Table 1.4-1. Alternatives 2 through 6 Area Closure Effects

Region	Closures	Area Closed by Alternative (km^2)	Fishable Area (km^2)	Percent Closed
Alternative 2				
GOA [1]	NPT Slope Rockfish 11 Areas	10,228	279,874	3.65%
Alternative 3				
GOA [1]	NPT Slope Rockfish 200 to 1,000 m	29,059	279,874	10.38%
Alternative 4				
GOA [1]	NPT Slope Rockfish 11 Areas	10,228	279,874	3.65%
BS Rotating "A"	NPT All Species	49,679	798,870	6.22%
BS Rotating "B"	NPT All Species	47,868	798,870	5.99%
BS Rotating "C"	NPT All Species	47,313	798,870	5.92%
BS Rotating "D"	NPT All Species	47,085	798,870	5.89%
BS Rotating Average		47,986	798,870	6.01%
AI [3]	NPT All Species Designated Areas	22,883	105,243	21.74%
ALT 4 TOTAL		**81,097**	**1,183,987**	**6.85%**
Alternative 5A				
GOA [1]	NPT All Species 10 Areas	2,845	279,874	1.02%
GOA [1]	NPT Slope Rockfish 200 to 1,000 m	29,059	279,874	10.38%
Total GOA Total [1]		31,904	279,874	11.40%
BS Rotating "A"	NPT All Species	65,760	798,870	8.23%
BS Rotating "B"	NPT All Species	63,251	798,870	7.92%
BS Rotating "C"	NPT All Species	62,915	798,870	7.88%
BS Rotating Average		63,975	798,870	8.01%
AI [3]	NPT All Species Designated Areas	32,235	105,243	30.63%
ALT 5a TOTAL		**128,114**	**1,183,987**	**10.82%**
Alternative 5B				
GOA [1]	NPT All Species 10 Areas	2,845	279,874	1.02%
GOA [1]	NPT Slope Rockfish 200 to 1,000 m	29,059	279,874	10.38%
Total GOA [1]		31,904	279,874	11.40%
BS Rotating "A"	NPT All Species	65,760	798,870	8.23%
BS Rotating "B"	NPT All Species	63,251	798,870	7.92%
BS Rotating "C"	NPT All Species	62,915	798,870	7.88%
BS Rotating Average		63,975	798,870	8.01%
AI [3]	NPT All Species Designated Areas	82,023	105,243	77.94%
AI (Option 2 Only)	All Bottom-Contact Gear All Species Coral Gardens	380	105,243	0.36%
ALT 5B TOTAL		**177,902**	**1,183,987**	**15.03%**
Alternative 5C				
GOA	All Bottom-Contact Gear All Species 10 Areas	7,157	279,874	2.56%
AI [2 3 4]	NPT All Species Designated Areas	63,713	108,243	58.86%
AI	All Bottom-Contact Gear All Species Coral Gardens	380	108,243	0.35%
Total AI		64,093	108,243	59.21%
ALT 5C TOTAL		**71,250**	**388,117**	**18.36%**
Alternative 6				
Gulf of Alaska	All Bottom-Contact Gear All Species Approximately 20% of Area	61,991	356,199	17.40%
Bering Sea	All Bottom-Contact Gear All Species Approximately 20% of Area	136,031	798,870	17.03%
Aleutian Islands	All Bottom-Contact Gear All Species Approximately 20% of Area	20,729	105,243	19.70%
ALT 6 TOTAL		**218,750**	**1,260,312**	**17.36%**

[1] NMFS reporting areas 649, 650, and 659 are not included in 1,000 m denominator since these alternatives do not affect these areas.

[2] Although Alternative 5B appears to close approximately 78 percent of the fishable area, that is an artifact of the way the areas were defined. Observer data were used to create open areas and would not affect the fishery as much as the area calculations make it appear.

[3] Includes the overlap with SSL protection measures and other no-trawl areas. All EFH alternatives were cut at 1,000 m "fishable area."

[4] Analyses of observer and recent bathymetry data for Alternative 5C resulted in a slightly larger fishable area in the AI than other alternatives.

[5] GOA fishable area under Alternative 6 includes water deeper than 1,000 m.

Table 2.1-1. Groundfish Catch Off Alaska by Area, Vessel Type, and Gear, 1997-2001
(1,000 metric tons, round weight)

		Gulf of Alaska			Bering Sea and Aleutian Islands			All Alaska		
Gear	**Year**	**Catcher Vessels**	**Catcher-Processors**	**Total**	**Catcher Vessels**	**Catcher-Processors**	**Total**	**Catcher Vessels**	**Catcher-Processors**	**Total**
Hook and Line										
	1997	19	6	26	3	151	154	22	157	180
	1998	19	5	25	2	128	130	22	133	155
	1999	19	8	27	1	110	112	20	118	138
	2000	22	7	29	2	124	126	24	131	156
	2001	19	6	25	2	135	138	21	141	163
Pot										
	1997	9	0	9	17	5	22	26	5	31
	1998	0	0	0	10	4	14	0	0	0
	1999	14	4	19	12	4	16	27	8	35
	2000	16	1	17	16	3	19	32	4	36
	2001	6	2	7	14	3	17	19	5	24
Trawl										
	1997	161	33	193	581	1,073	1,654	742	1,105	1,847
	1998	177	32	208	535	941	1,476	712	972	1,685
	1999	150	31	180	583	713	1,296	733	743	1,477
	2000	124	36	160	663	798	1,461	787	834	1,621
	2001	119	30	149	771	888	1,659	891	918	1,809
All Gear										
	1997	189	39	228	602	1,229	1,831	791	1,268	2,059
	1998	207	37	244	548	1,073	1,621	755	1,110	1,865
	1999	183	43	226	598	827	1,425	781	870	1,651
	2000	162	45	207	683	925	1,608	846	969	1,815
	2001	144	38	182	789	1,027	1,815	932	1,064	1,997

Source: Hiatt et al. 2002

Table 2.1-2. Ex-Vessel Value of the Groundfish Catch Off Alaska by Area, Catcher Category, and Gear, 1997-2001 (millions of dollars)

		Gulf of Alaska			Bering Sea and Aleutian Islands			All Alaska		
Gear	Year	Catcher Vessels	Catcher-Processors	Total	Catcher Vessels	Catcher-Processors	Total	Catcher Vessels	Catcher-Processors	Total
Hook and Line										
	1997	$75.0	$10.0	$85.0	$4.0	$79.0	$83.0	$78.0	$89.0	$168.0
	1998	$49.0	$7.0	$56.0	$3.0	$47.0	$50.0	$52.0	$54.0	$106.0
	1999	$53.0	$10.0	$63.0	$2.0	$62.0	$65.0	$55.0	$73.0	$127.0
	2000	$69.0	$12.0	$81.0	$4.0	$70.0	$74.0	$73.0	$82.0	$155.0
	2001	$54.0	$9.0	$63.0	$6.0	$66.0	$72.0	$59.0	$75.0	$135.0
Pot										
	1997	$6.0	$0.0	$6.0	$4.0	$2.0	$6.0	$9.0	$2.0	$11.0
	1998	$7.0	$0.0	$7.0	$3.0	$2.0	$4.0	$9.0	$2.0	$11.0
	1999	$12.0	$3.0	$15.0	$8.0	$2.0	$10.0	$19.0	$5.0	$25.0
	2000	$15.0	$1.0	$16.0	$10.0	$2.0	$12.0	$25.0	$3.0	$28.0
	2001	$8.0	$1.0	$10.0	$7.0	$2.0	$9.0	$15.0	$3.0	$18.0
Trawl										
	1997	$39.0	$9.0	$48.0	$130.0	$214.0	$344.0	$169.0	$223.0	$392.0
	1998	$34.0	$7.0	$41.0	$87.0	$139.0	$226.0	$121.0	$146.0	$267.0
	1999	$40.0	$9.0	$49.0	$118.0	$143.0	$261.0	$159.0	$151.0	$310.0
	2000	$42.0	$8.0	$49.0	$176.0	$185.0	$361.0	$217.0	$193.0	$410.0
	2001	$38.0	$7.0	$44.0	$176.0	$169.0	$346.0	$214.0	$176.0	$390.0
All Gear										
	1997	$119.0	$19.0	$138.0	$137.0	$195.0	$432.0	$256.0	$314.0	$571.0
	1998	$90.0	$14.0	$104.0	$93.0	$188.0	$280.0	$182.0	$202.0	$384.0
	1999	$105.0	$21.0	$126.0	$128.0	$208.0	$336.0	$233.0	$229.0	$462.0
	2000	$126.0	$20.0	$146.0	$190.0	$257.0	$447.0	$316.0	$277.0	$592.0
	2001	$100.0	$17.0	$117.0	$189.0	$237.0	$426.0	$289.0	$254.0	$543.0

Source: Hiatt et al. 2002

Table 2.1-3. Number of Vessels That Caught Groundfish Off Alaska by Area, Catcher Category, and Gear, 1997-2001

		Gulf of Alaska			Bering Sea and Aleutian Islands			All Alaska		
Gear	**Year**	**Catcher Vessels**	**Catcher-Processors**	**Total**	**Catcher Vessels**	**Catcher-Processors**	**Total**	**Catcher Vessels**	**Catcher-Processors**	**Total**
Hook and Line										
	1997	946	29	975	93	44	137	958	46	1,004
	1998	866	22	888	72	43	115	884	43	927
	1999	902	30	932	75	41	116	926	44	970
	2000	1,008	21	1,029	105	43	148	1,048	44	1,092
	2001	933	20	953	118	45	163	967	45	1,012
Pot										
	1997	141	4	145	69	13	82	186	13	199
	1998	166	1	167	71	7	78	211	7	218
	1999	200	11	211	89	13	102	254	13	267
	2000	249	5	254	90	11	101	298	12	310
	2001	150	4	154	70	6	76	205	8	213
Trawl										
	1997	173	32	205	108	59	167	201	60	261
	1998	167	24	191	115	51	166	205	51	256
	1999	154	18	172	126	40	166	202	40	242
	2000	123	18	141	117	39	156	207	40	247
	2001	117	18	135	123	39	162	201	40	241
All Gear										
	1997	1,179	65	1,244	267	113	380	1,257	116	1,373
	1998	1,104	47	1,151	238	99	337	1,184	99	1,283
	1999	1,149	58	1,207	285	88	373	1,266	91	1,357
	2000	1,246	44	1,290	305	88	393	1,410	90	1,500
	2001	1,115	40	1,155	308	90	398	1,285	91	1,376

Source: Hiatt et al. 2002

Table 2.2-1. First Wholesale Value in Millions of Dollars for Shoreside Processors, 2001

	Groundfish			Salmon			Crab			Halibut			Other			Total	
Processor Group	Number of Processors	Value	% of Total	Number of Processors	Value	% of Total	Number of Processors	Value	% of Total	Number of Processors	Value	% of Total	Number of Processors	Value	% of Total	Value	% of Total
Alaska Peninsula/Aleutians	11	$49.6	3.6%	20	$117.1	8.5%	7	$48.6	3.5%	12	$23.4	1.7%	5	$4.4	0.3%	$242.9	17.7%
Bering Sea (Pollock)	7	$421.8	30.7%	0	$0.0	0.0%	8	$45.9	3.3%	4	$6.2	0.4%	1/	1/	1/	$473.9	34.4%
Kodiak	9	$69.1	5.0%	9	$64.8	4.7%	6	$5.7	0.4%	7	$13.2	1.0%	7	$2.2	0.2%	$155.1	11.3%
South Central	18	$28.0	2.0%	43	$127.2	9.2%	14	$1.3	0.1%	22	$27.1	2.0%	1/	1/	1/	$183.4	13.3%
Southeastern	24	$41.1	3.0%	43	$203.9	14.8%	19	$19.8	1.4%	28	$42.2	3.1%	36	$13.6	1.0%	$320.6	23.3%
Total	69	$609.5	44.3%	115	$512.9	37.3%	54	$121.3	8.8%	73	$112.0	8.1%	48	$20.2	1.5%	$1,376.0	100.0%

1/ Value or "other" processed products combined with crab due to confidentiality requirements.

Source: Terry Hiatt, NMFS, based on ADF&G Commercial Operators Annual Report, ADF&G Intent to Process.

Table 2.3-1. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001

			Vessels Participating in Fisheries for:							
Geographical Area	**Community**	**Total Unique Catcher Vessels**	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Halibut**	**Crab**	**Scallops**	**Salmon**	**Herring**
Alaska										
Aleutians East Borough	False Pass	1	0	1	1	1	0	0	0	0
	King Cove	13	6	13	2	3	13	0	11	0
	Sand Point	28	17	28	15	13	22	0	21	4
Aleutians East Borough Subtotal		42	23	42	18	17	35	0	32	4
Aleutians West Census Area	Unalaska	5	1	5	3	2	1	0	1	1
Anchorage Borough	Anchorage	11	6	10	7	7	5	0	3	0
	Girdwood	1	1	1	1	1	0	0	1	0
Anchorage Borough Subtotal		12	7	11	8	8	5	0	4	0
Juneau Borough	Juneau	2	1	2	2	1	0	0	0	0
Kenai Peninsula Borough	Anchor Point	8	5	8	5	7	0	0	8	0
	Homer	51	22	44	35	44	2	1	37	2
	Kasilof	3	0	2	3	3	0	0	2	0
	Kenai	2	0	2	1	2	0	0	1	0
	Nikiski	1	0	1	1	1	0	0	1	0
	Nikolaevsk	5	5	5	5	5	0	0	4	0
	Ninilchik	1	0	1	0	1	0	0	1	0
	Seldovia	4	0	4	4	4	0	0	0	0
	Seward	3	0	3	3	3	0	0	2	0
	Soldotna	4	0	3	4	4	0	0	3	0
	Sterling	1	0	1	1	1	0	0	1	0
Kenai Peninsula Borough Subtotal		83	32	74	62	75	2	1	60	2
Kodiak Island Borough	Kodiak	53	29	52	40	35	27	0	5	0
	Ouzinkie	1	0	1	0	1	0	0	1	0
Kodiak Island Borough Subtotal		54	29	53	40	36	27	0	6	0
Lake and Peninsula Borough	Chignik Lagoon	2	0	2	0	1	1	0	1	0
Matanuska-Susitna Borough	Palmer	1	0	1	0	0	1	0	1	0
	Wasilla	2	0	2	1	1	0	0	0	0
	Willow	5	3	5	5	4	0	0	3	0
Matanuska-Susitna Borough Subtotal		8	3	8	6	5	1	0	4	0
Sitka Borough	Sitka	3	0	3	3	2	2	0	1	0
Southeast Fairbanks Census Area	Delta Junction	1	1	1	1	1	0	0	1	0
Valdez-Cordova Census Area	Cordova	9	1	2	9	8	1	0	6	0
Wrangell-Petersburg Census Area	Petersburg	2	1	2	2	2	1	0	1	0
Total Alaska		**223**	**99**	**205**	**154**	**158**	**76**	**1**	**117**	**7**
Oregon	Astoria	1	1	1	1	0	0	0	0	0
	Brookings	1	1	1	1	0	0	0	0	0
	Cloverdale	1	1	1	1	1	0	0	0	0
	Coos Bay	1	1	1	1	0	0	0	0	0
	Dallas	1	1	1	1	0	0	0	0	0

Table 2.3-1. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001 (continued)

			Vessels Participating in Fisheries for:							
Geographical Area	**Community**	**Total Unique Catcher Vessels**	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Halibut**	**Crab**	**Scallops**	**Salmon**	**Herring**
Oregon (continued)	Depoe Bay	2	1	2	1	1	1	0	0	0
	Florence	2	2	2	2	0	1	0	0	0
	Gervais	1	0	0	1	1	0	0	1	0
	Mapleton	1	0	1	1	1	0	0	0	0
	Molalla	1	0	0	1	1	0	0	1	0
	Newport	19	17	19	18	3	6	0	0	0
	Port Orford	1	1	1	1	0	0	0	0	0
	Feedsport	1	1	1	1	0	1	0	0	0
	Salem	1	0	0	0	1	0	0	1	0
	Saletz	1	1	1	0	0	0	0	0	0
	Seal Rock	1	0	1	1	1	1	0	1	0
	Siletz	2	2	2	2	0	2	0	1	0
	Silverton	1	0	1	1	1	0	0	1	0
	Sisters	2	0	2	2	2	2	0	0	0
	South Beach	1	1	1	1	0	0	0	0	0
	Warrenton	1	1	1	1	1	0	0	0	0
	Woodburn	4	0	2	3	4	0	0	3	0
Total Oregon		**47**	**32**	**42**	**42**	**18**	**14**	**0**	**9**	**0**
Washington	Aberdeen	2	2	2	2	0	1	0	0	0
	Anacortes	3	3	3	3	1	0	0	0	0
	Bainbridge Island	1	1	1	1	1	0	0	1	0
	Bellingham	4	4	4	4	1	2	0	0	1
	Blaine	3	3	3	3	1	0	0	0	0
	Camas	1	1	1	1	0	1	0	0	0
	Cathlamet	1	0	1	1	1	0	0	1	0
	Duvall	1	0	1	1	1	0	0	0	0
	East Wenatchee	1	1	1	1	1	0	0	0	0
	Edmonds	3	3	3	3	0	2	0	1	0
	Everett	1	0	0	0	1	0	0	1	0
	Federal Way	1	0	1	0	0	1	0	0	0
	Fox Island	1	1	1	1	1	0	0	0	0
	Gig Harbor	2	1	2	1	0	2	0	2	0
	Granite Falls	1	0	1	1	1	0	0	0	0
	Issaquah	1	1	1	1	0	1	0	0	0
	Kingston	1	1	1	1	0	0	0	0	0
	Kirkland	1	0	1	1	1	0	0	0	0
	Leavenworth	1	0	1	1	0	0	0	0	0
	Lynden	1	1	1	1	1	0	0	0	0
	Lynnwood	1	1	1	0	0	0	0	0	0
	Mercer Island	1	1	1	1	0	1	0	1	0
	Mill Creek	1	0	1	0	0	1	0	0	0

Table 2.3-1. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001 (continued)

			Vessels Participating in Fisheries for:							
Geographical Area	**Community**	**Total Unique Catcher Vessels**	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Halibut**	**Crab**	**Scallops**	**Salmon**	**Herring**
Washington (continued)	Mukilteo	3	1	3	1	0	3	0	0	0
	Port Townsend	1	0	1	0	1	0	0	1	0
	Poulsbo	1	0	1	1	0	1	0	0	0
	Rearden	1	1	1	1	1	0	0	1	0
	Renton	1	0	1	0	0	1	0	0	0
	Seattle	69	59	68	63	6	32	0	3	0
	Seaview	1	0	1	0	1	0	0	0	0
	Shoreline	3	3	3	3	2	1	0	0	0
	South Bend	1	1	1	1	0	0	0	0	0
	SQURMAMISH	1	1	1	1	0	0	0	0	0
	Stanwood	1	0	1	1	0	0	0	1	0
	Sumner	1	0	1	1	0	0	0	1	0
	Vashon	1	1	1	1	1	0	0	1	0
Total Washington		**119**	**92**	**117**	**103**	**24**	**50**	**0**	**15**	**1**
Other States	Bay City	1	0	1	1	0	0	0	0	1
	Boise	1	0	1	0	1	0	0	1	1
	Half Moon Bay	2	2	2	2	0	0	0	0	0
	Hayfork	1	1	1	0	0	0	0	0	0
	Kailua Kona	1	1	1	1	1	1	0	1	0
	Lemmon	1	0	1	0	0	0	0	0	0
	Magnolia Springs	1	0	1	0	0	1	0	0	0
	Meridian	1	0	1	0	0	1	0	0	0
	Post Falls	1	0	1	1	1	0	0	0	0
	Richmond	1	1	1	1	1	1	0	0	0
	San Pedro	1	0	1	1	1	1	0	0	0
	Santa Barbara	1	1	1	1	1	1	0	0	0
	Stryker	1	0	1	0	0	1	0	0	0
	Swan Lake	1	0	1	0	1	1	0	0	0
Total Other States		**15**	**6**	**15**	**8**	**7**	**8**	**0**	**2**	**2**
Grand Total All Areas		**404**	**229**	**379**	**307**	**207**	**148**	**1**	**143**	**10**

Source: AKFIN data set 2003

Table 2.3-2. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Geographical Area of Residence of Owner of Vessel for Selected Fisheries Groups, 2001[1/ 2/]

	Total Unique Catcher	Vessels Participating in Fisheries for:					
Geographical Area	**Vessels**	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Halibut**	**Crab**	**Salmon**
Alaska							
Aleutians East Borough	42	23	42	18	17	35	32
Kenai Peninsula Borough	83	32	74	62	75	2[3/]	60
Kodiak Island Borough	54	29	53	40	36	27	6
Other Alaska	44	15	36	34	30	12	19
Total Alaska	**223**	**99**	**205**	**154**	**158**	**76**	**117**
Oregon	47	32	42	42	18	14	9
Washington	119	92	117	103	24	50	15
Other States	15	6	15	8	7	8	2
Grand Total	**404**	**229**	**379**	**307**	**207**	**148**	**143**

1/ This table does not count vessels classified as catcher-processors but credited with ex-vessel earnings.

2/ Scallop and herring values cannot be disclosed for any area and have therefore been dropped from this table.

3/ Shaded cells suppressed in accompanying value table to preserve confidentiality.

Source: AKFIN data set 2003

Table 2.3-3. Total Ex-Vessel Value of Harvest for Groundfish Catcher-Vessels Harvesting in Areas Potentially Affected by Any Alternative by Geographical Area of Residence of Owner of Vessel for Selected Fisheries Groups, 2001

	Ex-Vessel Value of Selected Fishery for Vessels from the Indicated Geographical Unit (thousands of dollars)						
Geographical Area	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Halibut**	**Crab**	**Salmon**	**Total Ex-Vessel Value[1/]**
Alaska							
Aleutians East Borough	$3,992,004	$3,573,803	$24,790	$1,556,450	$439,121	$1,657,098	$10,673,869
Kenai Peninsula Borough	$214,676	$1,980,666	$2,463,510	$7,165,975	2/	$1,544,482	$10,407,220
Kodiak Island Borough	$4,889,247	$4,474,297	$3,582,187	$8,509,815	$2,007,766	$475,082	$19,729,872
Other Alaska	$1,338,567	$2,191,843	$2,315,644	$3,681,468	2/	$1,478,399	$10,923,851
Total Alaska	**$10,434,494**	**$12,220,609**	**$8,386,132**	**$20,913,709**	**$4,431,536**	**$5,155,061**	**$51,734,812**
Oregon	$16,872,338	$7,081,505	$2,539,012	$3,787,724	$2,350,166	2/	$30,923,128
Washington	$118,541,965	$11,137,475	$5,685,232	$6,952,382	$8,910,548	$1,124,420	$148,935,957
Other States	$4,609,447	$1,064,019	$980,641	$2,434,563	$1,063,475	2/	$9,316,277
Grand Total	**$150,458,243**	**$31,503,607**	**$17,591,018**	**$34,088,377**	**$16,755,724**	**$6,793,054**	**$240,910,175**

1/ Individual fisheries do not sum to total given. The total is an estimate because more than one data source went into constructing the AKFIN database.

2/ Cell value suppressed to protect confidential data.

Source: AKFIN data set 2003

Table 2.3-4. Count of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Any Alternative by Community of Ownership, 2001

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	Total Groundfish
Motherships					
Washington	Seattle	4	4	2	4
Catcher-Processors					
Aleutians West Census Area	Unalaska	2	2	2	2
Anchorage Borough	Anchorage	1	2	1	2
Kenai Peninsula Borough	Homer			1	1
	Seward			1	1
Kenai Peninsula Borough Total				2	2
Kodiak Island Borough	Kodiak	1	2	1	2
Sitka Borough	Sitka			1	1
Wrangell-Petersburg Census Area	Petersburg	3	3	3	3
Unknown		1	1	1	1
Alaska Total		**8**	**10**	**11**	**13**
Washington	Anacortes	1	1	1	1
	Bellevue	1	1	1	1
	Bellingham	2	2	2	2
	Edmonds	3	3	3	3
	Mill Creek	1	1	1	1
	Redmond	1	1	1	1
	Renton	1	1		1
	Seattle	53	57	53	57
	Woodinville	1	1	1	1
Washington Total		**64**	**68**	**63**	**68**
Other States	Richmond, CA	1	1	1	1
	Rockland, ME	3	3	3	3
Total Other States		**4**	**4**	**4**	**4**
Total Catcher-Processors		**76**	**82**	**78**	**85**
Total Motherships and Catcher-Processors		**80**	**86**	**80**	**89**

Source: AKFIN data set 2003

Table 2.3-5. Count of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Any Alternative by Grouped Area of Ownership, 2001[1/]

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish
Motherships				
Washington	4	4[2/]	2	4
Catcher-Processors				
Alaska				
Aleutians West Census Area	2	2	2	2
Kodiak Island Borough	1	2	1	2
Other Alaska	4	5	7	8
Unknown	1	1	1	1
Alaska Total	**8**	**10**	**11**	**13**
Washington	64	68	63	68
Other States	4	4	4	4
Total Catcher-Processors	**76**	**82**	**78**	**85**
Combined Total Motherships and Catcher-Processors	**80**	**86**	**80**	**89**

1/ Scallop, salmon, and herring values cannot be disclosed for any area and have therefore been dropped from this table.

2/ Shaded cells suppressed in accompanying value tables to preserve confidentiality.

Source: AKFIN data set 2003

Table 2.3-6. First Wholesale Value of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Any Alternative by Grouped Area of Ownership, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish
Motherships				
Washington	$122,030,329	1/	1/	$123,690,790
Catcher-Processors				
Aleutians West Census Area	1/	1/	1/	1/
Kodiak Island Borough	1/	1/	1/	1/
Other Alaska	$289,345	$11,623,107	$2,246,046	$14,158,497
Unknown	1/	1/	1/	1/
Alaska Total	**$442,919**	**$22,946,543**	**$3,618,231**	**$27,007,693**
Washington	$625,385,384	$113,473,930	$110,582,182	$849,441,495
Other States	$2,277,019	$5,732,493	$6,260,976	$14,270,487
Total Catcher-Processors	**$628,105,322**	**$142,152,965**	**$120,461,388**	**$890,719,675**
Combined Total Motherships and Catcher-Processors	**$750,135,650**	**$143,805,158**	**$120,469,657**	**$1,014,410,465**

1/ Cell value suppressed to protect confidential data.
Source: AKFIN data set 2003

Table 2.3-7. Vessel Acquisitions by CDQ Groups as of 2000

CDQ Group	Vessel Acquisitions (percent ownership in parentheses)
APICDA	• Starbound (20%) 240-foot pollock factory trawler • Bering Prowler (25%) 124-foot longline vessel harvesting Pacific cod and sablefish • Prowler (25%) 114-foot longline vessel harvesting Pacific cod and sablefish • Golden Dawn (25%) 148-foot catcher vessel harvesting Pacific cod, pollock and crab • Ocean Prowler (20%) 155-foot longline-processing vessel harvesting Pacific cod and sablefish • Farwest Leader (25%) 105-foot pot vessel harvesting crab and Pacific cod • Stardust (100%) 56-foot longline vessel harvesting Pacific cod and halibut • Bonanza (100%) 38-foot longline vessel harvesting halibut • AP#1, AP#2, AP#3 (100%) 36-foot longline vessels harvesting halibut and Pacific cod • AP#4, AP#5 (100%) 35.5-foot longline vessels harvesting halibut and Pacific cod • Konrad 1 (75%) 58-foot trawler/pot/tender vessel harvesting Pacific cod and pollock, salmon tender • Nikka D (100%) 28-foot vessel harvesting halibut • Agusta D (100%) 28-foot sportfishing charter vessel • Grand Aleutian (100%) 32-foot sportfishing charter vessel
BBEDC	• Arctic Fjord (20%) 270-foot pollock factory trawler • Bristol Leader (50%) 167-foot longline vessel harvesting Pacific cod, halibut and sablefish • Neahkahnie (20%) 110-foot pollock catcher processor • Northern Mariner (45%) 110-foot crab vessel • Bristol Mariner (45%) 125-foot crab vessel • Nordic Mariner (45%) 121-foot crab vessel • Cascade Mariner (40%) 100-foot crab vessel
CBSFA	• American Seafoods, LP (22.5%), which owns the following 270- to 340-foot catcher processors harvesting pollock, Pacific cod, yellowfin sole and rock sole: American Dynasty, Katie Ann, Northern Eagle, Ocean Rover, Northern Jaeger, American Triumph, and Northern Hawk • Zolotoi (20%) 98-foot crab vessel • Ocean Cape (35%) 98-foot crab vessel
CVRF	• American Seafoods, LP (22.5%), which owns the following 270- to 340-foot catcher processors harvesting pollock, Pacific cod, yellowfin sole and rock sole: American Dynasty, Katie Ann, Northern Eagle, Ocean Rover, Northern Jaeger, American Triumph, and Northern Hawk • Ocean Prowler (20%) 155-foot longline-processing vessel harvesting Pacific cod and sablefish • Ocean Harvester (45%) 58-foot longline vessel harvesting halibut and Pacific cod • Silver Spray (50%) 116-foot crab vessel and Pacific cod freezer boat
NSEDC	• Glacier Fish Company (50%), which owns the following 201- to 276-foot catcher processors harvesting pollock and Pacific cod: Northern Glacier and Pacific Glacier • Norton Sound (49%) 139-foot longline vessel • Golovin Bay (100%) tender • Norton Bay (100%) tender
YDFDA	• Emmonak Leader (75%) 103-foot catcher vessel harvesting pollock • Alakanuk Beauty (75%) 105-foot catcher vessel harvesting pollock • Golden Alaska (19.6%) 308-foot pollock mothership • Blue Dolphin (100%) 47-foot longline/crab vessel • Lisa Marie (100%) 78-foot trawl/pot/longline vessel

Source: DCED 2001

Table 2.3-8. Inshore Processing Plant Acquisitions by CDQ Groups as of 2000

CDQ Group	Inshore Plant Acquisitions (percent ownership in parentheses)
APICDA	• Atka Pride Seafoods, Inc. (100%) processes halibut. • Bering Pacific Seafoods (50%) processes Pacific cod, salmon and other species.
NSEDC	• Norton Sound Seafood Products (100%) processes mainly salmon. • Norton Sound Crab Company (100%) processes mainly crab.

Source: DCED 2001

Table 2.3-9. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Any Alternative by Community of Operation of Processor, 2001

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	# of Unique Groundfish Processors	Halibut	Crab	Salmon	Herring
Floating Processors									
Alaska									
Aleutians East Borough	Akutan	1	1		1				
Aleutians West Census Area	Unalaska	1	1	1	1				
Alaska Total		**2**	**2**	**1**	**2**				
Washington	Arlington							2	
	Seattle	2	2	1	2		7	10	9
	Sequim							1	
Washington Total		**2**	**2**	**1**	**2**		**7**	**13**	**9**
Total Floating Processors		**4**	**4**	**2**	**4**		**7**	**13**	**9**
Shore Plants									
Aleutians East Borough	Akutan	1	1	1	1	1	1		1
	King Cover	1	2	1	2	1	1	2	1
	Port Moller							1	
	Sand Point	1	1	1	1	1	1	1	
Aleutians East Borough Total		3	4	3	4	3	3	4	2
Aleutians West Census Area	Atka			1	1	1			
	Saint Paul Island	1	2	1	2	2	1	1	
	Unalaska	3	7	5	7	6	5		2
Aleutians West Census Area Total		4	9	7	10	9	6	1	2
Anchorage Borough	Anchorage		2	2	2	4	1	4	
Bristol Bay Borough	Naknek							4	2
Dillingham Census Area	Dillingham							1	
	Ekuk							1	1
Dillingham Census Area Total								2	1
Haines Borough	Haines			2	2	2	2	4	
Juneau Borough	Douglas							1	
	Juneau	1	3	4	4	4	5	9	1
Juneau Borough Total		1	3	4	4	4	5	10	1
Kenai Peninsula Borough	Anchor Point					1		1	
	Homer		4	2	4	3		2	
	Kasilof							3	
	Kenai		1	1	1	3		7	
	Ninilchik	1	1	1	1	1	1	1	
	Seward	1	3	3	3	3		2	
	Soldotna					1		1	1
Kenai Peninsula Borough Total		2	9	7	9	12	1	17	1

Table 2.3-9. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Any Alternative by Community of Operation of Processor, 2001 (continued)

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	# of Unique Groundfish Processors	Halibut	Crab	Salmon	Herring
Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially	Ketchikan		2	2	2	2	1	5	3
Kodiak Island Borough	Kodiak	7	9	9	9	7	8	8	5
	Moser Bay		1	1	1	1		1	1
Kodiak Island Borough Total		7	10	10	10	8	8	9	6
Lake and Peninsula Borough	Chignik		1	1	1	1		2	
	Egegik					1		1	1
Lake and Peninsula Borough Total			1	1	1	2		3	1
Prince of Wales-Outer Ketchikan Census Area	Craig					1		2	1
	Metlakatla			1	1	1		1	
Prince of Wales-Outer Ketchikan Census Area Total				1	1	2		3	1
Sitka Borough	Sitka		4	5	5	2	3	6	3
Skagway-Yakutat-Angoon Census Area	Elfin Cover							1	
	Excursion Inlet					1		1	
	Gustavus			1	1	1		1	
	Hoonah		1	1	1	1	1	1	
	Pelican		1	1	1	1		1	
	Yakutat		2	2	2	2		3	
Skagway-Yakutat-Angoon Census Area Total			4	5	5	6	1	8	
Valdez-Cordova Census Area	Cordova	1	4	5	5	4		5	
	Valdez		1	2	2	2		3	
	Whittier		1	2	2	1		2	
Valdez-Cordova Census Area Total		1	6	9	9	7		10	
Wrangell-Petersburg Census Area	Kake			1	1	1	1	1	
	Petersburg		3	4	4	5	5	8	2
	Wrangell		1	2	2	2	2	2	1
Wrangell-Petersburg Census Area Total			4	7	7	8	8	11	3
Alaska Total		**18**	**58**	**65**	**71**	**71**	**39**	**101**	**26**
Washington	Seattle	1	1	1	1	1	1		
Total Shore Plants All Areas		**19**	**59**	**66**	**72**	**72**	**40**	**101**	**26**
Combined Total Floaters and Shore Plants		**23**	**63**	**68**	**76**	**72**	**47**	**114**	**35**

Source: AKFIN data set 2003

Table 2.3-10. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Any Alternative by Grouped Community of Operation of Processor, 2001[1/]

Geographical Area	Pollock	Pacific Cod	Other Groundfish	# of Unique GF Processors	Halibut	Crab	Salmon	Herring
Floating Processors								
Alaska								
Aleutians East Borough	1[2/]	1		1				
Aleutians West Census Area	1	1	1	1				
Alaska Total	**2**	**2**	**1**	**2**				
Washington	2	2	1	2		7	13	9
Total Floaters	**4**	**4**	**2**	**4**		**7**	**13**	**9**
Shoreplants								
Alaska								
Aleutians East Borough	3	4	3	4	3	3	4	2
Aleutians West Census Area	4	9	7	10	9	6	1	2
Kenai Peninsula Borough	2	9	7	9	12	1	17	1
Kodiak Island Borough	7	10	10	10	8	8	9	6
Other Alaska	1	8	12	12	16	9	35	9
Sitka Borough		4	5	5	2	3	6	3
Skagway-Yakutat-Angoon Census Area		4	5	5	6	1	8	
Valdez-Cordova Census Area	1	6	9	9	7		10	
Wrangell-Petersburg Census Area		4	7	7	8	8	11	3
Total Alaska	**18**	**58**	**65**	**71**	**71**	**39**	**101**	**26**
Washington	1	1	1	1	1	1		
Total Shore Plants	**19**	**59**	**66**	**72**	**72**	**40**	**101**	**26**
Combined Total Floaters and Shore Plan	**23**	**63**	**68**	**76**	**72**	**47**	**114**	**35**

1/ Scallop values cannot be disclosed for any area and have therefore been dropped from this table.

2/ Shaded cells suppressed in accompanying value tables to preserve confidentiality.

Source: AKFIN data set 2003

Table 2.3-11. Ex-Vessel Value Delivered to Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Any Alternative by Grouped Community of Operation of Processor, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish	Halibut	Crab	Salmon	Herring
Floating Processors								
Alaska								
Aleutians East Borough	2/	2/	2/	2/	$0	$0	$0	$0
Aleutians West Census Area	2/	2/	2/	2/	$0	$0	$0	$0
Alaska Total	**2/**	**2/**	**2/**	**2/**	**$0**	**$0**	**$0**	**$0**
Washington	2/	2/	2/	2/	$0	$16,467,638	$15,041,899	$3,576,631
Total Floaters	**$13,831,364**	**$1,595,375**	**2/**	**$15,434,299**	**$0**	**$16,467,638**	**$15,041,899**	**$3,576,631**
Shore Plants [1/]								
Alaska								
Aleutians East Borough	2/	$11,229,854	2/	$62,143,691	2/	2/	$9,251,092	2/
Aleutians West Census Area	$79,802,971	$9,683,360	$3,291,940	$92,778,270	$7,380,745	$46,752,926	2/	*
Kenai Peninsula Borough	2/	2/	$13,812,404	$15,185,659	$10,808,729	2/	$14,047,234	2/
Kodiak Island Borough	$11,094,199	$15,908,021	$10,024,558	$37,026,778	$8,803,810	$5,990,038	$23,488,452	$1,071,085
Other Alaska	2/	2/	$6,582,243	$6,820,909	$5,020,737	$3,602,822	$60,606,494	$2,410,229
Sitka Borough	$0	$34,422	$9,665,029	$9,699,451	2/	2/	$12,128,872	2/
Skagway-Yakutat-Angoon Census Area	$0	$2,936	$5,144,067	$5,147,003	$2,655,550	2/	$8,553,444	$0
Valdez-Cordova Census Area	2/	2/	$3,391,987	$3,964,938	$1,847,526	$0	$29,335,814	$0
Wrangell-Petersburg Census Area	$0	$13,317	$4,554,694	$4,568,011	$3,096,183	$14,050,628	$19,752,714	2/
Total Alaska	**$140,245,063**	**$38,490,152**	**$58,599,494**	**$237,334,709**	**$44,720,932**	**$84,400,439**	**$177,167,917**	**$6,868,815**
Total Shore Plants	**$140,245,063**	**$38,490,152**	**$58,599,494**	**$237,334,709**	**$44,720,932**	**$84,400,439**	**$177,167,917**	**$6,868,815**
Combined Total Floaters and Shore Plants	**$154,076,426**	**$40,085,527**	**$58,607,054**	**$252,769,008**	**$44,720,932**	**$100,868,078**	**$192,209,817**	**$10,445,446**

1/ Washington shoreplants (1 entity) excluded from table to preserve confidentiality.

2/ Values in shaded cells are suppressed to preserve confidentiality.

Source: AKFIN data set 2003

Table 2.3-12. Count of Crab Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel, 2001

Geographical Area	Community	Number of Catcher Vessels
Alaska		
Aleutians East Borough	King Cove	2
	Sand Point	3
Aleutians East Borough Total		5
Anchorage Borough	Anchorage	5
Kenai Peninsula Borough	Homer	6
	Kenai	1
	Seldovia	1
Kenai Peninsula Borough Total		8
Kodiak Island Borough	Kodiak	25
Sitka Borough	Sitka	2
Skagway-Yakutat-Angoon Census Area	Yakutat	1
Valdez-Cordova Census Area	Cordova	1
Wrangell-Petersburg Census Area	Petersburg	3
Alaska Total		**50**
Oregon	Newport	11
	Other Oregon	6
Oregon Total		**17**
Washington	Seattle	78
	Other Washington	33
Washington Total		**111**
Other States	California	1
	Hawaii	1
Other States Total		**2**
Grand Total All Areas		**180**

Source: AKFIN data set 2003

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially

Table 2.3-13. Ex-Value of Harvest at Risk for Crab Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Geographical Area of Residence of Owner of Vessel, 2001

Geographical Area	Number of Catcher Vessels	Ex-Vessel Value
Alaska		
Aleutians East Borough	5	$139,913
Kenai Peninsula Borough	8	$706,959
Kodiak Island Borough	25	$4,919,598
Other Alaska	12	$1,910,278
Alaska Total	**50**	**$7,676,748**
Washington	111	$19,434,233
Other States	19	$4,150,657
Grand Total	**180**	**$31,261,638**

Source: AKFIN data set 2003

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel, 2001

Geographical Area	Community	Number of Catcher Vessels
Alaska		
Aleutians East Borough	False Pass	1
	King Cover	3
	Sand Point	13
Aleutians East Borough Total		17
Aleutians West Census Area	Atka	1
	Unalaska	1
Aleutians West Census Area Total		2
Anchorage Borough	Anchorage	12
Juneau Borough	Juneau	18
	Douglas	2
Juneau Borough Total		20
Kenai Peninsula Borough	Homer	44
	Seward	8
	Anchor Point	5
	Seldovia	2
	Clam Gulch	1
	Fritz Creek	1
	Halibut Cover	1
	Kasilof	1
	Kenai	1
	Nikiski	1
	Nikolaevsk	1
Kenai Peninsula Borough Total		66
Ketchikan Gateway Borough	Ketchikan	14
	Ward Cove	1
Ketchikan Gateway Borough Total		15
Kodiak Borough	Kodiak	90
	Port Lions	2
	Old Harbor	1
	Ouzinkie	1
Kodiak Borough Total		94
Lake and Peninsula Borough	Chignik	1
	Chignik Lagoon	1
Lake and Peninsula Borough Total		2
Matanuska-Susitna Borough	Wasilla	3
	Willow	2
	Palmer	1
Matanuska-Susitna Borough Total		6
Pribilof Islands Census Area	Saint George Island	8

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel, 2001 (continued)

Geographical Area	Community	Number of Catcher Vessels
Prince of Wales Census Area	Craig	7
	Klawock	1
	Meyers Chuck	1
Prince of Wales Census Area Total		9
Sitka Borough	Sitka	41
	Port Alexander	8
Sitka Borough Total		49
Skagway-Yakutat-Angoon Census Area	Pelican	3
	Gustavus	2
	Hoonah	2
	Yakutat	1
Skagway-Yakutat-Angoon Census Area		8
Valdez-Cordova Census Area	Cordova	7
Wrangell-Petersburg Census Area	Kake	1
	Petersburg	38
	Wrangell	4
Wrangell-Petersburg Census Area Total		43
Alaska Total		**358**
Oregon	Woodburn	7
	Newport	6
	Warrenton	4
	Astoria	2
	Depoe Bay	2
	Ashland	1
	Brookings	1
	Cloverdale	1
	Mapleton	1
	Molalla	1
	North Bend	1
	Oregon City	1
	Seal Rock	1
	Seaside	1
	Westfir	1
Oregon Total		**31**
Washington	Seattle	25
	Anacortes	11
	Port Townsend	7
	Edmonds	5
	Bellingham	4
	Snohomish	3

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Community of Residence of Owner of Vessel, 2001 (continued)

Geographical Area	Community	Number of Catcher Vessels
	Bainbridge Island	2
	Friday Harbor	2
	Gig Harbor	2
	Kirkland	2
	Poulsbo	2
	Shoreline	2
	Vashon	2
	Woodinville	2
	Bainbridge Island	1
	Burlington	1
	Camano Island	1
	Chimacum	1
	Ellensburg	1
	Enumclaw	1
	Everett	1
	Fox Island	1
	Granite Falls	1
	Kalama	1
	Kingston	1
	Lynden	1
	Mill Creek	1
	Montesano	1
	Mt Vernon	1
	Port Angeles	1
	Port Hadlock	1
	Prosser	1
	Salkum	1
	Seaview	1
	Tacoma	1
	Westport	
Washington Total		**92**
Other States	Fort Bragg, CA	2
	Richmond, CA	1
	San Pedro, CA	1
	Santa Barbara, CA	1
	Trinidad, CA	1
	Kailua-Kona, HI	1
	Post Falls, ID	1
	Scotia, NY	1
Other States Total		**9**
Unknown		1
Grand Total		**491**

Source: AKFIN data set 2003

Table 2.3-15. Ex-Vessel Value of Harvest at Risk for Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Any Alternative by Geographical Area of Residence of Owner of Vessel, 2001

Geographical Area	Number of Catcher Vessels	Ex-Vessel Value
Alaska		
Aleutians East Borough	17	$747,500
Kenai Peninsula Borough	66	$5,280,348
Kodiak Borough	94	$8,808,770
Sitka Borough	49	$1,744,714
Other Alaska	132	$4,471,217
Alaska Total	**358**	**$21,052,549**
Oregon	31	$3,199,964
Washington	92	$12,393,897
Other States	9	$1,637,008
Grand Total	**491**	**$38,283,418**

Source: AKFIN data set 2003

Table 2.3-14. Count of Halibut Catcher Vessels Harvesting in Areas Potentially

Table 3.1-1. Values Per Metric Ton of Groundfish Species in Alaska by Gear and Species Group

Area	Species Group	Gear	Value (per mt)	Area	Species Group	Gear	Value (per mt)
BSAI	AKPL	TWL	$502	BSAI	PCOD	POT	$1,255
BSAI	AKPL	POT	$313	BSAI	PCOD	HAL	$1,251
BSAI	AKPL	HAL	$313	GOA	PCOD	TWL	$1,176
GOA	AKPL	TWL	$313	GOA	PCOD	POT	$1,289
GOA	AKPL	POT	$313	GOA	PCOD	HAL	$1,162
GOA	AKPL	HAL	$313	GOA	PELS	TWL	$507
BSAI	ATKA	TWL	$995	GOA	PELS	POT	$907
BSAI	ATKA	POT	$1,009	GOA	PELS	HAL	$1,102
BSAI	ATKA	HAL	$1,028	BSAI	PLCK	TWL	$735
GOA	ATKA	TWL	$888	BSAI	PLCK	POT	$494
GOA	ATKA	POT	$888	BSAI	PLCK	HAL	$748
GOA	ATKA	HAL	$888	GOA	PLCK	TWL	$550
BSAI	ARTH	TWL	$505	GOA	PLCK	POT	$571
BSAI	ARTH	POT	$308	GOA	PLCK	HAL	$496
BSAI	ARTH	HAL	$502	BSAI	POP	TWL	$492
GOA	ARTH	TWL	$504	BSAI	POP	HAL	$485
GOA	ARTH	POT	$502	GOA	POP	TWL	$486
GOA	ARTH	HAL	$500	GOA	POP	POT	$486
GOA	DEEP	TWL	$1,105	GOA	POP	HAL	$485
GOA	DEEP	POT	$900	GOA	REXS	TWL	$2,365
GOA	DEEP	HAL	$694	BSAI	RSOL	TWL	$1,185
GOA	DEMS	TWL	$1,600	BSAI	RSOL	POT	$618
GOA	DEMS	POT	$1,600	BSAI	RSOL	HAL	$656
GOA	DEMS	HAL	$1,600	BSAI	SABL	TWL	$4,922
BSAI	FSOL	TWL	$1,000	BSAI	SABL	POT	$4,906
BSAI	FSOL	POT	$794	BSAI	SABL	HAL	$4,965
BSAI	FSOL	HAL	$926	GOA	SABL	TWL	$4,893
GOA	FSOL	TWL	$956	GOA	SABL	POT	$4,922
GOA	FSOL	POT	$956	GOA	SABL	HAL	$4,951
GOA	FSOL	HAL	$956	GOA	SHAL	TWL	$673
BSAI	GTRB	TWL	$694	GOA	SHAL	POT	$673
BSAI	GTRB	POT	$523	GOA	SHAL	HAL	$673
BSAI	GTRB	HAL	$762	BSAI	SKATE	TWL	$321
BSAI	NRCK	TWL	$404	BSAI	SKATE	POT	$321
BSAI	NRCK	HAL	$441	BSAI	SKATE	HAL	$321
GOA	NRCK	TWL	$377	BSAI	SQUD	TWL	$112
GOA	NRCK	POT	$377	BSAI	SQUD	POT	$112
GOA	NRCK	HAL	$377	BSAI	SQUD	HAL	$112
BSAI	OFLT	TWL	$2,312	GOA	SQUD	TWL	$112
BSAI	OFLT	POT	$2,381	GOA	SQUD	POT	$112
BSAI	OFLT	HAL	$1,230	GOA	SQUD	HAL	$112
BSAI	ORCK	TWL	$531	BSAI	SRRE	TWL	$1,651
BSAI	ORCK	POT	$405	BSAI	SRRE	POT	$1,310
BSAI	ORCK	HAL	$570	BSAI	SRRE	HAL	$2,167
GOA	ORCK	TWL	$405	GOA	SRRE	TWL	$1,999
GOA	ORCK	HAL	$405	GOA	SRRE	HAL	$2,327
BSAI	OTHR	TWL	$848	BSAI	THDS	TWL	$3,184
BSAI	OTHR	POT	$603	BSAI	THDS	HAL	$3,330
BSAI	OTHR	HAL	$837	GOA	THDS	TWL	$1,774
GOA	OTHR	TWL	$832	GOA	THDS	HAL	$3,371
GOA	OTHR	POT	$790	BSAI	YSOL	TWL	$540
GOA	OTHR	HAL	$747	BSAI	YSOL	POT	$411
BSAI	PCOD	TWL	$1,257	BSAI	YSOL	HAL	$539

Species Group:
AKPL = Alaska Pleice
ATKA = Atka mackerel
ARTH = Arrowtooth flounder
DEEP = Deepwater flatfish
DEMS = Demersal shelf rockfish
FSOL = Flathead sole
GTRB = Greenland turbot
NRCK = Northern rockfish
OFLT = Other flatfish
OTHR = Other
PCOD = Pacific cod
PELS = Pelagic shelf rockfish
PLCK = Pollock
POP = Pacific ocean perch
REXS = Rex sole
RSOL = Rock sole
SABL = Sablefish
SHAL = Shallow water flatfish
SKATE = Skate
SQUD = Squid
SRRE = Shortraker and rougheye rockfish
THDS = Thornyhead rockfish
YSOL = Yellowfin sole

Gear: TWL = Trawl
POT = Pot
HAL = Hook and line

Source: Terry Hiatt, NMFS

Table 3.2-1. Summary of Benefits and Costs for Alternative 1

Benefit or Cost Category	Alternative 1 Status Quo
EFH Passive Use Value	No additional protection measures beyond those currently in place for EFH
EFH Use Values	Continued commercial fishery exploitation in EFH areas.
Revenue At Risk	No revenues at risk for EFH protection measures
Product Quality	No change from current management impacts on product quality
Operating Costs	Operating costs as currently affected by fishery management measures
Safety	No change in safety costs from current condition
Impacts on Related Fisheries	No additional impacts on related fisheries
Costs to Consumers	No additional costs to consumers
Management and Enforcement	No additional management or enforcement costs
Impacts on Dependent Communities	No additional impacts on dependent communities

Table 3.3-1. Summary of Benefits and Costs for Alternative 2

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 2 GOA NPT SLOPE ROCKFISH 11 SELECTED CLOSURE AREAS
EFH Passive Use Value	No additional protection measures beyond those currently in place for EFH	Protects 10,228 km^2 of seabed from NPT targeting slope rockfish complex.
EFH Use Values	Continued commercial fishery exploitation in EFH areas.	It is not known whether protection of EFH under this alternative would result in sustained or increased production and yield of any FMP species. The other use values of EFH under this alternative are unknown.
Revenue At Risk	No revenues at risk for EFH protection measures	EFH protection measures place $900,000 or 9.6% of status quo gross revenue at risk in 2001, mainly in the catcher processor fleet in the CG and WG. Some or all of the revenue at risk may be mitigated in adjacent open areas using NPT gear.
Product Quality	No change from current management impacts on product quality	May have minimal impact on product quality since nearby open areas are adjacent to closed areas.
Operating Costs	Operating costs as currently impacted by fishery management measures	May have minimal impact on operating costs since nearby open areas are adjacent to closed areas.
Safety	No change in safety costs from current condition	May have some impact on safety costs since nearby open areas are adjacent to closed areas.
Impacts on Related Fisheries	No additional impacts on related fisheries	May have minimal impact on related fisheries since effort may likely be redeployed into adjacent areas concurrently fished by NPT.
Costs to Consumers	No additional costs to consumers	May have minimal cost to consumers since gross revenue at risk may be mitigated and additional operational costs may be low.
Management and Enforcement	No additional management or enforcement costs	Catcher vessel and catcher processor vessels using NPT gear and targeting slope rockfish may need VMS or 100% observer coverage. Additional management and research costs may occur.
Impacts on Dependent Communities	No additional impacts on dependent communities	Some adverse impacts may accrue to Washington based catcher-processors, but overall impacts to dependent communities are expected to be insignificant.

Table 3.3-2. Distributional Revenue at Risk (millions of dollars) for Alternative 2 [1/]

Revenue at Risk Category	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessesl**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	<$0.01	<$0.01	7.8%	$0.62	$0.02	3.6%	$0.62	$0.02	3.6%
Central Gulf	$2.33	$0.03	1.2%	$5.62	$0.62	10.9%	$7.95	$0.64	8.1%
Western Gulf	$0.00	<$0.01	0.0%	$0.79	$0.23	28.9%	$0.79	$0.23	28.9%
Total GOA	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
BS	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
AI	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
All Alaska	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
Fishery									
Groundfish	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	<$0.01	0.0%	$0.00	$0.00	0.0%	$0.00	<$0.01	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.3-2. Distributional Revenue at Risk (millions of dollars) for Alternative 2 [1/] (continued)

Revenue at Risk Category	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessesl**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.3-2. Distributional Revenue at Risk (millions of dollars) for Alternative 2 [1/] (continued)

Revenue at Risk Category	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk	Alternative 2 - Status Quo	Alternative 2 - Revenue at Risk	Alternative 2 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessesl**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher Vessels Are Ex-vessel Values and Catcher-Processors Are First Wholesale Value (millions of dollars, based on 2001).
NA = not applicable

Table 3.3-3. Summary First Wholesale Value for Groundfish, Halibut, and Crab of Catcher Vessel Landed Catch to Inshore Processors Under Status Quo and At Risk Due to EFH Mitigation Measures by Area in 2001

	Alt 2			Alt 3			Alt 4		
Area	At Risk	Status Quo	%	At Risk	Status Quo	%	At Risk	Status Quo	%
AI	$0	$0	0%	$0	$0	0%	$3,334	$3,077,678	0%
EBS High	$0	$0	0%	$0	0	0%	$3,394	$13,316,351	0%
EBS Low	$0	$0	0%	$0	0	0%	$3	$2,738	0%
CG	$148,579	$10,783,228	1%	$1,733,031	$10,787,013	16%	$148,579	$10,783,228	1%
EG	$0	$0	0%	$0	$0	0%	$0	$0	0%
WG	$0	$0	0%	$0	$0	0%	$0	$0	0%
GOA	$148,579	$10,783,228	1%	$1,733,031	$10,787,013	16%	$148,579	$10,783,228	1%
Total High	$148,579	$10,783,228	1%	$1,733,031	$10,787,013	16%	$155,307	$27,177,256	1%
Total Low	$148,579	$10,783,228	1%	$1,733,031	$10,787,013	16%	$151,916	$13,863,643	1%

	Alt 5A			Alt 5B			Alt 5C (Preferred)		
Area	At Risk	Status Quo	%	At Risk	Status Quo	%	At Risk	Status Quo	%
AI	$1,981	$2,824,987	0%	$725,940	$3,078,704	24%	$435,564	$3,078,704	14%
EBS High	$3,232	$13,313,583	0%	$3,232	$13,313,583	0%	$0	$13,313,583	0%
EBS Low	$23	$13,313,583	0%	$23	$13,313,583	0%	$0	$13,313,583	0%
CG	$1,853,183	$34,465,926	5%	$1,853,183	$34,465,926	5%	$197,147	$34,465,926	1%
EG	$445,852	$1,881,123	24%	$445,852	$1,881,123	24%	$148,617	$1,881,123	8%
WG	$980,865	$6,102,547	16%	$980,865	$6,102,547	16%	$81,739	$6,102,547	1%
GOA	$3,279,900	$42,449,597	8%	$3,279,900	$42,449,597	8%	$427,503	$42,449,597	1%
Total High	$3,285,113	$58,588,167	6%	$4,009,072	$58,841,883	7%	$863,067	$58,841,883	1%
Total Low	$3,281,904	$58,588,167	6%	$4,005,862	$58,841,883	7%	$863,067	$58,841,883	1%

	Alt 6		
Area	At Risk	Status Quo	%
AI	$7,970,798	$35,040,695	23%
EBS High	$71,197,126	$514,539,012	14%
EBS Low	$71,197,126	$514,539,012	14%
CG	$33,868,538	$143,616,442	24%
EG	$8,640,572	$86,551,837	10%
WG	$11,097,484	$31,088,869	36%
GOA	$53,606,593	$261,257,147	21%
Total High	$132,774,517	$810,836,854	16%
Total Low	$132,774,517	$810,836,854	16%

Note: Alternative 6 includes values for groundfish, halibut, and crab. Coral Garden impacts are not included in Alternatives 5B or 5C; see text in Sections 3.7 and 3.8.

Table 3.4-1. Summary of Benefits and Costs for Alternative 3

Benefit or Cost Category	Alternative 1 - Status Quo	Alternative 3 - GOA NPT Slope Rockfish Slope from 200 to 1000 m
EFH Passive Use Value	No additional protection measures beyond those currently in place for EFH	Protects 29,059 km^2 of seabed from NPT targeting slope rockfish complex.
EFH Use Values	Continued commercial fishery exploitation in EFH areas.	It is not known whether protection of EFH under this alternative would result in sustained or increased production and yield of any FMP species. The other use values of EFH under this alternative are unknown.
Revenue At Risk	No revenues at risk for EFH protection measures	EFH protection measures place $2.65 million or 28.3% of $9.36 million in status quo gross revenue at risk in 2001. Both the CV and CP fleet in the CG and the CP fleet in the WG are impacted. Some or all of the revenue at risk may be mitigated in adjacent open areas (shallower than 200 m depth) and with PTR gear. Some revenue at risk may transfer from smaller CV to larger CV and CP fleet components.
Product Quality	No change from current management impacts on product quality	May have some impact on product quality in CV fleet due to longer running time to open areas.
Operating Costs	Operating costs as currently impacted by fishery management measures	There may be an increase in operating costs in both CV and CP fleets targeting slope RF in the CG and the CP fleet in the WG.
Safety	No change in safety costs from current condition	Some impact on safety costs due to increased effort to mitigate revenue at risk in the CG and WG.
Impacts on Related Fisheries	No additional impacts on related fisheries	Additional NPT effort targeting Slope RF in waters shallower than 200 m may increase gear conflicts with HAL and Pot fisheries.
Costs to Consumers	No additional costs to consumers	May have minimal increased costs to consumers since some or all of the gross revenue at risk may be mitigated and some increase in operational costs may be reflected in an increased price of products to consumers.
Management and Enforcement	No additional management or enforcement costs	Catcher vessel and catcher processor vessels using NPT gear and targeting slope rockfish may require VMS or 100% observer coverage. There may be additional management and research costs.
Impacts on Dependent Communities	No additional impacts on dependent communities	Due to GOA fishery effects, smaller Kodiak owned CVs may lose some rockfish share to larger CVs and C/Ps, and Kodiak and Washington owned C/Ps as a sector may be adversely affected, but overall impacts to dependent communities are expected to be insignificant.

Table 3.4-2. Distributional Revenue at Risk (millions of dollars) for Alternative 3[1/]

Revenue at Risk Category	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	<$0.01	<$0.01	28.0%	$0.62	$0.21	33.3%	$0.62	$0.21	33.3%
Central Gulf	$2.33	$0.43	18.6%	$5.62	$1.80	31.9%	$7.95	$2.23	28.0%
Western Gulf	$0.00	$0.00	0.0%	$0.79	$0.22	27.3%	$0.79	$0.22	27.3%
Total GOA	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
BS	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
AI	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
All Alaska	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
Fishery									
Groundfish	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.4-2. Distributional Revenue at Risk (millions of dollars) for Alternative 3[1/] (continued)

Revenue at Risk Category	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.4-2. Distributional Revenue at Risk (millions of dollars) for Alternative 3[1/] (continued)

Revenue at Risk Category	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk	Alternative 3 - Status Quo	Alternative 3 - Revenue at Risk	Alternative 3 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$2.33	$0.43	18.6%	$7.04	$2.22	31.5%	$9.36	$2.65	28.3%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher Vessels Are Ex-vessel Values and Catcher Processors Are First Wholesale Value (millions of dollars, based on 2001).

Table 3.5-1. Summary of Benefits and Costs for Alternative 4

Benefit or Cost Category	Alternative 1 - Status Quo	Alternative 4 - GOA NPT Slope Rockfish 11 Designated Areas BS NPT 25% Rotating Closures AI NPT Designated Areas
EFH Passive Use Value	No additional protection measures beyond those currently in place for EFH	Protects a total of 81,097 km^2 of EFH, including 22, 883 km^2 in the AI, 47,986 km^2 in the BS, and 10,228 km^2 in the GOA. Restricts NPT for all species in designated areas of the BS and AI and NPT for slope RF in designated areas of the GOA.
EFH Use Values	Continued commercial fishery exploitation in EFH areas.	It is not known whether protection of EFH under this alternative would result in sustained or increased production and yield of any FMP species. The other use values of EFH under this alternative are unknown.
Revenue At Risk	No revenues at risk for EFH protection measures	EFH protection measures place $3.53 to $6.11 million or 2.2% to 3.8% of the $156.86 to $162.79 million status quo gross revenue at risk (value dependent upon BS rotational area). GOA revenue at risk is $0.90 million or 9.6% of slope rockfish NPT status quo of $9.4 million. BS revenue at risk is $1.8 to $4.4 million or 2.0% to 4.5% of $90.92 to $96.74 million status quo. AI revenue at risk is $0.82 million or 1.4% of $56.70 million status quo. Main revenue at risk impact is for CPs at $0.86 million or 12.3% status quo at risk in the GOA, $1.82 million to $4.40 million or 2.0% to 4.8% at risk in BS, and $0.8 or 1.5% at risk in the AI. Main fisheries affected are NPT for slope rockfish in the GOA, flathead sole in BS and rockfish in the AI.
Product Quality	No change from current management impacts on product quality	May have some impact on product quality in CV fleet due to longer running time to open areas.
Operating Costs	Operating costs as currently impacted by fishery management measures	May be likely to increase operating costs in the CP and CV fleets in all areas.
Safety	No change in safety costs from current condition	May be likely to affect safety costs due to increased effort to mitigate revenue at risk.
Impacts on Related Fisheries	No additional impacts on related fisheries	Redeployment of NPT gear fishing effort in the BS and AI may impact fisheries using HAP and POT.
Costs to Consumers	No additional costs to consumers	May have minimal increased costs to consumers since some or all of the gross revenue at risk may be mitigated and some increase in operational costs may increase the price of products.
Management and Enforcement	No additional management or enforcement costs	Catcher vessel and catcher processor vessels using NPT gear and targeting slope rockfish in the GOA and all species in the BSAI may need VMS or 100% observer coverage. There may be additional management and research costs.
Impacts on Dependent Communities	No additional impacts on dependent communities	GOA related community impacts would be similar to Alt 3. BSAI fishery related community impacts would be negligible. Overall, impacts to dependent communities are expected to be insignificant.

Table 3.5-2. Distributional Revenue at Risk (millions of dollars) for Alternative 4[1/]

Revenue at Risk Category	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	<$0.01	<$0.01	7.8%	$0.62	$0.02	3.6%	$0.62	$0.02	3.6%
Central Gulf	$2.33	$0.03	1.2%	$5.62	$0.62	10.9%	$7.95	$0.64	8.1%
Western Gulf	$0.00	<$0.01	0.0%	$0.79	$0.23	28.9%	$0.79	$0.23	28.9%
Total GOA	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
BS	$0.00-$5.82	<$0.01	0.0%	$90.34-$90.92	$1.82-$4.40	2.0%-4.8%	$90.92-$96.74	$1.82-$4.40	2.0%-4.5%
AI	$1.33	<$0.01	0.1%	$55.38	$0.82	1.5%	$56.70	$0.82	1.4%
All Alaska	$3.54-$9.48	$0.03-$0.03	0.8%-0.3%	$152.75-$153.33	$3.50-$6.08	2.3%-4.0%	$156.86-$162.79	$3.53-$6.11	2.2%-3.8%
Fishery									
Groundfish	$3.54-$9.48	$0.03-$0.03	0.8%-0.3%	$152.75-$153.33	$3.50-$6.08	2.3%-4.0%	$156.86-$162.79	$3.53-$6.11	2.2%-3.8%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$3.54-$9.47	$0.03-$0.03	0.8%-0.3%	$152.75-$153.33	$3.50-$6.08	2.3%-4.0%	$156.86-$162.79	$3.53-$6.11	2.2%-3.8%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Other	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rockfish	$2.33	$0.03	1.2%	$7.03	$0.87	12.3%	$9.36	$0.90	9.6%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.5-2. Distributional Revenue at Risk (millions of dollars) for Alternative 4[1/] (continued)

Revenue at Risk Category	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.36-$3.38	$0.01-$0.08	0.3%-2.4%	$3.36-$3.38	$0.01-$0.08	0.3%-2.4%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46	$1.23-$3.34	8.5%-23.1%	$14.46	$1.23-$3.34	8.5%-23.1%
Greenland Turbot	$0.00	$0.00	0.0%	$0.56-$1.12	$0.12-$0.12	0.7%-10.9%	$0.56-$1.12	$0.12-$0.12	0.7%-10.9%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.04	12.9%-20.7%	$0.17-$0.18	$0.02-$0.04	12.9%-20.7%
Other Flatfish	$0.00	$0.00	0.0%	$4.16-$4.16	$0.01-$0.03	0.0%-0.7%	$4.16-$4.16	$0.01-$0.03	0.0%-0.7%
Pacific Cod	$0.00-$5.82	$0.00	0.0%	$8.50	$0.14-$0.73	1.6%-8.6%	$8.50-$14.33	$0.14-$0.73	1.6%-5.1%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.62-$23.62	$0.03-$0.15	0.1%-0.6%	$23.62-$23.62	$0.03-$0.15	0.1%-0.6%
Rockfish	$0.00	$0.00	0.0%	$0.05-$0.16	$0.01-$0.03	17.9%-20.6%	$0.05-$0.16	$0.01-$0.03	17.9%-20.6%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34-$35.34	<$0.01	0.0%-0.1%	$35.34-$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.03	$0.01	39.6%	$0.03	$0.01	39.6%
Atka Mackerel	$0.00	$0.00	0.0%	$41.16	$0.08	0.2%	$41.16	$0.08	0.2%
Flathead Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	55.0%	<$0.01	<$0.01	55.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.38	$0.19	51.1%	$0.38	$0.19	51.1%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.6%	<$0.01	<$0.01	0.6%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	<$0.01	0.1%	$8.28	$0.02	0.2%	$9.60	$0.02	0.2%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.13	$0.06	42.0%	$0.13	$0.06	42.0%
Rockfish	$0.00	$0.00	0.0%	$5.40	$0.46	8.6%	$5.40	$0.46	8.6%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.5-2. Distributional Revenue at Risk (millions of dollars) for Alternative 4[1/] (continued)

Revenue at Risk Category	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk	Alternative 4 - Status Quo	Alternative 4 - Revenue at Risk	Alternative 4 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	$0.00	$0.00	0.0%	$3.39-$3.42	$0.02-$0.10	0.7%-2.8%	$3.39-$3.42	$0.02-$0.10	0.7%-2.8%
Atka Mackerel	$0.00	$0.00	0.0%	$41.16	$0.08-$0.08	0.2%-0.2%	$41.16	$0.08-$0.08	0.2%-0.2%
Deep Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.47	$1.23-$3.35	8.5%-23.1%	$14.47	$1.23-$3.35	8.5%-23.1%
Greenland Turbot	$0.00	$0.00	0.0%	$0.94-$1.49	$0.20-$0.31	20.9%-21.0%	$0.94-$1.50	$0.20-$0.31	20.9%-20.9%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.04	12.8%-20.6%	$0.17-$0.18	$0.02-$0.04	12.8%-20.6%
Other Flatfish	$0.00	$0.00	0.0%	$4.16-$4.16	$0.01-$0.03	0.0%-0.7%	$4.16-$4.16	$0.01-$0.03	0.0%-0.7%
Pacific Cod	$1.21-$7.14	<$0.01	0.1%-0.0%	$16.78	$0.15-$0.74	0.9%-4.4%	$17.99-$23.92	$0.15-$0.75	0.9%-3.1%
Pollock - bottom	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.75-$23.75	$0.09-$0.20	0.4%-0.9%	$23.75-$23.75	$0.09-$0.20	0.4%-0.9%
Rockfish	$2.33-$2.33	$0.03-$0.03	1.2%-1.2%	$12.48-$12.58	$1.33-$1.36	10.7%-10.8%	$14.80-$14.91	$1.36-$1.39	9.2%-9.3%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34-$35.34	<$0.01	0.0%-0.1%	$35.34-$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher Vessels Are Ex-vessel Values and Catcher-Processors Are First Wholesale Value (millions of dollars, based on 2001).

Table 3.6-1. Summary of Benefits and Costs for Alternative 5A

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 5A GOA NPT SLOPE ROCKFISH SLOPE FROM 200 TO 1000 M GOA NPT ALL SPECIES 10 AREAS BS NPT ALL SPECIES 33% ROTATION AI NPT DESIGNATED AREAS
EFH Passive Use Value	No additional protection measures beyond those currently in place for EFH	Protects a total of 128,114 km^2 of EFH, including 32, 235 km^2 in the AI, 63,975 km^2 in the BS, and 31,904 km^2 in the GOA. Restricts NPT for all species in designated areas of the BS and AI and NPT for slope RF along the slope (200 to 1,000 m) and for all species in designated areas of the GOA.
EFH Use Values	Continued commercial fishery exploitation in EFH areas.	It is not known whether protection of EFH under this alternative will result in sustained or increased production and yield of any FMP species. The other use values of EFH under this alternative are unknown.
Revenue At Risk	No revenues at risk for EFH protection measures	EFH protection measures place $7.92 million to $10.90 million or 4.4% to 6.0% of the $180.66 to $181.30 million status quo gross revenue at risk (value dependent upon BS rotational area). GOA revenue at risk is $3.60 million or 13.0% of the status quo of $27.69 million. BS revenue at risk is $2.63 to $5.61 million or 2.7% to 5.8% of $96.27 to $96.91 million of status quo revenue. AI revenue at risk of $1.69 million or 3.0% of the $56.70 million status quo revenue. Both the CV and CP fleets have a similar percent of status quo revenue at risk of 4.6% (CV) and 4.4% to 6.2% (CP). The CP revenue at risk ranges from $7.02 million to $10.0 million and the CV fleet revenue at risk is $0.90 million. The CV fleet is affected mainly in the GOA while the CP fleets are affected in all three areas. The main fisheries affected are slope rockfish and Pacific cod in the GOA, flathead sole and Pacific cod in the BS, and rockfish in the AI.
Product Quality	No change from current management impacts on product quality	May have some impact on product quality in CV fleet due to longer running time to open areas.
Operating Costs	Operating costs as currently impacted by fishery management measures	Likelihood of up to a some increase in operating costs in the CV and CP fleets targeting Atka mackerel, Pacific cod and rockfish in the AI, the CP fleet targeting flathead sole and other flatfish in the BS, and the CV and CP fleets targeting rockfish and Pacific cod in the GOA.
Safety	No change in safety costs from current condition	Some impact on safety costs due to increased effort to mitigate revenue at risk, particularly in the AI.
Impacts on Related Fisheries	No additional impacts on related fisheries	Redeployment of NPT gear fishing effort may impact fisheries using HAP and POT.
Costs to Consumers	No additional costs to consumers	There may be increased costs to consumers if not all of the gross revenue at risk can be mitigated and if increases in operational costs and reflected in product prices.
Management and Enforcement	No additional management or enforcement costs	Catcher vessel and catcher processor vessels using NPT gear and targeting slope rockfish in the GOA and all species in the BSAI may require VMS or 100% observer coverage. There may be additional management and research costs.
Impacts on Dependent Communities	No additional impacts on dependent communities	Smaller CVs from King Cove, Sand Point, and Kodiak would likely experience adverse impacts, and these impacts, especially in conjunction with potential impacts to shoreside processors in smaller WG area communities, may be felt at the community level in King Cove and Sand Point. Adverse impacts to C/Ps would be concentrated exclusively in Kodiak and Washington and are expected to be insiginifcant at the community level.

Table 3.6-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5A [1/]

Revenue at Risk Category	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$0.31	$0.06	20.8%	$0.45	$0.18	39.3%	$0.76	$0.24	31.8%
Central Gulf	$9.76	$0.47	4.9%	$10.93	$2.07	18.9%	$20.69	$2.55	12.3%
Western Gulf	$2.24	$0.36	16.0%	$4.00	$0.45	11.3%	$6.25	$0.81	13.0%
Total GOA	$12.31	$0.90	7.3%	$15.38	$2.70	17.6%	$27.69	$3.60	13.0%
BS	$5.82	<$0.01	0.0%-0.0%	$90.45-$91.08	$2.63-$5.61	2.9%-6.2%	$96.27-$96.91	$2.63-$5.61	2.7%-5.8%
AI	$1.32	<$0.01	0.1%	$55.38	$1.69	3.1%	$56.70	$1.69	3.0%
All Alaska	$19.45	$0.90-$0.90	4.6%-4.6%	$161.21-$161.84	$7.02-$10.00	4.4%-6.2%	$180.66-$181.30	$7.92-$10.90	4.4%-6.0%
Fishery									
Groundfish	$19.45	$0.90-$0.90	4.6%-4.6%	$161.21-$161.84	$7.02-$10.00	4.4%-6.2%	$180.66-$181.30	$7.92-$10.90	4.4%-6.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$19.45	$0.90-$0.90	4.6%-4.6%	$161.21-$161.84	$7.02-$10.00	4.4%-6.2%	$180.66-$181.30	$7.92-$10.90	4.4%-6.0%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$3.08	<$0.01	0.1%	$3.08	<$0.01	0.1%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$0.79	<$0.01	1.1%	$0.79	<$0.01	1.1%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Pacific Cod	$7.34	$0.38	5.1%	$0.32	<$0.01	0.3%	$7.66	$0.38	4.9%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Rockfish	$2.33	$0.44	18.8%	$7.04	$2.38	33.8%	$9.36	$2.82	30.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.6-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5A [1/] (continued)

Revenue at Risk Category	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%
Greenland Turbot	$0.00	$0.00	0.0%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$5.82	<$0.01	0.0%-0.0%	$8.50	$0.19-$0.98	2.2%-11.5%	$14.33	$0.19-$0.98	1.3%-6.8%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%
Rockfish	$0.00	$0.00	0.0%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.0%-0.1%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$0.03	$0.01	39.3%	$0.03	$0.01	39.3%
Atka Mackerel	$0.00	$0.00	0.0%	$41.16	$0.20	0.5%	$41.16	$0.20	0.5%
Flathead Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	54.5%	<$0.01	<$0.01	54.5%
Greenland Turbot	$0.00	$0.00	0.0%	$0.38	$0.19	51.0%	$0.38	$0.19	51.0%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.6%	<$0.01	<$0.01	0.6%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	<$0.01	0.1%	$8.28	$0.13	1.6%	$9.59	$0.13	1.4%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.13	$0.06	42.8%	$0.13	$0.06	42.8%
Rockfish	$0.00	$0.00	0.0%	$5.40	$1.09	20.2%	$5.40	$1.09	20.2%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.6-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5A [1/] (continued)

Revenue at Risk Category	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk	Alternative 5A - Status Quo	Alternative 5A - Revenue at Risk	Alternative 5A - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$6.49-$6.50	$0.03-$0.11	0.5%-1.7%	$6.49-$6.50	$0.03-$0.11	0.5%-1.7%
Atka Mackerel	$0.00	$0.00	0.0%	$41.16	$0.20	0.5%	$41.16	$0.20	0.5%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$15.25-$15.25	$1.71-$4.24	11.2%-27.8%	$15.25-$15.25	$1.71-$4.24	11.2%-27.8%
Greenland Turbot	$0.00	$0.00	0.0%	$0.88-$1.49	$0.19-$0.32	21.2%-22.1%	$0.88-$1.49	$0.19-$0.32	21.2%-22.1%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.8%	$0.17-$0.18	$0.02-$0.05	11.6%-27.8%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$14.48	$0.38-$0.38	2.6%-2.6%	$17.10	$0.32-$1.11	1.9%-6.5%	$31.58	$0.70-$1.49	2.2%-4.7%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	$23.75-$23.75	$0.12-$0.22	0.5%-0.9%	$23.75-$23.75	$0.12-$0.22	0.5%-0.9%
Rockfish	$2.33	$0.44	18.8%	$12.11-$12.11	$3.49-$3.52	28.8%-29.1%	$14.44-$14.44	$3.93-$3.96	27.2%-27.4%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.00%-0.00%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).

Table 3.7-1. Summary of Benefits and Costs for Alternative 5B

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 5B GOA NPT SLOPE ROCKFISH SLOPE FROM 200 TO 1,000 M GOA NPT ALL SPECIES 10 AREAS BS NPT ALL SPECIES 33% ROTATION AI NPT DESIGNATED AREAS BY CPUE AND HABITAT AI ALL BOTTOM CONTACT GEAR IN SIX CORAL GARDENS
EFH Non-use Value	No change	This alternative would protect 160,865 to 172,568 km^2 of EFH—(64,986 to 76,689 km^2 in AI + 63,975 km^2 in BS + 31,904 km^2 in GOA). It would restrict NPT for all species in designated areas of BSAI and NPT for slope RF along the slope (200 to 1,000 m) and for all species in designated areas of GOA. It establishes open and closed areas for NPT fisheries. Under Options 1 and 2, AI NPT fisheries could be further restricted based on coral/sponge bycatch rates and would reduce TACs in some NPT fisheries by weight historically caught in closed areas. Under Option 2, fishing with all bottom-contact gear would be prohibited in six designated coral gardens in the AI.
EFH Use Values	Continued commercial fishery exploitation, at present levels, in EFH areas	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species. All other EFH use values under this alternative are unknown.
Revenue At Risk	No attributable EFH revenues at risk	EFH would place $7.46 million to $15.93 million (4.1 to 8.8% of the $179.77 million to $180.41 million status quo) gross revenue at risk (value dependent upon BS rotational area and AI option chosen). GOA revenue at risk would be $3.60 million (13.0 of $27.69 million status quo). BS revenue at risk would be $2.63 million to $5.61 million (2.7 to 5.8% of $96.27 million to $96.91 million status quo). AI revenue at risk due to NPT restrictions would be $6.71 million (12.0% of the $55.81 million status quo revenue) under Option 1, $2.99 million (5.4% of status quo revenue) under Option 2, and $1.23 million (2.2% of status quo revenue) under Option 3. Under Option 2, the six coral garden areas would place an additional $234,000 in groundfish revenue at risk, up to 4.4% of the halibut HAL harvest in the AI IPHC area 4B and 0.3% of catch in king and Tanner crab POT fisheries in the AI. BSAI revenue lost to TAC reduction could total $15.16 million which would be more than the revenue at risk in these areas under Option 1. AI revenue lost to TAC reduction could total $3.83 million under Option 2. C/P revenue at risk could range from $6.53 million to $14.72 million dependent upon BS rotational area and AI option chosen. CV revenue at risk would range from $0.93 million to $1.21 million dependent upon BS rotational area and AI option chosen. The CV fleet would be impacted in the GOA and AI, while C/Ps would be impacted in all three areas. The main fisheries affected would be slope rockfish and Pacific cod in GOA; flathead sole and Pacific cod in BS; and Atka mackerel, Pacific cod, and rockfish in AI.
Product Quality	No change	This alternative might have an adverse impact on product quality. The CV fleet might have increased running time to and from open areas.
Operating Costs	No change	This alternative would have probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in AI, C/Ps targeting flathead sole and other flatfish in BS, CVs and C/Ps targeting rockfish and Pacific cod in GOA. In AI, 100% observer coverage requirement would increase costs for 30% coverage vessels.
Safety	No change	This alternative would have the potential for some adverse safety impacts due to expected increased effort to mitigate revenue at risk, particularly in AI.
Impacts on Related Fisheries	No additional impacts on related fisheries	Redeployment of NPT effort in the BS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.
Costs to Consumers	No change	This alternative would have expected adverse impacts on consumers from AI NPT fishery restrictions. Some production would be lost due to TAC reductions under AI Options 1 and 2. Operational cost increases might result in higher consumer prices and/or limited supply. Consumer prices for other fishery products from other EFH impacted areas might increase, as well, if catch at risk were not recovered, or operational cost increases could be passed along to the consumer.
Management and Enforcement	No additional management or enforcement costs	CVs and C/Ps using NPT gear and targeting slope rockfish in the GOA, and all targeting species in the BSAI, might be required to have VMS or 100% observer coverage. In the AI, 100% observer coverage would increase management costs. In the AI, a required research and monitoring program would result in increase costs.
Impacts on Dependent Communities	No additional impacts on dependent communities	GOA and BS fishery related community impacts to King Cove, Sand Point, and Kodiak would be similar to Alternative 5A. Additional AI CV and C/P related impacts would accrue to Kodiak and Washington communities, but would probably be insignificant at the community level. Additional shoreside processing impacts might be seen at Unalaska/Dutch Harbor, but would probably be insignificant.

Table 3.7-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 1 [1/]

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$0.31	$0.06	20.8%	$0.45	$0.18	39.3%	$0.76	$0.24	31.8%
Central Gulf	$9.76	$0.47	4.9%	$10.93	$2.07	18.9%	$20.69	$2.55	12.3%
Western Gulf	$2.24	$0.36	16.0%	$4.00	$0.45	11.3%	$6.25	$0.81	13.0%
Total GOA	$12.31	$0.90	7.3%	$15.38	$2.70	17.6%	$27.69	$3.60	13.0%
BS	$5.82	<$0.01	0.0%-0.0%	$90.45-$91.08	$2.63-$5.61	2.9%-6.2%	$96.27-$96.91	$2.63-$5.61	2.7%-5.8%
AI	$1.32	$0.31	23.6%	$54.49	$6.40	11.7%	$55.81	$6.71	12.0%
All Alaska	$19.45	$1.21-$1.21	6.2%-6.2%	$160.32-$160.95	$11.73-$14.72	7.3%-9.1%	$179.77-$180.41	$12.94-$15.93	7.2%-8.8%
Fishery									
Groundfish	$19.45	$1.21-$1.21	6.2%-6.2%	$160.32-$160.95	$11.73-$14.72	7.3%-9.1%	$179.77-$180.41	$12.94-$15.93	7.2%-8.8%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$19.45	$1.21-$1.21	6.2%-6.2%	$160.32-$160.95	$11.73-$14.72	7.3%-9.1%	$179.77-$180.41	$12.94-$15.93	7.2%-8.8%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$3.08	<$0.01	0.1%	$3.08	<$0.01	0.1%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$0.79	<$0.01	1.1%	$0.79	<$0.01	1.1%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Pacific Cod	$7.34	$0.38	5.1%	$0.32	<$0.01	0.3%	$7.66	$0.38	4.9%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Rockfish	$2.33	$0.44	18.8%	$7.04	$2.38	33.8%	$9.36	$2.82	30.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 1 [1/] (continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%
Greenland Turbot	$0.00	$0.00	0.0%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$5.82	<$0.01	0.0%-0.0%	$8.50	$0.19-$0.98	2.2%-11.5%	$14.33	$0.19-$0.98	1.3%-6.8%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%
Rockfish	$0.00	$0.00	0.0%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.0%-0.1%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	<$0.01	<$0.01	11.1%	<$0.01	<$0.01	11.1%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$3.61	8.8%	$41.01	$3.61	8.8%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.03	<$0.01	18.8%	$0.03	<$0.01	18.8%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	7.4%	<$0.01	<$0.01	7.4%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	$0.31	23.6%	$8.29	$1.33	16.1%	$9.61	$1.64	17.1%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.08	<$0.01	11.7%	$0.08	<$0.01	11.7%
Rockfish	$0.00	$0.00	0.0%	$5.08	$1.45	28.5%	$5.08	$1.45	28.5%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 1 [1/] (continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$3.61	8.8%	$41.01	$3.61	8.8%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%
Greenland Turbot	$0.00	$0.00	0.0%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$14.48	$0.69-$0.69	4.7%-4.8%	$17.12	$1.52-$2.31	8.9%-13.5%	$31.60	$2.21-$3.00	7.0%-9.5%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%
Rockfish	$2.33	$0.44	18.8%	$12.27-$12.27	$3.84-$3.87	31.3%-31.5%	$14.60-$14.60	$4.28-$4.31	29.3%-29.5%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.00%-0.00%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).

Table 3.7-3. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 2 (excluding AI coral gardens impacts [2/]) [1/]

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$0.31	$0.06	20.8%	$0.45	$0.18	39.3%	$0.76	$0.24	31.8%
Central Gulf	$9.76	$0.47	4.9%	$10.93	$2.07	18.9%	$20.69	$2.55	12.3%
Western Gulf	$2.24	$0.36	16.0%	$4.00	$0.45	11.3%	$6.25	$0.81	13.0%
Total GOA	$12.31	$0.90	7.3%	$15.38	$2.70	17.6%	$27.69	$3.60	13.0%
BS	$5.82	<$0.01	0.0%-0.0%	$90.45-$91.08	$2.63-$5.61	2.9%-6.2%	$96.27-$96.91	$2.63-$5.61	2.7%-5.8%
AI	$1.32	$0.05	3.9%	$54.49	$2.94	5.4%	$55.81	$2.99	5.4%
All Alaska	$19.45	$0.95-$0.95	4.9%-4.9%	$160.32-$160.95	$8.27-$11.25	5.2%-7.0%	$179.77-$180.41	$9.22-$12.20	5.1%-6.8%
Fishery									
Groundfish	$19.45	$0.95-$0.95	4.9%-4.9%	$160.32-$160.95	$8.27-$11.25	5.2%-7.0%	$179.77-$180.41	$9.22-$12.20	5.1%-6.8%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$19.45	$0.95-$0.95	4.9%-4.9%	$160.32-$160.95	$8.27-$11.25	5.2%-7.0%	$179.77-$180.41	$9.22-$12.20	5.1%-6.8%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$3.08	<$0.01	0.1%	$3.08	<$0.01	0.1%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$0.79	<$0.01	1.1%	$0.79	<$0.01	1.1%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Pacific Cod	$7.34	$0.38	5.1%	$0.32	<$0.01	0.3%	$7.66	$0.38	4.9%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Rockfish	$2.33	$0.44	18.8%	$7.04	$2.38	33.8%	$9.36	$2.82	30.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-3. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 2 (excluding AI coral gardens impacts [2/]) [1/](continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%
Greenland Turbot	$0.00	$0.00	0.0%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$5.82	<$0.01	0.0%	$8.50	$0.19-$0.98	2.2%-11.5%	$14.33	$0.19-$0.98	1.3%-6.8%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%
Rockfish	$0.00	$0.00	0.0%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.0%-0.1%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	<$0.01	<$0.01	11.1%	<$0.01	<$0.01	11.1%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$1.59	3.9%	$41.01	$1.59	3.9%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.03	<$0.01	0.4%	$0.03	<$0.01	18.8%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	7.4%	<$0.01	<$0.01	7.4%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	$0.05	3.9%	$8.29	$0.43	5.2%	$9.61	$0.48	5.0%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.08	<$0.01	11.7%	$0.08	<$0.01	11.7%
Rockfish	$0.00	$0.00	0.0%	$5.08	$1.19	23.5%	$5.08	$1.19	23.5%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-3. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 2 (excluding AI coral gardens impacts [2/]) [1/] (continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$1.59	3.9%	$41.01	$1.59	3.9%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%
Greenland Turbot	$0.00	$0.00	0.0%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$14.48	$0.44-$0.45	3.0%-3.1%	$17.12	$0.62-$1.41	0.4%-8.2%	$31.60	$1.05-$1.84	3.3%-5.8%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%
Rockfish	$2.33	$0.44	18.8%	$12.27-$12.27	$3.58-$3.61	29.4%	$14.60-$14.60	$4.02-$4.05	27.5%-27.7%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.00%-0.00%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).
2/ Impacts on revenue and catch at risk from the AI Coral Garden areas are excluded from the table and covered in the RIR text.

Table 3.7-4. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 3 [1/]

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$0.31	$0.06	20.8%	$0.45	$0.18	39.3%	$0.76	$0.24	31.8%
Central Gulf	$9.76	$0.47	4.9%	$10.93	$2.07	18.9%	$20.69	$2.55	12.3%
Western Gulf	$2.24	$0.36	16.0%	$4.00	$0.45	11.3%	$6.25	$0.81	13.0%
Total GOA	$12.31	$0.90	7.3%	$15.38	$2.70	17.6%	$27.69	$3.60	13.0%
BS	$5.82	<$0.01	0.0%-0.0%	$90.45-$91.08	$2.63-$5.61	2.9%-6.2%	$96.27-$96.91	$2.63-$5.61	2.7%-5.8%
AI	$1.32	$0.03	2.2%	$54.49	$1.20	2.2%	$55.81	$1.23	2.2%
All Alaska	$19.45	$0.93-$0.93	4.8%-4.8%	$160.32-$160.95	$6.53-$9.51	4.1%-5.9%	$179.77-$180.41	$7.46-$10.44	4.1%-5.8%
Fishery									
Groundfish	$19.45	$0.93-$0.93	4.8%-4.8%	$160.32-$160.95	$6.53-$9.51	4.1%-5.9%	$179.77-$180.41	$7.46-$10.44	4.1%-5.8%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$19.45	$0.93-$0.93	4.8%-4.8%	$160.32-$160.95	$6.53-$9.51	4.1%-5.9%	$179.77-$180.41	$7.46-$10.44	4.1%-5.8%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$3.08	<$0.01	0.1%	$3.08	<$0.01	0.1%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$0.79	<$0.01	1.1%	$0.79	<$0.01	1.1%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Pacific Cod	$7.34	$0.38	5.1%	$0.32	<$0.01	0.3%	$7.66	$0.38	4.9%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	0.0%	<$0.01	<$0.01	0.0%
Rockfish	$2.33	$0.44	18.8%	$7.04	$2.38	33.8%	$9.36	$2.82	30.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-4. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 3 [1/] (continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%	$3.38-$3.38	$0.02-$0.09	0.5%-2.8%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%	$14.46-$14.46	$1.70-$4.23	11.8%-29.3%
Greenland Turbot	$0.00	$0.00	0.0%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%	$0.50-$1.12	$0.12-$0.13	0.5%-11.2%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%	$0.17-$0.18	$0.02-$0.05	11.6%-27.9%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$5.82	<$0.01	0.0%	$8.50	$0.19-$0.98	2.2%-11.5%	$14.33	$0.19-$0.98	1.3%-6.8%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%	$23.62-$23.62	$0.07-$0.16	0.3%-0.7%
Rockfish	$0.00	$0.00	0.0%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%	$0.16-$0.16	$0.01-$0.04	7.2%-27.2%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.0%-0.1%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	<$0.01	<$0.01	11.1%	<$0.01	<$0.01	11.1%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$0.62	1.5%	$41.01	$0.62	1.5%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.03	<$0.01	0.4%	$0.03	<$0.01	18.8%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	7.4%	<$0.01	<$0.01	7.4%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	$0.03	2.3%	$8.29	$0.32	3.9%	$9.61	$0.35	3.6%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.08	<$0.01	11.7%	$0.08	<$0.01	11.7%
Rockfish	$0.00	$0.00	0.0%	$5.08	$0.26	5.1%	$5.08	$0.26	5.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.7-4. Distributional Revenue at Risk (millions of dollars) for Alternative 5B, Option 3 [1/] (continued)

Revenue at Risk Category	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk	Alternative 5B - Status Quo	Alternative 5B - Revenue at Risk	Alternative 5B - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	<$0.01	<$0.01	0.0%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%	$6.47-$6.48	$0.02-$0.10	0.3%-1.5%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$0.62	1.5%	$41.01	$0.62	1.5%
Deep Water Flatfish	$0.33	$0.01	3.4%	<$0.01	<$0.01	2.2%	$0.33	$0.01	3.4%
Flathead Sole	<$0.01	<$0.01	0.0%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%	$15.24-$15.25	$1.71-$4.24	11.2%-27.8%
Greenland Turbot	$0.00	$0.00	0.0%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%	$0.53-$1.15	$0.13-$0.13	1.5%-11.4%
Other	$0.00	$0.00	0.0%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%	$0.17-$0.18	$0.02-$0.05	11.6%-27.7%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	<$0.01	0.2%-0.6%	$4.32	<$0.01	0.2%-0.6%
Pacific Cod	$14.48	$0.41-$0.41	2.8%-2.8%	$17.12	$0.51-$1.30	3.0%-7.6%	$31.60	$0.92-$1.71	2.9%-5.4%
Pollock - bottom	$0.80	$0.07	9.1%	$0.00	$0.00	0.0%	$0.80	$0.07	9.1%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.3%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%	$23.70-$23.70	$0.08-$0.17	0.3%-0.7%
Rockfish	$2.33	$0.44	18.8%	$12.27-$12.27	$2.65-$2.68	21.6%-21.8%	$14.60-$14.60	$3.09-$3.12	21.2%-22.4%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	<$0.01	0.00%-0.00%	$35.34	<$0.01	0.0%-0.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).

Table 3.8-1. Summary of Benefits and Costs for Alternative 5C (Preferred Alternative)

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 5C (PREFERRED ALTERNATIVE) GOA NPT ALL SPECIES 10 DESIGNATED AREAS AI NPT DESIGNATED AREAS BY CPUE AND HABITAT AI ALL BOTTOM CONTACT GEAR IN SIX CORAL GARDENS
EFH Non-use Value	No change	This alternative would protect 74,250 km^2 of EFH (7,157 km^2 in GOA + 67,093 km^2 in AI). It would restrict NPT for all species in 10 designated areas of the GOA slope (200 to 1,000 m) and for all species in designated areas of AI. It would prohibit use of all bottom contact gear in 380 km^2 in six designated coral garden areas of the AI.
EFH Use Values	Continued commercial fishery exploitation at present levels in EFH areas	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species. All other EFH use values under this alternative are unknown.
Revenue At Risk	No attributable EFH revenues at risk	EFH NPT protection measures would place $2.39 million or 1.3% of the $180.41 million status quo gross revenue at risk. GOA revenue at risk would be $1.17 million or 4.2% of the status quo of $27.69 million. GOA affected fisheries would include CV NPT targeting Pacific cod and C/P NPT fisheries targeting Pacific cod, rockfish, and rex sole. AI revenue at risk would be $1.23 million or 2.2% of the $55.81 million status quo revenue. The C/P revenue at risk would be $2.0 million or 1.2% of the $160.95 million status quo gross revenue. CV revenue at risk would be $0.4 million or 2.0% of the $19.45 million status quo gross revenue. NPT restrictions in the AI would affect CV fisheries targeting Pacific cod and C/P fisheries targeting Atka mackerel, Pacific cod, and rockfish. AI coral garden area closure to bottom contact gear would place an additional $234,000 of groundfish revenue at risk, up to 4.4% of AI HAL halibut catch at risk, and 0.3% of POT catch of AI king and Tanner crab.
Product Quality	No change	This alternative might have an adverse impact on product quality. The CV fleet might have increased running time to and from open areas.
Operating Costs	No change	This alternative would have probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in the AI, and CVs and C/Ps targeting rockfish and Pacific cod in GOA. In the AI, 100% observer coverage requirement would increase costs for 30% coverage vessels. In the GOA, 100% VMS requirement for bottom contact gear vessels would impose additional costs, particularly on smaller vessels.
Safety	No change	This alternative would create the potential for some adverse safety impacts due to expected increased effort to mitigate revenue at risk, particularly in AI.
Impacts on Related Fisheries	No additional impacts on related fisheries	Redeployment of NPT effort in the AI might adversely impact fisheries using HAL and POT through damage, loss, or displacement.
Costs to Consumers	No change	This alternative would have expected adverse impacts on consumers from AI NPT fishery restrictions. Operational cost increases might result in higher consumer prices and/or limited supply. Consumer prices for other fishery products from other EFH impacted areas might increase, as well, if catch at risk were not recovered, or operational cost increases could be passed along to the consumer.
Management and Enforcement	No additional management or enforcement costs	CVs and C/Ps using bottom contact gear in the GOA might be required to have VMS or 100% observer coverage for EFH and HAPC regulation enforcement. In the AI, 100% observer coverage would increase management costs.
Impacts on Dependent Communities	No additional impacts on dependent communities	GOA fishery related community impacts to King Cove, Sand Point, and Kodiak would be similar to Alternative 5A. Additional AI CV and C/P related impacts would accrue to Kodiak and Washington communities, but would probably be insignificant at the community level. Additional shoreside processing impacts might be seen at Unalaska/Dutch Harbor, but would probably be insignificant.

Table 3.8-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5C, Preferred Alternative (excluding AI coral gardens impacts [2/]) [1/]

Revenue at Risk Category	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$0.31	$0.02	6.1%	$0.45	$0.02	3.5%	$0.76	$0.03	4.6%
Central Gulf	$9.76	$0.05	0.5%	$10.93	$0.51	4.7%	$20.69	$0.56	2.7%
Western Gulf	$2.24	$0.30	13.4%	$4.00	$0.27	6.7%	$6.25	$0.57	9.1%
Total GOA	$12.31	$0.37	3.0%	$15.38	$0.80	5.2%	$27.69	$1.17	4.2%
BS	$5.82	$0.00	0.0%	$91.08	$0.00	0.0%	$96.91	$0.00	0.0%
AI	$1.32	$0.03	2.2%	$54.49	$1.20	2.2%	$55.81	$1.23	2.2%
All Alaska	$19.45	$0.40	2.0%	$160.95	$2.00	1.2%	$180.41	$2.39	1.3%
Fishery									
Groundfish	$19.45	$0.40	2.0%	$160.95	$2.00	1.2%	$180.41	$2.39	1.3%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gear									
NPT	$19.45	$0.40	2.0%	$160.95	$2.00	1.2%	$180.41	$2.39	1.3%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
HAL	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
POT	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Target Fishery									
GOA									
Arrowtooth Flounder	<$0.01	$0.00	0.0%	$3.08	$0.00	0.1%	$3.08	<$0.01	0.0%
Deep Water Flatfish	$0.33	$0.02	6.8%	<$0.01	$0.00	0.0%	$0.33	<$0.01	0.0%
Flathead Sole	<$0.01	$0.00	0.0%	$0.79	$0.01	0.8%	$0.79	<$0.01	0.0%
Other	$0.00	$0.00	0.0%	<$0.01	$0.00	0.0%	<$0.01	<$0.01	0.0%
Pacific Cod	$7.34	$0.32	4.4%	$0.32	$0.00	0.2%	$7.66	$0.32	4.2%
Pollock - bottom	$0.80	$0.00	0.0%	$0.00	$0.00	0.0%	$0.80	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.2%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	$0.00	0.0%	<$0.01	$0.00	0.0%
Rockfish	$2.33	$0.02	1.0%	$7.04	$0.50	7.0%	$9.36	$0.52	5.5%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	<0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.8-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5C, Preferred Alternative (excluding AI coral gardens impacts) (continued)

Revenue at Risk Category	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
BS									
Arrowtooth Flnd.	$0.00	N/A	N/A	$3.38	N/A	N/A	$3.38	N/A	N/A
Atka Mackerel	$0.00	N/A	N/A	$0.00	N/A	N/A	$0.00	N/A	N/A
Flathead Sole	$0.00	N/A	N/A	$14.46	N/A	N/A	$14.46	N/A	N/A
Greenland Turbot	$0.00	N/A	N/A	$1.12	N/A	N/A	$1.12	N/A	N/A
Other	$0.00	N/A	N/A	$0.18	N/A	N/A	$0.18	N/A	N/A
Other Flatfish	$0.00	N/A	N/A	$4.32	N/A	N/A	$4.32	N/A	N/A
Pacific Cod	$5.82	N/A	N/A	$8.50	N/A	N/A	$14.32	N/A	N/A
Pollock--midwater	$0.00	N/A	N/A	$0.00	N/A	N/A	$0.00	N/A	N/A
Rock Sole	$0.00	N/A	N/A	$23.62	N/A	N/A	$23.62	N/A	N/A
Rockfish	$0.00	N/A	N/A	$0.16	N/A	N/A	$0.16	N/A	N/A
Sablefish	$0.00	N/A	N/A	$0.00	N/A	N/A	$0.00	N/A	N/A
Yellowfin Sole	$0.00	N/A	N/A	$35.34	N/A	N/A	$35.34	N/A	N/A
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AI									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	<$0.01	<$0.01	11.1%	<$0.01	<$0.01	11.1%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$0.62	1.5%	$41.01	$0.62	1.5%
Flathead Sole	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Greenland Turbot	$0.00	$0.00	0.0%	$0.03	<$0.01	0.4%	$0.03	<$0.01	18.8%
Other	$0.00	$0.00	0.0%	<$0.01	<$0.01	7.4%	<$0.01	<$0.01	7.4%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.32	$0.03	2.3%	$8.29	$0.32	3.9%	$9.61	$0.35	3.6%
Pollock--midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rock Sole	$0.00	$0.00	0.0%	$0.08	<$0.01	11.7%	$0.08	<$0.01	11.7%
Rockfish	$0.00	$0.00	0.0%	$5.08	$0.26	5.1%	$5.08	$0.26	5.1%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 3.8-2. Distributional Revenue at Risk (millions of dollars) for Alternative 5C, Preferred Alternative (excluding AI coral gardens impacts) (continued)

Revenue at Risk Category	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk	Alternative 5C - Status Quo	Alternative 5C - Revenue at Risk	Alternative 5C - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Alaska									
Arrowtooth Flounder	<$0.01	$0.00	0.0%	$6.48	<$0.01	<0.1%	$6.48	<$0.01	<0.1%
Atka Mackerel	$0.00	$0.00	0.0%	$41.01	$0.62	1.5%	$41.01	$0.62	1.5%
Deep Water Flatfish	$0.33	$0.02	6.8%	<$0.01	$0.00	0.0%	$0.33	$0.02	6.0%
Flathead Sole	<$0.01	$0.00	0.0%	$15.25	$0.01	<0.1%	$15.25	$0.01	0.1%
Greenland Turbot	$0.00	$0.00	0.0%	$1.15	<$0.01	<0.1%	$1.15	<$0.01	0.1%
Other	$0.00	$0.00	0.0%	$0.18	<$0.01	<0.1%	$0.18	<$0.01	<0.1%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	$0.00	0.0%	$4.32	$0.00	0.0%
Pacific Cod	$14.48	$0.35	2.4%	$17.12	$0.32	1.8%	$31.60	$0.67	2.1%
Pollock - bottom	$0.80	$0.00	0.0%	$0.00	$0.00	0.0%	$0.80	$0.00	0.0%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.00	$0.00	0.0%	$4.15	$0.30	7.2%	$4.15	$0.30	7.3%
Rock Sole	$0.00	$0.00	0.0%	$23.70	<$0.01	<0.1%	$23.70	<$0.01	<0.1%
Rockfish	$2.33	$0.02	1.0%	$12.27	$0.76	6.2%	$14.60	$0.78	5.3%
Sablefish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Shallow Water Flatfish	$1.51	<$0.01	<0.1%	$0.00	$0.00	0.0%	$1.51	<$0.01	0.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.34	$0.00	0.0%	$35.34	$0.00	0.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).
2/ Impacts on revenue and catch at risk from the AI Coral Garden areas are excluded from the table and covered in the RIR text.

Table 3.8-3. Comparison of Costs of Adding VMS to GOA Vessels Falling in Different Size Classes

Variable	All Vessels	Less Than or Equal to 32 Feet	Less Than or Equal to 30 Feet	Less Than or Equal to 25 Feet	Unknown
Count of vessels	928 (install on 635)	84 (install on 76)	28 (install on 28)	15 (install on 15)	11 (install on 11)
Average installation cost in a vessel adding it	$1,550	$1,550	$1,550	$1,550	$1,550
Average annual transmission costs all vessels	$527	$372	$252	$203	$581
Average annual repair costs for a vessel adding VMS	$47/$93	$93	$93	$93	$93
Average 2003 revenues all vessels	$580,000	$103,000	$17,000	$5,000	$20,000
2003 median	$196,000				
Total installation costs for vessels adding it	$984,000	$118,000	$43,000	$23,000	$17,000
Total annual transmission costs all vessels	$489,000	$31,000	$7,000	$3,000	$6,000
Total annual repair costs all vessels	$34,000	$7,800	$2,600	$1,400	$1,000
Total 2003 gross revenues from all sources	**$538,191,000**	**$8,689,000**	**$476,000**	**$73,000**	**$219,000**

Notes: The "all vessels" and "less than or equal to" categories include vessels that already have VMS. Eight vessels in the less than or equal to 32 feet category already have VMS. Gross revenues estimates include gross revenues from all sources in federally and State of Alaska managed fisheries off of Alaska, including fisheries not using bottom-contact gear. Repair costs were estimated at $47 for vessels over 32 feet and at $93 for others. Breakdowns may also result in losses due to lost fishing time. These have not been monetized.

Table 3.9-1. Summary of Benefits and Costs for Alternative 6

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 6 CLOSURE TO ALL BOTTOM TENDING GEAR IN 20% OF FISHABLE WATERS
EFH Non-Use Value	No change	This alternative would protect 218,750 km^2 of EFH (20,729 km^2 in the AI + 136,031 km^2 in the BS + 61,991 km^2 in the GOA). It would restrict NPT for all species in designated areas of the BSAI. In the GOA, NPT for slope RF along the slope (200 to 1,000 m) and all species in designated areas would be restricted. It would prohibit NPT fisheries in the AI based on coral/sponge bycatch rates. It would Reduce TACs in NPT fisheries by weight historically caught in closed areas.
EFH Use Values	Continued commercial fishery exploitation, at present levels, in EFH areas.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species. All other EFH use values under this alternative are unknown.
Revenue At Risk	No revenues at risk	EFH protection measures would place $237.20 million (18.9% of $1.26 billion status quo gross revenue) at risk. GOA revenue at risk would be $46.52 million (22.0% of status quo of $211.48 million). BS revenue at risk would be $177.54 million (19.0% of $934.36 million status quo). AI revenue at risk would be $13.14 million (11.8% of $111.30 million status quo). Groundfish fisheries would incur the largest revenue at risk impact at $163.76 million (16.0% of status quo), followed by halibut at $38.34 million (34.2% of status quo), crab at $34.11 million (29.4% of status quo), then scallops at $0.98 million (29.1% of status quo revenue). In the GOA, these would be, in order, halibut fisheries at $32.12 million, sablefish fisheries at $6.66 million, Pacific cod fisheries at $2.63 million, and rockfish fishery at $2.29 million. In the BS, the pollock fishery would have revenues at risk of $104.04 million, crab fisheries $28.45 million, and Pacific cod $23.83 million at risk. In the AI, the crab fishery would have $5.3 million at risk, halibut fishery $2.69 million, and Pacific cod $2.32 million at risk.
Product Quality	No change	There would likely be some adverse impact on product quality in the CV fleet due to longer running time between open areas and shoreside processors.
Operating Costs	No change	There would be a strong likelihood of some increase in operating costs of CVs and C/Ps targeting Atka mackerel, Pacific cod and rockfish in the AI, C/Ps targeting flathead sole and other flatfish in the BS, CVs and C/Ps targeting rockfish and Pacific cod in the GOA. In the AI, 100% observer requirement would increase costs for current 30% coverage vessels.
Safety	No change	There might be an impact on safety costs due to increased effort to mitigate revenue at risk in all areas.
Impacts on Related Fisheries	No change	Redeployment of NPT effort in the BS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.
Costs to Consumers	No additional costs to consumers	There would be a high probability of adverse impacts on consumers. There would be a likely significant loss of aggregate production due to substantial reductions in fishable open areas. Operational cost increases might be prohibitive for some operations and/or sectors. Loss of production would result in higher consumer prices and/or limited supplies. There would be a potential for loss of market share, with associated welfare losses for U.S. consumers.
Management and Enforcement	No additional management or enforcement costs	Catcher vessel and catcher processor vessels using bottom-contact fishing gear for all species might be required to have VMS or 100% observer coverage. Additional management costs may be inferred.
Impacts on Dependent Communities	No additional impacts on dependent communities	Significant dependent community impacts would result from Alternative 6. Groundfish CV related community impacts would be largely concentrated in King Cove, Sand Point, Kodiak, and Homer. Halibut CV impacts would be felt in many communities of various sizes throughout the GOA and BSAI regions, but would likely be most adverse in the comparatively small communities of Sand Point and St. George. Crab fleet associated impacts would be most prominent in Kodiak, although some of the smaller community fleets might also feel effects. Seattle CVs would experience the greatest level of impact of any community fleet, but effects would be insignificant at the community level. C/P impacts would be concentrated largely in Kodiak and Washington communities. Shoreside processor impacts would be concentrated largely in Unalaska, St. Paul, and Kodiak, although other communities would be affected. Overall, multi-sector impacts that might be significant at the community level would occur in Kodiak, Sand Point, King Cove, St. George, and St. Paul. Other communities with substantial, but likely less than significant, impacts would be Homer, Seward, Sitka, Petersburg, Unalaska, and Seattle. Additional impacts related specifically to small vessel fleets due to substantial nearby closures would be likely for a number of communities. Based on 2001 data, St. George is the most obvious example, but similar (if less intense) effects would likely be felt in St. Paul, the Chigniks, and Port Alexander. A number of other communities would experience indirect impacts through permanent local closures serving to make any future small vessel fisheries development difficult, if not impossible.

Table 3.9-2. Distributional Revenue at Risk (millions of dollars) for Alternative 6[1/]

Revenue at Risk Category	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Geographic									
Eastern Gulf	$69.21	$6.62	9.6%	$3.05	$0.94	31.0%	$72.26	$7.56	10.5%
Central Gulf	$88.21	$24.88	28.2%	$17.72	$4.35	24.5%	$105.92	$29.23	27.6%
Western Gulf	$21.03	$8.48	40.3%	$12.26	$1.25	10.2%	$33.30	$9.73	29.2%
Total GOA	$178.45	$39.98	22.4%	$33.03	$6.54	19.8%	$211.48	$46.52	22.0%
BS	$191.81	$39.49	20.6%	$742.55	$138.05	18.6%	$934.36	$177.54	19.0%
AI	$28.41	$6.83	24.0%	$82.89	$6.31	7.6%	$111.30	$13.14	11.8%
All Alaska	$398.67	$86.30	21.6%	$858.47	$150.89	17.6%	$1,257.14	$237.20	18.9%
Fishery									
Groundfish	$180.60	$16.76	9.3%	$845.01	$147.00	17.4%	$1,025.60	$163.76	16.0%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	$112.04	$38.28	34.2%	$0.12	$0.06	48.0%	$112.16	$38.34	34.2%
Crab	$106.03	$31.26	29.5%	$9.97	$2.85	28.6%	$116.00	$34.11	29.4%
Scallop	$0.00	$0.00	0.0%	$3.37	$0.98	29.1%	$3.37	$0.98	29.1%
Gear									
EG									
HAL	$55.84	$6.58	11.8%	$1.48	$0.28	19.2%	$57.32	$6.86	12.0%
JIG	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
NPT	$0.29	$0.04	12.9%	$0.00	$0.00	0.0%	$0.29	$0.04	12.9%
POT	$13.08	<$0.01	<0.1%	$0.00	$0.00	0.0%	$13.08	<$0.01	<0.1%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
DRG	$0.00	$0.00	0.0%	$1.57	$0.66	42.0%	$1.57	$0.66	42.0%
CG									
HAL	$73.51	$23.01	31.3%	$2.85	$0.45	15.8%	$76.35	$23.46	30.7%
JIG	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
NPT	$10.66	$1.31	12.3%	$13.48	$3.54	26.3%	$24.14	$4.85	15.2%
POT	$4.04	$0.56	13.9%	$0.39	$0.11	27.3%	$4.44	$0.67	15.1%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
DRG	$0.00	$0.00	0.0%	$0.99	$0.25	25.3%	$0.99	$0.25	25.3%
WG									
HAL	$17.16	$8.02	46.7%	$6.85	$0.86	12.5%	$24.01	$8.88	37.0%
JIG	$0.12	<$0.01	<0.1%	$0.00	$0.00	0.0%	$0.12	<$0.01	<0.1%
NPT	$2.17	$0.25	11.3%	$4.47	$0.33	7.4%	$6.64	$0.58	8.7%
POT	$1.59	$0.22	14.0%	$0.76	$0.03	3.8%	$2.35	$0.25	10.7%
PTR	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
DRG	$0.00	$0.00	0.0%	$0.18	$0.03	16.7%	$0.18	$0.03	16.7%
BS									
HAL	$11.06	$3.58	32.3%	$115.28	$21.73	18.9%	$126.34	$25.31	20.0%
JIG	$0.03	<$0.01	8.5%	$0.00	$0.00	0.0%	$0.03	<$0.01	8.5%
NPT	$5.82	$0.17	2.9%	$90.49	$17.60	19.4%	$96.34	$20.03	20.8%
POT	$81.43	$27.82	34.2%	$11.04	$2.61	23.7%	$92.47	$28.16	30.5%
PTR	$93.44	$7.92	8.5%	$525.16	$96.11	18.3%	$618.60	$104.04	16.8%
DRG	$0.00	$0.00	0.0%	$0.58	$0.00	0.0%	$0.58	$0.00	0.0%
AI								$177.54	
HAL	$10.35	$3.03	0.0%	$22.71	$0.49	2.1%	$33.06	$3.51	10.6%
JIG	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
NPT	$1.32	<$0.01	<0.1%	$55.38	$3.97	7.2%	$56.70	$3.98	7.0%
POT	$16.74	$3.80	22.7%	$4.28	$1.76	41.0%	$21.02	$5.56	26.4%
PTR	$0.00	$0.00	0.0%	$0.45	$0.04	10.0%	$0.45	$0.04	10.0%
DRG	$0.00	$0.00	0.0%	$0.06	$0.05	83.3%	$0.06	$0.05	83.3%

Table 3.9-2. Distributional Revenue at Risk (millions of dollars) for Alternative 6[1/] (continued)

Revenue at Risk Category	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
Target Fishery									
GOA									
Arrowtooth Flounder	$0.12	$0.01	9.8%	$3.37	$0.44	13.2%	$3.48	$0.46	13.1%
Deep Water Flatfish	$0.32	$0.06	18.1%	<$0.01	<$0.01	86.8%	$0.32	$0.06	18.5%
Flathead Sole	$0.13	<$0.01	0.2%	$0.77	$0.04	5.5%	$0.90	$0.04	4.7%
Other	$0.09	$0.02	20.5%	<$0.01	<$0.01	<0.1%	$0.10	$0.02	19.5%
Pacific Cod	$15.34	$1.68	10.9%	$7.09	$0.96	13.5%	$22.43	$2.63	11.7%
Pollock - bottom	$0.88	<$0.01	0.2%	$0.00	$0.00	0.0%	$0.88	<$0.01	0.2%
Pollock - midwater	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Rex Sole	$0.01	<$0.01	1.2%	$5.02	$0.87	17.3%	$5.03	$0.87	17.3%
Rock Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	<0.1%	<$0.01	<$0.01	<0.1%
Rockfish	$4.25	$0.46	10.9%	$6.41	$1.83	28.5%	$10.67	$2.29	21.5%
Sablefish	$45.87	$5.29	11.5%	$7.35	$1.37	18.7%	$53.21	$6.66	12.5%
Shallow Water Flatfish	$1.60	$0.04	2.2%	$0.09	<$0.01	<0.1%	$1.69	$0.04	2.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	$94.50	$32.07	33.9%	$0.12	$0.06	48.0%	$94.62	$32.12	33.9%
Crab	$15.34	$0.37	2.4%	$0.00	$0.00	0.0%	$15.34	$0.37	2.4%
Scallop	$0.00	$0.00	0.0%	$2.74	$0.94	34.3%	$2.74	$0.94	34.3%
BS									
Arrowtooth Flnd.	$0.00	$0.00	0.0%	$3.40	$0.08	2.3%	$3.40	$0.08	2.3%
Atka Mackerel	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Flathead Sole	$0.00	$0.00	0.0%	$14.46	$1.84	12.7%	$14.46	$1.84	12.7%
Greenland Turbot	$0.06	<$0.01	0.2%	$2.55	$0.79	31.1%	$2.61	$0.79	30.4%
Other	$0.00	$0.00	0.0%	$0.54	$0.07	13.6%	$0.54	$0.07	13.6%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	$1.73	40.1%	$4.32	$1.73	40.1%
Pacific Cod	$12.66	$0.62	4.9%	$126.14	$23.22	18.4%	$138.80	$23.83	17.2%
Pollock--midwater	$93.44	$7.92	8.5%	$525.16	$96.11	18.3%	$618.60	$104.04	16.8%
Rock Sole	$0.00	$0.00	0.0%	$23.62	$2.42	10.2%	$23.62	$2.42	10.2%
Rockfish	$0.00	$0.00	0.0%	$0.03	<$0.01	11.8%	$0.04	<$0.01	12.6%
Sablefish	$1.42	$0.07	5.2%	$0.05	<$0.01	11.8%	$1.48	$0.08	5.6%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.39	$10.65	30.1%	$35.39	$10.65	30.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	$9.80	$3.53	36.0%	$0.00	$0.00	0.0%	$9.80	$3.53	36.0%
Crab	$74.42	$27.35	36.7%	$6.27	$1.10	17.6%	$80.70	$28.45	35.3%
Scallop	$0.00	$0.00	0.0%	$0.58	<$0.01	0.0%	$0.58	<$0.01	0.0%

Table 3.9-2. Distributional Revenue at Risk (millions of dollars) for Alternative 6[1/] (continued)

Revenue at Risk Category	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk	Alternative 6 - Status Quo	Alternative 6 - Revenue at Risk	Alternative 6 - % of Status Quo Revenue at Risk
Fleet Component	**Catcher Vessels**			**Catcher-Processors**			**Total**		
AI									
Arrowtooth Flnd.	<$0.01	<$0.01	<0.1%	$0.04	$0.01	32.50%	$0.04	$0.01	32.40%
Atka Mackerel	$0.00	$0.00	0.00%	$41.18	$0.89	2.20%	$41.18	$0.89	2.20%
Flathead Sole	$0.00	$0.00	0.0%	<$0.01	<$0.01	54.0%	<$0.01	<$0.01	54.0%
Greenland Turbot	$0.01	<$0.01	11.3%	$0.41	$0.22	53.9%	$0.42	$0.22	52.9%
Other	<$0.01	<$0.01	36.4%	$0.20	$0.03	17.2%	$0.20	$0.04	17.5%
Other Flatfish	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%	$0.00	$0.00	0.0%
Pacific Cod	$1.44	<$0.01	0.4%	$29.92	$2.32	7.7%	$31.35	$2.32	7.4%
Pollock--midwater	$0.00	$0.00	0.0%	$0.06	<$0.01	16.4%	$0.06	<$0.01	16.4%
Rock Sole	$0.00	$0.00	0.0%	$0.36	$0.04	10.5%	$0.36	$0.04	10.5%
Rockfish	$0.00	$0.00	0.0%	$0.13	$0.06	42.2%	$0.13	$0.06	42.2%
Sablefish	$0.02	<$0.01	10.9%	$5.47	$0.77	14.1%	$5.49	$0.78	14.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	$7.74	$2.69	34.7%	$0.00	$0.00	0.0%	$7.74	$2.69	34.7%
Crab	$16.27	$3.55	21.8%	$3.69	$1.75	47.3%	$19.96	$5.30	26.5%
Scallop	$0.00	$0.00	0.0%	$0.06	$0.05	83.3%	$0.06	$0.05	83.3%
Alaska									
Arrowtooth Flounder	$0.12	$0.01	9.8%	$6.81	$0.54	7.9%	$6.93	$0.55	7.9%
Atka Mackerel	$0.00	$0.00	0.0%	$41.18	$0.89	2.2%	$41.18	$0.89	2.2%
Deep Water Flatfish	$0.32	$0.06	18.1%	<$0.01	<$0.01	86.8%	$0.32	$0.06	18.5%
Flathead Sole	$0.13	<$0.01	0.2%	$15.24	$1.89	12.4%	$15.37	$1.89	12.3%
Greenland Turbot	$0.07	<$0.01	1.8%	$2.96	$1.01	34.2%	$3.03	$1.01	33.5%
Other	$0.09	$0.02	21.0%	$0.75	$0.11	14.5%	$0.84	$0.13	15.2%
Other Flatfish	$0.00	$0.00	0.0%	$4.32	$1.73	40.1%	$4.32	$1.73	40.1%
Pacific Cod	$29.44	$2.30	7.8%	$163.15	$26.49	16.2%	$192.59	$28.79	15.0%
Pollock - bottom	$2.54	$0.61	24.2%	$23.96	$5.14	21.4%	$26.50	$5.75	21.7%
Pollock - midwater	$91.77	$7.31	8.0%	$501.61	$91.02	18.1%	$593.38	$98.33	16.6%
Rex Sole	$0.01	<$0.01	1.2%	$5.02	$0.87	17.3%	$5.03	$0.87	17.3%
Rock Sole	$0.00	$0.00	0.0%	$23.75	$2.47	10.4%	$23.75	$2.47	10.4%
Rockfish	$4.28	$0.46	10.9%	$11.91	$2.60	21.9%	$16.19	$3.07	19.0%
Sablefish	$50.22	$5.94	11.8%	$8.70	$1.53	17.5%	$58.92	$7.47	12.7%
Shallow Water Flatfish	$1.60	$0.04	2.2%	$0.09	<$0.01	<0.1%	$1.69	$0.04	2.1%
Yellowfin Sole	$0.00	$0.00	0.0%	$35.39	$10.65	30.1%	$35.39	$10.65	30.1%
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	$112.04	$38.28	34.2%	$0.12	$0.06	48.0%	$112.16	$38.34	34.2%
Crab	$106.03	$31.26	29.5%	$9.97	$2.85	28.6%	$116.00	$34.11	29.4%
Scallop	$0.00	$0.00	0.0%	$3.37	$0.98	29.1%	$3.37	$0.98	29.1%

1/ Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001).

Table 3.9-3. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001

Geographical Area	Community	Number of Unique Catcher Vessels	Pollock	Pacific Cod	Other Groundfish	Halibut	Crab	Salmon
Alaska								
Aleutians East Borough	False Pass	1	0	1	1	1	0	0
	King Cove	10	6	10	2	3	10	8
	Sand Point	12	10	12	6	6	10	10
Aleutians East Borough Total		23	16	23	9	10	20	18
Anchorage Borough	Anchorage	14	5	11	10	12	5	5
	Girdwood	1	1	1	1	1	0	1
Anchorage Borough Total		15	6	12	11	13	5	6
Juneau Borough	Douglas	1	0	1	1	1	0	0
	Juneau	7	0	0	7	7	1	2
Juneau Borough Total		8	0	1	8	8	1	2
Kenai Peninsula Borough	Anchor Point	3	2	3	3	3	0	3
	Fritz Creek	1	0	1	1	1	0	1
	Halibut Cove	1	0	0	1	1	0	0
	Homer	36	15	29	33	33	1	19
	Kenai	1	0	1	1	1	0	0
	Nikolaevsk	1	1	1	1	1	0	1
	Seldovia	2	0	2	2	2	0	0
	Seward	6	0	2	6	6	1	3
Kenai Peninsula Borough Total		51	18	39	48	48	2	27
Ketchikan Gateway Borough	Ketchikan	12	0	5	12	12	0	7
Kodiak Island Borough	Kodiak	71	26	66	54	54	39	15
	Larsen Bay	2	0	2	2	0	1	1
	Old Harbor	5	0	5	1	1	2	5
	Port Lions	2	0	2	1	2	0	1
Kodiak Island Borough Total		80	26	75	58	57	42	22
Matanuska-Susitna Borough	Palmer	1	0	0	1	1	0	0
	Wasilla	2	0	1	2	2	0	1
	Willow	2	2	2	2	2	0	2
Matanuska-Susitna Borough Total		5	2	3	5	5	0	3
Prince of Wales-Outer Ketchikan Census Area	Craig	6	0	1	6	6	0	5
	Klawock	1	0	1	1	1	0	1
	Meyers Chuck	1	0	1	1	1	0	1
	Thorne Bay	1	0	0	1	0	0	0
Pr of Wales-Outer Ketch CA Total		9	0	3	9	8	0	7
Sitka Borough	Sitka	40	0	23	40	36	5	23
Skagway-Yakutat-Angoon Census Area	Angoon	1	0	1	1	1	0	1
	Gustavus	1	0	1	1	1	0	0
	Hoonah	2	0	1	2	2	1	2
	Pelican	3	0	2	3	3	1	0
Skagway-Yakutat-Angoon CA Total		7	0	5	7	7	2	3
Valdez-Cordova Census Area	Cordova	6	1	1	6	6	2	1
Wrangell-Petersburg Census Area	Kake	1	0	1	1	1	1	1
	Petersburg	28	1	12	28	28	18	20
	Port Alexander	5	0	2	5	5	1	2
	Wrangell	4	0	0	4	4	0	1
Wrangell-Petersburg Census Area Total		38	1	15	38	38	20	24
ZOther Alaska	Delta Junction	2	2	2	2	2	0	2
	Haines	1	0	1	1	1	0	1
	Unalaska	3	1	3	2	1	1	1
Other Alaska Total		6	3	6	5	4	1	4
Alaska Grand Total		300	73	211	256	252	100	147
Oregon	Astoria	2	1	1	2	1	0	0
	Brookings	1	1	1	1	0	0	0
	Cloverdale	1	1	1	1	1	0	0
	Coos Bay	1	1	1	1	0	0	0
	Depoe Bay	2	1	2	1	1	1	0
	Florence	2	2	2	2	0	1	0
	Mapleton	1	0	1	1	1	0	0
	Newport	18	16	17	18	4	6	0
	Port Orford	1	1	1	1	0	0	0
	Portland	1	0	1	1	0	1	0

Table 3.9-3. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001 (continued)

Geographical Area	Community	Number of Unique Catcher Vessels	Pollock	Pacific Cod	Other Groundfish	Halibut	Crab	Salmon
	Reedsport	1	0	0	1	1	0	0
	Seal Rock	1	0	1	1	1	1	1
	Seaside	1	0	0	1	1	0	0
	Siletz	2	2	2	2	0	2	1
	Sisters	2	0	2	2	2	2	0
	South Beach	1	1	1	1	0	0	0
	Warrenton	2	1	2	2	2	0	0
	Westfir	1	0	0	1	1	0	0
	Woodburn	3	0	2	2	3	0	2
Oregon Total		44	28	38	42	19	14	4
Washington	Aberdeen	2	1	2	2	1	0	0
	Anacortes	8	2	3	8	6	0	1
	Bainbridge Island	1	0	0	1	1	0	0
	Bellingham	5	2	4	5	4	2	1
	Blaine	3	3	3	3	1	0	0
	Burlington	1	0	1	1	1	0	1
	Camano Island	2	0	1	1	1	1	0
	Camas	1	1	1	1	0	1	0
	Chimacum	1	0	0	1	1	0	1
	Chinook	1	0	1	1	1	0	0
	East Wenatchee	1	1	1	1	1	0	0
	Edmonds	7	2	3	7	5	1	4
	Ellensburg	1	0	0	1	1	0	0
	Everett	1	0	1	1	1	0	0
	Federal Way	1	0	1	0	0	1	0
	Fox Island	1	1	1	1	1	0	0
	Friday Harbor	1	0	1	1	1	0	0
	Gig Harbor	2	0	1	2	2	0	0
	Granite Falls	1	0	1	1	1	0	0
	Issaquah	1	1	1	1	0	1	0
	Kalama	1	0	1	0	1	0	1
	Kingston	2	1	1	2	1	0	0
	Kirkland	1	0	1	1	1	0	0
	Long Beach	1	0	0	1	1	0	0
	Lynden	1	1	1	1	1	0	0
	Mill Creek	1	0	1	1	1	0	0
	Montesano	1	0	1	1	1	0	0
	Mount Vernon	1	0	0	1	1	0	1
	Olympia	1	0	0	1	1	0	0
	Port Angeles	1	0	0	1	1	0	1
	Port Hadlock	1	0	0	1	1	0	1
	Port Townsend	4	0	2	3	4	0	2
	Poulsbo	2	0	1	2	1	1	1
	Prosser	1	0	1	1	1	0	1
	Reardan	1	1	1	1	1	0	1
	Renton	1	0	1	0	0	1	0
	Seattle	71	50	56	68	20	23	5
	Seaview	1	0	1	0	1	0	0
	Shoreline	3	3	3	3	2	1	0
	Snohomish	1	0	0	1	1	0	0
	South Bend	1	1	1	1	0	0	0
	Squrmamish	1	1	1	1	0	0	0
	Sultan	1	0	0	1	1	0	0
	Vashon	2	0	1	2	2	0	0
	Woodinville	2	0	0	2	2	0	0
Washington Total		146	72	102	137	77	33	22
Other States	Fort Bragg	2	0	1	2	2	0	0
	Half Moon Bay	2	2	2	2	0	0	0
	Hayfork	1	1	1	0	0	0	0
	Kailua Kona	2	1	2	2	2	2	2
	Kamuela	1	0	1	0	1	0	1
	Lemmon	1	0	1	0	0	0	0

Table 3.9-3. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel for Selected Fisheries Groups, 2001 (continued)

Geographical Area	Community	Number of Unique Catcher Vessels	Pollock	Pacific Cod	Other Groundfish	Halibut	Crab	Salmon
	Magnolia Springs	1	0	1	0	0	1	0
	Midvale	1	0	0	1	1	0	0
	Mooresville	1	1	1	1	1	0	1
	Post Falls	1	0	1	1	1	0	0
	Richmond	1	1	1	1	1	1	0
	San Pedro	1	0	1	1	1	1	0
	Santa Barbara	1	1	1	1	1	1	0
	Trinidad	1	0	1	0	1	1	0
Total Other States		17	7	15	12	12	7	4
Grand Total All Regions		**507**	**180**	**366**	**447**	**360**	**154**	**177**

Source: AKFIN data set 2003

Table 3.9-4. Count of Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Geographical Area of Residence of Owner of Vessel for Selected Fisheries Groups, 2001

Geographical Area	Number of Unique Catcher Vessels	Pollock	Pacific Cod	Other Groundfish	Halibut	Crab	Salmon
Alaska							
Aleutians East Borough	23	16	23	9	10	20	18
Anchorage Borough	15	6	12	11	13	5	6
Juneau Borough	8	0	1	8	8	1	2
Kenai Peninsula Borough	51	18	39	48	48	2	27
Ketchikan Gateway Borough	12	0	5	12	12	0	7
Kodiak Island Borough	80	26	75	58	57	42	22
Matanuska-Susitna Borough	5	2	3	5	5	0	3
Prince of Wales-Outer Ketchikan Census Area	9	0	3	9	8	0	7
Sitka Borough	40	0	23	40	36	5	23
Skagway-Yakutat-Angoon Census Area	7	0	5	7	7	2	3
Valdez-Cordova Census Area	6	1	1	6	6	2	1
Wrangell-Petersburg Census Area	38	1	15	38	38	20	24
Other Alaska	6	3	6	5	4	1	4
Total Alaska	300	73	211	256	252	100	147
Oregon	44	28	38	42	19	14	4
Washington	146	72	102	137	77	33	22
Other States	17	7	15	12	12	7	4
Grand Total All Areas	**507**	**180**	**366**	**447**	**360**	**154**	**177**

Note: Shaded cells suppressed in accompanying value tables to preserve confidentiality.

Columns will sum to total given, but rows will not due to removal of scallop and herring vessels to protect confidentiality.

Source: AKFIN data set 2003

Table 3.9-5. Value of Harvest for Groundfish Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Geographical Area of Residence of Owner of Vessel for Selected Fisheries Groups, 2001

Geographical Area	Number of Unique Catcher Vessels	Pollock	Pacific Cod	Other Groundfish	Halibut	Crab	Salmon	Total Ex-Vessel Value
Alaska								
Aleutians East Borough	23	$2,329,111	$2,573,423	$17,404	$988,468	$341,416	$909,354	$6,870,674
Anchorage Borough	15	$1,106,064	$940,729	$530,171	$1,417,408	$1,520,214	$300,381	$5,113,989
Juneau Borough	8	$0	*	$271,243	$1,568,145	*	*	$1,347,123
Kenai Peninsula Borough	51	$214,326	$1,187,996	$3,287,973	$8,512,716	*	$741,134	$10,290,647
Ketchikan Gateway Borough	12	$0	$411	$722,930	$834,514	$0	$1,071,004	$2,417,259
Kodiak Island Borough	80	$4,615,125	$5,093,343	$4,502,912	$13,623,258	$2,629,983	$2,562,885	$26,582,033
Matanuska-Susitna Borough	5	*	*	$201,885	$323,254	$0	*	$556,816
Prince of Wales-Outer Ketchikan Cer	9	*	*	$272,675	$279,897	$0	$427,433	$1,081,361
Sitka Borough	40	$0	$21,464	$6,577,440	$4,225,671	$250,926	$1,676,210	$10,885,615
Skagway-Yakutat-Angoon Census Ai	7	$0	$316	$1,022,049	$598,794	*	*	$1,636,078
Valdez-Cordova Census Area	6	*	*	$452,731	$1,144,092	*	*	$1,431,624
Wrangell-Petersburg Census Area	38	*	$161,995	$5,268,949	$4,516,635	$1,160,119	$3,009,116	$12,377,002
Other Alaska	6	*	$203,767	$555,791	$418,207	*	$106,572	$1,082,559
Total Alaska	300	$8,268,413	$10,330,509	$23,684,151	$38,451,059	$6,766,691	$11,413,241	$81,672,780
Oregon	44	$15,961,491	$6,590,484	$3,284,771	$5,310,879	$2,946,473	$35,286	$31,502,892
Washington	146	$113,109,600	$8,628,283	$17,484,653	$24,106,187	$5,788,888	$1,726,743	$158,922,660
Other States	17	$4,609,447	$1,085,622	$2,457,096	$4,067,636	$805,237	$489,000	$11,502,391
Grand Total All Areas	**507**	**$141,948,951**	**$26,634,897**	**$46,910,671**	**$71,935,761**	**$16,307,288**	**$13,664,270**	**$283,600,723**

Note: Value in cells marked with an * suppressed to preserve confidentiality

Columns will sum to total given, but rows will not due to removal of scallop and herring vessels to protect confidentiality.

Source: AKFIN data set 2003

Table 3.9-6. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel, 2001

Geographical Area	Community	Number of Catcher Vessels
Alaska		
Aleutians East Borough	False Pass	1
	King Cove	3
	Sand Point	13
Aleutians East Borough Total		17
Aleutians West Census Area	Atka	1
	Unalaska	1
Aleutians West Census Area Total		2
Anchorage Borough	Anchorage	12
Juneau Borough	Juneau	18
	Douglas	2
Juneau Borough Total		20
Kenai Peninsula Borough	Homer	44
	Seward	8
	Anchor Point	5
	Seldovia	2
	Clam Gulch	1
	Fritz Creek	1
	Halibut Cove	1
	Kasilof	1
	Kenai	1
	Nikiski	1
	Nokolaevsk	1
Kenai Peninsula Borough Total		66
Ketchikan Gateway Borough	Ketchikan	14
	Ward Cove	1
Ketchikan Gateway Borough Total		15
Kodiak Borough	Kodiak	90
	Port Lions	2
	Old Harbor	1
	Ouzinkie	1
Kodiak Borough Total		94
Lake and Peninsula Borough	Chignik	1
	Chignik Lagoon	1
Lake and Peninsula Borough Total		2
Matanuska-Susitna Borough	Wasilla	3
	Willow	2
	Palmer	1
Matanuska-Susitna Borough Total		6
Pribilof Islands Census Area	Saint George Island	8
Prince of Wales Census Area	Craig	7
	Klawock	1
	Meyers Chuck	1
Prince of Wales Census Area Total		9
Sitka Borough	Sitka	41
	Port Alexander	8
Sitka Borough Total		49

Table 3.9-6. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel, 2001 (continued)

Geographical Area	Community	Number of Catcher Vessels
Skagway-Yakutat-Angoon Census Area	Pelican	3
	Gustavus	2
	Hoonah	2
	Yakutat	1
Skagway-Yakutat-Angoon Census Area Total		8
Valdez-Cordova Census Area	Cordova	7
Wrangell-Petersburg Census Area	Kake	1
	Petersburg	38
	Wrangell	4
Wrangell-Petersburg Census Area Total		43
Alaska Total		**358**
Oregon	Woodburn	7
	Newport	6
	Warrenton	4
	Astoria	2
	Depoe Bay	2
	Ashland	1
	Brookings	1
	Cloverdale	1
	Mapleton	1
	Molalla	1
	North Bend	1
	Oregon City	1
	Seal Rock	1
	Seaside	1
	Westfir	1
Oregon Total		**31**
Washington	Seattle	25
	Anacortes	11
	Port Townsend	7
	Edmonds	5
	Bellingham	4
	Snohomish	3
	Bainbridge Island	2
	Friday Harbor	2
	Gig Harbor	2
	Kirkland	2
	Poulsbo	2
	Shoreline	2
	Vashon	2
	Woodinville	2
	Bainbridge Island	1
	Burlington	1
	Camano Island	1
	Chimacum	1
	Ellensburg	1
	Enumclaw	1
	Everett	1
	Fox Island	1
	Granite Falls	1
	Kalama	1
	Kingston	1

Table 3.9-6. Count of Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel, 2001 (continued)

Geographical Area	Community	Number of Catcher Vessels
	Lynden	1
	Mill Creek	1
	Montesano	1
	Mount Vernon	1
	Port Angeles	1
	Port Hadlock	1
	Prosser	1
	Salkum	1
	Seaview	1
	Tacoma	1
	Westport	
Washington Total		**92**
Other States	Fort Bragg, CA	2
	Richmond, CA	1
	San Pedro, CA	1
	Santa Barbara, CA	1
	Trinidad, CA	1
	Kailua-Kona, HI	1
	Post Falls, ID	1
	Scotia, NY	1
Other States Total		**9**
Unknown		1
Grand Total		**491**

Source: AKFIN data set 2003

Table 3.9-7. Value of Harvest for Halibut Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Geographical Area of Residence of Owner of Vessel, 2001

Geographical Area	Number of Catcher Vessels	Ex-Vessel Value
Alaska		
Aleutians East Borough	17	$747,500
Kenai Peninsula Borough	66	$5,280,348
Kodiak Borough	94	$8,808,770
Sitka Borough	49	$1,744,714
Other Alaska	132	$4,471,217
Alaska Total	**358**	**$21,052,549**
Oregon	31	$3,199,964
Washington	92	$12,393,897
Other States	9	$1,637,008
Grand Total	**491**	**$38,283,418**

Source: AKFIN data set 2003

Table 3.9-8. Count of Crab Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Community of Residence of Owner of Vessel, 2001

Geographical Area	Community	Number of Catcher Vessels
Alaska		
Aleutians East Borough	King Cove	2
	Sand Point	3
Aleutians East Borough Total		5
Anchorage Borough	Anchorage	5
Kenai Peninsula Borough	Homer	6
	Kenai	1
	Seldovia	1
Kenai Peninsula Borough Total		8
Kodiak Island Borough	Kodiak	25
Sitka Borough	Sitka	2
Skagway-Yakutat-Angoon Census Area	Yakutat	1
Valdez-Cordova Census Area	Cordova	1
Wrangell-Petersburg Census Area	Petersburg	3
Alaska Total		**50**
Oregon	Newport	11
	Other Oregon	6
Oregon Total		**17**
Washington	Seattle	78
	Other Washington	33
Washington Total		**111**
Other States	California	1
	Hawaii	1
Other States Total		**2**
Grand Total All Areas		**180**

Source: AKFIN data set 2003

Table 3.9-9. Value of Harvest for Crab Catcher Vessels Harvesting in Areas Potentially Affected by Alternative 6 by Geographical Area of Residence of Owner of Vessel, 2001

Geographical Area	Number of Catcher Vessels	Ex-Vessel Value
Alaska		
Aleutians East Borough	5	$139,913
Kenai Peninsula Borough	8	$706,959
Kodiak Island Borough	25	$4,919,598
Other Alaska	12	$1,910,278
Alaska Total	**50**	**$7,676,748**
Washington	111	$19,434,233
Other States	19	$4,150,657
Grand Total	**180**	**$31,261,638**

Source: AKFIN data set 2003

Table 3.9-10. Count of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Alternative 6 by Community of Ownership, 2001

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	# of Unique GF Processors
MOTHERSHIPS					
Washington	Seattle	4	4	2	4
CATCHER-PROCESSORS					
Alaska					
Aleutians West Census Area	Unalaska	2	2	2	2
Kodiak Island Borough	Kodiak	1	2	1	2
Oher Alaska	Anchorage	1	1	1	1
	Homer			1	1
	Petersburg	3	3	3	3
	Seward			1	1
	Sitka			1	1
Other Alaska Total		4	4	7	7
Unknown	Unknown	1	1	1	1
Alaska Total		**8**	**9**	**11**	**12**
Washington	Anacortes	1	1	1	1
	Bellevue	1	1	1	1
	Bellingham	2	2	2	2
	Edmonds	3	3	3	3
	Mill Creek	1	1	1	1
	Redmond	1	1	1	1
	Renton	1	1		1
	Seattle	53	54	52	54
	Woodinville	1	1	1	1
Washington Total		**64**	**65**	**62**	**65**
Other States	Richmond, CA	1	1	1	1
	Rockland, ME	3	3	3	3
Total Other States		**4**	**4**	**4**	**4**
Total All Areas		**76**	**78**	**77**	**81**
Mothership and Catcher-Processor Combined Total		**80**	**82**	**79**	**85**

Halibut, Crab, Scallop, and Herring counts are zero for all areas.
Source: AKFIN data set 2003

Table 3.9-11. Count of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Alternative 6 by Grouped Area of Ownership, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	# of Unique GF Processors
MOTHERSHIPS				
Washington	4	4	2	4
CATCHER-PROCESSORS				
Alaska				
Aleutians West Census Area	2	2	2	2
Kodiak Island Borough	1	2	1	2
Other Alaska	4	4	7	7
Unknown	1	1	1	1
Alaska Total	8	9	11	12
Washington	64	65	62	65
Other States	4	4	4	4
Total Catcher Processors	76	78	77	81
Total Motherships and Catcher-Processors	**80**	**82**	**79**	**85**

Shaded cells suppressed in accompanying value tables to preserve confidentiality.
Source: AKFIN data set 2003

Table 3.9-12. First Wholesale Value of Mobile Groundfish Processors (motherships and catcher-processors) Operating in Areas (or processing catch from areas) Affected by Alternative 6 by Grouped Area of Ownership, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish
MOTHERSHIPS				
Washington	$122,030,329	*	*	$123,690,790
CATCHER-PROCESSORS				
Alaska				
Aleutians West Census Area	*	*	*	*
Kodiak Island Borough	*	*	*	*
Other Alaska	$289,345	$11,606,787	$2,246,046	$14,142,177
Unknown	*	*	*	*
Alaska Total	$442,919	$22,930,223	$3,618,231	$26,991,373
Washington	$625,385,384	$111,672,471	$110,582,146	$847,640,000
Other States	$2,277,019	$5,732,493	$6,260,976	$14,270,487
Total Catcher-Processors	$628,105,322	$140,335,186	$120,461,352	$888,901,860
Total Motherships and Catcher-Processors	**$750,135,650**	**$141,987,378**	**$120,469,621**	**$1,012,592,650**

*****Values in cells marked with * are suppressed to reserve confidentiality.

Source: AKFIN data set 2003

Table 3.9-13. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Alternative 6 by Community of Operation of Processor, 2001

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	# of Unique GF Processors	Halibut	Crab	Scallops	Salmon	Herring
FLOATING PROCESSORS										
Alaska										
Aleutians East Borough	Akutan	1	1		1					
Aleutians West Census Area	Unalaska	1	1	1	1					
Alaska Total		2	2	1	2					
Washington	Arlington								2	
	Seattle	2	2	1	2		6		7	7
	Sequim								1	
Washington Total		2	2	1	2		6		10	7
Total All Areas		4	4	2	4		6		10	7
SHORE PLANTS										
Alaska										
Aleutians East Borough	Akutan	1	1	1	1	1	1			1
	King Cove	1	2	1	2	1	1		2	1
	Port Miller								1	
	Sand Point	1	1	1	1	1	1		1	
Aleutians East Borough Total		3	4	3	4	3	3		4	2
Aleutians West Census Area	Atka			1	1	1				
	Saint Paul Island	1	1		1	1	1			
	Unalaska	3	7	5	7	6	5			2
Aleutians West Census Area Total		4	8	6	9	8	6			2
Anchorage Borough	Anchorage		2	2	2	3	1		3	
Bristol Bay Borough	Naknek								3	2
Dillingham Census Area	Ekuk								1	1
Haines Borough	Haines								1	
Juneau Borough	Juneau	1	3	3	3	3	4		4	1
Kenai Peninsula Borough	Anchor Point					1			1	
	Homer		2	2	2	2			1	
	Kasilof								1	
	Kenai		1	1	1	3			6	
	Ninilchik	1	1	1	1	1	1		1	
	Seward	1	3	3	3	3			2	
	Soldotna					1			1	1
Kenai Peninsula Borough Total		2	7	7	7	11	1		13	1
Ketchikan Gateway Borough	Ketchikan		2	2	2	2	1		5	3
Kodiak Island Borough	Kodiak	7	9	9	9	7	8	1	8	5
	Moser Bay		1	1	1	1			1	1
Kodiak Island Borough Total		7	10	10	10	8	8	1	9	6
Lake and Peninsula Borough	Chignik		1	1	1	1			2	
	Egegik					1			1	1

Table 3.9-13. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Alternative 6 by Community of Operation of Processor, 2001 (continued)

Geographical Area	Community	Pollock	Pacific Cod	Other Groundfish	# of Unique GF Processors	Halibut	Crab	Scallops	Salmon	Herring
Lake and Peninsula Borough Total			1	1	1	2			3	1
Prince of Wales-Outer Ketchikan Census Area	Craig								1	
Sitka Borough	Sitka		3	4	4	2	3		4	3
Skagway-Yakutat-Angoon Census Area	Excursion Inlet					1			1	
	Hoonah		1	1	1	1	1		1	
	Pelican		1	1	1	1			1	
	Yakutat		2	2	2	2		1	2	
Skagway-Yakutat-Angoon Census Area Total			4	4	4	5	1	1	5	
Valdez-Cordova Census Area	Cordova	1	4	5	5	4			5	
	Valdez		1	2	2	2			3	
	Whittier		1	1	1	1			1	
Valdez-Cordova Census Area Total		1	6	8	8	7			9	
Wrangell-Petersburg Census Area	Kake			1	1	1	1		1	
	Petersburg		2	3	3	3	3		6	2
	Wrangell		1	2	2	2	2		2	1
Wrangell-Petersburg Census Area			3	6	6	6	6		9	3
Alaska Total		18	53	56	60	60	34	2	74	25
Washington	Seattle	1	1	1	1	1	1			
Total Shore Plants All Areas		19	54	57	61	61	35	2	74	25
Grand Total Floaters + Shore Plants		**23**	**58**	**59**	**65**	**61**	**41**	**2**	**84**	**32**

Source: AKFIN data set 2003

Table 3.9-14. Count of Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Alternative 6 by Grouped Community of Operation of Processor, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish	Halibut	Crab	Salmon	Herring
FLOATING PROCESSORS								
Alaska								
Aleutians East Borough	1	1		1				
Aleutians West Census Area	1	1	1	1				
Alaska Total	2	2	1	2				
Washington	2	2	1	2		6	10	7
Total Floaters	4	4	2	4		6	10	7
SHORE PLANTS								
Alaska								
Aleutians East Borough	3	4	3	4	3	3	4	2
Aleutians West Census Area	4	8	6	9	8	6		2
Kenai Peninsula Borough	2	7	7	7	11	1	13	1
Kodiak Island Borough	7	10	10	10	8	8	9	6
Other Alaska	1	8	8	8	10	6	21	8
Sitka Borough		3	4	4	2	3	4	3
Skagway-Yakutat-Angoon Census Area		4	4	4	5	1	5	
Valdez-Cordova Census Area	1	6	8	8	7		9	
Wrangell-Petersburg Census Area		3	6	6	6	6	9	3
Alaska Total	18	53	56	60	60	34	74	25
Total Shore Plants	18	53	56	60	60	34	73	24
Combined Total Floaters + Shore Plants	**22**	**57**	**58**	**65**	**60**	**40**	**83**	**31**

Note: Shaded cells suppressed in accompanying value tables to preserve confidentiality.

Washington shoreplants (1 entity) excluded from table due to confidentiality problems.

Scallop values cannot be disclosed for any area and have therefore been dropped from this table.

Source: AKFIN data set 2003

Table 3.9-15. Ex-Vessel Value Delivered to Shoreside Groundfish Processors (floating processors and shore plants) Processing Catch from Vessels Fishing in Areas Affected by Alternative 6 by Grouped Community of Operation of Processor, 2001

Geographical Area	Pollock	Pacific Cod	Other Groundfish	Total Groundfish	Halibut	Crab	Salmon	Herring
FLOATING PROCESSORS								
Alaska								
Aleutians East Borough	*	*	*	*	$0	$0	$0	$0
Aleutians West Census Area	*	*	*	*	$0	$0	$0	$0
Alaska Total	*	*	*	*	$0	$0	$0	$0
Washington	*	*	*	*	$0	$15,286,767	$13,654,339	$2,824,546
Total Floaters	$13,831,364	$1,595,375	*	$15,434,299	$0	$15,286,767	$13,654,339	$2,824,546
SHORE PLANTS								
Alaska								
Aleutians East Borough	*	$11,229,854	*	$62,143,691	*	*	$9,251,092	*
Aleutians West Census Area	$79,802,971	$9,682,987	$3,291,921	$92,777,879	$12,089,780	$46,752,926	$0	*
Kenai Peninsula Borough	*	*	$13,812,404	$15,021,723	$22,003,074	*	$12,840,152	*
Kodiak Island Borough	$11,094,199	$15,908,021	$10,024,558	$37,026,778	$17,658,996	$5,990,038	$23,488,452	$1,071,085
Other Alaska	*	*	$6,522,702	$6,761,369	$9,457,399	$3,599,917	$53,325,250	$2,300,801
Sitka Borough	$0	*	*	$9,678,960	*	*	$12,080,219	*
Skagway-Yakutat-Angoon Census Area	$0	$2,936	$5,143,846	$5,146,782	$5,342,372	*	$8,447,545	$0
Valdez-Cordova Census Area	*	*	$3,391,147	$3,964,098	$3,715,335	$0	$29,331,981	$0
Wrangell-Petersburg Census Area	$0	$12,393	$4,551,063	$4,563,456	$6,755,460	$14,047,333	$19,734,165	*
Alaska Total	$140,245,063	$38,310,641	$58,529,034	$237,084,737	$87,241,188	$84,394,239	$168,498,856	$6,759,387
Total Shoreplants	$140,245,451	$39,943,778	$59,814,776	$240,004,004	$89,488,632	$85,086,886	$168,498,856	$6,759,387
Combined Total Floaters + Shore Plants	**$154,076,815**	**$41,539,153**	**$59,822,335**	**$255,438,303**	**$89,488,632**	**$100,373,653**	**$182,153,195**	**$9,583,933**

Note: The single Washington shore plants was excluded from table due to confidentiality problems.

Values in cells marked with * are suppressed to preserve confidentiality.

Source: AKFIN data set 2003

Table 3.9-16. Count of Existing Specialty or Niche Shoreside Processors and Those Affected by Alternative 6

	Fishery							
Processor Type	**Pollock**	**Pacific Cod**	**Other Groundfish**	**Number of Unique Groundfish Processors**	**Halibut**	**Crab**	**Salmon**	**Herring**
Count of Specialty Processors by Type of Processor and Fishery, 2001 (Existing Conditions)								
Catcher/Shoreside Processors	1	7	9	12	5	5	15	
Catcher/Seller	1	7	8	10	6	8	11	5
Catcher/Exporter	2	28	11	36	15	17	3	
EEZ Operator	1	1	1	1	2	2	1	
TOTAL	**5**	**43**	**29**	**59**	**28**	**32**	**30**	**5**
Count of Specialty Processors, by Type of Processor and Fishery, Potentially Affected by Alternative 6 (based on 2001 activity)								
Catcher/Shoreside Processors	1	1	2	2	1	2	2	
Catcher/Seller	1	6	8	9	6	3	8	3
Catcher/Exporter	2	8	1	8	1	1		
EEZ Operator	1	1	1	1	2	2	1	
TOTAL	**5**	**16**	**12**	**20**	**10**	**8**	**11**	**3**

Source: AKFIN data set 2003

Table 3.9-17. Alaska Coastal Communities with Alternative 6 Closure Areas within 20 Miles and Percentage of Area Closed

COMMUNITY	Percentage of Maximum Available Area Closed	Area Open Under Alternative 6 (mi^2)	Area Closed Under Alternative 6 (mi^2)	Maximum Available Area within 20 Miles Under Existing Conditions (mi^2)
Nelson Lagoon	98.65%	11	834	845
Saint George	97.11%	35	1,187	1,222
Port Heiden	88.58%	65	502	566
Nikolski	73.62%	276	770	1,046
Akhiok	71.72%	194	492	686
Toksook Bay	48.82%	349	333	682
Larsen Bay	36.91%	223	130	353
Tununak	36.73%	534	310	844
Chenega Bay	34.52%	490	259	749
Mekoryuk	22.97%	584	174	758
Port Alexander	20.96%	780	207	987
Saint Paul	19.17%	979	232	1,212
Ivanoff Bay	18.72%	343	79	422
Port Lions	18.60%	322	74	396
Cold Bay	13.02%	576	86	663
Chignik	12.95%	518	77	595
Attu (not a civilian community)	10.70%	887	106	994
False Pass	10.36%	515	60	575
King Cove	7.88%	635	54	689
Karluk	3.76%	702	27	729
Yakutat	3.41%	834	29	863
Old Harbor	1.04%	453	5	458
Pilot Point	0.93%	377	4	380
Perryville	0.48%	543	3	545
Women's Bay	0.17%	487	1	488
Chignik Lagoon	0.13%	374	0	375

Notes:

Communities listed are within 5 miles of a portion of the coastline that is within 20 miles of an EFH Alt 6 closure area. Named places with no residential population are excluded.

Maximum available area within 20 miles (existing conditions) is the square miles of ocean within 20 miles of community, excluding existing SSL closure areas. Caveat: Some of the ocean areas within 20 miles of the community as the crow flies may not be accessible to small boats in practical terms (e.g., waters on the opposite side of a narrow peninsula). This should be taken as a rough measure.

Area closed under Alternative 6 is the amount of area within the maximum available area within 20 miles that would be included in an EFH Alternative 6 closure area.

Percentage of maximum available area closed is the percentage resulting from area closed divided by maximum available area.

This table includes communities with and without current commercial fishery participation.

Table 3.9-18. Alaska Coastal Communities with Alternative 6 Closure Areas within 20 Miles and Percentage of Area Closed by Region

COMMUNITY	Percentage of Maximum Available Area Closed	Area Open Under Alternative 6 (mi^2)	Area Closed Under Alternative 6 (mi^2)	Maximum Available Area within 20 Miles (Existing Conditions)
Aleutians East Borough				
Nelson Lagoon	98.65%	11	834	845
Cold Bay	13.02%	576	86	663
False Pass	10.36%	515	60	575
King Cove	7.88%	635	54	689
Aleutians West Census Area				
Saint George	97.11%	35	1,187	1,222
Nikolski	73.62%	276	770	1,046
Saint Paul	19.17%	979	232	1,212
Attu (not a civilian community)	10.70%	887	106	994
Kodiak Island Borough				
Akhiok	71.72%	194	492	686
Larsen Bay	36.91%	223	130	353
Port Lions	18.60%	322	74	396
Karluk	3.76%	702	27	729
Old Harbor	1.04%	453	5	458
Women's Bay	0.17%	487	1	488
Lake and Peninsula Borough				
Port Heiden	88.58%	65	502	566
Ivanoff Bay	18.72%	343	79	422
Chignik	12.95%	518	77	595
Pilot Point	0.93%	377	4	380
Perryville	0.48%	543	3	545
Chignik Lagoon	0.13%	374	0	375
Y-K Delta Area				
Toksook Bay	48.82%	349	333	682
Tununak	36.73%	534	310	844
Mekoryuk	22.97%	584	174	758
Prince William Sound Area				
Chenega Bay	34.52%	490	259	749
Southeast Alaska Area				
Port Alexander	20.96%	780	207	987
Yakutat	3.41%	834	29	863

Notes:

Communities listed are within 5 miles of a portion of the coastline that is within 20 miles of an EFH Alt 6 closure area. Named places with no residential population are excluded.

Maximum available area within 20 miles (existing conditions) is the square miles of ocean within 20 miles of community, excluding existing SSL closure areas. Caveat: Some of the ocean areas within 20 miles of the community as the crow flies may not be accessible to small boats in practical terms (e.g., waters on the opposite side of a narrow peninsula). This should be taken as a rough measure.

Area closed under Alternative 6 is the amount of area within the maximum available area within 20 miles that would be included in an EFH Alternative 6 closure area.

Percentage of maximum available area closed is the percentage resulting from area closed divided by maximum available area.

This table includes communities with and without current commercial fishery participation.

Table 3.9-19. Halibut Small Vessel (<60') Fleet Data for Communities with Alternative 6 Closure Areas within 20 Miles, 2001

Community	Number of Permit Holders	Number of Permits Fished	Total Pounds Landed	Estimated Gross Earnings
Chignik Lagoon	2	2	1/	1/
False Pass	2	2	1/	1/
King Cove	9	9	149,401	$278,062
Mekoryuk	43	30	113,053	$159,666
Old Harbor	1	0	0	$0
Pilot Point	1	0	0	$0
Port Alexander	16	13	126,273	$253,347
Port Lions	8	5	15,080	$30,214
St. George	11	9	1/	1/
St. Paul	28	24	967,495	$1,688,090
Toksook Bay	40	32	57,342	$73,112
Tununak	21	17	26,271	$33,496
Yakutat	28	25	101,474	$210,976
Total	**210**	**168**	**1,556,389**	**$2,726,963**

1/ Cell value suppressed to preserve confidentiality.

Source: CFEC

Table 3.9-20. Area and Halibut Landing Statistics, Communities with Alternative 6 Closure Areas within 20 Miles, 2001

	GIS Analysis Data			NMFS-RAM Halibut Port		AKFIN Halibut Landings	
Community	Stat. Areas (by number) within 20 nm	Area Closed within 20 nm (m^2)	Percent of Stat. Area Closed	Vessel Landings	Pounds Landed	Vessel Landings	Pounds Landed
CHIGNIK (area)	575603	220,522,056	40.85%	38	478,257	7	96,287
	575604	187,300,294	14.22%			13	200,657
	575634	21,152,206	4.65%			0	0
False Pass	625435	196,910,000	17.90%			1	13,825
	625437	118,658,960	37.50%			0	0
KING COVE	625502	47,675,970	4.33%	69	679,374	2	4,036
	625437	33,762,776	32.03%			0	0
	625436	136,812,056	43.23%			0	0
	625435	768,082	0.21%			1	13,825
Mekoryuk	656002	242,085,466	58.84%			16	6,127
	656001	388,831,292	21.79%			0	0
OLD HARBOR	405600	3,945,210	5.68%			0	0
Pilot Point	585701	44,721,951	2.44%			0	0
	585702	71,700,283	16.26%			0	0
Port Alexander	505630	109,991,862	54.72%			29	702,122
	505832	137,300,000	36.09%			8	82,361
	515530	280,030,000	11.79%			0	0
	515600	4	0.00%			0	0
PORT LIONS	405932	268,140,410	46.30%			0	0
ST. GEORGE IS.	695631	1,429,800,000	42.82%	2	813	6	183,930
	695600	1,949,700,000	65.64%			7	191,276
	695632	337,850,000	92.74%			11	102,155
ST. PAUL IS.	695700	95,798,460	3.23%	136	247,628	0	0
	695701	708,480,000	21.67%			0	0
	695631	92,798,203	85.15%			6	183,930
	705730	21,140,133	0.64%			1	9,393
Toksook Bay	656003	13,470,185	3.27%			0	0
	656001	851,842,585	47.74%			0	0
	656002	223,104,122	82.69%			16	6,127
Tununak	656002	49,840,207	12.11%			16	6,127
	656003	776,753,083	43.53%			0	0
	656001	223,104,122	82.69%			0	0
YAKUTAT	535634	62,433,555	2.77%	199	1,012,014	9	41,793
	535635	91,611,780	22.46%			0	0

Note: Communities in ALL CAPS are designated as ports.
Sources: GIS data derived by NOAA analytic team. NMFS RAM data from <www.fakr.noaa.gov/ram/01ifqporth.htm>. AKFIN data are taken from IFQ reports and are, therefore, non-confidential.

Table 3.9-21. Count of NMFS Halibut Subsistence Permit Holders in Communities with Alternative 6 Closure Areas within 20 Miles (as of 6-18-03)

Rural City	Count
Akhiok	1
Attu (not a civilian community)	0
Chenega Bay	4
Chignik	4
Chignik Lagoon	5
Cold Bay	10
False Pass	6
Ivanoff Bay	0
Karluk	0
King Cove	8
Larsen Bay	3
Mekoryuk	2
Nelson Lagoon	0
Nikolski	2
Old Harbor	24
Perryville	0
Pilot Point	0
Port Alexander	14
Port Heiden	0
Port Lions	10
Saint George	7
Saint Paul	3
Toksook Bay	2
Tununak	0
Women's Bay	0
Yakutat	22
Total	**127**

Note: Subsistence halibut permits were not issued prior to 2003. At present, the number of permits is continually increasing, so data given may quickly be obsolete.

Source: http://www.fakr.noaa.gov/ram/subsistence/halibut.htm

Table 3.10-1. Comparative Summary of Benefits and Costs for Alternatives 1 through 6

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 2 GOA NPT SLOPE ROCKFISH 11 AREAS	ALTERNATIVE 3 GOA NPT SLOPE ROCKFISH ENTIRE SLOPE	ALTERNATIVE 4 GOA NPT SLOPE ROCKFISH 11 AREAS NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5A GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5B GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI AI HABITAT/CPUE BASE CLOSURES	ALTERNATIVE 5C (PREFERRED ALTERNATIVE) GOA NPT All SPECIES 10 AREAS AI NPT ALL SPECIES IN AREAS CORAL GARDENS All BOTTOM CONTACT GEAR	ALTERNATIVE 6 20% CLOSURE TO ALL BOTTOM CONTACT GEAR IN BS, AI, GOA
EFH Passive Use Value (ranking assumes positive correlation between km^2 protected and passive use value)	There would be no change in passive use value (status quo).	This alternative would protect 10,228 km^2 of seabed from NPT targeting slope rockfish complex. It would be a slight potential increase in passive use value compared to Alternative 1.	This alternative would protect 29,059 km^2 of seabed from NPT targeting slope rockfish complex. It would be a somewhat larger potential increase in passive use value compared to Alternatives 1 or 2.	This alternative would protect 81,097 km^2 of EFH (including 22,883 km^2 in AI + 47,986 km^2 in BS + 10,228 km^2 in GOA). It would restrict NPT for all species in designated areas of BSAI and NPT for slope RF in designated areas of GOA. It would be a potential increase in passive use value relative to Alternatives 1, 2, or 3.	This alternative would protect 128,114 km^2 of EFH (including 32,235 km^2 in AI + 63,975 km^2 in BS + 31,904 km^2 in GOA). It would restrict NPT for all species in designated areas of BSAI, and NPT for slope RF along the slope (200 to 1,000 m) and for all species in designated areas of GOA. It would be a potential increase in passive use value relative to Alternatives 1, 2, 3, or 4.	This alternative would protect 160,865 to 172,568 km^2 of EFH (64,986 to 76,689 km^2 in AI depending upon option chosen + 63,975 km^2 in BS + 31,904 km^2 in GOA). Itwould restrict NPT, all species, in designated areas of BSAI, and NPT for slope RF along the slope (200 to 1,000 m) and for all species in designated areas of GOA. It would prohibit NPT use in AI based on coral/sponge bycatch rates under Options 1 and 2. Option 2 in the AI would prohibit all bottom contact gear use in six designated coral garden areas. Would reduce TACs in NPT fisheries by weight historically caught in closed areas under Options 1 and 2. It would be a potential increase in passive use values relative to Alternatives 1, 2, 3, 4, or 5A.	This alternative would protect 74,250 km^2 of EFH (7,157 km^2 in GOA + 67,093 km^2 in AI). It would restrict NPT, all species, in 10 designated areas of the GOA slope (200 to 1,000 m) and for all species in designated areas of AI. It would prohibit use of all bottom contact gear in 380 km^2 in six designated coral garden areas of the AI.	This alternative would protect 218,750 km^2 of EFH .20,729 km^2 in AI + 136,031 km^2 in BS + 61,991 km^2 in GOA). It would restrict NPT, all species, in designated areas of BSAI and NPT for slope RF along slope (200 to 1,000 m) and for all species in designated areas of GOA. It would prohibit NPT use in the AI based on coral/sponge bycatch rates. It would reduce TACs in NPT fisheries by weight historically caught in closed areas. It would be a potential increase in passive use value relative to all other alternatives under consideration, although uncertain, owing to unpredictable status of state waters..
Management and Enforcement	This alternative would continue fishery exploitation at present levels in EFH areas. Based upon best available scientific information, existing habitat conservation measures would probably be sufficient to sustain FMP stocks at present abundance levels. Because some information is not well understood (e.g., linkages between fish productivity rates and habitat; recovery rates of some sessile invertebrates) uncertainties would remain.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.	It is uncertain whether EFH protection under this alternative would result in sustained/increased yield of any FMP species, although EFH provisions in MSA presuppose this outcome. All other EFH use values under this alternative are unknown.
Revenue At Risk	No EFH attributable revenues would be at risk.	EFH protection measures would place $900 thousand (9.6% of 2001 status quo gross revenue) at risk, mainly in the CG and WG C/P fleet. Some of these revenues at risk may be mitigated, using NPT, in adjacent open areas.	EFH protection measures would place $2.65 million (28.3% of 2001 gross revenues of $9.36 million) at risk. CV and C/P fleets in CG and C/P fleet in WG would be adversely impacted. Some of these revenues at risk may be mitigated, using PTR, in adjacent open areas (shallower than 200 m). Some share of revenue at risk may be transferred from small CV sector to larger CV and C/P fleet components.	EFH protection measures would place from $3.53 to $6.11 million (2.2% to 3.8% of $156.86 to $162.79 million status quo gross revenue) at risk (depending upon EBS rotational area). GOA revenue at risk would be $0.90 million (9.6% of $9.4 million slope rockfish NPT status quo). EBS revenue at risk would be $1.8 million to $4.4 million (2.0 to 4.5% of $90.92 to $96.74 million status quo). AI revenue at risk would be $0.82 million (1.4% of $56.70 million status quo). Main revenue at risk impact would be GOA C/Ps at $0.86 million (12.3% of status quo), EBS C/Ps at $1.82 million to $4.40 million (2.0 to 4.8%), AI C/Ps $0.8 (1.5% of status quo). Main fisheries affected would be GOA slope rockfish NPT, EBS flathead sole, AI rockfish.	EFH protection measures would place $7.92 million to $10.90 million or 4.4 to 6.0% of the $180.66 to $181.30 million status quo gross revenue at risk (value dependent upon EBS rotational area). GOA revenue at risk would be $3.60 million or 13.0% of the status quo of $27.69 million. EBS revenue at risk would be $2.63 million to $5.61 million or 2.7 to 5.8% of $96.27 to $96.91 million of status quo revenue. AI revenue at risk would be $1.69 million or 3.0% of the $56.70 million status quo revenue. Both the CV and C/P fleets would have a similar percent of status quo revenue at risk of 4.6% (CV) and 4.4 to 6.2% (C/P). The C/P revenue at risk would range from $7.02 million to $10.0 million and the CV fleet revenue at risk would be $900 thousand. The CV fleet would be affected mainly in the GOA while the C/P fleets would be affected in all three areas.	EFH protection measures would place $7.46 million to $15.93 million or 4.1 to 8.8% of the $179.77 to $180.41 million status quo gross revenue at risk (value dependent upon BS rotational area and AI option chosen). GOA revenue at risk would be $3.60 million or 13.0% of the status quo of $27.69 million. EBS revenue at risk would be $2.63 million to $5.61 million or 2.7 to 5.8% of $96.27 million to $96.91 million of status quo revenue. AI revenue at risk would be $6.71 million or 12.0% of the $55.81 million status quo revenue under Option 1, $2.99 million at risk or 5.4% of status quo revenue under Option 2, and $1.23 million at risk or 2.2% of status quo revenue under Option 3. BSAI revenue lost to TAC reduction could total $15.16 million or more than the revenue at risk in these areas under Option 1 and $3.83 million in the AI under Option 2. The C/P revenue at risk would range from $6.53 million to $14.72 million, and the CV fleet revenue at risk would range from $0.93 million to $1.21 million dependent upon BS rotational area and AI option chosen. Under Option 2, AI coral	EFH NPT protection measures would place $2.39 million or 1.3% of the $180.41 million status quo gross revenue. GOA revenue at risk would be $1.17 million or 4.2% of the status quo of $27.69 million. AI revenue at risk would be $1.23 million or 2.2% of the $55.81 million status quo revenue. The C/P revenue at risk would be $2.0 million or 1.2% of the $160.95 million status quo gross revenue. CV revenue at risk would be $0.4 million or 2.0% of the $19.45 million status quo gross revenue. AI coral garden area closure to bottom contact gear would place an additional $234,000 of groundfish revenue at risk, up to 4.4% of AI HAL halibut catch at risk, and 0.3% of POT catch of AI king and Tanner crab.	EFH protection measures would place $237.20 million or 18.9% of the $1.26 billion status quo gross revenue at risk. GOA revenue at risk would be $46.52 million or 22.0% of the status quo of $211.48 million. EBS revenue at risk would be $177.54 million or 19.0% of $934.36 million of status quo revenue. AI revenue at risk would be $13.14 million or 11.8% of the $111.30 million status quo revenue. Groundfish fisheries would have the largest revenue at risk with $163.76 million or 16.0% of status quo revenue, followed by the halibut fishery with $38.34 million or 34.2% of status quo revenue, crab fisheries with $34.11 million or 29.4% of status quo revenue, and the scallop fishery with $0.98 million or 29.1% of status quo revenue. Largest effects on revenue at risk in the GOA would be in halibut fisheries at $32.12 million, sablefish fisheries at $6.66 million, Pacific cod fisheries at $2.63 million, and the rockfish fishery at $2.29 million.

Table 3.10-1. Comparative Summary of Benefits and Costs for Alternatives 1 through 6 (continued)

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 2 GOA NPT SLOPE ROCKFISH 11 AREAS	ALTERNATIVE 3 GOA NPT SLOPE ROCKFISH ENTIRE SLOPE	ALTERNATIVE 4 GOA NPT SLOPE ROCKFISH 11 AREAS NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5A GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5B GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI AI HABITAT/CPUE BASE CLOSURES	ALTERNATIVE 5C (PREFERRED ALTERNATIVE) GOA NPT All SPECIES 10 AREAS AI NPT ALL SPECIES IN AREAS CORAL GARDENS All BOTTOM CONTACT GEAR	ALTERNATIVE 6 20% CLOSURE TO ALL BOTTOM CONTACT GEAR IN BS, AI, GOA
Revenue At Risk (continued)					The main fisheries affected would be slope rockfish and Pacific cod in the GOA, flathead sole and Pacific cod in the EBS, and rockfish in AI.	garden area closure to bottom-contact gear would place an additional $234,000 of groundfish revenue at risk, up to 4.4% of AI HAL halibut catch at risk, and 0.3% of the POT catch of AI king and Tanner crab. The CV fleet would be impacted in the GOA and AI while the C/P fleets would be impacted in all three areas. The main fisheries affected would be slope rockfish and Pacific cod in the GOA, flathead sole and Pacific cod in the EBS, and Atka mackerel, Pacific cod, and rockfish in AI.	Both the C/P and CV fleets would be impacted in the GOA and AI. The main fisheries affected would be slope rockfish, rex sole and Pacific cod in the GOA and Atka mackerel, Pacific cod, and rockfish in AI.	In the EBS, the pollock fishery would have $104.04 million of revenue at risk, the crab fisheries $28.45 million, and the Pacific cod fisheries, $23.83 million of revenue at risk. In the AI, the crab fishery would have $5.3 million at risk, halibut fishery $2.69 million and Pacific cod fisheries $2.32 million at risk.
Product Quality	There would be no change.	There would be a minimal impact on product quality. Open areas are immediately adjacent to EFH closed	This alternative might have adverse impact on product quality. CV fleet may have increased running time to and from open areas.	This alternative might have adverse impact on product quality. CV fleet may have increased running time to and from open areas.	This alternative might have adverse impact on product quality. CV fleet may have increased running time to and from open areas.	This alternative might have an adverse impact on product quality. The CV fleet might have increased running time to and from open areas.	This alternative might have an adverse impact on product quality. The CV fleet might have increased running time to and from open areas.	This alternative might have an adverse impact on product quality. The CV fleet might have increased running time to and from open areas.
Operating Costs	There would be no change.	This alternative would be a minimal impact on operating costs. EFH open areas are adjacent to closed areas.	Might be significant increases in operating costs for CG CVs and C/Ps targeting slope RF and WG C/Ps.	Might be significant increases in operating costs for C/Ps and CVs in all areas.	This alternative would be probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in AI, C/Ps targeting flathead sole and other flatfish in EBS, CVs and C/Ps targeting rockfish and Pacific cod in GOA.	This alternative would be probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in AI, C/Ps targeting flathead sole and other flatfish in EBS, CVs and C/Ps targeting rockfish and Pacific cod in GOA. In AI, 100% observer coverage requirement would increase costs for 30% coverage vessels.	This alternative would be probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in AI, C/Ps targeting flathead sole and other flatfish in EBS, CVs and C/Ps targeting rockfish and Pacific cod in GOA. In AI, 100% observer coverage requirement would increase costs for 30% coverage vessels.	This alternative would be probable increases in CV and C/P operating costs targeting Atka mackerel, Pacific cod, and rockfish in AI, C/Ps targeting flathead sole and other flatfish in EBS, CVs and C/Ps targeting rockfish and Pacific cod in GOA. In AI, 100% observer coverage requirement would increase costs for 30% coverage vessels.
Safety Costs	There would be no change.	For this alternative, there would be potentially small adverse impacts on safety. The remaining open areas are adjacent	For this alternative, there would be potential for some adverse safety impacts due to expected increased effort to mitigate revenue at risk in the CG and WG.	For this alternative, there would likely be some adverse impacts on safety due to expected increased effort to mitigate revenue at risk.	For this alternative, there would be potential for adverse safety impacts due to expected increased effort to mitigate revenue at risk, particularly in AI.	For this alternative, there would be potential for adverse safety impacts due to expected increased effort to mitigate revenue at risk, particularly in AI.	For this alternative, there would be potential for adverse safety impacts due to expected increased effort to mitigate revenue at risk, particularly in AI.	For this alternative, there would be potential for adverse safety impacts in all FMP management areas due to expected increased effort to mitigate revenue at risk in all areas.
Impacts on Related Fisheries	There would be no impact.	This alternative would be a minimal impact on related fisheries. Displaced effort would likely be redeployed into adjacent areas, concurrently fished by NPT.	Additional NPT effort targeting DSR in waters shallower than 200 m might increase gear conflicts (damage, losses, and costs) with HAL and POT fisheries.	Redeployment of NPT effort in the EBS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.	Redeployment of NPT effort in the EBS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.	Redeployment of NPT effort in the EBS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.	Redeployment of NPT effort in the EBS and AI might adversely impact fisheries using HAL and POT, through damage, loss, or displacement.	Redeployment of NPT effort in the EBS and AI might adversely impact fisheries using HAL and Pot, through damage, loss, or displacement.
Costs to Consumers	There would be no impact.	This alternative would be a negligible expected cost to consumers. Catch and revenue at risk might be largely mitigated, and additional operational costs might be low.	This alternative would be a minimal expected increased costs to consumers, as some or all of the displaced catch might be mitigated. It would be a potential increased cost to consumers, reflecting operating cost increases, depending on market factors (e.g., elasticities, price and availability of substitutes, etc.).	This alternative would be a minimal expected increased costs to consumers, as some or all of the displaced catch might be mitigated. It would be a potential increased price to consumers, reflecting operating cost increases, depending on market factors (e.g., elasticities, availability, and price of substitutes, etc.).	This alternative would be a greater risk that displaced catch might not be made up. It would be increased probability of adverse impacts on consumers (e.g., increased prices, reduced supplies, more limited range of product forms, lower quality).	This alternative would be expected to have an adverse impact on consumers from AI NPT fishery restrictions under AI Alternative 5B, Options 1 and 2. Some production would be foregone and unrecoverable due to TAC reductions under AI Options 1 and 2. Operational cost increases might result in higher consumer prices and/or limited supplies, depending upon market factors (e.g., demand elasticity, price, and availability of substitutes, etc.).	This alternative would be expected to have an adverse impact on consumers from AI NPT fishery restrictions under AI Alternative 5C. Operational cost increases might result in higher consumer prices and/or limited supplies, depending upon market factors (e.g., demand elasticity, price, and availability of substitutes, etc.).	This alternative would be a high probability of adverse impacts on consumers. It would likely be significant loss of aggregate production due to substantial reductions in fishable open areas. Operational cost increases might be prohibitive for some operations and/or sectors. Loss of production would result in higher consumer prices and/or limited supplies. It would be a potential for loss of market share, with associated welfare losses for U.S. consumers, at all levels of the market.

Table 3.10-1. Comparative Summary of Benefits and Costs for Alternatives 1 through 6 (continued)

BENEFIT OR COST CATEGORY	ALTERNATIVE 1 STATUS QUO	ALTERNATIVE 2 GOA NPT SLOPE ROCKFISH 11 AREAS	ALTERNATIVE 3 GOA NPT SLOPE ROCKFISH ENTIRE SLOPE	ALTERNATIVE 4 GOA NPT SLOPE ROCKFISH 11 AREAS NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5A GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI	ALTERNATIVE 5B GOA NPT All SPECIES 10 AREAS GOA SLOPE ROCKFISH ENTIRE SLOPE NPT ALL SPECIES IN AREAS OF BSAI AI HABITAT/CPUE BASE CLOSURES	ALTERNATIVE 5C (PREFERRED ALTERNATIVE) GOA NPT All SPECIES 10 AREAS AI NPT ALL SPECIES IN AREAS CORAL GARDENS All BOTTOM CONTACT GEAR	ALTERNATIVE 6 20% CLOSURE TO ALL BOTTOM CONTACT GEAR IN BS, AI, GOA
Management and Enforcement	There would be no impact.	CVs and C/Ps using NPT gear and targeting slope rockfish might have to have VMS or 100% observer coverage. Additional management costs might be inferred.	CVs and C/Ps using NPT gear and targeting slope rockfish might have to have VMS or 100% observer coverage. Additional management costs might be inferred.	CVs and C/Ps using NPT gear and targeting slope rockfish in the GOA, and all species in the BSAI, might have to have VMS or 100% observer coverage. Additional management costs might be inferred.	CVs and C/Ps using NPT gear and targeting slope rockfish in the GOA, and all species in the BSAI, might have to have VMS or 100% observer coverage. Additional management costs might be inferred.	CVs and C/Ps using NPT gear and targeting slope rockfish in the GOA, and all species in the BSAI, might have to have VMS or 100% observer coverage. In AI, 100% observer coverage would increase management costs. In AI, a required research and monitoring program would result in increase costs.	CVs and C/Ps using bottom contact gear in the GOA and AI, might have to have VMS or 100% observer coverage (AI). In AI, 100% observer coverage would increase management costs. In GOA, increased use of VMS would increase management costs, particularly for small entities.	Catcher vessel and catcher-processor vessels using bottom-contact fishing gear for all species might have to have VMS or 100% observer coverage. Additional management costs might be inferred.
Impacts on Dependent Communities	There would be no impact.	Some adverse impacts might accrue to Washington-based C/Ps, but overall impacts to dependent communities would be expected to be insignificant.	Due to GOA fishery effects, smaller Kodiak owned CVs might lose some rockfish share to larger CVs and C/Ps, and Kodiak and Washington owned C/Ps as a sector might be adversely affected, but overall impacts to dependent communities would probably be insignificant.	GOA related community impacts would be similar to Alternative 3. BSAI fishery related community impacts would be negligible. Overall, impacts to dependent communities would probably be insignificant.	Smaller CVs from King Cove, Sand Point, and Kodiak would likely experience adverse impacts, and these impacts, especially in conjunction with potential impacts to shoreside processors in smaller WG area communities, might be felt at the community level in King Cove and Sand Point. Adverse impacts to C/Ps would be concentrated exclusively in Kodiak and Washington and are expected to be insignificant at the community level.	GOA and BS fishery-related community impacts to King Cove, Sand Point, and Kodiak would be similar to Alternative 5A. Additional AI CV and C/P related impacts would accrue to Kodiak and Washington communities, but would probably be insignificant at the community level. Additional shoreside processing impacts might be seen in Unalaska/Dutch Harbor, but would probably be insignificant.	GOA fishery-related community impacts to King Cove, Sand Point, and Kodiak would be similar to Alternative 5A. Additional AI CV and C/P related impacts would accrue to Kodiak and Washington communities, but would probably be insignificant at the community level. Additional shoreside processing impacts might be seen in Unalaska/Dutch Harbor, but would probably be insignificant.	Significant community impacts might result from Alternative 6. Groundfish CV related community impacts would largely be concentrated in King Cove, Sand Point, Kodiak, and Homer; halibut CV impacts in many communities of various sizes throughout GOA and BSAI, but most likely in the small communities of Sand Point and St. George. Expected crab fleet community impacts would be most prominent in Kodiak, but smaller community fleets might also feel effects. Seattle CVs would incur the greatest impact, but effects would be insignificant at the community level. C/P impacts would be concentrated largely in Kodiak and Washington communities. Shoreside processor impacts would be concentrated largely in Unalaska, St. Paul, and Kodiak, although other communities would be affected. Significant multi-sector impacts at the community level would occur in Kodiak, Sand Point, King Cove, St. George, and St. Paul. Many communities relatively more dependent on small boat fleets would incur losses due to closures of adjacent fishing areas.

Table 3.10-2. Total Catcher Vessel and Catcher-Processor Revenue at Risk (millions of dollars) by Alternative and Fleet Component (excluding AI coral gardens impacts [2/])[1/]

Category Fleet Component	Alternative 2	Alternative 3	Alternative 4	Alternative 5A	Alternative 5B, Option 1	Alternative 5B, Option 2	Alternative 5B, Option 3	Alternative 5C, Preferred Alternative	Alternative 6
Geographic									
Eastern Gulf	$0.02	$0.21	$0.02	$0.24	$0.24	$0.24	$0.24	$0.03	$7.56
Central Gulf	$0.64	$2.23	$0.64	$2.55	$2.55	$2.55	$2.55	$0.56	$29.23
Western Gulf	$0.23	$0.22	$0.23	$0.81	$0.81	$0.81	$0.81	$0.57	$9.73
Total GOA	$0.90	$2.65	$0.90	$3.60	$3.60	$3.60	$3.60	$1.17	$46.52
BS	$0.00	$0.00	$1.82-$4.40	$2.63-$5.61	$2.63-$5.61	$2.63-$5.61	$2.63-$5.61	$0.00	$177.54
AI	$0.00	$0.00	$0.82	$1.69	$6.71	$2.99	$1.23	$1.23	$13.14
All Alaska	$0.90	$2.65	$3.53-$6.11	$7.92-$10.90	$12.94-$15.93	$9.22-$12.20	$7.46-$10.44	$2.39	$237.20
Fishery									
Groundfish	$0.90	$2.65	$3.53-$6.11	$7.92-$10.90	$12.94-$15.93	$9.22-$12.20	$7.46-$10.44	$2.39	$163.76
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$38.34
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$34.11
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$0.98
Gear									
NPT	$0.90	$2.65	$3.53-$6.11	$7.92-$10.90	$12.94-$15.93	$9.22-$12.20	$7.46-$10.44	$2.39	$29.47
PTR	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$104.08
HAL	<$0.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$68.02
POT	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$34.64
JIG	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
DRG	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.99
Target History									
GOA									
Arrowtooth Flounder	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.46
Deep Water Flatfish	$0.00	$0.00	$0.00	$0.01	$0.01	$0.01	$0.01	<$0.01	$0.06
Flathead Sole	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.04
Other	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.02
Pacific Cod	$0.00	$0.00	$0.00	$0.38	$0.38	$0.38	$0.38	$0.32	$2.63
Pollock - bottom	$0.00	$0.00	$0.00	$0.07	$0.07	$0.07	$0.07	$0.00	<$0.01
Pollock - midwater	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Rex Sole	$0.00	$0.00	$0.00	$0.30	$0.30	$0.30	$0.30	$0.30	$0.87
Rock Sole	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	$0.00	<$0.01
Rockfish	$0.90	$2.65	$0.90	$2.82	$2.82	$2.82	$2.82	$0.52	$2.29
Sablefish	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6.66
Shallow Water Flatfish	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.04
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$32.12
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$0.37
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$0.94

Table 3.10-2. Total Catcher Vessel and Catcher-Processor Revenue at Risk (millions of dollars) by Alternative and Fleet Component (excluding AI coral gardens impacts [2/])[1/] (continued)

Category Fleet Component	Alternative 2	Alternative 3	Alternative 4	Alternative 5A	Alternative 5B, Option 1	Alternative 5B, Option 2	Alternative 5B, Option 3	Alternative 5C, Preferred Alternative	Alternative 6
BS									
Arrowtooth Flnd.	$0.00	$0.00	$0.01-$0.08	$0.02-$0.09	$0.02-$0.09	$0.02-$0.09	$0.02-$0.09	N/A	$0.08
Atka Mackerel	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	N/A	$0.00
Flathead Sole	$0.00	$0.00	$1.23-$3.34	$1.70-$4.23	$1.70-$4.23	$1.70-$4.23	$1.70-$4.23	N/A	$1.84
Greenland Turbot	$0.00	$0.00	$0.12-$0.12	$0.12-$0.13	$0.12-$0.13	$0.12-$0.13	$0.12-$0.13	N/A	$0.79
Other	$0.00	$0.00	$0.02-$0.04	$0.02-$0.05	$0.02-$0.05	$0.02-$0.05	$0.02-$0.05	N/A	$0.07
Other Flatfish	$0.00	$0.00	$0.01-$0.03	<$0.01	<$0.01	<$0.01	<$0.01	N/A	$1.73
Pacific Cod	$0.00	$0.00	$0.14-$0.73	$0.19-$0.98	$0.19-$0.98	$0.19-$0.98	$0.19-$0.98	N/A	$23.83
Pollock--midwater	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	N/A	$104.04
Rock Sole	$0.00	$0.00	$0.03-$0.15	$0.07-$0.16	$0.07-$0.16	$0.07-$0.16	$0.07-$0.16	N/A	$2.42
Rockfish	$0.00	$0.00	$0.01-$0.03	$0.01-$0.04	$0.01-$0.04	$0.01-$0.04	$0.01-$0.04	N/A	<$0.01
Sablefish	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	N/A	$0.08
Yellowfin Sole	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	N/A	$10.65
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$3.53
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$28.45
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<$0.01
AI									
Arrowtooth Flnd.	$0.00	$0.00	$0.01	$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.01
Atka Mackerel	$0.00	$0.00	$0.08	$0.20	$3.61	$1.59	$0.62	$0.62	$0.89
Flathead Sole	$0.00	$0.00	<$0.01	<$0.01	$0.00	$0.00	$0.00	$0.00	<$0.01
Greenland Turbot	$0.00	$0.00	$0.19	$0.19	<$0.01	<$0.01	<$0.01	<$0.01	$0.22
Other	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.04
Other Flatfish	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Pacific Cod	$0.00	$0.00	$0.02	$0.13	$1.64	$0.48	$0.35	$0.35	$2.32
Pollock--midwater	$0.00	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	$0.00	<$0.01
Rock Sole	$0.00	$0.00	$0.06	$0.06	<$0.01	<$0.01	<$0.01	<$0.01	$0.04
Rockfish	$0.00	$0.00	$0.46	$1.09	$1.45	$1.19	$0.26	$0.26	$0.06
Sablefish	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.78
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$2.69
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$5.30
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$0.05

Table 3.10-2. Total Catcher Vessel and Catcher-Processor Revenue at Risk (millions of dollars) by Alternative and Fleet Component (excluding AI coral gardens impacts [2/])[1/] (continued)

Category Fleet Component	Alternative 2	Alternative 3	Alternative 4	Alternative 5A	Alternative 5B, Option 1	Alternative 5B, Option 2	Alternative 5B, Option 3	Alternative 5C, Preferred Alternative	Alternative 6
Alaska									
Arrowtooth Flounder	$0.00	$0.00	$0.02-$0.10	$0.03-$0.11	$0.02-$0.10	$0.02-$0.10	$0.02-$0.10	<0.01	$0.55
Atka Mackerel	$0.00	$0.00	$0.08-$0.08	$0.20	$3.61	$1.59	$0.62	$0.62	$0.89
Deep Water Flatfish	$0.00	$0.00	$0.00	$0.01	$0.01	$0.01	$0.01	$0.02	$0.06
Flathead Sole	$0.00	$0.00	$1.23-$3.35	$1.71-$4.24	$1.71-$4.24	$1.71-$4.24	$1.71-$4.24	$0.01	$1.89
Greenland Turbot	$0.00	$0.00	$0.20-$0.31	$0.19-$0.32	$0.13-$0.13	$0.13-$0.13	$0.13-$0.13	<0.01	$1.01
Other	$0.00	$0.00	$0.02-$0.04	$0.02-$0.05	$0.02-$0.05	$0.02-$0.05	$0.02-$0.05	<0.01	$0.13
Other Flatfish	$0.00	$0.00	$0.01-$0.03	<$0.01	<$0.01	<$0.01	<$0.01	$0.00	$1.73
Pacific Cod	$0.00	$0.00	$0.15-$0.75	$0.70-$1.49	$2.21-$3.00	$1.05-$1.84	$0.92-$1.71	$0.67	$28.79
Pollock - bottom	$0.00	$0.00	$0.00	$0.07	$0.07	$0.07	$0.07	$0.00	$5.75
Pollock - midwater	$0.00	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	$0.00	$98.33
Rex Sole	$0.00	$0.00	$0.00	$0.30	$0.30	$0.30	$0.30	$0.30	$0.87
Rock Sole	$0.00	$0.00	$0.09-$0.20	$0.12-$0.22	$0.08-$0.17	$0.08-$0.17	$0.08-$0.17	<$0.01	$2.47
Rockfish	$0.90	$2.65	$1.36-$1.39	$3.93-$3.96	$4.28-$4.31	$4.02-$4.05	$3.09-$3.12	$0.78	$3.07
Sablefish	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.47
Shallow Water Flatfish	$0.00	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.04
Yellowfin Sole	$0.00	$0.00	<$0.01	<$0.01	<$0.01	<$0.01	<$0.01	$0.00	$10.65
Salmon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Halibut	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$38.34
Crab	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$34.11
Scallop	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$0.98

[1/] Catcher vessels are ex-vessel values and catcher-processors are first wholesale value (millions of dollars, based on 2001 data).

[2/] Impacts on revenue and catch at risk from the AI coral garden areas in Alternatives 5B, Option 2, and 5C are excluded from the table and covered in the RIR text.

Table 4.1-1. Comparison of SBA Small Entity Impacts of Adding VMS to GOA Vessels of Differing Size Classes

Variable	All Vessels	Less Than or Equal to 32 Feet	Less Than or Equal to 30 Feet	Less Than or Equal to 25 Feet	Unknown
Count of vessels with VMS	865 (install on 635)	84 (install on 76)	28 (install on 28)	15 (install on 15)	11 (install on 11)
Average installation cost in a vessel adding it	$1,550	$1,550	$1,550	$1,550	$1,550
Average annual transmission costs all vessels	$489	$372	$252	$203	$581
Average annual repair costs for a vessel adding VMS	$47/$93	$93	$93	$93	$93
Average 2003 revenues all vessels	$349,000	$103,000	$17,000	$5,000	$20,000
2003 median	$175,000				
Total installation costs for vessels adding it	$984,000	$118,000	$43,000	$23,000	$17,000
Total annual transmission costs all vessels	$423,000	$31,000	$7,000	$3,000	$6,000
Total annual repair costs all vessels	$34,000	$7,800	$2,600	$1,400	$1,000
Total 2003 gross revenues from all sources	**$302,068,000**	**$8,689,000**	**$476,000**	**$73,000**	**$219,000**

Notes: The "all vessels" and "less than or equal to" categories include vessels that already have VMS. Eight vessels in the less than or equal to 32 feet category already have VMS. Gross revenues estimates include gross revenues from all sources in federally and State of Alaska managed fisheries off of Alaska, including fisheries not using bottom-contact gear. Repair costs were estimated at $47 for vessels over 32 feet and at $93 for others. Breakdowns may also result in losses due to lost fishing time. These have not been monetized.