

RKC 2011/2012 SEASON SUMMARY

Harvest

	GHL	Pounds	#Crabs	#Lifts
Juneau	9,000	9,934	1,081	136
Pybus/Gambier	66,000	59,899	6,922	1,461
St.				
James/Excursion	29,000	13,026	1,610	1,083
Non-Surveyed	97,000	93,686	11,388	5,399
Total	201,000	176,545	21,013	8,079

Harvest by Surveyed/Non- Surveyed	Surveyed	Non-Surveyed	Total
Pounds	82,859	93,686	176,545
Percentage	47.0%	53.0%	
Harvest Goal	53%	47%	200,695

Value of Fishery

Value	\$/lb
\$1,881,969.70	10.66



RKC Summary cont.

	Whole	Deadloss	Soft shell	Personal Use
Total	172,114	741	2,938	752
Percent	98%	<1%	1%	<1%

Effort

	K19A	K29A	K49A	K69A	Total
Registered	6	7	15	28	56
Total w/landings	6	7	13	28	54



RKC Summary cont.

Dockside sampling

Shell age

Shell 2 (light)	1
Shell 3 (new)	1,943
Shell 4 (old)	1,216
Shell 5 (very old)	34
Total crab sampled:	3,194
15% of the total crab caught.	

Recruit Composition Harvest

Recruit	20%
Post-recruit	80%

Recruit Composition Survey

Recruit	23%
Post-recruit	77%





2011 & 2012 RKC Survey

2011

2012

Survey Area	Biomass of Legal Crab	Biomass of Mature Crab	Adjusted Mature Biomass	2011 Harvest	Legal Biomass-Harvest	Survey Area	Biomass of Legal Crab	Biomass of Mature Crab	Adjusted Mature Biomass
Pybus Bay	77,832	78,266	236,459	41,834	35,998	Pybus Bay	27,970	28,771	86,925
Gambier Bay	44,882	46,306	217,811	18,065	26,817	Gambier Bay	15,023	15,837	74,491
Seymour Canal	6,384	6,424	N/A	0	0	Seymour Canal	4,550	5,195	49,517
Peril Strait	20,388	23,204	N/A	0	0	Peril Strait	15,514	21,587	32,040
Juneau Area	197,677	220,662	N/A	9,934	187,743	Juneau Area	174,682	224,301	N/A
Lynn Sisters	29,968	30,515	47,980	3,401	26,567	Lynn Sisters	15,359	17,196	27,039
Excursion Inlet	19,271	29,113	143,887	9,538	9,733	Excursion Inlet	2,584	7,054	34,866
Port Frederick	12,529	14,696	N/A	0	0	Port Frederick	12,284	14,859	66,037
Other Areas	499,804	549,005	1,113,595	93,686	406,118	Other Areas	267,967	334,799	595,215
Total	913,077	1,002,961	2,034,393			Total	538,779	673,153	1,196,750



Survey Improvements

- ▣ Only recording commercial important by-catch
- ▣ Adding 50 and 100 fathom shots to our line inventory
- ▣ Setting more gear: RKC 555 (2011) to 629 (2012) pots set
- ▣ Increased sub-sample rate on females
- ▣ Experimental pots at Round Rk. RKC
- ▣ Cut portions of Excursion, Holkham, and Seymour where the survey has historically caught no crab.
- ▣ Updated the Nyman Allocation to more recent years.

2011/2012 Tanner Crab Season Summary

Area/time period	Pots			Rings (2.4%)		
	Pounds	# Crab	# Lifts	Pounds	# Crab	# Lifts
Core area 2/16-2/23	932,941	358,421	19,295	19,229	7,759	5,337
Non-core 2/16-2/23	113,543	45,319	2,954	7,856	3,013	1,309
Non-core 2/24-3/28	36,215	14,051	1,271			
Total	1,082,699	417,791	23,520	27,085	10,772	6,646
CPUE (crab/lift)		17.8			1.62	
Average Weight (lbs)			2.56			

Harvest by Core Non-core			
	Core	Non-Core	Total
Pounds	952,170	157,614	1,109,784
Percentage	85.5%	14.5%	

	Whole	Bitter	Deadloss	Soft shell	Personal Use
Pot Gear	997,862	77,409	4,572	206	2,650
Ring Net	26,609	342	80	25	29
Total	1,024,471	77,751	4,652	231	2,679
Percent	92%	7%	<1%	<1%	<1%



Tanner Summary cont.

Harvest by district

District	2010/11	2011/12
6	15,520	27,699
7	*	*
8	36,745	44,348
9	*	*
10	116,311	172,553
11	383,802	411,266
12	30,372	36,346
13	11,294	26,089
14	231,424	304,206
15	59,888	74,593
Total	891,344	1,109,784

* Less than three permits = confidential

Value of Fishery

	Value	\$/lb
Pot	2,715,632	2.51
Ring	66,800	2.47
Total	2,782,532	2.50
Number of Processors		5



Tanner Summary cont.

Dockside sampling

Shell age

Shell 2 (light)	11
Shell 3 (new)	3,038
Shell 4 (old)	1,341
Shell 5 (very old)	9
Total crab sampled	4,396

Recruit Composition

Pre-recruit	.5%
Recruit	64%
Post-recruit	35%





Tanner Crab Survey

2011 Survey

Survey area	Biomass of legal crab	Biomass of mature crab	2011 Catch
TCS			
Icy Strait	80,039	171,469	99,903
Glacier Bay	227,644	452,488	90,119
Stephens Passage	173,108	218,939	76,819
Thomas Bay	93,531	161,099	58,819
Holkham Bay	134,856	208,265	165,485
Port Camden	13,212	34,972	*
RKCS			
Seymour Canal	183,962	249,924	63,797
North Juneau	134,772	156,580	26,530
Excursion Inlet	167,244	240,803	28,649
Pybus Bay	114,162	150,178	48,269
Gambier Bay	23,545	28,147	*
Peril Strait	43,751	96,952	26,089
Lynn Sisters	26,976	32,577	*
Port Frederick	9,192	11,120	7,379

2012 Regional Mature Biomass

5.3 Million lbs. **↑** 70%

**Fishery opens:
12:00pm
February, 17,
2013**



Survey Improvements

- ▣ Only recording commercial important by-catch
- ▣ Adding 50 and 100 fathom shots to our line inventory
- ▣ Setting more gear: Tanner 298 (2011) to 338 (2012) pots
- ▣ Increased sub-sample rate on females



Tanner Crab Management

The initial period of the commercial Tanner crab fishing season in the core areas and non-core areas will be at least five days in length.

Pots Registered	Additional Fishing Days	
	If the mature biomass is at least 2,300,000 pounds, but less than 5,500,000 pounds	If the mature biomass is 5,500,000 pounds or greater
1,600 - 2,399	4 additional days	5 additional days
2,400 - 3,199	3 additional days	4 additional days
3,200 - 3,999	2 additional days	3 additional days
4,000 - 4,799	1 additional day	2 additional days
4,800 - 5,599	1 additional day	2 additional days
5,600 - 6,399	0 additional days	1 additional day
6,400 - 7,000	0 additional days	1 additional day

As of 5pm 12/6/12: 80 pots registered