PUBLIC TESTIMONY SIGN-UP SHEET

Agenda Item: C2 BSAI Crab Specifications

	NAME *(Please Print)*	TESTIFYING ON BEHALF OF:	Check the boxes below if you will have a PowerPoint or Handout: Handout	PPT
1	Adam Boeckmann	NSRKC	✓	
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NOTE to persons providing oral or written testimony to the Council: Section 307(1)(I) of the Magnuson-Stevens Fishery Conservation and Management Act prohibits any person " to knowingly and willfully submit to a Council, the Secretary, or the Governor of a State false information (including, but not limited to, false information regarding the capacity and extent to which a United State fish processor, on an annual basis, will process a portion of the optimum yield of a fishery that will be harvested by fishing vessels of the United States) regarding any matter that the Council, Secretary, or Governor is considering in the course of carrying out this Act.

C2 Public Testimony

				Prerecruit 2	Prerecruit 1	Legal		Prerecruit 2	Prerecruit 1	Legal	Prerecruit 2	Prerecruit 1	Legal
Year	Dates	Agency	Gear	males	males	males[4]	females	males	males	males	males	males	males
1976	9/02–9/05, 9/16–10/07	NMFS	Trawl	58(38)	110(213)	180(614)	101(35)	653,106	1,414,353	2,491,086	285,637	642,876	801,298
1979 *	7/26–8/05	NMFS	Trawl	N/A	N/A	90(86)	N/A	19,038	47,313	813,274	16,488	22,711	204,197
1980 †	7/04–7/14	ADF&G	Pots			3,290	158			1,900,000			
1981	6/28–7/14	ADF&G	Pots			3,415	1,933			1,285,195			
1982	7/06–7/20	ADF&G	Pots			2,001	424			353,273			
1983	9/05–9/11	NMFS	Trawl	42	107	97	256	379,347	1,012,272	918,686	120,610	295,984	243,467
1985	7/01–7/14	ADF&G	Pots			4,645	181			907,579			
1988	9/16–10/1	NMFS	Trawl	63	94	139	139	402,922	664,594	1,132,662	157,046	281,598	249,394
1991	8/16–8/30	NMFS	Trawl	82(0)	69(1)	135(3)	212(2)	583,924	486,570	972,757	146,733	249,394	354,901
1996	8/22–8/30	NMFS	Trawl	39	42	166	105	386,338	408,241	1,545,558	297,059	157,018	450,814
1999	8/01–8/18	ADF&G	Trawl	39(36)	32(17)	53(14)	98(70)	395,888	277,595	528,431	243,594	78,712	157,909
2001	7/28–8/07	ADF&G	Trawl	9(3)	64(38)	103(63)	64(18)	96,295	582,799	1,542,589	56,017	165,689	318,731
2006	7/27–8/06	ADF&G	Trawl	34(18)	42(23)	61(29)	116(35)	393,689	482,815	740,450	83,797	81,271	81,271
2008	7/25–8/08	ADF&G	Trawl	77(3)	37(16)	51(18)	66(1)	937,083	571,890	718,379	551,144	153,272	105,487
2011	7/24–8/11	ADF&G	Trawl	51(18)	46(19)	53(15)	90(2)	795,777	689,843	811,727	187,516	120,153	152,145
2014	7/18–8/15	ADF&G	Trawl	25(15)	19(10)	84(39)	98(25)	431,153	311,550	1,310,634	151,713	87,866	123,310
2017	7/28–8/08	ADF&G	Trawl	102	139	115	60	1,547,538	2,110,274	1,747,720	643,563	1,474,574	912,399
2018	7/22–7/29	ADF&G	Trawl	17	19	62	43	258,235	288,615	941,797	78,381	100,434	270,551
				14	9	20	424	212,664	151,903	303,806	58,798	61,909	93,597

[1] Number of crabs captured on ADF&G pot surveys represent data standardized for a 24-hour soak.

[2] For the 1978, 1979, 1988, and all ADF&G trawl catches, the numbers outside of parentheses exclude catch from resampled stations. The numbers in parentheses represent catch from resampled stations. The 1979, 1996, 2006, and 2008 population estimates incorporated resampled stations by combining catches and tow distances for each station resampled. No stations were resampled in 2014 due to weather concerns and lack of time, and resampling was removed from protocol in 2017.

[3] Population estimates are valid for the date of the survey (i.e., either before or after the summer commercial fishery). In 2014 all historical abundances were updated based on newly recovered data.

[4] Legal male red king crab were defined as ≥121 mm (4.75 in) in carapace width (CW) for the pot surveys and all ADF&G trawl surveys.

[5] Prerecruit-1 and prerecruit-2 male and female data are not available for the 1976 survey.

[6] The 1980 pot survey estimate has been revised from the original report.

[7] Tagged crabs.

Tagging proportions:

	Empty Clut	Partial Clut	Full Clutch	total	Empty	Partial	Full
2012	5	21	73	99	0.050505	0.212121	0.737374
2013	64	15	156	235	0.27234	0.06383	0.66383
2014	9	89	448	546	0.016484	0.163004	0.820513
2015	4	28	429	461	0.008677	0.060738	0.930586
				1341			

Observer

	Empty Clut	Partial Clut	Full Clutch	total	Empty	Partial	Full
2012	7	98	8	113	0.061947	0.867257	0.070796
2013	19	60	4	83	0.228916	0.722892	0.048193
2014	6	59	35	100	0.06	0.59	0.35
2015	3	218		221	0.013575	0.986425	0
2016	9	663	189	861	0.010453	0.770035	0.219512
2017	13	257	97	367	0.035422	0.700272	0.264305
2018	10	316	238	564	0.01773	0.560284	0.421986
2019	30	32	1	63	0.47619	0.507937	0.015873

Trawl	Empty Clut	Partial Clut	Full Clutch	total	Empty	Partial	Full
2011	6	44	10	60	0.1	0.733333	0.166667
2014		35	3	38	0	0.921053	0.078947
2017	8	14	8	30	0.266667	0.466667	0.266667
2018	4	11	4	19	0.210526	0.578947	0.210526
2019	54	56	6	116	0.465517	0.482759	0.051724

Only crab greater than 71 mm CL were examined

100
90
80
70
60
50
40
30
20
10
0

Cut off : anything smaller than 65 mm CL excluded because immature
(Paul et al 1991 says 50% maturity is 71 mm CL)

100
90
80
70
60
50
40
30
20
10
0

Used coxa maturity per trawl methods

in 2017
Cut off : anything smaller than 65 mm CL excluded because immature
(Paul et al 1991 says 50% maturity is 71 mm CL)

100
90
80
70
60
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40
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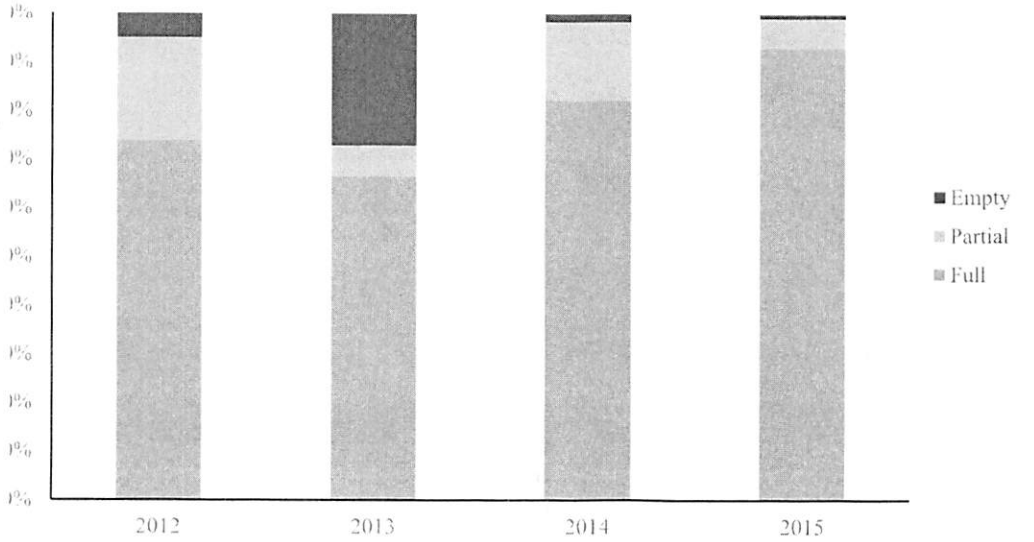
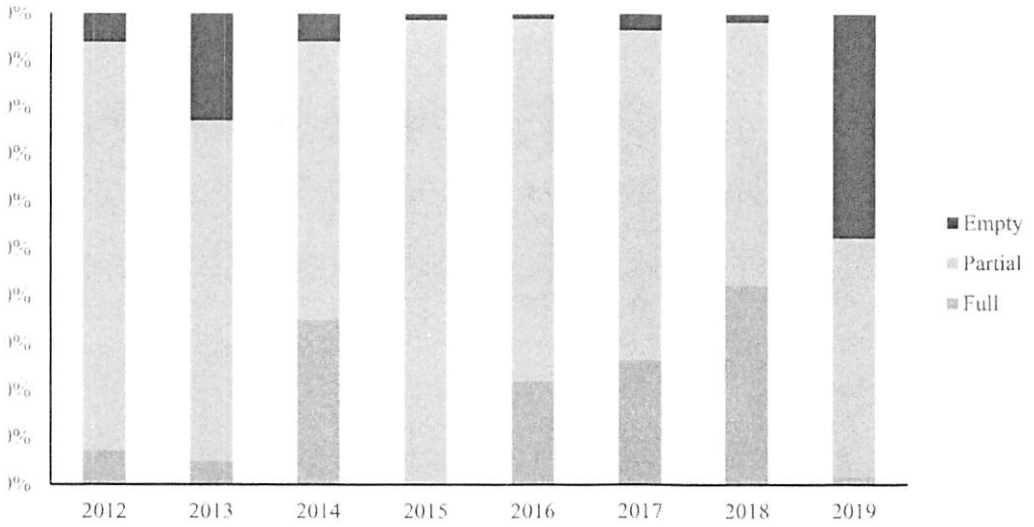
0

Spring Tagging



Observer



Trawl Survey