

RC.142

SOUTH K BEACH INDEPENDENT

FISHERMEN'S ASSOCIATION

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Protecting and Preserving the Kasilof River Aquarian System

February 4, 2014

Alaska Board of Fisheries
Board Support Section
P.O. Box 115526
Juneau, Alaska 99811-5526

RE: Cook Inlet Regulatory Meeting 01.31- 02.13/14

Proposal 211

Chairman Karl Johnstone,

We submit this information for your review to support the limited of harvest of kings bound for the Kenai River over the course of the entire summer (144 hours) in the Kasilof District in 2013.

Thank You,


Paul A. Shadura II

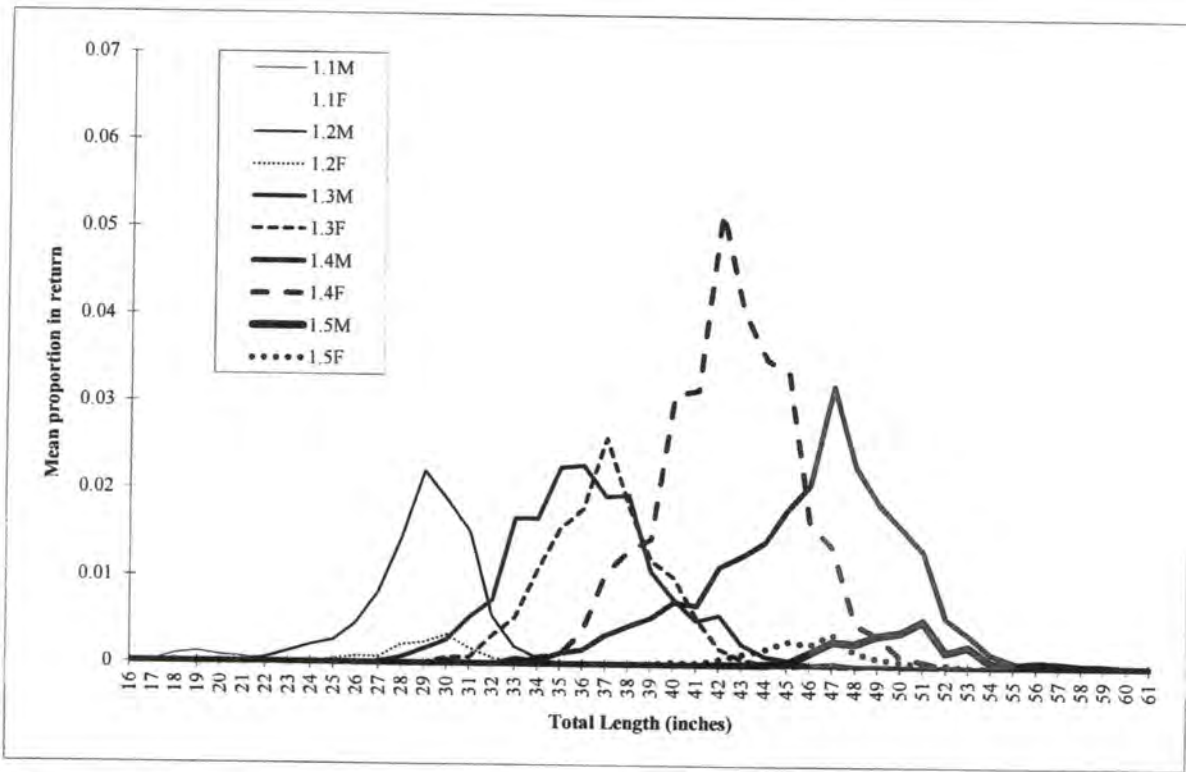


Figure 195-1.—Age-length-sex frequency relationships for Kenai River early-run king salmon, 1986–2013.

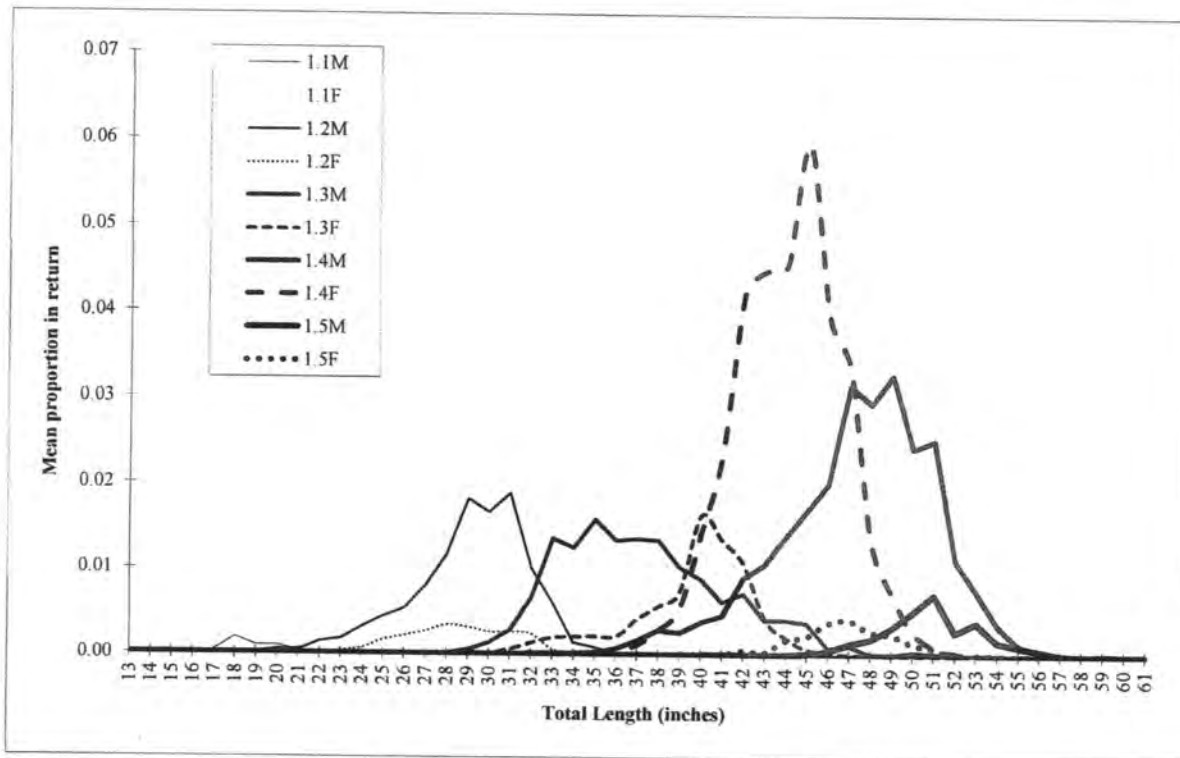


Figure 195-2.—Age-length-sex frequency relationships for Kenai River late-run king salmon, 1986–2013.

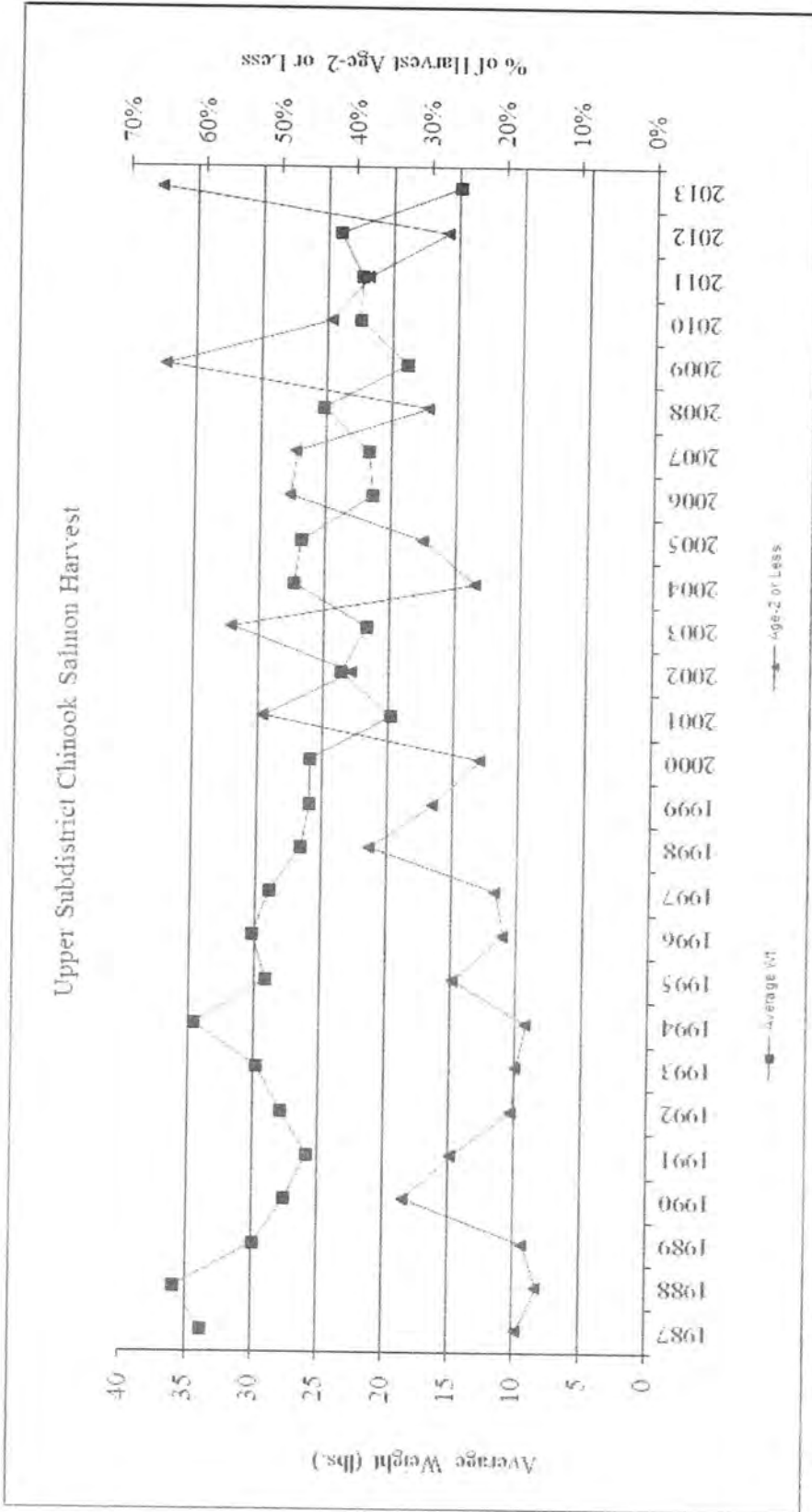


Figure 10.—Chinook salmon average weight (all fish) and percentage of the harvest comprised of ocean-age-2 or less fish in the Upper Subdistrict set gillnet commercial fishery, 1987–2013.

Table 209-1.-Late-run Kenai River king salmon population data, 1986-2013.

Year	Marine Sport Harvest ^a		Eastside Setnet Harvest ^b		Drift Gillnet Harvest ^b		Commercial Personal Use ^c		Kenaitze Educational Subsistence ^d		Personal Use Dipnet ^e		Sport Harvest Below Sonar ^g		Sport Harvest Above Sonar ^h		Catch-and-Release Mortality ^f		Spawning Escapement		Total Run		Harvest Rate	
	Harvest ^a	Harvest ^a	Harvest ^b	Harvest ^b	Harvest ^b	Harvest ^b	Use ^c	Use ^c	Subsistence ^d	Subsistence ^d	Use Dipnet ^e	Use Dipnet ^e	Estimate ^h	Estimate ^h	Mortality ^f	Mortality ^f	Escapement	Escapement	Total Run	Total Run	Rate	Rate		
1986	378	13,619	1,100	ND	ND	ND	ND	ND	ND	ND	ND	62,740	62,740	316	8,872	52,552	52,552	77,837	77,837	0.32	0.32			
1987	731	14,536	2,731	ND	ND	ND	235	ND	ND	ND	ND	63,550	63,550	123	13,100	50,327	50,327	81,783	81,783	0.38	0.38			
1988	892	8,834	1,330	ND	ND	ND	0	ND	ND	ND	ND	61,760	61,760	176	19,695	41,889	41,889	72,816	72,816	0.42	0.42			
1989	821	7,498	0	ND	ND	ND	0	22	ND	ND	ND	36,370	36,370	88	9,691	26,591	26,591	44,711	44,711	0.41	0.41			
1990	963	2,843	373	91	ND	ND	13	ND	ND	ND	ND	34,200	34,200	69	6,897	27,234	27,234	38,483	38,483	0.29	0.29			
1991	1,023	3,361	145	130	ND	ND	288	ND	ND	ND	ND	38,940	38,940	16	7,903	31,021	31,021	43,887	43,887	0.29	0.29			
1992	1,269	7,363	326	50	ND	ND	402	0	ND	ND	ND	42,290	42,290	234	7,556	34,500	34,500	51,700	51,700	0.33	0.33			
1993	1,700	9,672	451	81	ND	ND	27	0	ND	ND	ND	50,210	50,210	478	17,775	31,957	31,957	62,142	62,142	0.49	0.49			
1994	1,121	10,700	276	9	1	392	ND	ND	ND	ND	ND	47,440	47,440	572	17,837	29,031	29,031	59,939	59,939	0.52	0.52			
1995	1,241	8,291	314	25	3	712	ND	ND	ND	ND	ND	44,770	44,770	472	12,609	31,689	31,689	55,355	55,355	0.43	0.43			
1996	1,223	7,944	219	31	1	295	ND	ND	ND	ND	ND	42,790	42,790	337	8,112	34,341	34,341	52,503	52,503	0.35	0.35			
1997	1,759	7,780	293	30	20	364	ND	ND	ND	ND	ND	41,120	41,120	570	12,755	27,795	27,795	51,367	51,367	0.46	0.46			
1998	1,070	3,495	199	35	2	254	ND	ND	ND	ND	ND	47,110	47,110	595	7,515	39,000	39,000	52,165	52,165	0.25	0.25			
1999	602	6,501	345	59	4	488	ND	ND	ND	ND	ND	43,670	43,670	682	12,425	30,563	30,563	52,839	52,839	0.42	0.42			
2000	631	2,531	162	27	6	410	ND	ND	ND	ND	ND	47,440	47,440	499	14,391	32,550	32,550	52,038	52,038	0.37	0.37			
2001	552	4,128	371	80	8	638	ND	ND	ND	ND	ND	53,610	53,610	825	15,144	37,641	37,641	60,724	60,724	0.38	0.38			
2002	256	6,511	249	15	6	606	ND	ND	ND	ND	ND	56,800	56,800	665	10,678	45,457	45,457	66,372	66,372	0.32	0.32			
2003	120	10,174	744	53	11	1,016	ND	ND	ND	ND	ND	85,110	85,110	1,803	16,120	67,187	67,187	98,052	98,052	0.31	0.31			
2004	996	14,897	916	218	10	792	ND	ND	ND	ND	ND	79,690	79,690	1,019	14,988	63,683	63,683	99,905	99,905	0.36	0.36			
2005	624	15,183	1,103	639	11	997	ND	ND	ND	ND	ND	77,440	77,440	1,267	15,927	60,246	60,246	98,284	98,284	0.39	0.39			
2006	563	6,840	631	61	11	1,034	ND	ND	ND	ND	ND	62,270	62,270	830	12,490	48,950	48,950	74,732	74,732	0.34	0.34			
2007	478	8,445	547	38	6	1,509	ND	0	0	1,509	ND	47,370	47,370	670	9,690	37,010	37,010	60,143	60,143	0.38	0.38			
2008	310	5,203	392	23	15	1,362	ND	0	0	1,362	ND	42,840	42,840	370	10,128	32,342	32,342	51,156	51,156	0.37	0.37			
2009	154	3,839	515	64	4	1,189	ND	0	0	1,189	ND	29,940	29,940	626	7,904	21,410	21,410	36,837	36,837	0.42	0.42			
2010	335	4,567	323	32	21	865	ND	0	0	865	ND	23,250	23,250	264	6,762	16,224	16,224	29,839	29,839	0.46	0.46			
2011	528	5,596	356	88	5	1,243	ND	0	0	1,243	ND	27,090	27,090	479	6,894	19,717	19,717	35,363	35,363	0.44	0.44			
2012	30	484	115	41	0	40	ND	0	0	40	ND	2,910	2,910	95	101	27,714	27,714	28,622	28,622	0.03	0.03			
2013	ND	2,289	267	117	8	11	ND	0	0	11	ND	17,015	17,015	79	1,541	15,395	15,395	19,744	19,744	0.22	0.22			
Average																								
1986-2002	955	7,389	523	51	6	308	ND	191	191	308	ND	47,930	47,930	395	11,997	35,538	35,538	57,451	57,451	0.38	0.38			
2003-2013	414	7,047	537	125	9	914	ND	0	0	914	ND	47,266	47,266	682	9,322	37,262	37,262	57,516	57,516	0.34	0.34			
1986-2013	754	7,255	528	85	8	586	ND	88	88	586	ND	47,669	47,669	508	10,946	36,215	36,215	57,476	57,476	0.36	0.36			

Note: ND = No data available.
^a From Fleischman and McKinley 2013, FMS 13-02.
^b Eastside setnet and drift gillnet commercial harvest data using genetic stock allocation from Fleischman and McKinley 2013, FMS 13-02; Tony Eskelin personal communication.
^c Eastside setnet and drift gillnet personal use data using genetic stock allocation from Fleischman and McKinley 2013, FMS 13-02; Tony Eskelin personal communication.
^d Total includes fish harvested from Coho, Salmon, and Kallifornsky Beaches, and the Kenai River.
^e 1986-1994 from SWHS, 1995 (Ruesch and Fox 1996). 1996-2012 are estimates from returned permits.
^f Some harvest is below sonar and not counted against escapement.
^g Sport harvest includes Creel survey estimates for the area from Cook Inlet to the Soldina Bridge and estimates from the SWHS for Soldina Bridge to outlet of Skilak Lake.
^h Inriver run estimates thru 2012 are median values in Table 6 of Fleischman and McKinley 2013, FMS 13-02.
ⁱ Harvest estimate does not include Kaslof River terminal fishery which occurred 2005-2008.
^j 2013 estimates are preliminary until biometrically reviewed and published.

Age Kenai River Late Run ^{run} King Salmon

3 1.1 M 17" - 21" $\approx 16.9"$
1.1 F

4 1.2 M 21" - 36" $\approx 25.6"$
1.2 F 23" - 33"

5 1.3 M 28" - 46" $\approx 32.6"$
1.3 F 30" - ~~34~~ 46"

6 1.4 M 35" - 56" $\approx 40.1"$
1.4 F 36" - 52"

7 1.5 M ~~44~~ 44" - 57" $\approx 43.7"$
1.5 F 41" - 51"

(relative size)