

February 25, 2017

John Jensen

Chairman, Alaska Board of Fisheries

Dear Mr. Jensen,

In many of the current ADF&G reports, they have used data from 2010, 2011, and 2013-2016 seasons to formulate their data regarding the current KRLR king salmon large fish goal.

I have attached 3 tables taken various ADF&G reports which demonstrate the following:

- Not all ESSN harvest of KRLR Chinook are bound for the Kenai River
 - Approx. 70% of the ESSN Chinook harvest are Kenai Mainstem fish (see p2)

- ESSN Large fish harvest component (75 cm METF)
 - Typically Age 5,6, and 7 fish
 - Approx. 53% of the KR Mainstem bound fish are of this size (see p3 and p4)

- It is often misunderstood that the ESSN fishery uses all the EO hours which are allotted in the management plans
 - On average 54% - 55% of the available hours are utilized (see p5)

The ESSN targets sockeye and is not the predominant harvester of LR Kenai River King Salmon and ADFG has the ability to manage within the SEG without the "paired restrictions" or prescriptive "triggers" currently found in the KRLR King Salmon Management Plan.

Thank you,



Norm Darch

Table 9.— ~~Stock composition and stock-specific harvest estimates including mean and 90% credibility intervals (CI) for Chinook salmon harvested in the Eastside set gnet fishery, Upper Cook Inlet, Alaska, 2010, 2011, 2013–2016.~~

Reporting group	Year	Stock composition			Stock-specific harvest		
		Mean	90% CI		Harvest	90% CI	
			5%	95%		5%	95%
Kenai River tributaries	2010	0.011	0.001	0.031	75	4	220
	2011	0.001	0.000	0.008	9	0	59
	2013	0.001	0.000	0.010	4	0	30
	2014	0.002	0.000	0.012	4	0	28
	2015	0.002	0.000	0.011	19	0	86
	2016	0.004	0.000	0.012	24	0	81
	Average	0.002			22		
Kenai River mainstem	2010	0.643	0.581	0.703	4,536	4,100	4,963
	2011	0.667	0.601	0.733	5,135	4,624	5,641
	2013	0.766	0.727	0.804	2,289	2,173	2,401
	2014	0.609	0.555	0.664	1,401	1,276	1,527
	2015	0.770	0.709	0.814	5,988	5,519	6,330
	2016	0.736	0.687	0.770	4,972	4,645	5,205
	Average	0.643			4,950		
Kasilof River mainstem	2010	0.326	0.271	0.383	2,305	1,915	2,701
	2011	0.330	0.265	0.395	2,538	2,038	3,042
	2013	0.213	0.178	0.250	637	530	748
	2014	0.387	0.333	0.441	891	766	1,015
	2015	0.201	0.160	0.260	1,564	1,242	2,025
	2016	0.247	0.215	0.293	1,667	1,451	1,982
	Average	0.284			1,600		
Cook Inlet other	2010	0.020	0.003	0.047	144	19	334
	2011	0.002	0.000	0.011	14	0	84
	2013	0.019	0.010	0.030	57	29	89
	2014	0.002	0.000	0.010	4	0	22
	2015	0.027	0.014	0.042	211	112	327
	2016	0.014	0.007	0.024	96	44	160
	Average	0.014			88		

70.1%

Appendix A15.-Age composition of Chinook salmon harvested in the Upper Subdistrict set gillnet fishery, UCI, Alaska, 1986-2016.

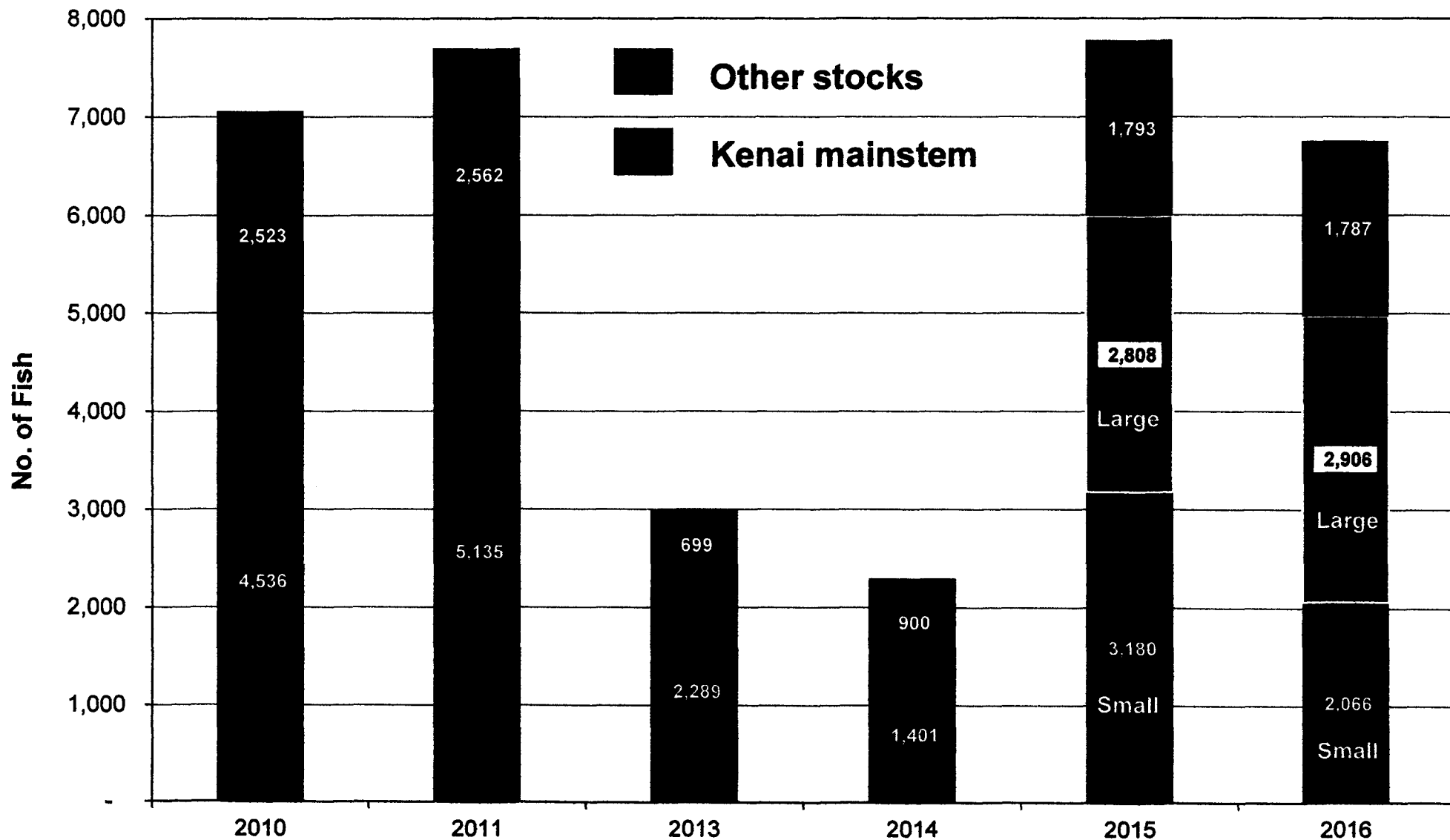
Year	Sample Size	Percent Composition by Age Class (%)											Total			
		0.2	1.1	0.3	1.2	2.1	[REDACTED]									
1987	1,212	0.08	2.06	0.08	14.69			33.01	0.17	48.50	0.25	1.07	0.08	100		
1988	870		3.22		10.81		0.23	14.25	0.35	68.50	0.12	1.83	0.69	100		
1989	854		0.94		15.11			21.08	0.23	53.28		9.37		100		
1990	437	0.22	1.14	0.22	29.48	0.92	0.46	28.99	0.46	32.66	0.43	3.43	1.59	100		
1991	446	0.22	0.67		24.90	0.22	0.45	32.06	0.00	38.54	0.67	2.02	0.22	100		
1992	688		2.46		14.97			27.62	0.58	49.56	0.88	3.78	0.15	100		
1993	992		3.33		14.01			20.76	0.10	56.46	0.80	4.04	0.50	100		
1994	1,502		3.53		12.28	0.08		14.67	0.25	61.28	0.45	5.81	1.59	0.05	100	
1995	1,508		2.73		22.35	0.09		32.88	0.76	34.95	0.11	5.90	0.19	0.05	100	
1996	2,186		3.25		15.83	0.06		34.87	0.15	42.34	1.55	1.49	0.46	100		
1997	1,691		6.38		13.51	0.27		31.08	0.27	45.64	0.72	0.73	1.40	100		
1998	911	0.46	11.80	0.22	23.18	0.34	0.10	21.06	1.57	38.38	0.54	1.87	0.56	100		
1999	1,818	0.05	2.32		26.30	0.16		24.52		43.46	0.40	2.78		100		
2000	991		9.15	0.08	12.19	0.88		38.65	0.33	37.61	0.27	0.77	0.08	100		
2001	989		11.70		40.04			14.53		32.52		1.23		100		
2002	1,224		10.60	0.04	29.28			36.68		22.57		0.71	0.12	100		
2003	678		3.83		51.77			23.60	0.30	18.73		1.77		100		
2004	1,409		3.54		19.83	0.07		48.22		27.64	0.04	0.67		100		
2005	482	0.21	2.90		26.97			20.13	0.42	47.50		1.66	0.21	100		
2006	560		12.86		35.35			21.96	0.18	27.14		2.50		100		
2007	789		4.82		42.71			22.44	0.13	28.51		1.27	0.13	100		
2008	380		10.27		19.73			27.64		40.78		1.59		100		
2009	487		13.76		51.34			12.31		21.98		0.61		100		
[REDACTED]	743		18.27		24.62			[REDACTED]		[REDACTED]		[REDACTED]		100		
[REDACTED]	1,187		4.56		33.70			[REDACTED]		[REDACTED]		[REDACTED]		100		
2012	167		9.59		17.98			36.64		35.79				100		
[REDACTED]	668		22.69		43.44			[REDACTED]		[REDACTED]		[REDACTED]		100		
[REDACTED]	459		17.57		32.25			[REDACTED]		[REDACTED]		[REDACTED]		100		
[REDACTED]	610		14.2		37.4			[REDACTED]		[REDACTED]		[REDACTED]		100		
[REDACTED]	809		6.7		28.5			[REDACTED]		[REDACTED]		[REDACTED]		100		
Mean	925	0.05	7.60	0.03	28.60	0.13	0.05	29.83	0.27	42.85	0.31	2.46	0.33	0.00	0.00	100

118

27.66 .018 24.24 .0416 .725 (FOR 2010-2016 LESS 2012)
 52.68%

KENAI RIVER LATE-RUN KING SALMON MANAGEMENT PLAN

ESSN King Salmon Harvest



ESSN Hours Available vs Hours Fished

Kasifof Section					Kenai and East Forelands Sections				
<u>Year</u>	<u>hours in Plan</u>	<u>Hours used</u>	<u>Window Hours in Plan</u>	<u>Window Hours Observed</u>	<u>hours in Plan</u>	<u>Hours used</u>	<u>Window Hours in Plan</u>	<u>Window Hours Observed</u>	
2010	324	306	312	312	228	187	240	240	
2011	366	258	264	288	270	163	192	216	
2012 omitted due to severe restrictions									
2013	402	44	396	396	306	18	324	324	
2014	252	154	180	180	120	72	108	108	
2015	255	153	300	297	123	201	228	225	
2016	516	220	216	216	372	143	108	108	
Average	352.50	189.17	278.00	281.50	236.50	130.67	200.00	203.50	
% of available hours used <u>54%</u>					<u>55%</u>				

From: ADFG Upper Cook Inlet Commercial Fishing Annual Management Report 2010, 2011, 2013-2016 (Table 4)