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Table 1. Observer coverage levels in the Bering Sea and Aleutian Islands crab fisheries.

Fishery	Preseason registration deadline <sup>a</sup>	Catcher vessels (C/V)		Catcher processors (C/P)	
		Observer coverage	Observer costs funded <sup>b</sup>	Observer coverage	Observer costs funded
Saint Matthew Island Section blue king crab (SMB)	none	100%	no	100%	no
Saint Matthew Island Section golden king crab	none	100%	no	100%	no
Pribilof District red & blue king crab (PIK)	none	100%	no	100%	no
Pribilof District golden king crab	none	100%	no	100%	no
Bristol Bay red king crab (BBR)	Sep-24	20% <sup>c</sup>	yes	100%	20% <sup>d</sup>
Eastern Bering Sea Tanner crab (EBT)	Sep-24	30–100% <sup>c</sup>	yes	100%	30% <sup>d</sup>
Western Bering Sea Tanner crab (WBT)	Sep-24	30–100% <sup>c</sup>	yes	100%	30% <sup>d</sup>
Bering Sea snow crab (BSS)	Sep-24	30% <sup>c</sup>	yes	100%	30% <sup>d</sup>
Bering Sea hair crab	none	100%	no	100%	no
Area J grooved and triangle Tanner crab	none	100%	no	100%	no
Eastern Aleutian Islands golden king crab (EAG)	none	50% <sup>e</sup>	yes	100%	no
Western Aleutian Islands golden king crab (WAG)	none	50% <sup>e</sup>	yes	100%	no
Aleutian Islands red king crab between 171° W long and 179° W long	none	100%	no	100%	no
Western Aleutian Islands red king crab west of 179° W long (WAI)	none	100%	no	100%	no

<sup>a</sup> When the preseason vessel registration deadline occurs on a weekend or holiday, the deadline is extended to the next business day.

<sup>b</sup> C/V observer coverage is funded with test-fishery revenues and federal crab rationalization funds.

<sup>c</sup> For Bristol Bay red king, Eastern and Western Bering Sea Tanner, and Bering Sea snow crab, C/V observer coverage is the percentage of randomly selected C/Vs preseason registered for each fishery where C/V observer deployment costs are paid with Bristol Bay red king crab test-fishery revenues and federal crab rationalization funds.

<sup>d</sup> For C/Ps fishing Bristol Bay red king, Eastern and Western Bering Sea Tanner, and Bering Sea snow crab, a percentage of the C/P observer coverage is refunded through ADF&G contracts and paid with Bristol Bay red king crab test-fishery revenues.

<sup>e</sup> For Aleutian Islands golden king crab, coverage is set at a percentage of the harvest on each C/V during each of three trimesters where C/V observer deployment costs are paid with Aleutian Islands golden king crab test-fishery revenues.

Table 2. Summary of FY17 Bristol Bay red king crab test-fishery account revenues and expenses.

<u>Bering Sea test-fishery budget allocation</u>	
Test-fishery account balance carried forward from FY16 into FY17	\$ 917,975
Test-fishery revenue	\$ 416,700
Sum of carry forward and revenue	\$ 1,334,675
Test-fishery expenditures	\$ 392,695
Test-fishery account funds to be carried forward from FY17 for start up funds in FY18	<u>\$ 941,980</u>

Table 3. Comparison of projected and actual C/V effort and observer coverage for Bering Sea crab fisheries.

Fiscal Year	BBR				BSS				EBT and WBT							
	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed				
FY06 projected	129	NP	26	20	129	NP	39	30	NP	NP	NP	NP				
FY06 actual	84	85	20	24	106	77	27	35	101	70 <sup>b</sup>	14	20				
FY07 projected	100	NP	20	20	100	NP	30	30	NP	NP	7	30				
FY07 actual	84	78	18	23	76	63	24	38	76	64 <sup>c</sup>	20	31				
FY08 projected	85	NP	17	20	80	NP	24	30	NP	NP	14	30 - 100				
FY08 actual	82	71	19	27	88	76	26	34	63	57 <sup>d</sup>	26	46				
Fiscal Year	BBR				BSS				EBT <sup>e</sup>				WBT <sup>e</sup>			
	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed	# C/Vs preseason registered <sup>a</sup>	registered C/V effort	# C/Vs observed	% C/Vs observed
FY09 projected	75	NP	15	20	80	NP	24	30	NP	NP	10	30 - 100	NP	NP	10	30 - 100
FY09 actual	86	75	19	25	85	73	25 <sup>f</sup>	34	75	10	8 <sup>f</sup>	80	73	7	5 <sup>f</sup>	71
FY10 projected	75	NP	15	20	75	NP	22	30	NP	NP	10	30 - 100	NP	NP	7	30 - 100
FY10 actual	86	68	19	28	94	67	22	32	82	10	10	100	FC	FC	FC	FC
FY11 projected	86	NP	18	20	94	NP	28	30	NP	NP	10	30 - 100	NP	NP	NP	NP
FY11 actual	81	63	14	22	84	66	23	35	FC	FC	FC	FC	FC	FC	FC	FC
FY12 projected	86	70	16	19-21	94	70	26	28-38	NP	NP	NP	NP	NP	NP	NP	NP
FY12 actual	81	62	15	24	84	72	24 <sup>g</sup>	33	FC	FC	FC	FC	FC	FC	FC	FC
FY13 projected	81	62	13	16-20	84	70	21	25-30	NP	NP	NP	NP	NP	NP	NP	NP
FY13 actual	82	62	16 <sup>h</sup>	25	83	70	24 <sup>g</sup>	34	FC	FC	FC	FC	FC	FC	FC	FC
FY14 projected	82	62	13	16-20	83	70	21	25-30	NP	NP	NP	NP	NP	NP	NP	NP
FY14 actual	82	64	16	25	82	67	19	28 <sup>f,i</sup>	71	16	4	25 <sup>f,i</sup>	76	16	4	25 <sup>f,i</sup>
FY15 projected	82	65	13	16-20	82	70	21	25-30	75	16	5	31	75	16	5	31
FY15 actual	76	61	11	18	78	68	22	32 <sup>f,i</sup>	66	36	13	36 <sup>f,i</sup>	67	26	8	31 <sup>f,i</sup>
FY16 projected	76	65	13	16-20	78	70	22	25-30	66	36	12	33	67	26	8	31
FY16 actual	82	65	12	18	81	68	22	32 <sup>f,i</sup>	78	47	17	36 <sup>f,i</sup>	76	36	16	44 <sup>f,i</sup>
FY17 projected	82	65	13	16-20	81	68	21	25-30	78	47	14	30	76	36	11	31
FY17 actual	77	66	16	24	78	64	22	34 <sup>f</sup>	72	FC	FC	FC	71	FC	FC	FC <sup>f</sup>
FY18 projected	77	66	13	20	78	64	20	30	72	FC	FC	FC	71	36	11	30
FY18 actual																

Note: BBR = Bristol Bay red king crab, BSS = Bering Sea snow crab, EBT = Eastern Bering Sea Tanner crab, WBT = Western Bering Sea Tanner crab, C/V = Catcher vessel, NP = No projection, and FC = Fishery closed

<sup>a</sup> Selection of C/Vs for observer coverage is based on the number of C/Vs preseason registered with intent to fish. The deadline for preseason registration is September 24. Vessels are allowed to late-register if certain criteria are met.

<sup>b</sup> One-hundred-one C/Vs preseason registered with intent to fish, 70 C/Vs registered to harvest Tanner crab and 14 of the 41 C/Vs that delivered Tanner crab, whether targeted or bycatch, carried observers.

<sup>c</sup> Seventy-six C/Vs preseason registered with intent to fish, 64 C/Vs registered to harvest Tanner crab and 20 of the 55 C/Vs that delivered Tanner crab, whether targeted or bycatch, carried observers.

<sup>d</sup> Sixty-three C/Vs preseason registered with intent to fish, 57 C/Vs registered to harvest Tanner crab and 26 of the 41 C/Vs that delivered Tanner crab, whether targeted or bycatch, carried observers.

<sup>e</sup> Beginning October 15, 2008 vessels may no longer be registered to harvest Bering Sea Tanner crab and Bering Sea snow crab at the same time aside from a 5% incidental take allowance.

<sup>f</sup> Some C/Vs were allowed to carry an observer for only a portion of their snow or Tanner crab harvest dependent on vessel fishing plans and observer availability; the % CVs observed may not match the % harvest observed.

<sup>g</sup> Many of the observed C/Vs carried an observer for only a portion of their snow crab harvest due to Bering Sea ice conditions and program budgetary constraints allowing for only a set number of observer deployment days. Vessels not selected originally were required to carry observers when the selection list was exhausted and to assure that observers were collecting data at all times during the fishery.

<sup>h</sup> Includes 3 vessels that harvested test-fishery crab.

<sup>i</sup> Due to opening of EBT and WBT and limited availability of observers, observers were distributed between BSS, WBT and EBT to best meet observer coverage goals.



Table 5. The 2016/2017 Bristol Bay red king crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2005/2006.

	Source of Cost		Totals
	ADF&G	SOA contract	
Number of deployments		8	Total deployments 8
Observer deployment days		124	Total deployment days 124
Cost of observers <sup>a</sup>		\$ 42,284	Total observer personnel \$ 42,284
Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board <sup>a</sup>	\$ -	\$ -	Total non-remote \$ -
Expenses per source between Dutch Harbor and remote ports for transportation, and room and board	\$ -	\$ 5,632	Total remote \$ 5,632
			Total costs <sup>b</sup> \$ 47,916
Average C/V observer deployment lengths since 2005/2006			
Season	Fishery length (days)	Average deployment length (days) <sup>c</sup>	Deployment duration range (days) <sup>d</sup>
2005/06	93	26	9 - 89
2006/07	93	23	11 - 42
2007/08	93	28	9 - 68
2008/09	93	34	4 - 61
2009/10	93	26	6 - 53
2010/11	93	31	12 - 53
2011/12	93	17	5 - 29
2012/13	93	14	8 - 26
2013/14	93	22	11 - 31
2014/15	93	20	4 - 38
2015/16	93	16	7 - 27
2016/17	93	16	5 - 36

Note: BBR = Bristol Bay red king crab, C/V = Catcher vessel

<sup>a</sup>ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of \$341/day.

<sup>b</sup>A total of \$95,832 was spent on BBR C/V deployments; \$47,916 from test-fishery revenues and \$47,916 from crab rationalization federal fee reimbursements.

<sup>c</sup>Observers frequently deploy more than once during a fishery.

<sup>d</sup>Range includes the single shortest observer deployment to the single longest deployment.

Table 6. The 2016/2017 Bering Sea snow crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2005/2006.

	Source of Cost		Totals
	ADF&G	SOA contract	
Number of deployments	1	8	Total deployments 9
Observer deployment days	9	233	Total deployment days 242
Cost of observers <sup>a</sup>	\$ 1,033	\$ 79,453	Total observer personnel <sup>f</sup> \$ 80,486
Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board <sup>a</sup>	\$ -	\$ -	Total non-remote \$ -
Expenses per source between Dutch Harbor and remote ports for transportation, and room and board	\$ -	\$ 498	Total remote \$ 498
			Total costs <sup>b</sup> \$ 80,984
Average C/V observer deployment lengths since 2005/2006			
Season	Fishery length (days)	Average deployment length (days) <sup>c</sup>	Deployment duration range (days) <sup>d</sup>
2005/06	229	39	12 - 64
2006/07	229	59	8 - 73
2007/08	229	29	4 - 87
2008/09	229	43	3 - 81
2009/10	229	35	13 - 78
2010/11	229	41	11 - 97
2011/12	244 <sup>e</sup>	43	3 - 120
2012/13	229	48	11 - 95
2013/14	229	36	8 - 79
2014/15	229	33	4 - 78
2015/16	229	30	12 - 93
2016/17	229	29	8-58

Note: BSS = Bering Sea snow crab, C/V = Catcher vessel

<sup>a</sup>ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of \$341/day.

<sup>b</sup>A total of \$242,952 was spent on BSS C/V deployments; \$80,984 from test-fishery revenues, \$161,968 from crab rationalization federal fee reimbursements.

<sup>c</sup>Observers frequently deploy more than once during a fishery.

<sup>d</sup>Range includes the single shortest observer deployment to the single longest deployment.

<sup>e</sup>The 2011/12 season was extended to June 15 due to persistent ice on the grounds through May.

Table 7. The 2016/2017 Eastern Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2005/2006.

	Source of Cost		Totals
	ADF&G	SOA contract	
Number of deployments	0	0	Total deployments 0
Observer deployment days	0	0	Total deployment days 0
Cost of observers <sup>a</sup>	\$ -	\$ -	Total observer personnel \$ -
Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board <sup>a</sup>	\$ -	\$ -	Total non-remote \$ -
Expenses per source between Dutch Harbor and remote ports for transportation, and room and board	\$ -	\$ -	Total remote \$ -
			Total costs <sup>b</sup> \$ -

  

Average C/V observer deployment lengths since 2005/2006			
Season	Fishery length (days)	Average deployment length (days) <sup>c</sup>	Deployment duration range (days) <sup>d</sup>
2005/06	168	39	11 - 37
2006/07	168	59	1 - 35
2007/08	168	20	3 - 51
2008/09	168	23	13 - 40
2009/10	168	14	9 - 25
2010/11	FC	NA	NA
2011/12	FC	NA	NA
2012/13	FC	NA	NA
2013/14	168	23	9 - 45
2014/15	168	20	5 - 44
2015/16	168	29	5 - 52
2016/17	FC	NA	NA

Note: EBT = Eastern Bering Sea Tanner crab, C/V = Catcher vessel, FC = Fishery closed, NA = Not applicable

<sup>a</sup>ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of \$341/day.

<sup>b</sup>A total of \$0 was spent on EBT C/V deployments; \$0 from test-fishery revenues, \$0 from crab rationalization federal fee reimbursements.

<sup>c</sup>Observers frequently deploy more than once during a fishery.

<sup>d</sup>Range includes the single shortest observer deployment to the single longest deployment.



Table 8. The 2016/2017 Western Bering Sea Tanner crab fishery C/V observer deployment costs paid with test-fishery revenues, and average observer deployment lengths since 2005/2006.

	Source of Cost		Totals
	ADF&G	SOA contract	
Number of deployments	0	0	Total deployments 0
Observer deployment days	0	0	Total deployment days 0
Cost of observers <sup>a</sup>	\$ -	\$ -	Total observer personnel \$ -
Expenses per source between Anchorage and Dutch Harbor for transportation, and room and board <sup>a</sup>	\$ -	\$ -	Total non-remote \$ -
Expenses per source between Dutch Harbor and remote ports for transportation, and room and board	\$ -	\$ -	Total remote \$ -
			Total costs <sup>b</sup> \$ -
Average C/V observer deployment lengths since 2005/2006			
Season	Fishery length (days)	Average deployment length (days) <sup>c</sup>	Deployment duration range (days) <sup>d</sup>
2005/06	168	39	11 - 37
2006/07	168	59	1 - 35
2007/08	168	20	3 - 51
2008/09	168	13	7 - 22
2009/10	FC	NA	NA
2010/11	FC	NA	NA
2011/12	FC	NA	NA
2012/13	FC	NA	NA
2013/14	168	21	12 - 37
2014/15	168	30	12 - 76
2015/16	168	25	10 - 76
2016/17	FC	NA	NA

Note: WBT = Western Bering Sea Tanner crab, C/V = Catcher vessel, FC = Fishery closed, NA = Not applicable

<sup>a</sup>ADF&G staff lodge in state housing when available. Costs for contract observer transportation and room and board, except travel to remote ports, are included in the contract cost of \$341/day.

<sup>b</sup>A total of \$0 was spent on WBT C/V deployments; \$0 from test-fishery revenues, \$0 from crab rationalization federal fee reimbursements.

<sup>c</sup>Observers frequently deploy more than once during a fishery.

<sup>d</sup>Range includes the single shortest observer deployment to the single longest deployment.

Table 9. The 2016/2017 Bristol Bay red king crab, Eastern and Western Bering Sea Tanner crab, and Bering Sea snow crab catcher-processor observer deployment costs paid with test-fishery revenues.

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Number of deployments 4

Observer deployment days 88

Cost of observers \$ 30,008

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Table 10. Summary of FY17 Bering Sea crab fisheries C/V and C/P observer deployment and program support costs paid with Bristol Bay red king crab test-fishery revenues.

	Source of Cost		
	ADF&G	Contract	
<i>OBSERVER DEPLOYMENT COSTS</i>			
Number of deployments	1	20	Total deployments <u>21</u>
Observer deployment days	9	445	Total deployment days <u>454</u>
Cost of observers	\$ 1,033	\$ 151,745	Total observer personnel <u>\$ 152,778</u>
Non-remote deployment expenses	\$ -	\$ -	Total non-remote <u>\$ -</u>
Remote deployment expenses	\$ -	\$ 6,130	Total remote <u>\$ 6,130</u>
			Total deployment costs <u>\$ 158,908</u>
<i>OBSERVER PROGRAM SUPPORT COSTS</i>			
<i>Supplies</i>			
Deployment and sampling supplies			
Office supplies (inc. new copy center)	\$ 820		
Safety supplies	\$ -		
Briefing and debriefing supplies	\$ 103		
Postage and shipping	\$ -		
Data forms	\$ -		
			Total supplies and equipment <u>\$ 923</u>
<i>Administrative</i>			
Travel and per diem			
Cell phone, sat phone, and internet	\$ 914		
			Total administration <u>\$ 914</u>
<i>Cost-recovery test fishery</i>			
Personnel	\$ 4,990		
Charter	\$ -		
Vessel Inspection	\$ -		
			Total cost-recovery <u>\$ 4,990</u>
<i>Office personnel salaries and benefits</i>			
Fishery Biologist III, 11 months	\$ 97,156		
Fishery Biologist II, 10 months	\$ 133,732		
Seasonal Fishery Biologist I, 4.5 months	\$ 49,997		
			Total office personnel <u>\$ 280,886</u>
			Total program support costs <u>\$ 287,713</u>
			Bristol Bay test-fishery budget expenditures \$ 446,621
			Crab rationalization federal fee reimbursement budget expenditures
			Program costs paid for with Bristol Bay test-fishery revenues and crab rationalization federal fee reimbursement <u>\$ 446,621</u>

Table 11. Summary of FY18 expenditure projections for observer program costs paid with Bristol Bay red king crab test-fishery revenues.

	Source of Cost		
	ADF&G	Contract	
<b>OBSERVER DEPLOYMENT COSTS</b>			
Bristol Bay red king crab observer coverage on 10% of catcher vessels			
Number of deployments	0	10	Total BBR deployments 10
Average deployment length (days)	0	18	Total BBR deployment days 180
Contract cost per observer day	\$ -	\$ 341	
Total observer personnel	\$ -	\$ 61,380	Total observer personnel \$ 61,380
Non-remote travel	\$ -	\$ -	Total non-remote \$ -
Remote travel	\$ -	\$ 6,000	Total remote \$ 6,000
			Expenditure projection for BBR C/V observer deployments \$ 67,380
Bering Sea snow crab observer coverage on 10% of catcher vessels			
Number of deployments	0	10	Total BSS deployments 10
Average deployment length	0	33	Total BSS deployment days 330
Contract cost per observer day	\$ -	\$ 341	
Total observer personnel	\$ -	\$ 112,530	Total observer personnel \$ 112,530
Non-remote travel	\$ -	\$ -	Total non-remote \$ -
Remote travel	\$ -	\$ 2,000	Total remote \$ 2,000
			Expenditure projection for BSS C/V observer deployments \$ 114,530
Cost reimbursement for Bristol Bay and Bering Sea crab observer days on catcher processors; 20% of BBR and 30% of BSS, EBT, WBT			
Number of deployments	0	6	Total C/P deployments 6
Average deployment length	0	13	Total C/P deployment days 78
Reimbursable cost per observer day	\$ -	\$ 341	
Total observer personnel	\$ -	\$ 26,598	Total observer personnel \$ 26,598
Non-remote travel	\$ -	\$ -	Total non-remote \$ -
Remote travel	\$ -	\$ -	Total remote \$ -
			Expenditure projection for C/P observer deployments \$ 26,598
			Total deployment cost projection \$ 208,508
<b>PROGRAM SUPPORT COSTS</b>			
Supplies			
Deployment and sampling supplies	\$ 2,000		
Office supplies	\$ 500		
Safety supplies	\$ -		
Briefing and debriefing supplies	\$ 500		
Postage and shipping	\$ -		
Data forms	\$ 1,500		
			Total supplies and equipment \$ 4,500
Administrative			
Travel and per diem	\$ 2,000		
Cell phone, sat phone, and internet	\$ 510		
Archiving observer data	\$ 1,500		
			Total administration \$ 4,010
Cost-recovery test fishery			
Personnel	\$ 3,500		
Charter	\$ -		
Vessel Inspection	\$ -		
			Total cost-recovery \$ 3,500
Office personnel salaries and benefits			
Fishery Biologist III, 11 months	\$ 107,577		
Fishery Biologist II, 10 months	\$ 107,161		
Seasonal Fishery Biologist I, 6 months	\$ 61,990		
			Total office personnel \$ 276,728
			Program support costs \$ 288,738
			Projected FY17 observer program expenditures to be paid for with Bristol Bay test-fishery funds \$ 497,246

Note: BBR = Bristol Bay red king crab, BSS = Bering Sea snow crab, Eastern Bering Sea Tanner crab, and WBT = Western Bering Sea Tanner crab

Table 12. Summary of FY17 Aleutian Islands golden king crab test-fishery account revenues and expenses.

Observer program test fishery budget allocation	
Test-fishery account balance carried forward from FY16 into FY17	\$ 108,714
Test-fishery revenue	\$ 300,000
Sum of carry forward and revenue	\$ 408,714
Test-fishery expenditures	\$ 294,349
Test-fishery account funds to be carried forward from FY16 for start up funds in FY17	<u>\$ 114,365</u>

Table 13. Comparison of projected and actual observer deployment and program support costs funded with Aleutian Islands test-fishery revenues.

Fiscal Year	Observer deployment costs		Program support costs				Totals
	EAG and WAG C/V		Supplies and equipment	Admin	Cost-rec	Office personnel	Total expenses
FY14 projected	\$ 190,700		\$ 1,400	\$ 3,870	\$ 9,582	\$ 94,400	\$ 299,952
FY14 actual	\$ 153,280		\$ 1,934	\$ -	\$ 7,500	\$ 97,614	\$ 260,328
FY15 projected	\$ 164,000		\$ 4,600	\$ 1,600	\$ 13,335	\$ 117,402	\$ 300,937
FY15 actual	\$ 146,320		\$ 1,500	\$ -	\$ -	\$ 114,781	\$ 262,601
FY16 projected	\$ 146,450		\$ 2,200	\$ -	\$ 2,450	\$ 102,723	\$ 253,823
FY16 actual	\$ 157,728		\$ 2,596	\$ -	\$ 2,166	\$ 109,206	\$ 271,696
FY17 projected	\$ 240,700		\$ 4,700	\$ 2,050	\$ 2,500	\$ 108,551	\$ 358,501
FY17 actual	\$ 193,006		\$ 63	\$ -	\$ 3,034	\$ 110,430	\$ 306,533
FY18 projected	\$ 240,700		\$ 4,700	\$ 2,050	\$ 2,500	\$ 108,551	\$ 358,501
FY18 actual							

Note: EAG = Eastern Aleutian Islands golden king crab, WAG = Western Aleutian Islands golden king crab, and C/V = Catcher vessel

Table 14. Summary of FY17 Aleutian Islands golden king crab fisheries observer deployment and program support costs paid with Eastern Aleutian Islands golden king crab test-fishery revenues.

	Source of Cost		
	ADF&G	Contract	
<i>OBSERVER DEPLOYMENT COSTS</i>			
Number of deployments	-	12	Total deployments <u>12</u>
Observer deployment days	-	566	Total deployment days <u>566</u>
Cost of observers	\$ -	\$ 193,006	Total observer personnel <u>\$ 193,006</u>
Non-remote deployment expenses	\$ -	\$ -	Total non-remote <u>\$ -</u>
Remote deployment expenses	\$ -	\$ -	Total remote <u>\$ -</u>
			Total deployment costs <u>\$ 193,006</u>
<i>PROGRAM SUPPORT COSTS</i>			
Supplies			
Deployment and sampling supplies			
Office supplies			
Safety supplies	\$ -		
Briefing and debriefing supplies	\$ -		
Postage and shipping			
Data forms	\$ 63		Total supplies and equipment <u>\$ 63</u>
Administrative			
Travel and per diem	\$ -		
Cell phone, sat phone, and internet	\$ -		Total administration <u>\$ -</u>
Cost-recovery test fishery			
Personnel	\$ 3,034		
Charter	\$ -		
Vessel Inspection	\$ -		Total cost-recovery <u>\$ 3,034</u>
Office personnel salaries and benefits			
Seasonal Fishery Biologist I, 2 months	\$ 19,443		
Seasonal Fishery Biologist I, 8 months	\$ 90,987		Total office personnel <u>\$ 110,430</u>
			Total program support costs <u>\$ 113,527</u>
			Aleutian Islands test-fishery account expenditures <u><u>\$ 306,533</u></u>

Table 15. Summary of FY18 expenditure projections for observer program costs paid with Aleutian Islands golden king crab test-fishery revenues.

	Source of Cost		
	ADF&G	Contract	
<i>OBSERVER DEPLOYMENT COSTS</i>			
Aleutian Islands golden king crab observer coverage of at least 50% of the weight of golden king crab harvested on C/Vs			
Number of deployments			14
Average deployment length (days)			50
			Total deployments <u>14</u>
			Total deployment days <u>700</u>
Contract cost per observer day	\$ -	\$ 341	
Total observer personnel	\$ -	\$ 238,700	
			Total observer personnel <u>\$ 238,700</u>
Non-remote travel	\$ -	\$ -	
			Total non-remote <u>\$ -</u>
Remote travel	\$ -	\$ 2,000	
			Total remote <u>\$ 2,000</u>
			Expenditure projection for WAG and EAG C/V observer deployments <u>\$ 240,700</u>
<i>PROGRAM SUPPORT COSTS</i>			
Supplies			
Deployment and sampling supplies	\$ 500		
Office supplies	\$ 500		
Safety supplies	\$ 500		
Briefing and debriefing supplies	\$ 1,200		
Postage and shipping	\$ 500		
Data forms	\$ 1,500		
			Total supplies and equipment <u>\$ 4,700</u>
Administrative			
Travel and per diem	\$ -		
Cell phone, sat phone, and internet	\$ 50		
Archiving observer data	\$ 2,000		
			Total administration <u>\$ 2,050</u>
Cost-recovery test fishery			
Personnel	\$ 2,500		
Charter	\$ -		
Vessel Inspection	\$ -		
			Total cost-recovery <u>\$ 2,500</u>
Office personnel salaries and benefits			
Seasonal Fishery Biologist I, 2 months	\$ 28,156		
Seasonal Fishery Biologist I, 8 months	\$ 80,395		
			Total office personnel <u>\$ 108,551</u>
			Total program support costs <u>\$ 117,801</u>
			Projected FY17 observer program expenditures to be paid for with Aleutian Islands test-fishery funds <u>\$ 358,501</u>



Table 16. Summary of FY18 expenditure projections for crab observer program budgets.

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Bering Sea and Bristol Bay test fish	\$ 497,246
Aleutian Islands test fish	\$ 358,501
Crab rationalization federal fee reimbursement	\$ 597,000
Program expenditure projections for FY17	\$ 1,452,748

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