,826	70	665	98	0	100	2,184	72	1,299	91	21	99	0	100	133	92	9	100	70	37	1	81
19-Aug	4,104	71	385	98	0	100	1,370	73	257	92	0	99	0	100	23	92	4	100	86	37	3	92
20-Aug	2,965	72	557	98	0	100	3,618	74	523	93	57	100	0	100	57	93	5	100	15	37	0	92

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Appendix E.1. (page 3 of 3)

Date	Karluk		Red River		Frazer		Upper Station		Afognak		Pauls Bay		Thorsheim		Saltery		Buskin		Akalura		Perenosa	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
21-Aug	3,153	72	406	98		100	4,104	75	2,208	99	31	100		100	44	93	17	100	193	38	0	92
22-Aug	1,766	72	292	98		100	3,944	76	177	99	13	100		100	55	93	6	100	136	38	2	100
23-Aug	16,285	75	930	99		100	6,624	79	114	99	5	100		100	22	93	0	100	178	39	0	100
24-Aug	3,519	76	631	99		100	5,251	80	61	99	7	100		100	29	93	2	100	462	40	0	100
25-Aug	5,573	77	677	99		100	6,385	82	191	100	9	100		100	405	95	0	100	1,664	44	0	100
26-Aug	5,978	78	199	99		100	3,035	83	10	100	1	100		100	377	96	5	100	1,021	47	0	100
27-Aug	547	78	225	99		100	3,109	84	1	100	0	100		100	93	97	0	100	57	47	0	100
28-Aug	589	78	596	99		100	1,695	85	6	100	0	100		100	479	98	0	100	848	49	0	100
29-Aug	326	78	404	100		100	8,266	88	2	100	0	100		100	60	99	0	100	881	51	0	100
30-Aug	236	78	416	100		100	15,792	93	1	100	0	100		100	34	99	1	100	63	52	0	100
31-Aug	181	78	337	100		100	5,137	94	0	100	0	100		100	27	99	1	100	373	53	0	100
01-Sep	293	78	152	100		100	3,857	96	0	100	0	100		100	18	99	1	100	283	53	0	100
02-Sep	232	78	96	100		100	2,076	96	1	100	0	100		100	37	99	0	100	2,383	59	0	100
03-Sep	328	78	100	100		100	748	97	0	100		100		100	114	100	0	100	3,427	68	0	100
04-Sep	2,404	79		100		100	2,567	97	0	100		100		100	16	100	1	100	54	68	0	100
05-Sep	37,692	85		100		100	1,382	98	1	100		100		100	9	100	0	100	51	69		100
06-Sep	33,058	91		100		100	724	98	4	100		100		100	17	100	0	100	152	69		100
07-Sep	22,581	95		100		100	741	98	0	100		100		100	5	100	0	100	864	71		100
08-Sep	14,040	97		100		100	328	98		100		100		100	8	100	0	100	1,884	76		100
09-Sep	177	97		100		100	127	99		100		100		100	8	100	0	100	10	76		100
10-Sep	2,500	98		100		100	2,349	99		100		100		100	23	100	0	100	1,200	79		100
11-Sep	2,500	98		100		100	1,011	100		100		100		100	38	100	0	100	6,217	95		100
12-Sep	2,500	99		100		100	1,200	100		100		100		100		100	0	100	1,055	98		100
13-Sep	2,500	99		100		100		100		100		100		100		100	0	100	51	98		100
14-Sep	2,500	100		100		100		100		100		100		100		100	0	100	42	98		100
15-Sep	2,500	100		100		100		100		100		100		100		100	0	100	18	98		100
16-Sep	239	100		100		100		100		100		100		100		100	0	100	40	98		100
17-Sep		100		100		100		100		100		100		100		100	0	100	90	99		100
18-Sep		100		100		100		100		100		100		100		100	0	100	15	99		100
19-Sep		100		100		100		100		100		100		100		100	0	100	250	99		100
20-Sep		100		100		100		100		100		100		100		100	0	100	30	99		100
21-Sep		100		100		100		100		100		100		100		100	0	100	25	100		100
22-Sep		100		100		100		100		100		100		100		100	0	100	25	100		100
23-Sep		100		100		100		100		100		100		100		100	0	100	150	100		100
24-Sep		100		100		100		100		100		100		100		100	0	100		100		100
25-Sep		100		100		100		100		100		100		100		100		100		100		100
26-Sep		100		100		100		100		100		100		100		100		100		100		100
27-Sep		100		100		100		100		100		100		100		100		100		100		100
28-Sep		100		100		100		100		100		100		100		100		100		100		100
29-Sep		100		100		100		100		100		100		100		100		100		100		100
30-Sep		100		100		100		100		100		100		100		100		100		100		100
Total	578,816		291,774		246,704		306,560		39,012		22,794		4,217		25,654		12,144		38,618		26	

Appendix E.2. Coho salmon escapement counted through weirs, in numbers of fish and cumulative percent by day, Kodiak Management Area, 1988.

Date	Karluk		Red River		Dog Salmon		Upper Station		Afognak		Pauls Bay		Saltery		Buskin		Akalura		Peranosa	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
20-Jul	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
21-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22-Jul	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
23-Jul	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24-Jul	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
25-Jul	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28-Jul	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
29-Jul	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0		
30-Jul	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
31-Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
01-Aug	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0		
02-Aug	0	0	1	0	0	0	0	0	2	0	5	0	0	0	0	0	0	0		
03-Aug	1	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0		
04-Aug	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05-Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
06-Aug	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-Aug	0	0	6	0	0	0	1	0	7	0	26	1	0	0	1	0	0	0	0	0
08-Aug	0	0	0	0	0	0	9	0	8	0	13	1	0	0	2	0	0	0	1	0
09-Aug	0	0	53	0	0	0	5	0	2	0	1	1	0	0	1	0	0	0	0	0
10-Aug	2	0	42	1	0	0	4	0	30	1	0	1	0	0	1	0	0	0	14	1
11-Aug	0	0	106	1	3	0	2	1	11	1	0	1	0	0	1	0	0	0	0	1
12-Aug	5	0	86	2	9	0	3	1	33	1	0	1	0	0	2	0	0	0	19	1
13-Aug	4	0	99	2	5	1	1	1	38	2	0	1	0	0	6	0	0	0	8	2
14-Aug	4	0	304	4	3	1	3	1	1	2	0	1	1	0	3	0	0	0	0	2
15-Aug	3	0	219	5	1	1	1	1	2	2	0	1	0	0	0	0	0	0	0	2
16-Aug	5	0	197	6	0	1	4	1	1	2	0	1	1	0	6	0	1	0	46	4
17-Aug	13	0	299	7	2	1	5	1	358	5	0	1	14	0	34	1	18	0	390	20
18-Aug	7	0	761	11	0	1	3	1	236	8	69	2	3	0	12	1	0	0	75	23
19-Aug	5	0	417	13	9	1	3	1	55	8	29	3	2	0	20	1	2	0	276	35
20-Aug	2	0	550	16	4	1	6	1	215	10	589	13	2	0	20	2	0	0	60	38
21-Aug	15	1	445	19	61	3	32	2	1,295	24	1,344	37	7	1	85	3	11	1	199	46
22-Aug	4	1	223	20	26	3	122	5	178	25	538	47	12	1	25	3	44	1	222	56
23-Aug	13	1	452	22	50	5	279	13	171	27	135	49	7	1	10	3	42	2	0	56
24-Aug	5	1	808	26	3	5	166	17	314	30	652	61	5	1	13	4	33	2	0	56
25-Aug	15	1	3,005	42	531	20	203	22	3,525	67	805	76	121	4	53	4	124	4	235	66
26-Aug	17	1	858	46	137	24	73	24	456	71	485	84	58	5	352	10	40	5	200	74
27-Aug	8	1	1,039	51	25	25	131	28	162	73	86	86	41	6	460	16	177	8	56	77
28-Aug	20	1	1,932	61	274	32	54	29	1,216	85	173	89	218	10	500	24	153	11	178	84
29-Aug	29	2	1,596	69	7	32	424	40	130	87	338	95	202	15	650	33	203	14	32	85
30-Aug	65	2	1,518	77	41	34	545	55	150	88	20	95	95	17	1,000	48	68	15	68	88
31-Aug	31	2	1,256	84	198	39	148	58	66	89	135	98	87	19	391	54	187	18	4	88
01-Sep	22	2	1,080	89	25	40	73	60	15	89	30	98	111	21	139	56	383	24	0	88
02-Sep	11	3	1,104	95	357	50	116	63	27	89	17	99	241	26	326	61	3,218	77	34	90

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Appendix E.2. (page 2 of 2)

Date	Karluk #	Karluk %	Red River #	Red River %	Dog Salmon #	Dog Salmon %	Upper Station #	Upper Station %	Afognak #	Afognak %	Pauls Bay #	Pauls Bay %	Saltery #	Saltery %	Buskin #	Buskin %	Akalura #	Akalura %	Peranosa #	Peranosa %
03-Sep	17	3	1,000	100	74	52	39	64	12	89	73	100	617	39	115	62	171	80	37	92
04-Sep	62	3		100	23	53	144	68	4	89	0	100	257	45	67	63	0	80	200	100
05-Sep	110	4		100	15	53	243	75	14	90		100	184	49	66	64	0	80		100
06-Sep	122	5		100	37	54	125	78	11	90		100	262	54	67	65	125	82		100
07-Sep	127	6		100	244	61	70	80	10	90		100	34	55	122	67	82	83		100
08-Sep	216	8		100	70	63	28	80	0	90		100	64	56	20	67	100	85		100
09-Sep	8	8		100	0	63	17	81	1,000	100		100	50	57	51	68	0	85		100
10-Sep	167	9		100	8	63	119	84		100		100	144	60	133	70	250	89		100
11-Sep	166	11		100	1,300	100	112	87		100		100	362	68	229	74	406	95		100
12-Sep	167	12		100		100	500	100		100		100	1,500	100	174	76	10	96		100
13-Sep	166	14		100		100		100		100		100		100	145	78	5	96		100
14-Sep	167	15		100		100		100		100		100		100	82	79	1	96		100
15-Sep	167	16		100		100		100		100		100		100	40	80	1	96		100
16-Sep	110	17		100		100		100		100		100		100	21	80	1	96		100
17-Sep	10,000	100		100		100		100		100		100		100	28	81	4	96		100
18-Sep		100		100		100		100		100		100		100	14	81	0	96		100
19-Sep		100		100		100		100		100		100		100	155	83	80	97		100
20-Sep		100		100		100		100		100		100		100	41	84	15	97		100
21-Sep		100		100		100		100		100		100		100	39	84	5	97		100
22-Sep		100		100		100		100		100		100		100	23	85	5	98		100
23-Sep		100		100		100		100		100		100		100	80	86	150	100		100
24-Sep		100		100		100		100		100		100		100	954	100		100		100
25-Sep		100		100		100		100		100		100		100		100		100		100
26-Sep		100		100		100		100		100		100		100		100		100		100
27-Sep		100		100		100		100		100		100		100		100		100		100
28-Sep		100		100		100		100		100		100		100		100		100		100
29-Sep		100		100		100		100		100		100		100		100		100		100
30-Sep		100		100		100		100		100		100		100		100		100		100
Total	12,083		19,476		3,543		3,813		9,772		5,563		4,702		6,782		6,115		2,354	

Appendix E.3. Pink salmon escapement counted through weirs, in numbers of fish and cumulative percent by day, Kodiak Management Area, 1988.

	Weirs																			
	Karluk		Red River		Dog Salmon		Upper Station		Afognak		Pauls Bay		Saltery		Buskin		Akalura		Perenosa	
Date	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
24-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
25-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jun	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-Jun	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
29-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01-Jul	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-Jul	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03-Jul	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04-Jul	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
05-Jul	1	0	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
06-Jul	3	0	15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
07-Jul	7	0	54	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
08-Jul	10	0	59	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
09-Jul	32	0	51	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	0
10-Jul	7	0	3	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0
11-Jul	10	0	4	0	0	0	0	0	0	0	0	0	20	0	3	0	0	0	0	0
12-Jul	7	0	26	0	0	0	0	0	0	0	0	0	13	1	3	0	0	0	0	0
13-Jul	61	0	21	0	0	0	0	0	0	0	0	0	7	1	16	0	0	0	0	0
14-Jul	153	0	137	0	0	0	0	0	0	0	0	0	9	1	2	0	0	0	0	0
15-Jul	174	0	85	0	0	0	0	0	0	0	0	0	8	1	19	0	0	0	0	0
16-Jul	209	0	86	0	0	0	0	0	0	0	0	0	8	1	16	0	0	0	0	0
17-Jul	130	0	7	0	0	0	0	0	0	0	0	0	17	1	29	0	0	0	0	0
18-Jul	222	0	19	0	0	0	0	0	0	0	0	0	60	2	3	0	0	0	0	0
19-Jul	362	0	38	0	0	0	0	0	0	0	0	0	36	2	68	0	0	0	0	0
20-Jul	116	0	351	0	0	0	0	0	0	0	0	0	29	3	47	0	0	0	0	0
21-Jul	28	0	139	0	0	0	0	0	1	0	0	0	10	3	100	0	0	0	0	0
22-Jul	40	0	94	0	0	0	0	0	0	0	0	0	9	3	247	0	0	0	0	0
23-Jul	50	0	536	0	0	0	0	0	0	0	0	0	3	3	233	0	0	0	0	0
24-Jul	215	0	151	0	0	0	0	0	1	0	0	0	7	3	315	1	0	0	0	0
25-Jul	491	0	4,513	2	0	0	0	0	0	0	0	0	12	3	644	1	0	0	0	0
26-Jul	348	0	1,284	2	0	0	0	0	0	0	0	0	16	4	785	1	0	0	0	0
27-Jul	23	0	330	2	3	0	0	0	0	0	0	0	34	4	955	2	0	0	0	0
28-Jul	20	0	730	2	3	0	1	0	0	0	0	0	127	6	1,189	2	0	0	0	0
29-Jul	177	0	1,918	3	0	0	1	0	1	0	0	0	84	7	3,459	4	0	0	0	0
30-Jul	41	0	6,722	4	1	0	0	0	0	0	0	0	15	7	3,344	6	0	0	0	0
31-Jul	245	0	4,408	5	0	0	0	0	0	0	0	0	21	7	5,956	9	0	0	0	0
01-Aug	640	1	3,305	6	0	0	0	0	12	0	0	0	25	8	6,190	12	0	0	0	0
02-Aug	191	1	478	6	0	0	0	0	5	0	9	2	22	8	11,061	17	2	0	0	0
03-Aug	5,074	1	17,547	11	0	0	1	0	0	0	0	2	26	8	11,938	23	0	0	0	0
04-Aug	2,416	2	13,601	14	0	0	0	0	8	0	0	2	19	8	15,513	31	0	0	0	0
05-Aug	4,794	2	5,525	16	3	0	0	0	3	0	0	2	34	9	10,183	36	0	0	0	0
06-Aug	2,248	3	57,009	30	5	0	1	0	74	0	0	2	43	9	10,741	41	0	0	0	0
07-Aug	12,529	4	19,634	35	8	0	1	1	129	0	0	2	106	11	20,936	51	2	0	0	0
08-Aug	18,093	7	8,034	37	0	0	1	1	551	1	0	2	39	11	9,330	56	0	0	3	0
09-Aug	5,685	8	25,981	44	21	0	5	1	110	1	0	2	40	12	16,595	64	0	0	0	0
10-Aug	17,385	10	13,873	47	17	0	1	1	812	1	0	2	46	13	13,714	71	0	0	43	0
11-Aug	33,667	15	32,928	55	1,175	2	3	2	333	1	0	2	74	13	7,981	74	0	0	0	0

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Appendix E.3. (page 2 of 2)

Date	Weirs																			
	Karluk		Red River		Dog Salmon		Upper Station		Afognak		Pauls Bay		Saltery		Buskin		Akalura		Perenosa	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
12-Aug	80,228	26	23,270	61	4,426	10	1	2	565	2	0	2	105	15	5,825	77	0	0	70	0
13-Aug	27,123	30	20,280	66	1,523	12	2	2	378	2	0	2	138	17	4,553	80	3	0	15	0
14-Aug	12,561	32	33,461	75	1,852	15	3	2	136	2	0	2	69	18	3,857	81	3	0	0	0
15-Aug	29,902	36	24,706	81	902	17	0	2	141	2	0	2	52	18	3,074	83	17	0	61	0
16-Aug	40,437	42	4,090	82	44	17	4	3	127	2	0	2	110	20	4,472	85	342	1	288	1
17-Aug	54,071	49	5,996	83	63	17	6	3	8,393	8	0	2	1,233	36	9,132	90	1,173	6	4,836	9
18-Aug	36,802	54	7,310	85	72	17	6	4	2,140	9	2	3	162	38	2,271	91	47	6	7,294	22
19-Aug	26,254	58	5,377	87	1,627	20	3	4	316	10	0	3	34	38	977	91	97	6	10,369	41
20-Aug	26,293	62	5,191	88	323	20	11	6	884	10	23	8	25	39	2,311	92	1	6	405	41
21-Aug	28,858	66	3,290	89	1,353	23	6	6	11,153	18	40	17	118	40	2,870	94	78	6	5,504	51
22-Aug	13,505	68	1,904	89	2,167	26	5	7	3,545	20	74	34	109	42	491	94	517	8	5,670	61
23-Aug	27,533	72	5,064	90	769	27	20	9	1,635	21	15	38	99	43	776	94	127	9	435	62
24-Aug	4,355	72	2,406	91	204	28	15	11	417	22	36	46	78	44	713	95	152	9	0	62
25-Aug	24,626	76	8,560	93	6,535	39	83	20	47,541	54	62	60	1,050	58	1,172	95	2,277	17	2,129	66
26-Aug	36,975	81	7,566	95	1,814	42	8	21	8,538	59	77	78	637	66	5,392	98	1,544	23	2,918	71
27-Aug	7,581	82	3,949	96	341	42	10	22	3,518	62	17	82	268	70	589	98	334	24	290	71
28-Aug	37,770	87	4,088	97	1,728	45	6	23	28,495	81	10	84	1,252	86	500	99	427	26	509	72
29-Aug	32,222	92	4,572	98	198	46	23	25	1,435	82	28	91	162	88	700	99	2,701	35	121	73
30-Aug	8,387	93	2,980	99	2,297	50	17	27	1,771	83	1	91	73	89	600	99	200	36	179	73
31-Aug	6,292	94	1,287	99	2,494	54	9	28	867	84	19	95	33	89	567	99	623	38	23	73
01-Sep	5,640	95	870	100	1,725	57	7	29	125	84	6	97	21	90	464	100	835	41	0	73
02-Sep	3,568	95	984	100	3,098	62	13	31	329	84	1	97	134	91	0	100	5,141	59	239	73
03-Sep	4,952	96	500	100	588	63	3	31	278	84	14	100	301	95	0	100	1,079	63	74	73
04-Sep	4,522	96		100	323	63	14	32	191	84		100	45	96	70	100	9	63	15,000	100
05-Sep	6,796	97		100	677	65	24	35	641	85		100	40	97	0	100	222	64		100
06-Sep	5,670	98		100	814	66	27	38	1,219	86		100	55	97	79	100	1,038	68		100
07-Sep	5,196	99		100	2,523	70	32	42	801	86		100	32	98	569	100	1,146	72		100
08-Sep	3,498	99		100	1,099	72	37	46	586	87		100	17	98		100	1,033	76		100
09-Sep	113	99		100	157	72	28	49	20,000	100		100	41	98		100	160	76		100
10-Sep	667	100		100	517	73	75	57		100		100	62	99		100	1,000	80		100
11-Sep	666	100		100	16,000	100	31	61		100		100	60	100		100	5,012	98		100
12-Sep	667	100		100		100	350	100		100		100		100		100	244	98		100
13-Sep	666	100		100		100		100		100		100		100		100	32	99		100
14-Sep	667	100		100		100		100		100		100		100		100	30	99		100
15-Sep	667	100		100		100		100		100		100		100		100	19	99		100
16-Sep	39	100		100		100		100		100		100		100		100	37	99		100
17-Sep		100		100		100		100		100		100		100		100	49	99		100
18-Sep		100		100		100		100		100		100		100		100	7	99		100
19-Sep		100		100		100		100		100		100		100		100	150	100		100
20-Sep		100		100		100		100		100		100		100		100	40	100		100
21-Sep		100		100		100		100		100		100		100		100	35	100		100
22-Sep		100		100		100		100		100		100		100		100	25	100		100
23-Sep		100		100		100		100		100		100		100		100		100		100
24-Sep		100		100		100		100		100		100		100		100		100		100
25-Sep		100		100		100		100		100		100		100		100		100		100
26-Sep		100		100		100		100		100		100		100		100		100		100
27-Sep		100		100		100		100		100		100		100		100		100		100
28-Sep		100		100		100		100		100		100		100		100		100		100
29-Sep		100		100		100		100		100		100		100		100		100		100
30-Sep		100		100		100		100		100		100		100		100		100		100
	711,676		397,409		59,489		894		148,206		434		7,646		203,648		28,010		56,475	

Appendix E.4. Peak aerial survey, weir, and estimated total escapements by species and district, Kodiak Management Area, 1988.

	Salmon Species											
	Sockeye			Coho			Pink			Chum		
Stream Number	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
Afognak District												
251-101				2,000		4,800	4,000		7,600			
251-105				2,000		4,800	74,500		141,550			
251-201							200		380			
251-202							4,000		7,600			
251-202A							400		760			
251-302		4,217	4,217		0	0		0	0		0	0
251-402							75,000		142,500			
251-404							25,000		47,500			
251-504							500		950			
251-601		0	0		2,772	2,772		669	669		0	0
251-705		0	0		967	967		1,241	1,241		0	0
251-822							11,500		21,850			
251-825							10,000		19,000			
251-830		26	26		2,354	2,354		56,475	56,475		0	0
251-831		22,794	22,794		5,563	5,563		434	434		3	3
251-901							11,000		20,900			
252-101				500		1,200	2,000		3,800			
252-102				100		240	7,000		13,300			
252-302							3,200		6,080			
252-306							9,800		18,620			
252-307							250		475			
252-309							800		1,520			
252-331				150		360	200		380			
252-332							28,000		53,200	500		645
252-333							2,200		4,180			
252-335							250		475			
252-342		39,012	39,012		9,772	9,772		148,206	148,206		11	11
252-343				1,000		2,400	90,000		171,000			
Subtotal		66,049	66,049	5,750	21,428	35,228	359,800	207,025	890,645	500	14	659
Northwest Kodiak District												
253-115							137,500		261,250			
253-121							1,500		2,850			
253-122[a]	12,000		24,000				84,000		237,000	20,000		44,333
253-331							71,500		197,667	15,000		43,433
253-332							6,000		11,400			
254-103							5,000		9,500			
254-202							85,000		163,833	25,000		44,340
254-203							50		95	50		65

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Stream Number	Salmon Species											
	Sockeye			Coho			Pink			Chum		
	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
Northwest Kodiak District (Cont)												
254-204							44,000		44,000			
254-301							30,000		57,000	75,000		96,750
254-401										15,000		19,350
Subtotal	12,000		24,000				464,550		984,595	150,050		248,271
Southwest Kodiak District												
255-101		578,816	578,816		12,083	12,083		711,676	711,676		108	108
256-101							150		285			
256-201		291,774	291,774		19,476	19,476		397,409	397,409		184	184
256-401				5,500		13,200	5,000		9,500			
256-401a										53,200		68,628
256-402							200		380	5,700		13,440
Subtotal		870,590	870,590	5,500	31,559	44,759	5,350	1,109,085	1,119,250	58,900	292	82,360
Alitak Bay District												
257-102										200		258
257-302		38,618	38,618		6,115	6,115		28,010	28,010		0	0
257-303	3,000		6,000		2,263	2,263		75	75		0	0
257-304		306,560	306,560		3,813	3,813		894	894		3	3
257-402[b]	18,000		18,000				2,200		4,180			
257-403		246,217	246,217		3,543	3,543		59,489	59,489		30,680	30,680
257-404										500		645
257-502							36,000		52,140	10,000		25,840
257-503										500		645
257-601										300		387
257-602										50		65
257-603							200		200	50		65
257-701							85,000		85,000			
Subtotal	21,000	591,395	615,395		15,734	15,734	123,400	88,468	229,988	11,600	30,683	58,588

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	Salmon Species											
	Sockeye			Coho			Pink			Chum		
Stream Number	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
Eastside Kodiak District												
258-202							50		95	10		13
258-206										5,000		6,450
258-207							19,000		19,000	20,000		20,000
258-522							20,000		40,223	500		571
258-541							20,000		38,000			
258-542										5,000		6,450
258-602							700		1,330	8,020		10,346
258-701							106,000		106,000			
259-401				400		960	4,800		9,120			
259-404							500		950			
259-410							800		1,520	50		65
259-411	20,000		40,000	2,000		4,800	2,000		3,800			
259-412	1,200		2,400				8,000		10,667	1,500		1,935
259-414							5,600		10,640	300		387
259-415		25,654	25,654	1,000	4,702	5,702	12,500	7,645	20,145		28	28
259-417										1,700		2,193
259-418a										1,800		2,322
259-423										2,000		2,580
259-424										500		645
Subtotal	21,200	25,654	68,054	3,400	4,702	11,462	199,950	7,645	261,490	46,380	28	53,985
Northeast Kodiak District												
259-101							2,000		2,107			
259-102							1,000		1,773			
259-211		12,144	12,144		6,782	6,782		203,648	203,648		84	84
259-221							19,000		36,100			
259-222							12,000		22,800	8,000		10,320
259-223							15,000		28,500	500		645
259-231							500		950	200		258
259-233							80,500		152,950	8,000		10,320
259-235							500		950			
259-242				900		2,160	90,000		189,818	15,000		19,350
259-245							5,600		10,640			

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	Salmon Species											
	Sockeye			Coho			Pink			Chum		
Stream Number	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement	Peak Count	Weir Count	Estimated Total Escapement
Northeast Kodiak District (Cont)												
259-251				250		600	42,000		79,800			
259-252							9,000		17,100			
259-253							20,000		38,000			
259-255				20		48						
259-363	3,500		7,000									
259-365				115		276	38,910		98,530	27,500		35,475
259-371							10,000		19,000	15,000		20,100
Subtotal	3,500	12,144	19,144	1,285	6,782	9,866	346,010	203,648	902,666	74,200	84	96,552
Mainland District												
262-151	5,500		11,000									
262-271							8,000		15,200	70,000		90,300
262-272										5,000		6,450
262-301	32,500		65,000									
262-401							4,500		8,550			
262-402							2,500		4,750			
262-451							40,000		76,000	8,000		10,320
262-501							6,500		12,350			
262-551							60,000		114,000	5,000		6,450
262-602										96,000		123,840
262-604							500		950	1,800		2,322
Subtotal	38,000		76,000				122,000		231,800	185,800		239,682
Totals	95,700	1,565,832	1,739,232	15,935	80,205	117,049	1,621,060	1,615,871	4,620,434	527,430	31,101	780,097

[a] Uganik sockeye ETE likely an under estimate owing to lake turbidity.

[b] Horse Marine Lake sockeye salmon aerial survey peak count considered to be estimate of total escapement owing to run timing and observations of escapement ALS sampling crew.

[c] Saltery Lake weir and survey counts were added togeather for pink and coho salmon estimated total escapement.

Appendix F.1. Estimated age composition of Thorsheim sockeye escapement, statistical weeks 23 through 33, 1988.

Statistical Week	Sample Size		Ages					
			1.2	1.3	2.2	2.3	3.2	Total
23-33	33[a]	Percent	3.0	6.1	45.5	42.4	3.0	100.0
		Numbers	128	256	1,917	1,789	128	4,217
Total	33	Percent	3.0	6.1	45.5	42.4	3.0	100.0
		Numbers	128	256	1,917	1,789	128	4,217

[a] Terminal catch sample collected on 12 July, 1988.

Appendix F.2. Length composition of Thorsheim sockeye escapement samples by age and sex, statistical week 29, 1988.

	Ages					
	1.2	1.3	2.2	2.3	3.2	Total
Females						
Mean Length	489	545	466	517	491	493
SE		9	6	15		8
Range	489-489	536-554	434-491	440-566	491-491	434-566
Sample Size	1	2	10	7	1	21
Males						
Mean Length	0	0	483	543	0	518
SE			5	10		11
Range	0-0	0-0	468-499	501-579	0-0	468-579
Sample Size	0	0	5	7	0	12
All Fish						
Mean Length	489	545	472	530	491	502
SE		9	5	9		7
Range	489-489	536-554	434-499	440-579	491-491	434-579
Sample Size	1	2	15	14	1	33

Appendix F.3. Estimated sex composition of Thorsheim sockeye escapement, statistical weeks 23 through 33, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
23-33	26	14	40[a]	65.0	35.0	2,741	1,476	4,217
Total	26	14	40	65.0	35.0	2,741	1,476	4,217

[a] Terminal catch sample collected on 12 July, 1988.

Appendix F.4. Estimated age composition of Afognak Lake early run sockeye escapement, statistical weeks 22 through 29, 1988.

Statistical Week	Sample Size		Ages							
			1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
22-29	508	Percent	0.4	0.2	59.4	1.6	30.1	7.3	1.0	100.0
		Numbers	111	55	16,735	443	8,478	2,050	277	28,150
Total	508	Percent	0.4	0.2	59.4	1.6	30.1	7.3	1.0	100.0
		Numbers	111	55	16,735	443	8,478	2,050	277	28,150

Appendix F.5. Length composition of Afognak Lake early run sockeye escapement samples by age and sex, statistical week 25, 1988.

	Ages							
	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Females								
Mean Length	0	520	467	0	516	472	533	487
SE			2		2	6	8	2
Range	0-0	520-520	410-565	0-0	435-562	445-535	518-550	410-565
Sample Size	0	1	144	0	105	21	4	275
Males								
Mean Length	330	0	479	340	533	476	540	484
SE			2	7	6	7		3
Range	330-330	0-0	425-610	309-370	448-608	400-510	540-540	309-610
Sample Size	1	0	152	8	44	16	1	222
All Fish								
Mean Length	330	520	473	340	521	474	535	486
SE			2	7	3	5	6	2
Range	330-330	520-520	410-610	309-370	435-608	400-535	518-550	309-610
Sample Size	1	1	297	8	149	37	5	498

Appendix F.6. Estimated sex composition of Afognak Lake early run sockeye escapement, statistical weeks 22 through 29, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
22-29	329	260	589	55.9	44.1	15,724	12,426	28,150
Total	329	260	589	55.9	44.1	15,724	12,426	28,150

Appendix F.7. Estimated age composition of Afognak Lake late run sockeye escapement, statistical weeks 30 through 40, 1988.

Statistical Week	Sample Size		Ages							
			0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
30-40	425	Percent	0.5	1.4	58.6	3.5	12.0	22.6	1.4	100.0
		Numbers	51	153	6,364	383	1,303	2,454	153	10,862
Total	425	Percent	0.5	1.4	58.6	3.5	12.0	22.6	1.4	100.0
		Numbers	51	153	6,364	383	1,303	2,454	153	10,862

Appendix F.8. Length composition of Afognak Lake late run sockeye escapement samples by age and sex, statistical weeks 31 and 32, 1988.

	Ages							
	0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
Females								
Mean Length	508	0	472	347	504	472	523	476
SE	28		2		7	3	11	2
Range	480-535	0-0	420-550	347-347	438-555	432-578	507-543	347-578
Sample Size	2	0	126	1	24	59	3	215
Males								
Mean Length	0	311	486	338	545	491	512	479
SE		9	2	12	7	5	26	4
Range	0-0	280-340	418-570	300-485	479-615	440-593	460-540	280-615
Sample Size	0	6	123	14	25	35	3	206
All Fish								
Mean Length	508	311	479	339	525	480	517	478
SE	28	9	2	11	5	3	13	2
Range	480-535	280-340	418-570	300-485	438-615	432-593	460-543	280-615
Sample Size	2	6	249	15	50	95	6	423

Appendix F.9. Estimated sex composition of Afognak Lake late run sockeye escapement, statistical weeks 30 through 40, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30-40	248	233	481	51.6	48.4	5,600	5,262	10,862
Total	248	233	481	51.6	48.4	5,600	5,262	10,862

Appendix F.10. Estimated age composition of Uganik Lake sockeye escapement, statistical weeks 30 through 38, 1988.

Statistical Week	Sample Size		Ages							
			0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
30-38	418	Percent	0.7	3.1	12.9	2.2	47.4	10.3	23.4	100.0
		Numbers	86	373	1,550	258	5,684	1,234	2,813	12,000[a]
Total	418	Percent	0.7	3.1	12.9	2.2	47.4	10.3	23.4	100.0
		Numbers	86	373	1,550	258	5,684	1,234	2,813	12,000

[a] Peak aerial survey count, Malloy and Prokopowich 1992.

Appendix F.11. Length composition of Uganik Lake sockeye escapement samples by age and sex, statistical weeks 30 and 36, 1988.

	Ages							
	0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
Females								
Mean Length	0	0	472	0	549	468	550	543
SE			7		2	7	3	2
Range	0-0	0-0	441-494	0-0	497-622	443-493	496-593	441-622
Sample Size	0	0	10	0	131	8	67	216
Males								
Mean Length	450	307	446	321	593	439	593	501
SE	15	5	4	5	3	5	5	7
Range	433-481	270-328	404-508	292-351	473-637	395-510	536-643	270-643
Sample Size	3	13	44	9	65	35	31	200
All Fish								
Mean Length	450	307	451	321	563	445	564	522
SE	15	5	4	5	2	4	3	4
Range	433-481	270-328	404-508	292-351	473-637	395-510	496-643	270-643
Sample Size	3	13	54	9	196	43	98	416

Appendix F.12. Estimated sex composition of Uganik Lake sockeye escapement, statistical weeks 30 through 38, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30-38	232	227	459	50.5	49.5	6,065	5,935	12,000[a]
Total	232	227	459	50.5	49.5	6,065	5,935	12,000

[a] Peak aerial survey count, Malloy and Prokopowich 1992.

Appendix F.13. Estimated age composition of Little River Lake sockeye escapement sample, statistical week 31, 1988.

Statistical Week	Sample Size		Ages									
			0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	Total
31	456	Percent	0.2	12.1	2.2	6.8	68.2	0.2	4.2	5.9	0.2	100.0
Total	456	Percent	0.2	12.1	2.2	6.8	68.2	0.2	4.2	5.9	0.2	100.0

Appendix F.14. Length composition of Little River Lake sockeye escapement sample by age and sex, statistical week 31, 1988.

	Ages									
	0.3	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	Total
Females										
Mean Length	510	470	0	519	459	0	520	462	524	469
SE		4		2	1		3	5		2
Range	510-510	431-501	0-0	504-545	415-503	0-0	505-542	421-495	524-524	415-545
Sample Size	1	27	0	24	201	0	17	16	1	287
Males										
Mean Length	0	467	313	552	449	322	552	438	0	448
SE		6	3	5	3		21	11		4
Range	0-0	400-510	294-331	532-568	388-518	322-322	531-572	390-516	0-0	294-572
Sample Size	0	28	10	7	110	1	2	11	0	169
All Fish										
Mean Length	510	468	313	526	456	322	523	452	524	462
SE		3	3	3	1		4	6		2
Range	510-510	400-510	294-331	504-568	388-518	322-322	505-572	390-516	524-524	294-572
Sample Size	1	55	10	31	311	1	19	27	1	456

Appendix F.15. Estimated sex composition of Little River Lake sockeye escapement sample, statistical week 31, 1988.

Statistical Week	Number			Percent		
	Females	Males	Total	Females	Males	Total
31	354	244	598	59.2	40.8	100.0
Total	354	244	598	59.2	40.8	100.0

Appendix F.16. Estimated age composition of Karluk River early run sockeye escapement by statistical week, 1988[a].

Statistical Week	Sample Size		Ages 1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
22	0	Percent	1.8	1.0	2.4	46.2	0.0	26.7	14.3	0.0	7.5	100.0
		Numbers	9	5	12	227	0	131	70	0	37	491
23	0	Percent	1.9	0.9	2.4	46.2	0.0	26.6	14.3	0.0	7.6	100.0
		Numbers	22	11	28	536	0	309	166	0	88	1,160
24	210	Percent	1.9	1.0	2.4	46.2	0.0	26.7	14.3	0.0	7.6	100.0
		Numbers	1,610	805	2,013	39,049	0	22,544	12,077	0	6,441	84,539
25	204	Percent	1.2	1.3	4.4	48.1	0.9	26.7	12.7	0.3	4.5	100.0
		Numbers	780	837	2,913	31,810	569	17,645	8,388	220	3,006	66,169
26	211	Percent	1.1	2.6	6.7	42.7	0.8	28.2	9.9	0.0	8.0	100.0
		Numbers	942	2,157	5,557	35,339	646	23,305	8,197	27	6,579	82,750
27	213	Percent	0.3	4.2	5.4	44.1	0.2	29.6	7.9	0.0	8.3	100.0
		Numbers	92	1,132	1,466	11,940	51	8,024	2,127	0	2,234	27,066
28	192	Percent	0.9	7.1	2.7	40.5	0.7	38.2	4.9	0.0	4.9	100.0
		Numbers	123	975	374	5,544	100	5,225	669	0	664	13,674
29	207	Percent	0.5	18.8	2.4	45.6	1.9	23.9	2.5	0.0	4.4	100.0
		Numbers	57	2,123	274	5,165	213	2,709	286	0	494	11,321
Total	1,237	Percent	1.3	2.8	4.4	45.1	0.5	27.8	11.1	0.1	6.8	100.0
		Numbers	3,635	8,045	12,637	129,610	1,579	79,892	31,980	247	19,543	287,170

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the first sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.17. Length composition of Karluk River early run sockeye escapement samples by age and sex, statistical weeks 24 through 29, 1988.

	Ages									
	1.2	2.1	1.3	2.2	3.1	2.3	3.2	2.4	3.3	Total
Females										
Mean Length	447	0	546	500	0	558	496	0	562	525
SE	8		4	2		2	4		3	2
Range	421-502	0-0	492-590	404-576	0-0	484-631	415-585	0-0	486-602	404-631
Sample Size	10	0	35	259	0	189	54	0	45	592
Males										
Mean Length	475	356	582	508	363	582	503	588	588	515
SE	11	2	5	2	13	2	5		4	3
Range	464-486	318-405	554-618	408-584	314-417	482-635	388-564	588-588	535-640	314-640
Sample Size	2	67	16	294	9	165	57	1	32	643
All Fish										
Mean Length	452	356	558	504	363	569	500	588	573	519
SE	8	2	4	1	13	2	3		3	2
Range	421-502	318-405	492-618	404-584	314-417	482-635	388-585	588-588	486-640	314-640
Sample Size	12	67	51	553	9	354	111	1	77	1,235

Appendix F.18. Estimated sex composition of Karluk River early run sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
22	0	0	0	44.6	55.4	219	272	491
23	0	0	0	44.6	55.4	517	643	1,160
24	107	133	240	44.6	55.4	37,690	46,849	84,539
25	103	135	238	44.6	55.4	29,486	36,683	66,169
26	117	123	240	48.5	51.5	40,159	42,591	82,750
27	119	121	240	49.3	50.7	13,353	13,713	27,066
28	117	123	240	48.4	51.6	6,623	7,051	13,674
29	112	128	240	46.7	53.3	5,292	6,029	11,321
Total	675	763	1,438	46.4	53.6	133,341	153,829	287,170

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the first sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.19. Estimated age composition of Karluk River late run sockeye escapement by statistical week, 1988[a].

Statistical Week	Sample Size		Ages 1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	Total
30	193	Percent	0.7	4.4	2.0	45.6	1.0	31.7	7.1	7.4	100.0
		Numbers	86	516	238	5,361	123	3,722	829	874	11,748
31	178	Percent	1.7	5.7	1.8	51.2	1.1	26.7	6.1	5.7	100.0
		Numbers	85	279	86	2,512	54	1,311	297	280	4,905
32	213	Percent	0.2	5.5	0.4	59.7	1.4	23.2	6.3	3.3	100.0
		Numbers	81	2,478	166	26,778	635	10,383	2,818	1,480	44,820
33	205	Percent	0.3	2.2	0.0	66.4	1.1	21.5	6.2	2.4	100.0
		Numbers	119	766	7	23,447	380	7,588	2,190	834	35,331
34	219	Percent	0.0	2.5	0.0	64.3	0.0	24.0	5.5	3.6	100.0
		Numbers	2	772	0	19,691	6	7,369	1,698	1,107	30,645
35	201	Percent	0.0	0.6	0.0	57.0	0.0	29.2	8.4	4.9	100.0
		Numbers	0	210	0	20,984	0	10,738	3,075	1,814	36,821
36	0	Percent	0.0	0.5	0.0	56.7	0.0	29.3	8.5	5.0	100.0
		Numbers	0	11	0	1,239	0	641	185	109	2,185
37	0	Percent	0.0	0.5	0.0	56.7	0.0	29.4	8.5	5.0	100.0
		Numbers	0	559	0	63,779	0	33,008	9,511	5,595	112,452
38	0	Percent	0.0	0.5	0.0	56.7	0.0	29.4	8.5	5.0	100.0
		Numbers	0	63	0	7,225	0	3,739	1,077	634	12,739
Total	1,209	Percent	0.1	1.9	0.2	58.6	0.4	26.9	7.4	4.4	100.0
		Numbers	373	5,654	497	171,016	1,198	78,499	21,680	12,727	291,646

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.20. Length composition of Karluk River late run sockeye escapement samples by age and sex, statistical weeks 30 through 35, 1988.

	Ages								
	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	Total
Females									
Mean Length	536	0	559	522	0	570	514	568	534
SE	5			1		2	6	4	1
Range	522-546	0-0	559-559	459-565	0-0	522-640	450-599	537-624	450-640
Sample Size	4	0	1	313	0	101	29	20	468
Males									
Mean Length	528	355	589	541	370	589	535	591	544
SE	16	4	7	1	11	1	5	4	2
Range	512-544	307-406	567-612	432-590	298-412	525-644	444-569	547-652	298-652
Sample Size	2	44	7	387	10	208	49	33	740
All Fish									
Mean Length	533	355	585	533	370	583	527	582	540
SE	6	4	7	1	11	1	4	3	1
Range	512-546	307-406	559-612	432-590	298-412	522-644	444-599	537-652	298-652
Sample Size	6	44	8	700	10	309	78	53	1,208

Appendix F.21. Estimated sex composition of Karluk River late run sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30	85	155	240	35.2	64.8	4,133	7,615	11,748
31	68	135	203	34.3	65.7	1,682	3,223	4,905
32	102	136	238	41.3	58.7	18,515	26,305	44,820
33	89	146	235	40.6	59.4	14,336	20,995	35,331
34	113	126	239	42.2	57.8	12,920	17,725	30,645
35	64	176	240	27.2	72.8	10,027	26,794	36,821
36	0	0	0	26.7	73.3	583	1,602	2,185
37	0	0	0	26.7	73.3	29,987	82,465	112,452
38	0	0	0	26.7	73.3	3,397	9,342	12,739
Total	521	874	1,395	32.8	67.2	95,579	196,067	291,646

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.22. Estimated age composition of Ayakulik River sockeye escapement by statistical week, 1988[a].

Statistical Week	Sample Size		Ages												
			1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
22	0	Percent	0.5	0.0	10.1	1.5	25.3	27.7	0.0	0.0	32.9	1.0	0.0	1.0	100.1
		Numbers	4	0	79	12	197	216	0	0	256	8	0	8	779
23	198	Percent	0.5	0.0	10.6	1.5	26.0	27.4	0.0	0.0	32.1	0.9	0.0	1.0	100.0
		Numbers	95	9	2,189	312	5,374	5,653	0	0	6,632	191	0	199	20,653
24	208	Percent	0.5	0.3	14.0	1.7	30.9	24.4	0.0	0.0	27.2	0.3	0.0	0.6	100.0
		Numbers	117	68	3,067	367	6,755	5,327	0	0	5,933	72	0	140	21,847
25	38	Percent	8.0	0.2	17.2	6.0	27.5	18.1	0.0	0.0	22.8	0.0	0.0	0.2	100.0
		Numbers	873	26	1,875	660	3,006	1,973	0	0	2,487	0	0	26	10,925
26	189	Percent	20.5	1.1	19.8	16.0	13.3	17.3	0.3	0.0	11.1	0.1	0.0	0.5	100.0
		Numbers	8,438	458	8,147	6,570	5,475	7,105	132	0	4,551	61	0	193	41,131
27	208	Percent	22.3	0.8	19.2	21.4	8.0	17.2	0.0	0.2	9.0	0.8	0.2	1.0	100.0
		Numbers	7,104	258	6,125	6,840	2,547	5,474	0	53	2,868	258	53	311	31,890
28	218	Percent	11.0	1.0	29.8	15.0	9.6	19.5	0.0	0.5	11.1	0.8	0.3	1.3	100.0
		Numbers	3,740	350	10,076	5,092	3,260	6,593	0	160	3,764	285	95	445	33,860
29	201	Percent	11.4	0.3	33.3	17.0	6.6	20.9	0.0	0.3	9.3	0.2	0.0	0.5	100.0
		Numbers	3,978	121	11,586	5,917	2,306	7,282	0	121	3,227	56	0	176	34,771
30	192	Percent	4.5	0.0	32.3	9.0	6.0	33.2	0.0	0.2	12.9	1.2	0.0	0.7	100.0
		Numbers	1,076	1	7,791	2,179	1,443	8,013	0	43	3,121	294	0	169	24,130
31	186	Percent	1.9	0.0	27.7	8.7	6.6	42.9	0.0	0.4	8.7	2.5	0.0	0.7	100.0
		Numbers	424	0	6,247	1,959	1,479	9,692	0	84	1,957	557	0	168	22,566
32	202	Percent	2.4	0.0	19.8	15.7	2.0	53.2	0.0	0.0	5.2	1.7	0.0	0.0	100.0
		Numbers	614	0	5,146	4,064	522	13,815	0	0	1,353	446	0	0	25,959
33	96	Percent	2.2	0.0	15.8	17.0	2.1	58.5	0.0	0.0	3.2	1.3	0.0	0.0	100.0
		Numbers	215	0	1,558	1,674	203	5,770	0	0	316	127	0	0	9,864
34	0	Percent	2.1	0.0	13.5	17.7	2.1	61.5	0.0	0.0	2.1	1.0	0.0	0.0	100.0
		Numbers	165	0	1,075	1,406	165	4,879	0	0	165	83	0	0	7,938
35	0	Percent	2.1	0.0	13.5	17.7	2.1	61.5	0.0	0.0	2.1	1.0	0.0	0.0	100.0
		Numbers	70	0	455	595	70	2,065	0	0	70	35	0	0	3,360

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Statistical Week	Sample Size		Ages												
			1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
36	0	Percent	2.1	0.0	13.6	17.7	2.1	61.4	0.0	0.0	2.1	1.0	0.0	0.0	100.0
		Numbers	44	0	285	372	44	1,291	0	0	44	22	0	0	2,101
Total	1,936	Percent	9.2	0.4	22.5	13.0	11.3	29.2	0.0	0.2	12.6	0.9	0.1	0.6	100.0
		Numbers	26,957	1,291	65,701	38,019	32,846	85,148	132	461	36,744	2,495	148	1,835	291,774

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.23. Length composition of Ayakulik River sockeye escapement samples by age and sex, statistical weeks 23 through 35, 1988.

	Ages												
	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	2.4	3.3	Total
Females													
Mean Length	0	512	500	0	541	518	0	580	548	528	0	538	522
SE		12	2		3	2		39	3	9		5	1
Range	0-0	483-540	377-585	0-0	482-619	460-590	0-0	541-618	442-606	488-571	0-0	528-545	377-619
Sample Size	0	4	180	0	106	212	0	2	94	10	0	3	611
Males													
Mean Length	336	564	515	390	556	534	397	635	568	540	598	572	487
SE	2	8	2	2	3	2			2	12		9	2
Range	294-435	538-582	402-594	308-495	482-654	408-623	397-397	635-635	485-648	510-591	598-598	530-626	294-654
Sample Size	169	5	258	230	136	334	1	1	171	7	1	10	1,323
All Fish													
Mean Length	336	541	509	390	549	528	397	598	561	533	598	564	498
SE	2	11	1	2	2	1		29	2	7		8	2
Range	294-435	483-582	377-594	308-495	482-654	408-623	397-397	541-635	442-648	488-591	598-598	528-626	294-654
Sample Size	169	9	438	230	242	546	1	3	265	17	1	13	1,934

Appendix F.24. Estimated sex composition of Ayakulik River sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
22	0	0	0	25.9	74.1	202	577	779
23	61	174	235	27.1	72.9	5,604	15,049	20,653
24	95	145	240	34.9	65.1	7,631	14,216	21,847
25	15	33	48	35.4	64.6	3,864	7,061	10,925
26	76	159	235	28.2	71.8	11,603	29,528	41,131
27	46	192	238	24.1	75.9	7,690	24,200	31,890
28	85	177	262	31.3	68.7	10,604	23,256	33,860
29	71	169	240	29.2	70.8	10,150	24,621	34,771
30	67	170	237	30.4	69.6	7,342	16,788	24,130
31	82	153	235	35.8	64.2	8,085	14,481	22,566
32	91	149	240	39.1	60.9	10,142	15,817	25,959
33	50	69	119	41.0	59.0	4,040	5,824	9,864
34	0	0	0	42.0	58.0	3,335	4,603	7,938
35	0	0	0	42.0	58.0	1,412	1,948	3,360
36	0	0	0	42.0	58.0	883	1,218	2,101
Total	739	1,590	2,329	31.7	68.3	92,587	199,187	291,774

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.25. Estimated age composition of Silver Salmon sockeye escapement, statistical weeks 26 through 30, 1988.

Statistical Week	Sample Size		Ages									
			0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
26-30	365	Percent	1.1	24.7	0.5	52.9	9.0	0.5	7.9	0.8	2.5	100.0
		Numbers	38	863	19	1,851	316	19	278	29	86	3,500
Total	365	Percent	1.1	24.7	0.5	52.9	9.0	0.5	7.9	0.8	2.5	100.0
		Numbers	38	863	19	1,851	316	19	278	29	86	3,500

Appendix F.26. Length composition of Silver Salmon sockeye escapement samples by age and sex, statistical weeks 28 and 30, 1988.

	Ages									
	0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Females										
Mean Length	328	484	0	544	466	0	541	0	540	529
SE	5	12		2	24		7		9	4
Range	315-340	370-535	0-0	499-595	357-510	0-0	490-590	0-0	500-570	315-595
Sample Size	4	16	0	104	6	0	19	0	7	156
Males										
Mean Length	0	442	325	573	473	334	576	495	557	508
SE		4	0	4	10	6	11	10	2	5
Range	0-0	390-540	325-325	420-630	375-545	328-340	520-633	475-510	555-558	325-633
Sample Size	0	74	2	89	27	2	10	3	2	209
All Fish										
Mean Length	328	450	325	557	472	334	553	495	544	517
SE	5	4	0	2	9	6	6	10	7	3
Range	315-340	370-540	325-325	420-630	357-545	328-340	490-633	475-510	500-570	315-633
Sample Size	4	90	2	193	33	2	29	3	9	365

Appendix F.27. Estimated sex composition of Silver Salmon sockeye escapement, statistical weeks 26 through 30, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
26-30	183	256	439	41.7	58.3	1,459	2,041	3,500
Total	183	256	439	41.7	58.3	1,459	2,041	3,500

Appendix F.28. Estimated age composition of Akalura Lake early run sockeye escapement, statistical weeks 22 through 29, 1988.

Statistical Week	Sample Size		Ages							
			1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
22-29	346	Percent	0.9	2.6	0.9	88.7	2.0	0.3	4.6	100.0
		Numbers	37	110	37	3,743	85	12	195	4,219
Total	346	Percent	0.9	2.6	0.9	88.7	2.0	0.3	4.6	100.0
		Numbers	37	110	37	3,743	85	12	195	4,219

Appendix F.29. Length composition of Akalura Lake early run sockeye escapement samples by age and sex, statistical weeks 24 and 25, 1988.

	Ages							
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	0	433	0	553	511	590	554	550
SE		15		2	10		6	2
Range	0-0	410-460	0-0	430-611	477-550	590-590	512-591	410-611
Sample Size	0	3	0	213	6	1	12	235
Males								
Mean Length	343	438	363	578	535	0	602	558
SE	23	16	52	3			23	7
Range	320-390	390-505	295-465	500-659	535-535	0-0	565-645	295-659
Sample Size	3	6	3	92	1	0	3	108
All Fish								
Mean Length	343	436	363	560	514	590	563	553
SE	23	11	52	2	9		8	2
Range	320-390	390-505	295-465	430-659	477-550	590-590	512-645	295-659
Sample Size	3	9	3	305	7	1	16	344

Appendix F.30. Estimated sex composition of Akalura Lake early run sockeye escapement, statistical weeks 22 through 29, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
22-29	255	128	383	66.6	33.4	2,809	1,410	4,219
Total	255	128	383	66.6	33.4	2,809	1,410	4,219

Appendix F.31. Estimated age composition of Akalura Lake late run sockeye escapement, statistical weeks 30 through 39, 1988.

Statistical Week	Sample Size		Ages					
			1.2	2.1	1.3	2.2	2.3	Total
30-39	380	Percent	3.9	0.5	10.3	81.8	3.4	100.0
		Numbers	1,358	181	3,530	28,153	1,177	34,399
Total	380	Percent	3.9	0.5	10.3	81.8	3.4	100.0
		Numbers	1,358	181	3,530	28,153	1,177	34,399

Appendix F.32. Length composition of Akalura Lake late run sockeye escapement samples by age and sex, statistical weeks 31 through 34, 1988.

	Ages					
	1.2	2.1	1.3	2.2	2.3	Total
Females						
Mean Length	501	0	580	536	602	541
SE	13		5	2	5	2
Range	450-560	0-0	520-610	460-590	585-610	450-610
Sample Size	8	0	18	158	5	189
Males						
Mean Length	487	450	594	561	594	562
SE	8		5	2	11	2
Range	440-505	450-450	540-640	510-615	530-635	440-640
Sample Size	7	1	21	153	8	190
All Fish						
Mean Length	494	450	588	548	597	552
SE	8		4	1	7	2
Range	440-560	450-450	520-640	460-615	530-635	440-640
Sample Size	15	1	39	311	13	379

Appendix F.33. Estimated sex composition of Akalura Lake late run sockeye escapement, statistical weeks 30 through 39, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30-39	224	223	447	50.1	49.9	17,238	17,161	34,399
Total	224	223	447	50.1	49.9	17,238	17,161	34,399

Appendix F.34. Estimated age composition of Upper Station early run sockeye escapement, statistical weeks 22 through 29, 1988[a].

Statistical Week	Sample Size		Ages										
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	Total
22	0	Percent	0.0	0.7	0.0	0.7	0.0	8.6	63.6	0.0	27.1	0.0	100.0
		Numbers	0	1	0	1	0	12	89	0	38	0	140
23	270	Percent	0.0	0.4	0.0	0.4	0.0	8.8	63.4	0.0	26.9	0.0	100.0
		Numbers	0	2	0	2	0	41	294	0	125	0	464
24	217	Percent	0.0	0.0	0.0	0.6	0.0	12.4	64.9	0.7	21.3	0.0	100.0
		Numbers	0	4	0	85	0	1,776	9,269	100	3,040	0	14,273
25	223	Percent	0.0	0.0	0.1	1.4	0.0	9.8	75.8	0.0	12.8	0.0	100.0
		Numbers	0	0	20	184	0	1,334	10,275	6	1,740	0	13,559
26	215	Percent	0.9	0.0	2.9	1.7	0.0	6.3	76.0	0.2	11.9	0.2	100.0
		Numbers	152	0	509	295	0	1,115	13,354	30	2,095	30	17,580
27	210	Percent	2.4	0.0	6.7	1.8	0.1	4.2	75.3	0.4	8.8	0.4	100.0
		Numbers	129	0	364	97	3	225	4,072	20	478	20	5,409
28	220	Percent	9.4	0.0	18.7	5.5	0.5	5.9	53.8	0.1	5.9	0.1	100.0
		Numbers	388	0	771	228	22	245	2,221	4	243	4	4,127
29	212	Percent	27.3	0.0	16.3	10.0	0.9	4.8	32.8	0.4	7.0	0.4	100.0
		Numbers	320	0	191	117	11	56	384	5	82	5	1,172
Total	1,567	Percent	1.7	0.0	3.3	1.8	0.1	8.5	70.4	0.3	13.8	0.1	100.0
		Numbers	989	7	1,855	1,009	36	4,804	39,958	165	7,841	59	56,724

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.35. Length composition of Upper Station early run sockeye escapement samples by age and sex, statistical weeks 23 through 29, 1988.

	Ages										
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	Total
Females											
Mean Length	491	0	564	524	0	557	517	589	558	0	529
SE	8		3	10		3	1	27	3		1
Range	459-523	0-0	524-610	454-567	0-0	461-599	444-594	562-615	498-611	0-0	444-615
Sample Size	8	0	44	12	0	49	424	2	91	0	630
Males											
Mean Length	492	326	587	513	375	569	524	532	574	555	535
SE	5		4	9	10	3	1	51	3	31	1
Range	402-560	326-326	495-685	402-603	355-385	490-622	419-616	481-582	504-656	524-586	326-685
Sample Size	68	1	49	31	3	74	571	2	133	2	934
All Fish											
Mean Length	492	326	576	516	375	564	521	560	567	555	532
SE	4		3	7	10	2	1	29	2	31	1
Range	402-560	326-326	495-685	402-603	355-385	461-622	419-616	481-615	498-656	524-586	326-685
Sample Size	76	1	93	43	3	123	995	4	224	2	1,564

Appendix F.36. Estimated sex composition of Upper Station early run sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
22	0	0	0	37.9	62.1	53	87	140
23	110	181	291	37.7	62.3	175	289	464
24	95	141	236	39.0	61.0	5,561	8,712	14,273
25	80	160	240	33.8	66.2	4,579	8,980	13,559
26	82	158	240	41.8	58.2	7,355	10,225	17,580
27	133	107	240	51.7	48.3	2,796	2,613	5,409
28	101	139	240	42.1	57.9	1,737	2,390	4,127
29	96	148	244	39.5	60.5	463	709	1,172
Total	697	1,034	1,731	40.1	59.9	22,719	34,005	56,724

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.37. Estimated age composition of the Upper Station late run sockeye escapement, statistical weeks 30 through 38, 1988[a].

Statistical Week	Sample Size		Ages											
			0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	2.4	Total
30	215	Percent	0.0	46.3	0.0	12.9	27.8	0.0	9.2	2.8	0.9	0.0	0.0	100.0
		Numbers	0	1,490	0	416	896	0	297	91	30	0	0	3,220
31	218	Percent	0.0	50.9	0.0	10.7	22.2	0.0	8.5	5.8	1.1	0.4	0.2	100.0
		Numbers	0	16,561	0	3,492	7,231	0	2,771	1,900	365	126	63	32,510
32	212	Percent	0.0	43.4	0.0	15.2	20.6	0.0	12.3	6.3	1.2	0.7	0.3	100.0
		Numbers	0	18,833	0	6,616	8,956	0	5,329	2,740	521	299	149	43,443
33	207	Percent	0.0	60.7	0.0	11.7	18.7	0.0	5.8	2.7	0.3	0.0	0.0	100.0
		Numbers	0	39,288	0	7,564	12,117	0	3,757	1,739	225	14	7	64,710
34	215	Percent	0.2	64.7	0.2	3.0	27.0	0.5	2.7	1.6	0.0	0.0	0.0	100.0
		Numbers	56	16,492	56	770	6,878	139	700	404	5	0	0	25,501
35	216	Percent	0.7	54.6	0.8	2.6	26.6	1.9	0.5	12.3	0.0	0.0	0.0	100.0
		Numbers	221	17,709	260	850	8,629	630	168	3,986	0	0	0	32,452
36	207	Percent	0.1	59.0	0.5	5.9	3.9	1.0	0.5	29.0	0.1	0.1	0.0	100.0
		Numbers	33	22,167	170	2,210	1,480	385	182	10,887	38	19	0	37,571
37	193	Percent	0.5	73.7	0.0	4.3	5.0	1.0	0.5	13.4	1.0	0.5	0.0	100.0
		Numbers	40	6,058	2	350	414	85	42	1,105	81	40	0	8,218
38	0	Percent	0.5	74.6	0.0	4.2	5.2	1.0	0.5	12.4	1.0	0.5	0.0	100.0
		Numbers	11	1,650	0	92	115	23	11	275	23	11	0	2,211
Total	1,683	Percent	0.1	56.1	0.2	8.9	18.7	0.5	5.3	9.3	0.5	0.2	0.1	100.0
		Numbers	361	140,248	488	22,360	46,716	1,262	13,257	23,127	1,288	509	219	249,836

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.38. Length composition of Upper Station late run sockeye escapement samples by age and sex, statistical weeks 30 through 37, 1988.

	Ages											
	0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	2.4	Total
Females												
Mean Length	0	486	0	561	483	0	574	555	588	573	0	502
SE		1		3	2		4	3	18	3		1
Range	0-0	372-682	0-0	483-606	423-540	0-0	509-651	490-610	539-646	570-575	0-0	372-682
Sample Size	0	558	0	66	163	0	43	76	6	2	0	914
Males												
Mean Length	300	492	342	584	494	393	594	573	644	614	621	513
SE	7	2	9	3	3	8	3	4	6			2
Range	286-309	391-579	325-355	475-636	417-597	362-434	549-635	420-620	627-655	614-614	621-621	286-655
Sample Size	3	397	3	74	168	9	41	67	4	1	1	768
All Fish												
Mean Length	300	489	342	573	488	393	584	563	610	586	621	507
SE	7	1	9	3	2	8	3	2	14	14		1
Range	286-309	372-682	325-355	475-636	417-597	362-434	509-651	420-620	539-655	570-614	621-621	286-682
Sample Size	3	955	3	140	331	9	84	143	10	3	1	1,682

Appendix F.39. Estimated sex composition of Upper Station late run sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30	67	173	240	28.1	71.9	905	2,315	3,220
31	100	140	240	39.2	60.8	12,751	19,759	32,510
32	87	153	240	38.0	62.0	16,519	26,924	43,443
33	104	136	240	53.8	46.2	34,830	29,880	64,710
34	183	57	240	73.8	26.2	18,810	6,691	25,501
35	172	68	240	68.3	31.7	22,156	10,296	32,452
36	137	101	238	59.6	40.4	22,397	15,174	37,571
37	175	65	240	72.1	27.9	5,927	2,291	8,218
38	0	0	0	72.9	27.1	1,612	599	2,211
Total	1,025	893	1,918	54.4	45.6	135,909	113,927	249,836

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.40. Estimated age composition of Frazer Lake sockeye escapement by statistical week, 1988[a].

Statistical Week	Sample Size		Ages 1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	Total
26	0	Percent	0.0	0.9	0.0	5.0	87.4	0.0	0.0	3.2	3.6	0.0	100.0
		Numbers	0	32	0	177	3,119	0	0	113	129	0	3,569
27	222	Percent	0.0	1.2	4.8	3.6	85.5	0.0	0.3	1.7	2.7	0.3	100.0
		Numbers	0	759	3,088	2,305	54,755	0	163	1,112	1,735	163	64,078
28	209	Percent	0.0	1.2	6.3	2.3	85.0	0.2	0.2	2.7	1.9	0.2	100.0
		Numbers	0	1,008	5,332	1,991	72,478	186	212	2,260	1,593	212	85,272
29	220	Percent	0.1	1.3	7.7	2.4	82.3	0.6	0.0	4.0	1.8	0.0	100.0
		Numbers	72	789	4,824	1,502	51,863	358	0	2,494	1,144	0	63,046
30	222	Percent	0.3	2.1	23.0	2.2	67.7	1.6	0.0	0.6	2.5	0.2	100.0
		Numbers	51	379	4,206	400	12,396	288	0	102	452	31	18,304
31	225	Percent	0.0	1.8	26.7	1.3	63.6	2.7	0.0	0.0	3.6	0.4	100.0
		Numbers	0	155	2,324	116	5,538	232	0	0	310	39	8,714
32	0	Percent	0.0	1.7	26.6	1.3	63.6	2.7	0.0	0.0	3.6	0.4	99.9
		Numbers	0	20	307	15	733	31	0	0	41	5	1,153
33	0	Percent	0.0	1.8	26.7	1.3	63.6	2.7	0.0	0.0	3.5	0.5	100.0
		Numbers	0	43	649	32	1,546	65	0	0	86	11	2,432
34	0	Percent	0.0	1.5	26.5	1.5	63.2	2.9	0.0	0.0	3.7	0.7	100.0
		Numbers	0	2	36	2	86	4	0	0	5	1	136
Total	1,098	Percent	0.0	1.3	8.4	2.7	82.1	0.5	0.2	2.5	2.2	0.2	100.0
		Numbers	123	3,187	20,766	6,540	202,514	1,164	375	6,081	5,495	462	246,704

[a] Percent age composition was derived using escapement numbers after rounding. These numbers were calculated by age and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.41. Length composition of Frazer Lake sockeye escapement samples by age and sex, statistical weeks 27 through 31, 1988.

	Ages										
	1.1	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	Total
Females											
Mean Length	0	500	0	549	504	0	0	546	508	500	506
SE		4		5	1			12	4		1
Range	0-0	481-519	0-0	515-573	430-575	0-0	0-0	476-590	478-530	500-500	430-590
Sample Size	0	11	0	13	447	0	0	10	18	1	500
Males											
Mean Length	329	508	364	573	514	372	545	560	514	560	482
SE		12	2	4	1	10		11	8		3
Range	329-329	478-539	314-443	542-603	442-575	340-424	545-545	500-621	470-550	560-560	314-621
Sample Size	1	5	129	17	411	9	1	11	10	1	595
All Fish											
Mean Length	329	502	364	563	509	372	545	553	510	530	493
SE		4	2	4	1	10		8	4	30	2
Range	329-329	478-539	314-443	515-603	430-575	340-424	545-545	476-621	470-550	500-560	314-621
Sample Size	1	16	129	30	858	9	1	21	28	2	1,095

Appendix F.42. Estimated sex composition of Frazer Lake sockeye escapement by statistical week, 1988.

Statistical Week	Sample			Escapement[a]				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
26	0	0	0	35.4	64.6	1,264	2,305	3,569
27	85	155	240	38.1	61.9	24,393	39,685	64,078
28	97	143	240	44.4	55.6	37,878	47,394	85,272
29	117	123	240	48.8	51.2	30,735	32,311	63,046
30	117	123	240	50.6	49.4	9,270	9,034	18,304
31	129	111	240	53.8	46.2	4,684	4,030	8,714
32	0	0	0	53.8	46.2	620	533	1,153
33	0	0	0	53.7	46.3	1,307	1,125	2,432
34	0	0	0	53.7	46.3	73	63	136
Total	545	655	1,200	44.7	55.3	110,223	136,481	246,704

[a] Percent sex composition was derived using escapement numbers after rounding. These numbers were calculated by sex and day using linear interpolation between weekly sampling events. When escapement occured prior to the fist sample or after the last sample, calculations were based on the adjacent sample.

Appendix F.43. Estimated age composition of Saltery Lake sockeye escapement, statistical weeks 30 through 38, 1988.

Statistical Week	Sample Size		Ages				
			1.2	1.3	2.2	2.3	Total
30-38	477	Percent	2.1	80.9	7.8	9.2	100.0
		Numbers	282	10,882	1,043	1,240	13,447
Total	477	Percent	2.1	80.9	7.8	9.2	100.0
		Numbers	282	10,882	1,043	1,240	13,447

Appendix F.44. Length composition of Saltery Lake sockeye escapement samples by age and sex, statistical week 32, 1988.

	Ages				
	1.2	1.3	2.2	2.3	Total
Females					
Mean Length	475	556	484	551	550
SE	15	1	5	5	2
Range	458-505	480-605	458-517	518-592	458-605
Sample Size	3	202	17	19	241
Males					
Mean Length	504	589	475	559	573
SE	12	2	8	7	3
Range	456-529	488-647	409-525	476-630	409-647
Sample Size	7	183	20	25	235
All Fish					
Mean Length	495	572	479	556	561
SE	10	1	5	5	2
Range	456-529	480-647	409-525	476-630	409-647
Sample Size	10	386	37	44	477

Appendix F.45. Estimated sex composition of Saltery Lake sockeye escapement, statistical weeks 30 through 38, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
30-38	302	297	599	50.4	49.6	6,780	6,667	13,447
Total	302	297	599	50.4	49.6	6,780	6,667	13,447

Appendix F.46. Estimated age composition of Buskin Lake sockeye escapement, statistical weeks 20 through 37, 1988.

Statistical Week	Sample Size		Ages						
			0.3	1.2	2.1	1.3	2.2	2.3	Total
20-37	415	Percent	0.2	6.7	1.4	14.9	17.8	58.8	100.0
		Numbers	29	819	176	1,814	2,165	7,140	12,144
Total	415	Percent	0.2	6.7	1.4	14.9	17.8	58.8	100.0
		Numbers	29	819	176	1,814	2,165	7,140	12,144

Appendix F.47. Length composition of Buskin Lake sockeye escapement samples by age and sex, statistical week 34, 1988.

	Ages						
	0.3	1.2	2.1	1.3	2.2	2.3	Total
Females							
Mean Length	542	453	0	514	455	515	501
SE		5		3	2	2	2
Range	542-542	420-472	0-0	482-555	420-474	480-581	420-581
Sample Size	1	12	0	36	43	146	238
Males							
Mean Length	0	480	342	562	487	558	532
SE		9	12	5	3	2	4
Range	0-0	391-515	300-380	519-611	436-515	520-600	300-611
Sample Size	0	16	6	26	31	98	177
All Fish							
Mean Length	542	469	342	534	468	532	514
SE		6	12	4	3	2	2
Range	542-542	391-515	300-380	482-611	420-515	480-600	300-611
Sample Size	1	28	6	62	74	244	415

Appendix F.48. Estimated sex composition of Buskin Lake sockeye escapement, statistical weeks 20 through 37, 1988.

Statistical Week	Sample			Escapement				
				Percent		Numbers		
	Females	Males	Total	Females	Males	Females	Males	Total
20-37	356	279	635	56.1	43.9	6,808	5,336	12,144
Total	356	279	635	56.1	43.9	6,808	5,336	12,144

Appendix G.1. Age composition of coho salmon escapement samples, by system, 1988.

System	Statistical week	Sample size	Ages 1.1	2.0	2.1	3.0	3.1	Total
Afognak River	37	6	50.0	0.0	50.0	0.0	0.0	100.0
Ayakulik River	34-35	273	78.0	0.0	22.0	0.0	0.0	100.0
Silver Salmon	35-36	52	63.5	3.8	32.7	0.0	0.0	100.0
Upper Station	36-37	173	49.7	3.5	45.7	0.6	0.6	100.0
Dog Salmon	37	16	12.5	0.0	75.0	6.3	6.3	100.0
Saltery River	33-34	116	47.4	0.9	51.7	0.0	0.0	100.0

Appendix H.1. Age composition of Terror Bay chum salmon catch samples, statistical week 28, 1988.

Statistical Week	Sample Size		Ages 0.3	0.4	0.5	Total
28	188	Percent	28.2	69.7	2.1	100.0
Total	188	Percent	28.2	69.7	2.1	100.0

Appendix H.2. Age composition of Uganik Bay (East Arm) chum salmon catch sample, statistical week 28, 1988.

Statistical Week	Sample Size		Ages 0.3	0.4	0.5	Total
28	111	Percent	30.6	65.8	3.6	100.0
Total	111	Percent	30.6	65.8	3.6	100.0

Appendix H.3. Age composition of Zachar Bay chum salmon catch samples, statistical weeks 27 and 28, 1988.

Statistical Week	Sample Size		Ages 0.3	0.4	0.5	Total
27	368	Percent	19.6	78.3	2.2	100.0
28	259	Percent	40.9	56.8	2.3	100.0
Total	627	Percent	30.3	67.5	2.2	100.0

Appendix H.4. Age composition of Sukhoi Lagoon chum salmon catch sample, statistical week 28, 1988.

Statistical Week	Sample Size		Ages 0.3	0.4	0.5	Total
28	359	Percent	56.3	39.3	4.5	100.0
Total	359	Percent	56.3	39.3	4.5	100.0

Appendix H.5. Age composition of Kiliuda Bay chum salmon catch samples, statistical weeks 31 through 34, 1988.

Statistical Week	Sample Size		Ages 0.2	0.3	0.4	0.5	Total
31	137	Percent	0.0	35.8	63.5	0.7	100.0
32	429	Percent	1.2	32.9	65.3	0.7	100.0
33	411	Percent	1.7	26.3	70.8	1.2	100.0
34	401	Percent	0.7	27.7	70.8	0.7	100.0
Total	1,378	Percent	0.9	30.6	67.6	0.8	100.0

Appendix H.6. Age composition of Kukak Bay chum salmon catch sample, statistical week 34, 1988.

Statistical Week	Sample Size		Ages 0.2	0.3	0.4	0.5	Total
34	133	Percent	4.5	51.9	39.8	3.8	100.0
Total	133	Percent	4.5	51.9	39.8	3.8	100.0

Appendix H.7. Age composition of Kitoi Bay chum salmon escapement samples, statistical weeks 27 through 29, 1988.

Statistical Week	Sample Size		Ages 0.3	0.4	0.5	Total
27	39	Percent	25.6	71.8	2.6	100.0
28	109	Percent	23.9	75.2	0.9	100.0
29	109	Percent	20.2	78.9	0.9	100.0
Total	257	Percent	23.2	75.3	1.5	100.0

Appendix H.8. Length composition of Kitoi Bay chum salmon escapement samples, by age and sex, statistical weeks 27 through 29, 1988.

	Ages			
	0.3	0.4	0.5	Total
Females				
Mean Length	588	601	566	598
SE	6	3		3
Range	552-662	502-653	566-566	502-662
Sample Size	21	67	1	89
Males				
Mean Length	596	623	683	617
SE	5	3	17	2
Range	540-672	566-682	666-700	540-700
Sample Size	37	129	2	168
All Fish				
Mean Length	593	615	644	611
SE	4	2	40	2
Range	540-672	502-682	566-700	502-700
Sample Size	58	196	3	257

Appendix H.9. Sex composition of Kitoi Bay chum salmon escapement samples by statistical week, 1988.

Statistical Week	Numbers			Percent		
	Females	Males	Total	Females	Males	Total
27	15	25	40	37.5	62.5	100.0
28	30	90	120	25.0	75.0	100.0
29	53	67	120	44.2	55.8	100.0
Total	98	182	280	35.6	64.4	100.0

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