

Chapter 4 Habitat Tables

Habitat Table 4-1: Comparison of the EFH Alternatives by Area (updated since Draft EIS).

DEIS Alternative	Description	% status quo area	Area (ha)	Area (sq nm)
Preferred	Final Preferred Alternative	59%	48,719,109	142,042
A.1.	EFH No Action	100%	82,281,491	239,892
A.2	EFH Depths less than 3500 m	59%	48,624,590	141,765
A.3	EFH 100% HSP Area	27%	22,053,047	64,296
A.4	EFH, HSP based on Management Status	25%	20,428,783	59,560
A.5	EFH 70% HSP Area	25%	20,901,123	60,937
A.6	EFH 30% HSP Area	22%	17,880,314	52,130

Habitat Table 4-2: Area in Common for EFH Alternatives A.1 through A.6.

Alternative	Area in Common (ha)						
	A.1	A.2	A.3	A.4	A.5	A.6	
	Total Area (ha)	82,281,491	48,624,590	22,053,047	20,428,783	20,901,123	17,880,314
A.1	82,281,491	-	48,624,590	22,053,047	20,428,783	20,901,123	17,880,314
A.2	48,624,590	48,624,590	-	22,053,030	20,428,766	20,901,106	17,880,297
A.3	22,053,047	22,053,047	22,053,030	-	20,428,783	20,901,123	17,880,314
A.4	20,428,783	20,428,783	20,428,766	20,428,783	-	20,382,589	17,880,314
A.5	20,901,123	20,901,123	20,901,106	20,901,123	20,382,589	-	17,880,314
A.6	17,880,314	17,880,314	17,880,297	17,880,314	17,880,314	17,880,314	-

Habitat Table 4-3: Percentage of Total Area Shared by EFH Alternatives A.1 through A.6.

Alternative	Percentage of Total Area Shared (%)						
	A.1	A.2	A.3	A.4	A.5	A.6	
	Total Area (ha)	82,281,491	48,624,590	22,574,465	20,585,561	20,349,290	17,246,420
A.1	82,281,491	-	59%	27%	25%	25%	22%
A.2	48,624,590	100%	-	45%	42%	43%	37%
A.3	22,574,465	100%	100%	-	93%	95%	81%
A.4	20,585,561	100%	100%	100%	-	100%	88%
A.5	20,349,290	100%	100%	100%	98%	-	86%
A.6	17,246,420	100%	100%	100%	100%	100%	-

Habitat Table 4-4: 4: Spatial Extent of HAPC Alternatives limited by EFH alternatives?

HAPC Alternative	EFH Alternative					
	A.1	A.2	A.3	A.4	A.5	A.6
B.1 No Action	No	No	No	No	No	No
B.2 Estuaries	No	No	No	No	No	No
B.3 Kelp	No	No	Yes	Yes	Yes	Yes
B.4 Seagrass	No	No	No	No	No	No
B.5 Core Habitat	No	No	No	No	No	No
B.6 Rocky Reefs	No	No	No	No	No	Yes
B.7 Areas of Interest	No	Yes	Yes	Yes	Yes	Yes
B.8 Oil Rigs	No	No	No	No	No	Yes
B.9 HAPC Process	--	--	--	--	--	--

Habitat Table 4-5: Spatial Extent of Impacts Minimization Alternatives Limited by EFH Alternatives?

Impacts Minimization Alternative	EFH Alternative					
	A.1	A.2	A.3	A.4	A.5	A.6
C.1 No Action	--	--	--	--	--	--
C.2.1 Large Footrope Depth Restriction - 200 fm	No	No	Yes	Yes	Yes	Yes
C.2.1 Fixed Gear Depth Restriction - 100/150 fm	No	No	Yes	Yes	Yes	Yes
C.2.2 Large Footrope Depth Restriction - EEZ	No	Yes	Yes	Yes	Yes	Yes
C.2.2 Fixed Gear Depth Restriction - 100/150 fm	No	No	Yes	Yes	Yes	Yes
C.2.3 Large Footrope Depth Restriction - 200 fm	No	No	Yes	Yes	Yes	Yes
C.2.3 Fixed Gear Depth Restriction - 60 fm	No	Yes	Yes	Yes	Yes	Yes
C.3.1 Sensitive Habitat: $s \geq 2$, $r \geq 1$, twlhrs < 100	No	Yes	Yes	Yes	Yes	Yes
C.3.2 Sensitive Habitat: $s \geq 0.5$, $r \geq 0.5$, twlhrs < 100	No	Yes	Yes	Yes	Yes	Yes
C.3.3 Sensitive Habitat: $s \geq 2$, $r \geq 1$	No	Yes	Yes	Yes	Yes	Yes
C.3.4 Sensitive Habitat: $s \geq 0.5$, $r \geq 0.5$	No	Yes	Yes	Yes	Yes	Yes
C.4.1 Trawl Prohibited in Untrawled Areas 2000-2002	No	Yes	Yes	Yes	Yes	Yes
C.4.2 All Gear Closed Deeper than 2000 m	No	Yes	Yes	Yes	Yes	Yes
C.5 Prohibit Krill Fishery	--	--	--	--	--	--
C.6 Hotspot - 20% hsp, >50 spp	No	No	No	No	No	No
C.7.1, C.7.2 Close Areas of Interest	No	Yes	Yes	Yes	Yes	Yes
C.8.1, C.8.2 Zoning Fishing Activities, > 2000 m depth	No	Yes	Yes	Yes	Yes	Yes
C.9 Gear Restrictions	--	--	--	--	--	--
C.10 Central CA No-Trawl Zones	No	No	Yes	Yes	Yes	Yes
C.11 Relax Gear Endorsements	--	--	--	--	--	--
C.12 Close Ecological Important Areas to Bottom Trawl	No	Yes	Yes	Yes	Yes	Yes
C.13 Close Ecological Important Areas to Bottom-contacting Gear	No	Yes	Yes	Yes	Yes	Yes
C.14 Close Ecological Important Areas to Fishing	No	Yes	Yes	Yes	Yes	Yes

Habitat Table 4-6: Comparison of the HAPC Alternatives by Area (updated since Draft EIS).

DEIS Alternative	Description	% of EEZ	Area (ha)	Area (sq nm)
Preferred	Final Preferred Alternative	4.70%	3,867,018	11274
B.1	No Action	0.00%	0	0
B.2	Estuaries	0.68%	560,738	1635
B.3	Canopy Kelp	0.03%	26,347	77
B.4	Seagrass	0.09%	77,613	226
B.5	Core Habitat	6.18%	5,088,479	14835
B.6	Rocky Reefs	2.55%	2,101,009	6125
B.7	Areas of Interest	3.67%	3,017,148	8796
B.8	Oil Production Platforms	0.00%	629	2
B.9	Process for HAPC Designations	--	--	

Habitat Table 4-7: Comparison of Gear Restrictions by Area for the Preferred Alternative (added since Draft EIS).

Impacts Alternative - Gear Restrictions	% of EEZ	Area (ha)	Total Area (sq nm)
Prohibit trawl footrope > 19 inches	100.00%	82,281,491	239,892
Prohibit trawl footrope > 8 inches, shoreward of line approximating 100 fathom	7.51%	6,179,730	18,017
Prohibit Dredge Gear	100.00%	82,281,491	239,892
Prohibit Beam Trawl Gear	100.00%	82,281,491	239,892

Habitat Table 4-8: Comparison of Total Habitat Area by Gear Restrictions (added since Draft EIS).

Percentage of Total Habitat Area for Each Type of Gear Restriction in the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	EEZ - prohibit footrope > 19"	shoreward of 100 fm - prohibit footrope >	EEZ - prohibit dredge gear	EEZ - prohibit beam trawl
North of Point Conception	hard	1,402,289	100	21	100	100
South of Point Conception	hard	938,041	100	4	100	100

Habitat Table 4-9: Comparison of the Impacts Minimization Alternatives by Area (updated since Draft EIS).

FEIS Alternative	Description	% of EEZ	Area (ha)	Area (square nm)
Preferred C.1	Final Preferred Alternative No Action	82%	67,214,758	195967
C.2.1	Depth Based Gear Restrictions Option 1 - Large Footrope Depth Restriction - 200 fm	10%	8,109,479	23643
C.2.1	Depth Based Gear Restrictions Option 1 - Fixed Gear Depth Restriction - 100/150 fm	8%	6,958,174	20287
C.2.2	Depth Based Gear Restrictions Option 2 - Large Footrope Depth Restriction - EEZ	100%	82,281,491	239892
C.2.2	Depth Based Gear Restrictions Option 2 - Fixed Gear Depth Restriction - 100/150 fm	8%	6,958,174	20287
C.2.3	Depth Based Gear Restrictions Option 3 - Large Footrope Depth Restriction - 200 fm	10%	8,109,479	23643
C.2.3	Depth Based Gear Restrictions Option 3 - Fixed Gear Depth Restriction - 60 fm	6%	4,620,408	13471
C.3.1	Close Sensitive Habitat - Option 1	2%	1,877,220	5473
C.3.2	Close Sensitive Habitat - Option 2	17%	13,788,743	40202
C.3.3	Close Sensitive Habitat - Option 3	3%	2,434,801	7099
C.3.4	Close Sensitive Habitat - Option 4	23%	19,041,504	55516
C.4.1	Prohibit Geographic Expansion of Fishing - Option 1	83%	68,150,527	198693
C.4.2	Prohibit Geographic Expansion of Fishing - Option 2	74%	61,060,253	178021
C.5	Prohibit Krill Fishery			0
C.6	Close Hotspots	8%	6,389,460	18628
C.7.1, C.7.2	Close Areas of Interest	4%	3,017,148	8796
C.8.1, C.8.2	Zoning Fishing Activities, options 1 and 2	74%	61,060,253	178021
C.9	Gear Restrictions			0
C.10	Central CA No-Trawl Zones	3%	2,862,458	8345
C.11	Relax Gear Endorsements			0
C.12	Close Ecological Important Areas to Bottom Trawl	90%	74,350,701	216769
C.13	Close Ecological Important Areas to Bottom- contacting gear	90%	74,350,701	216769
C.14	Close Ecological Important Areas to Fishing	90%	74,350,701	216769

Habitat Table 4-10: Number of Groundfish Species/Life Stage Habitats Protected by the Impacts Minimization Alternatives (updated since Draft EIS).

Alternative	Description	Species/Lifestage Count (Maximum is 168)
Preferred	Final Preferred Alternative	168
C.1	No Action	--
C.2.1	Large Footrope Depth Restriction - 200 fm	168
C.2.1	Fixed Gear Depth Restriction - 100/150 fm	166
C.2.2	Large Footrope Depth Restriction - EEZ	168
C.2.2.	Fixed Gear Depth Restriction - 100/150 fm	166
C.2.3	Large Footrope Depth Restriction - 200 fm	168
C.2.3	Fixed Gear Depth Restriction - 60 fm	163
C.3.1	Sensitive Habitat: $s \geq 2$, $r \geq 1$, twlhrs < 100	128
C.3.2	Sensitive Habitat: $s \geq 0.5$, $r \geq 0.5$, twlhrs < 100	163
C.3.3	Sensitive Habitat: $s \geq 2$, $r \geq 1$	144
C.3.4	Sensitive Habitat: $s \geq 0.5$, $r \geq 0.5$	163
C.4.1	Trawl Prohibited in Untrawled Areas 2000-2002 (P)	168
C.4.2	All Gear Closed West of 2000 m (P)	14
C.5	Prohibit Krill Fishery	--
C.6	Close Hotspots - 20% hsp, >50 spp	165
C.7.1, C.7.2	Close Areas of Interest	168
C.8.1, C.8.2	Zoning Fishing Activities, West of 2000 m depth contour	14
C.9	Gear Restrictions (P)	--
C.10	Central California No-Trawl Zones (P)	157
C.11	Relax Gear Endorsement Requirements	--
C.12	Close Ecological Important Areas to Bottom Trawl (P)	168
C.13	Close Ecological Important Areas to Bottom-contacting gear (P)	168
C.14	Close Ecological Important Areas to Fishing (P)	168

Habitat Table 4-11: Comparison of the Areas of Interest (alternatives B.7 and C.7) by Area.

Area Name	% of EEZ	Area (ha)	Area (square nautical miles)
Astoria Canyon	0.09%	70,926	207
Cordell Bank	0.01%	4,475	13
Cowcod Conservation Area	1.67%	1,372,447	4001
Daisy Bank	0.00%	930	3
Davidson Seamount	0.06%	46,738	136
Eel River Canyon	0.02%	17,180	50
Gorda Escarpment	0.11%	90,942	265
Grays Canyon	0.10%	81,364	237
Guide Seamount	0.01%	9,992	29
Gumdrop Seamount	0.01%	7,942	23
Heceta Bank	0.07%	60,085	175
Mendocino Canyon	0.05%	39,709	116
Monterey Bay	0.08%	65,520	191
Monterey Canyon	0.29%	235,106	685
Morro Ridge	0.26%	212,221	619
Pioneer Seamount	0.02%	13,145	38
President Jackson Seamount	0.12%	98,627	288
Rogue Canyon	0.07%	56,129	164
San Juan Seamount	0.21%	171,357	500
Taney Seamount	0.12%	97,869	285
Thompson Seamount	0.05%	42,825	125
Northwest Olympic Coast NMS	0.27%	221,619	646

Habitat Table 4-12: Comparison of Ecologically Important Areas (alternatives C.12-C.14) by Area.

Area Name	% of EEZ	Area (ha)	Area (square nm)
Astoria Canyon	0.14%	112,706	329
Biogenic area_1	0.09%	75,105	219
Biogenic area_11	0.01%	7,009	20
Biogenic area_12	0.02%	18,833	55
Biogenic area_13	0.00%	2,572	7
Biogenic area_2	0.01%	11,698	34
Biogenic area_3	0.01%	9,124	27
Biogenic area_6	0.01%	5,384	16
Biogenic area_7	0.03%	23,070	67
Biogenic area_8	0.01%	9,211	27
Channel Islands	0.46%	378,010	1102
Cordell Bank	0.17%	137,013	399
Cowcod conservation area east	0.05%	38,250	112
Cowcod conservation area west	1.62%	1,334,069	3889
Daisy Bank	0.01%	6,594	19
Davidson Seamount	0.10%	85,737	250
Eel River Canyon	0.10%	86,364	252
Grays Canyon	0.03%	20,626	60
Guide Seamount	0.03%	27,062	79
Gumdrop Seamount	0.02%	14,954	44
Hard bottom feature_1	0.05%	42,952	125
Hard bottom feature_2	0.01%	8,805	26
Hard bottom feature_3	0.00%	3,931	11
Hard bottom feature_4	0.02%	17,021	50
Hard bottom feature_5	0.01%	6,261	18
Hard bottom feature_6	0.17%	138,265	403
Heceta Bank	0.14%	116,297	339
Mendocino Ridge	0.24%	199,152	581
Monterey Bay and Canyon	0.58%	477,855	1393
Morro ridge	0.41%	337,010	983
Olympic_1	0.09%	70,270	205
Olympic_2	0.09%	76,005	222
Pioneer Seamount	0.04%	29,532	86
President Jackson Seamount	0.12%	98,628	288
Ridges_biogenic area_10	0.02%	14,126	41
Ridges_biogenic area_9	0.02%	19,884	58
Ridges_biogenic_area_5	0.04%	31,580	92
Rogue Canyon	0.16%	134,898	393
San Juan Seamount	0.11%	94,041	274
Taney Seamount	0.12%	97,870	285
Thompson Seamount	0.05%	42,825	125

Habitat Table 4-13: Comparison of Ecologically Important Areas (Preferred Alternative) by Area (added since Draft EIS).

Area Name	% of EEZ	Area (ha)	Area Name	% of EEZ	Area (ha)
Anacapa Island SMCA	0.00%	2,494	Heceta Bank	0.05%	42,287
Anacapa Island SMR	0.00%	3,959	Hidden Reef / Kidney Bank	0.09%	77,144
Astoria Canyon	0.22%	177,337	Judith Rock	0.00%	1,185
Bandon High Spot	0.02%	18,214	Mendocino Ridge	0.23%	186,294
Biogenic Area 12	0.03%	25,690	Monterey Bay / Canyon	0.26%	215,306
Biogenic_1	0.15%	123,330	Nehalem Bank / Shale Pile	0.02%	19,968
Biogenic_2	0.03%	23,395	Newport Rockpile / Stonewall Bank	0.02%	17,153
Biogenic_3	0.02%	20,539	Olympic_2	0.07%	54,749
Blunts Reef	0.01%	5,773	Painted Cave	0.00%	461
Carrington Point	0.00%	3,300	Point Arena Offshore	0.01%	8,805
Catalina Island	0.14%	118,840	Point Sur Deep	0.03%	21,854
Cherry Bank	0.07%	56,227	Potato Bank	0.03%	28,667
Outer Cordell Bank	0.05%	38,540	President Jackson Seamount	0.12%	98,627
Inner Cordell Bank (within 50 fm isobath)	0.01%	6,826	Richardson Rock	0.02%	18,837
Cowcod Conservation Area East	0.05%	38,250	Rogue Canyon	0.11%	88,495
Daisy Bank / Nelson Island	0.01%	6,594	Santa Barbara	0.02%	14,714
Davidson Seamount	0.24%	200,846	Scorpion	0.01%	4,829
Deepwater off Coos Bay	0.07%	56,456	Siletz Deepwater	0.07%	53,786
Delgada Canyon	0.00%	4,071	Skunk Point	0.00%	356
Eel River Canyon	0.11%	87,018	South Point	0.00%	3,873
Farallon Islands / Fanny Shoal	0.02%	14,259	TNC/ED Area 1	0.03%	27,253
Footprint	0.01%	6,961	TNC/ED Area 2	1.26%	1,033,867
Grays Canyon	0.02%	16,420	TNC/ED Area 3	0.40%	327,825
Gull Island	0.01%	9,051	Thompson Seamount	0.05%	42,825
Half Moon Bay	0.02%	12,841	Tolo Bank	0.01%	5,527
Harris Point	0.02%	12,972	west of 700 fm isobath	77.45%	63,729,865

Table 4-14: Closure type within Ecologically Important Areas (Preferred Alternative) (added since Draft EIS).

Closure Type	Area Name	Closure Type	Area Name
bottom trawl gear	Astoria Canyon	bottom trawl gear	Point Sur Deep
bottom trawl gear	Bandon High Spot	bottom trawl gear	Potato Bank
bottom trawl gear	Biogenic Area 12	bottom trawl gear	Rogue Canyon
bottom trawl gear	Biogenic_1	bottom trawl gear	Siletz Deepwater
bottom trawl gear	Biogenic_2	bottom trawl gear	TNC/ED Area 1
bottom trawl gear	Biogenic_3	bottom trawl gear	TNC/ED Area 2
bottom trawl gear	Blunts Reef	bottom trawl gear	TNC/ED Area 3
bottom trawl gear	Catalina Island	bottom trawl gear	Tolo Bank
bottom trawl gear	Cherry Bank	bottom trawl gear	west of 700 fm isobath
bottom trawl gear	Cordell Bank	bottom-contact gear	Cordell Bank (within 50 fm isobath)
bottom trawl gear	Cowcod Conservation Area East	bottom-contact gear	President Jackson Seamount
bottom trawl gear	Daisy Bank / Nelson Island	bottom-contact gear	Thompson Seamount
bottom trawl gear	Deepwater off Coos Bay	bottom-contact gear with buffer off bottom	Davidson Seamount
bottom trawl gear	Delgada Canyon	no-take	Anacapa Island SMR
bottom trawl gear	Eel River Canyon	no-take	Carrington Point
bottom trawl gear	Farallon Islands / Fanny Shoal	no-take	Footprint
bottom trawl gear	Grays Canyon	no-take	Gull Island
bottom trawl gear	Half Moon Bay	no-take	Harris Point
bottom trawl gear	Heceta Bank	no-take	Judith Rock
bottom trawl gear	Hidden Reef / Kidney Bank	no-take	Painted Cove
bottom trawl gear	Mendocino Ridge	no-take	Richardson Rock
bottom trawl gear	Monterey Bay / Canyon	no-take	Santa Barbara
bottom trawl gear	Nehalem Bank / Shale Pile	no-take	Scorpion
bottom trawl gear	Newport Rockpile / Stonewall Bank	no-take	Skunk Point
bottom trawl gear	Olympic_2	no-take	South Point
bottom trawl gear	Point Arena Offshore	specific gear types	Anacapa Island SMCA

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 1 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative					
				C.2.1		C.2.2		C.2.3	
				C.1	C.2.1 large ftrope	C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1
Anoplopoma fimbria	Sablefish	Adults	21.7	--	40.7	34.3	100.0	22.1	>0.1
Anoplopoma fimbria	Sablefish	Eggs	23.7	--	37.8	31.2	100.0	20.3	4.0
Anoplopoma fimbria	Sablefish	Juveniles	8.1	--	52.8	43.0	100.0	27.0	0.0
Anoplopoma fimbria	Sablefish	Larvae	11.3	--	17.0	3.8	100.0	>0.1	0.0
Antimora microlepis	Finescale codling	Adults	45.3	--	2.9	0.0	100.0	0.0	>0.1
Atheresthes stomias	Arrowtooth flounder	Adults	3.7	--	80.2	67.4	100.0	41.8	0.0
Atheresthes stomias	Arrowtooth flounder	Eggs	24.2	--	51.0	43.8	100.0	29.4	2.9
Atheresthes stomias	Arrowtooth flounder	Juveniles	3.7	--	90.0	72.9	100.0	38.7	0.0
Atheresthes stomias	Arrowtooth flounder	Larvae	24.2	--	51.0	43.8	100.0	29.4	2.9
Citharichthys sordidus	Pacific sanddab	Adults	5.1	--	100.0	92.3	100.0	59.8	0.0
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Adults	44.0	--	0.8	>0.1	100.0	>0.1	>0.1
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Eggs	7.1	--	77.0	65.5	100.0	43.2	3.4
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Juveniles	7.4	--	0.5	>0.1	100.0	0.0	0.0
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Larvae	7.1	--	77.0	65.5	100.0	43.2	3.4
Eopsetta jordani	Petrable sole	Adults	6.1	--	84.6	70.7	100.0	43.3	0.0
Eopsetta jordani	Petrable sole	Juveniles	3.1	--	100.0	100.0	100.0	76.5	0.0
Errex zachirus	Rex sole	Adults	6.8	--	69.5	58.1	100.0	35.6	0.0
Errex zachirus	Rex sole	Juveniles	3.7	--	100.0	97.9	100.0	66.0	0.0
Gadus macrocephalus	Pacific cod	Adults	34.9	--	100.0	91.6	100.0	52.1	15.0
Gadus macrocephalus	Pacific cod	Eggs	4.6	--	100.0	100.0	100.0	77.3	1.6
Gadus macrocephalus	Pacific cod	Juveniles	8.1	--	100.0	97.4	100.0	64.6	3.7
Gadus macrocephalus	Pacific cod	Larvae	1.1	--	100.0	100.0	100.0	100.0	5.7
Galeorhinus zyopterus	Southern Shark	Adults	6.9	--	94.4	79.4	100.0	50.0	3.1
Galeorhinus zyopterus	Southern Shark	Juveniles	6.9	--	91.6	78.0	100.0	51.1	3.6
Hexagrammos decagrammus	Kelp greenling	Adults	10.1	--	100.0	100.0	100.0	100.0	59.9
Hexagrammos decagrammus	Kelp greenling	Larvae	1.2	--	100.0	100.0	100.0	96.2	3.4
Hippoglossoides elassodon	Flathead sole	Adults	2.7	--	98.8	80.6	100.0	45.2	0.0
Hippoglossoides elassodon	Flathead sole	Juveniles	1.9	--	100.0	100.0	100.0	75.8	0.0
Hydrolagus coliei	Spotted ratfish	Adults	6.4	--	99.8	95.2	100.0	65.2	2.1
Hydrolagus coliei	Spotted ratfish	Eggs	8.2	--	68.6	57.6	100.0	36.6	3.9
Hydrolagus coliei	Spotted ratfish	Juveniles	6.4	--	99.8	95.2	100.0	65.2	2.1
Isopsetta isolepis	Butter sole	Adults	3.2	--	98.2	86.5	100.0	60.6	0.0
Lepidopsetta bilineata	Rock sole	Adults	3.8	--	89.3	79.8	100.0	53.9	0.0
Merluccius productus	Pacific hake	Adults	8.6	--	61.6	52.4	100.0	34.4	4.3
Merluccius productus	Pacific hake	Eggs	6.3	--	100.0	100.0	100.0	71.1	3.5
Merluccius productus	Pacific hake	Juveniles	24.3	--	52.2	28.2	100.0	9.2	0.9
Microstomus pacificus	Dover sole	Adults	10.7	--	44.6	36.7	100.0	22.2	>0.1
Microstomus pacificus	Dover sole	Juveniles	6.0	--	69.9	56.4	100.0	35.5	0.0
Ophiodon elongatus	Lingcod	Adults	19.6	--	99.9	97.0	100.0	71.8	20.0
Ophiodon elongatus	Lingcod	Eggs	1.1	--	100.0	100.0	100.0	96.3	3.5
Ophiodon elongatus	Lingcod	Juveniles	3.3	--	100.0	100.0	100.0	80.0	0.1
Ophiodon elongatus	Lingcod	Larvae	5.4	--	100.0	100.0	100.0	76.5	2.1
Platichthys stellatus	Starry flounder	Adults	1.7	--	100.0	100.0	100.0	97.2	0.0
Platichthys stellatus	Starry flounder	Eggs	2.6	--	100.0	100.0	100.0	97.4	2.7
Platichthys stellatus	Starry flounder	Juveniles	2.2	--	100.0	100.0	100.0	98.6	0.0
Pleuronectes vetulus	English sole	Adults	3.2	--	94.8	83.4	100.0	55.3	>0.1
Pleuronectes vetulus	English sole	Juveniles	1.6	--	100.0	100.0	100.0	78.3	0.2
Pleuronectes vetulus	English sole	Larvae	4.1	--	100.0	97.6	100.0	66.0	1.4
Pleuronichthys decurrens	Curfin sole	Adults	4.7	--	100.0	99.0	100.0	71.3	0.0
Psettichthys melanostictus	Sand sole	Adults	1.4	--	100.0	100.0	100.0	96.9	0.0
Psettichthys melanostictus	Sand sole	Juveniles	2.8	--	100.0	100.0	100.0	74.6	0.0
Psettichthys melanostictus	Sand sole	Larvae	5.6	--	100.0	96.2	100.0	66.0	2.3
Raja binoculata	Big skate	Adults	4.8	--	84.0	72.0	100.0	46.5	0.0
Raja binoculata	Big skate	Eggs	6.8	--	82.2	70.0	100.0	44.7	3.4
Raja binoculata	Big skate	Juveniles	4.3	--	99.9	95.4	100.0	65.4	0.0

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 2 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative						
				C.3.2	C.3.3	C.3.4	C.4.1	C.4.2	C.5	C.6
Anoplopoma fimbria	Sablefish	Adults	21.7	38.5	0.1	66.2	31.8	0.1	--	34.7
Anoplopoma fimbria	Sablefish	Eggs	23.7	40.1	7.1	70.3	29.4	0.2	--	33.0
Anoplopoma fimbria	Sablefish	Juveniles	8.1	23.4	0.0	56.4	17.1	0.0	--	50.1
Anoplopoma fimbria	Sablefish	Larvae	11.3	41.4	0.0	99.5	26.8	0.0	--	12.2
Antimora microlepis	Finescale codling	Adults	45.3	64.3	>0.1	99.6	44.5	15.9	--	2.4
Atheresthes stomias	Arrowtooth flounder	Adults	3.7	0.9	0.0	30.6	2.6	0.0	--	80.8
Atheresthes stomias	Arrowtooth flounder	Eggs	24.2	20.4	>0.1	57.5	15.0	3.1	--	47.1
Atheresthes stomias	Arrowtooth flounder	Juveniles	3.7	1.4	0.0	24.5	2.8	0.0	--	90.9
Atheresthes stomias	Arrowtooth flounder	Larvae	24.2	20.4	6.8	57.5	15.0	3.1	--	47.1
Citharichthys sordidus	Pacific sanddab	Adults	5.1	6.3	0.0	11.8	14.4	0.0	--	90.2
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Adults	44.0	69.9	>0.1	99.7	50.1	11.5	--	1.2
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Eggs	7.1	12.4	7.7	41.6	16.2	0.0	--	64.0
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Juveniles	7.4	3.3	0.0	98.2	0.5	0.0	--	0.6
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Larvae	7.1	12.4	7.7	41.6	16.2	0.0	--	64.0
Eopsetta jordani	Petrale sole	Adults	6.1	11.6	0.0	31.0	15.1	0.0	--	77.4
Eopsetta jordani	Petrale sole	Juveniles	3.1	1.6	0.5	2.0	15.5	0.0	--	90.4
Errex zachirus	Rex sole	Adults	6.8	15.6	0.0	43.2	16.8	0.0	--	63.6
Errex zachirus	Rex sole	Juveniles	3.7	0.4	0.5	0.5	12.5	0.0	--	93.2
Gadus macrocephalus	Pacific cod	Adults	34.9	15.0	96.7	96.7	0.9	0.0	--	100.0
Gadus macrocephalus	Pacific cod	Eggs	4.6	3.0	7.1	7.6	12.0	0.0	--	89.7
Gadus macrocephalus	Pacific cod	Juveniles	8.1	3.7	17.4	17.4	2.8	0.0	--	99.9
Gadus macrocephalus	Pacific cod	Larvae	1.1	5.7	9.8	9.8	15.7	0.0	--	98.4
Galeorhinus zyopterus	Soufin Shark	Adults	6.9	11.0	7.7	29.5	15.9	0.0	--	79.4
Galeorhinus zyopterus	Soufin Shark	Juveniles	6.9	12.4	8.0	30.8	18.0	0.0	--	76.1
Hexagrammos decagrammus	Kelp greenling	Adults	10.1	59.9	100.0	100.0	27.4	0.0	--	94.5
Hexagrammos decagrammus	Kelp greenling	Larvae	1.2	7.0	9.3	9.6	32.6	0.0	--	69.0
Hippoglossoides elassodon	Flathead sole	Adults	2.7	0.2	0.0	13.6	2.5	0.0	--	99.4
Hippoglossoides elassodon	Flathead sole	Juveniles	1.9	0.6	0.7	0.7	11.7	0.0	--	90.5
Hydrolagus colliei	Spotted ratfish	Adults	6.4	2.1	6.5	6.5	11.3	0.0	--	96.9
Hydrolagus colliei	Spotted ratfish	Eggs	8.2	16.7	7.7	48.7	16.2	>0.1	--	60.1
Hydrolagus colliei	Spotted ratfish	Juveniles	6.4	2.1	6.5	6.5	11.3	0.0	--	96.9
Isopsetta isolepis	Butter sole	Adults	3.2	1.0	0.4	11.8	9.2	0.0	--	92.9
Lepidopsetta bilineata	Rock sole	Adults	3.8	1.1	0.3	18.6	13.1	0.0	--	82.8
Merluccius productus	Pacific hake	Adults	8.6	25.6	8.0	53.4	25.2	>0.1	--	51.1
Merluccius productus	Pacific hake	Eggs	6.3	5.0	8.0	10.0	11.8	0.0	--	94.9
Merluccius productus	Pacific hake	Juveniles	24.3	0.9	16.6	16.6	12.2	0.0	--	>0.1
Microstomus pacificus	Dover sole	Adults	10.7	33.1	>0.1	64.2	28.1	0.0	--	39.8
Microstomus pacificus	Dover sole	Juveniles	6.0	15.7	0.3	43.3	15.8	0.0	--	61.8
Ophiodon elongatus	Lingcod	Adults	19.6	23.0	60.4	60.4	47.5	0.0	--	55.6
Ophiodon elongatus	Lingcod	Eggs	1.1	7.2	9.6	9.8	33.8	0.0	--	68.9
Ophiodon elongatus	Lingcod	Juveniles	3.3	1.3	1.4	1.4	16.6	0.0	--	90.2
Ophiodon elongatus	Lingcod	Larvae	5.4	2.1	6.5	6.5	11.0	0.0	--	97.4
Platichthys stellatus	Starry flounder	Adults	1.7	0.9	1.1	1.1	22.0	0.0	--	81.8
Platichthys stellatus	Starry flounder	Eggs	2.6	5.0	7.4	7.4	21.9	0.0	--	81.2
Platichthys stellatus	Starry flounder	Juveniles	2.2	0.1	0.1	0.1	13.4	0.0	--	91.6
Pleuronectes vetulus	English sole	Adults	3.2	1.2	1.1	14.6	9.2	0.0	--	87.5
Pleuronectes vetulus	English sole	Juveniles	1.6	1.8	2.0	2.0	13.5	0.0	--	87.1
Pleuronectes vetulus	English sole	Larvae	4.1	2.8	7.2	8.1	11.4	0.0	--	89.7
Pleuronichthys decurrens	Curffin sole	Adults	4.7	4.1	0.0	5.6	14.8	0.0	--	92.3
Psettichthys melanostictus	Sand sole	Adults	1.4	1.0	1.2	1.2	21.7	0.0	--	84.1
Psettichthys melanostictus	Sand sole	Juveniles	2.8	0.4	0.5	0.5	13.8	0.0	--	90.9
Psettichthys melanostictus	Sand sole	Larvae	5.6	4.3	7.4	11.2	15.0	0.0	--	88.9
Raja binoculata	Big skate	Adults	4.8	6.1	0.0	29.4	11.8	0.0	--	77.8
Raja binoculata	Big skate	Eggs	6.8	10.5	7.2	37.7	13.3	0.0	--	73.3
Raja binoculata	Big skate	Juveniles	4.3	0.0	0.0	0.0	11.1	0.0	--	97.0

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 3 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative						
				C.7.1	C.8.1	C.9	C.10	C.11	C.12	C.13
				C.7.2	C.8.2				C.14	
Anoplopoma fimbria	Sablefish	Adults	21.7	19.9	0.1	--	10.9	--	54.4	
Anoplopoma fimbria	Sablefish	Eggs	23.7	21.5	0.2	--	11.2	--	54.8	
Anoplopoma fimbria	Sablefish	Juveniles	8.1	17.8	0.0	--	10.9	--	38.9	
Anoplopoma fimbria	Sablefish	Larvae	11.3	24.4	0.0	--	15.7	--	47.2	
Antimora microlepis	Finescale codling	Adults	45.3	23.9	15.9	--	17.4	--	67.5	
Atheresthes stomias	Arrowtooth flounder	Adults	3.7	5.7	0.0	--	2.5	--	23.2	
Atheresthes stomias	Arrowtooth flounder	Eggs	24.2	14.3	3.1	--	8.2	--	40.9	
Atheresthes stomias	Arrowtooth flounder	Juveniles	3.7	7.6	0.0	--	3.6	--	24.3	
Atheresthes stomias	Arrowtooth flounder	Larvae	24.2	14.3	3.1	--	8.2	--	40.9	
Citharichthys sordidus	Pacific sanddab	Adults	5.1	15.6	0.0	--	8.7	--	36.7	
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Adults	44.0	22.0	11.5	--	14.2	--	72.5	
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Eggs	7.1	19.2	0.0	--	9.9	--	39.6	
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Juveniles	7.4	2.9	0.0	--	0.0	--	18.6	
Coryphaenoides acrolepis	Pacific rattail (grenadier)	Larvae	7.1	19.2	0.0	--	9.9	--	39.6	
Eopsetta jordani	Petrale sole	Adults	6.1	17.8	0.0	--	9.2	--	35.4	
Eopsetta jordani	Petrale sole	Juveniles	3.1	10.8	0.0	--	6.4	--	37.5	
Errex zachirus	Rex sole	Adults	6.8	19.1	0.0	--	10.5	--	36.8	
Errex zachirus	Rex sole	Juveniles	3.7	9.5	0.0	--	5.8	--	34.4	
Gadus macrocephalus	Pacific cod	Adults	34.9	38.0	0.0	--	0.0	--	49.7	
Gadus macrocephalus	Pacific cod	Eggs	4.6	9.5	0.0	--	5.4	--	36.5	
Gadus macrocephalus	Pacific cod	Juveniles	8.1	12.7	0.0	--	0.9	--	23.2	
Gadus macrocephalus	Pacific cod	Larvae	1.1	14.6	0.0	--	11.6	--	49.8	
Galeorhinus zyopterus	Soupin Shark	Adults	6.9	16.1	0.0	--	7.1	--	39.7	
Galeorhinus zyopterus	Soupin Shark	Juveniles	6.9	17.4	0.0	--	8.2	--	41.9	
Hexagrammos decagrammus	Kelp greenling	Adults	10.1	26.5	0.0	--	20.0	--	58.4	
Hexagrammos decagrammus	Kelp greenling	Larvae	1.2	8.1	0.0	--	5.9	--	62.0	
Hippoglossoides elassodon	Flathead sole	Adults	2.7	5.1	0.0	--	0.0	--	19.0	
Hippoglossoides elassodon	Flathead sole	Juveniles	1.9	2.4	0.0	--	0.0	--	33.3	
Hydrolagus colliei	Spotted ratfish	Adults	6.4	13.7	0.0	--	7.3	--	35.8	
Hydrolagus colliei	Spotted ratfish	Eggs	8.2	22.0	>0.1	--	11.1	--	39.6	
Hydrolagus colliei	Spotted ratfish	Juveniles	6.4	13.7	0.0	--	7.3	--	35.8	
Isopsetta isolepis	Butter sole	Adults	3.2	11.3	0.0	--	7.2	--	31.1	
Lepidopsetta bilineata	Rock sole	Adults	3.8	10.5	0.0	--	5.7	--	33.5	
Merluccius productus	Pacific hake	Adults	8.6	21.7	>0.1	--	10.5	--	48.0	
Merluccius productus	Pacific hake	Eggs	6.3	15.0	0.0	--	7.1	--	34.7	
Merluccius productus	Pacific hake	Juveniles	24.3	110.9	0.0	--	31.9	--	44.9	
Microstomus pacificus	Dover sole	Adults	10.7	21.3	0.0	--	11.1	--	48.4	
Microstomus pacificus	Dover sole	Juveniles	6.0	14.3	0.0	--	6.9	--	35.9	
Ophiodon elongatus	Lingcod	Adults	19.6	19.2	0.0	--	4.6	--	72.9	
Ophiodon elongatus	Lingcod	Eggs	1.1	8.7	0.0	--	6.5	--	62.7	
Ophiodon elongatus	Lingcod	Juveniles	3.3	10.9	0.0	--	7.2	--	39.2	
Ophiodon elongatus	Lingcod	Larvae	5.4	12.9	0.0	--	7.5	--	35.4	
Platichthys stellatus	Starry flounder	Adults	1.7	9.8	0.0	--	8.3	--	48.6	
Platichthys stellatus	Starry flounder	Eggs	2.6	9.6	0.0	--	8.0	--	49.3	
Platichthys stellatus	Starry flounder	Juveniles	2.2	9.6	0.0	--	8.1	--	39.8	
Pleuronectes vetulus	English sole	Adults	3.2	3.3	0.0	--	0.0	--	29.7	
Pleuronectes vetulus	English sole	Juveniles	1.6	2.3	0.0	--	0.0	--	35.6	
Pleuronectes vetulus	English sole	Larvae	4.1	4.6	0.0	--	0.0	--	33.9	
Pleuronichthys decurrens	Curlfin sole	Adults	4.7	15.7	0.0	--	8.9	--	39.4	
Psettichthys melanostictus	Sand sole	Adults	1.4	9.4	0.0	--	7.9	--	47.4	
Psettichthys melanostictus	Sand sole	Juveniles	2.8	9.1	0.0	--	5.3	--	35.3	
Psettichthys melanostictus	Sand sole	Larvae	5.6	12.6	0.0	--	6.4	--	38.2	
Raja binoculata	Big skate	Adults	4.8	14.1	0.0	--	7.6	--	32.6	
Raja binoculata	Big skate	Eggs	6.8	16.7	0.0	--	7.6	--	36.2	
Raja binoculata	Big skate	Juveniles	4.3	12.3	0.0	--	7.3	--	34.2	

Habitat Table 4-15: 14: Comparison of Habitat Protection for Single Species/Life Stages – 4 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative					
				C.2.1		C.2.2		C.2.3	
				C.1	C.2.3 large ftrope	C.2.1 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1
Raja inornata	California skate	Adults	8.2	--	60.4	51.6	100.0	34.4	0.0
Raja inornata	California skate	Eggs	7.6	--	79.8	68.3	100.0	44.9	3.9
Raja inornata	California skate	Juveniles	4.2	--	99.9	96.3	100.0	66.3	0.0
Raja rhina	Longnose skate	Adults	6.4	--	68.6	58.5	100.0	38.1	0.0
Raja rhina	Longnose skate	Eggs	6.8	--	85.6	72.5	100.0	46.8	3.3
Raja rhina	Longnose skate	Larvae	4.1	--	99.9	95.4	100.0	64.9	0.0
Scorpaena guttata	California scorpionfish	Adults	20.4	--	100.0	100.0	100.0	73.4	85.5
Scorpaenichthys marmoratus	Cabezon	Adults	5.8	--	100.0	100.0	100.0	85.8	18.1
Sebastes aleutianus	Rougheye rockfish	Adults	5.9	--	74.3	55.3	100.0	24.1	0.7
Sebastes aleutianus	Rougheye rockfish	Juveniles	5.7	--	77.6	63.3	100.0	35.3	0.0
Sebastes alutus	Pacific ocean perch	Adults	6.7	--	76.0	47.3	100.0	9.7	0.6
Sebastes alutus	Pacific ocean perch	Juveniles	11.1	--	47.7	22.4	100.0	6.9	5.6
Sebastes alutus	Pacific ocean perch	Larvae	6.7	--	88.3	67.3	100.0	35.7	1.6
Sebastes atrovirens	Kelp rockfish	Adults	11.0	--	100.0	100.0	100.0	100.0	52.8
Sebastes aurora	Aurora rockfish	Adults	12.0	--	37.2	16.7	100.0	>0.1	6.2
Sebastes aurora	Aurora rockfish	Juveniles	8.5	--	59.5	42.9	100.0	19.0	2.9
Sebastes aurora	Aurora rockfish	Larvae	26.6	--	32.6	24.2	100.0	9.9	4.8
Sebastes babcocki	Redbanded rockfish	Adults	7.3	--	81.5	54.6	100.0	7.1	0.0
Sebastes borealis	Shortraker rockfish	Adults	7.5	--	67.0	48.0	100.0	14.4	2.3
Sebastes brevispinis	Silvergray rockfish	Adults	39.5	--	100.0	84.2	100.0	35.1	6.3
Sebastes carnatus	Gopher rockfish	Adults	24.5	--	100.0	100.0	100.0	100.0	47.4
Sebastes carnatus	Gopher rockfish	Juveniles	24.5	--	100.0	100.0	100.0	100.0	47.4
Sebastes carnatus	Gopher rockfish	Larvae	4.2	--	100.0	100.0	100.0	100.0	4.4
Sebastes caurinus	Copper rockfish	Adults	34.6	--	100.0	100.0	100.0	87.2	54.4
Sebastes chlorostictus	Greenspotted rockfish	Adults	10.2	--	100.0	96.4	100.0	53.5	3.0
Sebastes chlorostictus	Greenspotted rockfish	Juveniles	4.9	--	100.0	100.0	100.0	100.0	2.9
Sebastes chrysomelas	Black-and-yellow rockfish	Adults	12.9	--	100.0	100.0	100.0	100.0	41.8
Sebastes chrysomelas	Black-and-yellow rockfish	Juveniles	8.7	--	100.0	100.0	100.0	100.0	41.2
Sebastes chrysomelas	Black-and-yellow rockfish	Larvae	1.6	--	100.0	100.0	100.0	100.0	6.8
Sebastes constellatus	Starry rockfish	Adults	29.6	--	100.0	100.0	100.0	65.7	78.9
Sebastes constellatus	Starry rockfish	Juveniles	45.5	--	100.0	100.0	100.0	78.1	64.9
Sebastes crameri	Darkblotched rockfish	Adults	5.9	--	85.7	69.8	100.0	38.6	0.0
Sebastes crameri	Darkblotched rockfish	Juveniles	4.7	--	99.9	94.8	100.0	62.0	0.0
Sebastes crameri	Darkblotched rockfish	Larvae	10.0	--	60.6	48.7	100.0	25.4	2.5
Sebastes dalli	Calico rockfish	Adults	49.6	--	100.0	100.0	100.0	71.1	71.0
Sebastes dalli	Calico rockfish	Juveniles	3.9	--	100.0	100.0	100.0	100.0	0.0
Sebastes diploproa	Splitnose rockfish	Adults	6.1	--	84.3	67.6	100.0	36.9	0.0
Sebastes diploproa	Splitnose rockfish	Juveniles	5.9	--	73.9	62.0	100.0	38.7	0.2
Sebastes diploproa	Splitnose rockfish	Larvae	24.5	--	42.1	35.8	100.0	23.5	4.8
Sebastes elongatus	Greenstriped rockfish	Adults	8.4	--	99.9	88.4	100.0	45.0	3.9
Sebastes elongatus	Greenstriped rockfish	Juveniles	4.8	--	99.9	94.6	100.0	59.7	0.0
Sebastes entomelas	Widow rockfish	Adults	32.1	--	100.0	93.0	100.0	58.1	77.0
Sebastes entomelas	Widow rockfish	Juveniles	4.4	--	100.0	100.0	100.0	84.5	2.7
Sebastes eos	Pink rockfish	Adults	37.3	--	100.0	94.8	100.0	46.9	56.3
Sebastes flavidus	Yellowtail rockfish	Adults	32.1	--	81.0	76.9	100.0	52.6	41.1
Sebastes flavidus	Yellowtail rockfish	Juveniles	23.6	--	100.0	100.0	100.0	100.0	53.5
Sebastes gilli	Bronzespotted rockfish	Adults	44.1	--	93.0	76.8	100.0	14.6	94.3
Sebastes gilli	Bronzespotted rockfish	Juveniles	38.9	--	90.4	69.0	100.0	3.5	95.7
Sebastes goodei	Chilipepper	Adults	33.3	--	82.3	74.0	100.0	38.5	61.4
Sebastes goodei	Chilipepper	Juveniles	2.1	--	100.0	100.0	100.0	100.0	4.1
Sebastes helvomaculatus	Rosethorn rockfish	Adults	40.5	--	99.7	91.0	100.0	42.2	16.5
Sebastes hopkinsi	Squarespot rockfish	Adults	29.7	--	100.0	100.0	100.0	65.5	73.4
Sebastes hopkinsi	Squarespot rockfish	Juveniles	15.8	--	100.0	100.0	100.0	100.0	41.7
Sebastes jordani	Shortbelly rockfish	Adults	9.2	--	91.3	76.6	100.0	40.0	1.5
Sebastes levis	Cowcod	Adults	35.7	--	84.8	75.8	100.0	41.5	79.5
Sebastes levis	Cowcod	Juveniles	8.5	--	100.0	99.4	100.0	69.3	2.9

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 5 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative						
				C.3.2	C.3.3	C.3.4	C.4.1	C.4.2	C.5	C.6
Raja inornata	California skate	Adults	8.2	17.8	>0.1	50.1	16.8	0.0	--	54.1
Raja inornata	California skate	Eggs	7.6	15.7	8.1	39.9	18.7	0.0	--	66.3
Raja inornata	California skate	Juveniles	4.2	0.0	0.0	0.0	11.0	0.0	--	96.9
Raja rhina	Longnose skate	Adults	6.4	13.2	0.2	42.8	17.6	0.0	--	59.8
Raja rhina	Longnose skate	Eggs	6.8	12.1	7.6	35.6	16.6	0.0	--	71.6
Raja rhina	Longnose skate	Larvae	4.1	0.4	0.4	0.4	14.2	0.0	--	92.9
Scorpaena guttata	California scorpionfish	Adults	20.4	85.5	100.0	100.0	74.6	0.0	--	46.4
Scorpaenichthys marmoratus	Cabezon	Adults	5.8	22.8	36.2	36.2	69.3	0.0	--	29.3
Sebastes aleutianus	Rougheye rockfish	Adults	5.9	2.6	6.2	45.3	1.8	0.0	--	74.5
Sebastes aleutianus	Rougheye rockfish	Juveniles	5.7	8.9	0.0	38.2	11.1	0.0	--	71.3
Sebastes alutus	Pacific ocean perch	Adults	6.7	0.8	8.2	53.5	1.8	0.0	--	75.7
Sebastes alutus	Pacific ocean perch	Juveniles	11.1	21.1	15.6	99.3	12.0	0.0	--	34.9
Sebastes alutus	Pacific ocean perch	Larvae	6.7	9.6	6.2	37.9	6.4	0.0	--	80.0
Sebastes atrovirens	Kelp rockfish	Adults	11.0	52.8	100.0	100.0	34.7	0.0	--	92.4
Sebastes aurora	Aurora rockfish	Adults	12.0	38.8	8.7	88.1	28.9	>0.1	--	26.8
Sebastes aurora	Aurora rockfish	Juveniles	8.5	16.5	7.4	60.0	10.5	0.0	--	55.2
Sebastes aurora	Aurora rockfish	Larvae	26.6	40.7	7.8	77.7	26.9	0.3	--	28.3
Sebastes babcocki	Redbanded rockfish	Adults	7.3	12.6	0.0	46.3	10.4	0.0	--	72.8
Sebastes borealis	Shorthead rockfish	Adults	7.5	6.1	8.3	55.0	1.5	0.0	--	65.4
Sebastes brevispinis	Silvergray rockfish	Adults	39.5	6.3	100.0	100.0	0.1	0.0	--	89.1
Sebastes carnatus	Gopher rockfish	Adults	24.5	47.4	100.0	100.0	27.4	0.0	--	90.5
Sebastes carnatus	Gopher rockfish	Juveniles	24.5	47.4	100.0	100.0	27.4	0.0	--	90.5
Sebastes carnatus	Gopher rockfish	Larvae	4.2	4.9	8.2	8.7	21.9	0.0	--	90.2
Sebastes caurinus	Copper rockfish	Adults	34.6	54.4	100.0	100.0	34.8	0.0	--	95.5
Sebastes chlorostictus	Greenspotted rockfish	Adults	10.2	3.0	8.6	8.6	15.1	0.0	--	96.4
Sebastes chlorostictus	Greenspotted rockfish	Juveniles	4.9	2.9	6.2	6.2	14.3	0.0	--	95.1
Sebastes chrysomelas	Black-and-yellow rockfish	Adults	12.9	41.8	100.0	100.0	27.3	0.0	--	93.2
Sebastes chrysomelas	Black-and-yellow rockfish	Juveniles	8.7	41.2	100.0	100.0	27.1	0.0	--	94.3
Sebastes chrysomelas	Black-and-yellow rockfish	Larvae	1.6	8.4	12.8	13.4	29.1	0.0	--	84.8
Sebastes constellatus	Starry rockfish	Adults	29.6	78.9	100.0	100.0	65.3	0.0	--	50.7
Sebastes constellatus	Starry rockfish	Juveniles	45.5	64.9	100.0	100.0	46.8	0.0	--	94.1
Sebastes cramerii	Darkblotched rockfish	Adults	5.9	9.4	0.0	31.7	10.8	0.0	--	79.3
Sebastes cramerii	Darkblotched rockfish	Juveniles	4.7	0.0	0.0	0.0	8.2	0.0	--	98.3
Sebastes cramerii	Darkblotched rockfish	Larvae	10.0	13.0	6.8	55.6	9.3	>0.1	--	54.8
Sebastes dalli	Calico rockfish	Adults	49.6	71.0	100.0	100.0	50.9	0.0	--	92.8
Sebastes dalli	Calico rockfish	Juveniles	3.9	0.0	0.0	0.0	37.5	0.0	--	83.2
Sebastes diploproa	Splitnose rockfish	Adults	6.1	10.9	0.1	34.6	11.0	0.0	--	75.8
Sebastes diploproa	Splitnose rockfish	Juveniles	5.9	12.2	0.2	39.9	13.2	0.0	--	67.6
Sebastes diploproa	Splitnose rockfish	Larvae	24.5	39.3	7.8	67.6	31.0	0.3	--	34.9
Sebastes elongatus	Greenstriped rockfish	Adults	8.4	4.1	9.8	16.2	8.9	0.0	--	96.6
Sebastes elongatus	Greenstriped rockfish	Juveniles	4.8	0.0	0.0	0.0	9.5	0.0	--	98.1
Sebastes entomelas	Widow rockfish	Adults	32.1	77.0	100.0	100.0	61.8	0.0	--	47.0
Sebastes entomelas	Widow rockfish	Juveniles	4.4	2.7	7.4	7.4	11.1	0.0	--	96.5
Sebastes eos	Pink rockfish	Adults	37.3	56.3	100.0	100.0	43.2	0.0	--	56.9
Sebastes flavidus	Yellowtail rockfish	Adults	32.1	41.1	100.0	100.0	13.3	0.0	--	70.1
Sebastes flavidus	Yellowtail rockfish	Juveniles	23.6	53.5	100.0	100.0	22.0	0.0	--	94.7
Sebastes gilli	Bronzespotted rockfish	Adults	44.1	94.3	100.0	100.0	72.4	0.0	--	26.6
Sebastes gilli	Bronzespotted rockfish	Juveniles	38.9	95.7	100.0	100.0	75.4	0.0	--	0.0
Sebastes goodei	Chilipepper	Adults	33.3	61.4	100.0	100.0	36.8	0.0	--	46.1
Sebastes goodei	Chilipepper	Juveniles	2.1	4.1	6.8	6.8	18.4	0.0	--	92.7
Sebastes helvomaculatus	Rosethorn rockfish	Adults	40.5	16.5	100.0	100.0	6.6	0.0	--	98.6
Sebastes hopkinsi	Squarespot rockfish	Adults	29.7	73.4	100.0	100.0	60.1	0.0	--	54.2
Sebastes hopkinsi	Squarespot rockfish	Juveniles	15.8	41.7	100.0	100.0	28.8	0.0	--	89.7
Sebastes jordani	Shortbelly rockfish	Adults	9.2	15.0	5.4	31.7	17.6	0.0	--	81.5
Sebastes levis	Cowcod	Adults	35.7	79.5	100.0	100.0	59.8	0.0	--	35.1
Sebastes levis	Cowcod	Juveniles	8.5	2.9	7.6	7.6	14.6	0.0	--	96.4

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 6 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative						
				C.7.1	C.8.1					C.12
				C.7.2	C.8.2	C.9	C.10	C.11	C.13	C.14
Raja inornata	California skate	Adults	8.2	19.6	0.0	--	13.1	--	38.7	
Raja inornata	California skate	Eggs	7.6	21.0	0.0	--	10.8	--	42.5	
Raja inornata	California skate	Juveniles	4.2	12.5	0.0	--	7.4	--	33.8	
Raja rhina	Longnose skate	Adults	6.4	17.8	0.0	--	10.5	--	37.6	
Raja rhina	Longnose skate	Eggs	6.8	17.6	0.0	--	8.2	--	40.0	
Raja rhina	Longnose skate	Larvae	4.1	11.6	0.0	--	6.8	--	36.4	
Scorpaena guttata	California scorpionfish	Adults	20.4	62.4	0.0	--	13.8	--	92.1	
Scorpaenichthys marmoratus	Cabezon	Adults	5.8	6.2	0.0	--	4.4	--	81.3	
Sebastes aleutianus	Rougheye rockfish	Adults	5.9	10.3	0.0	--	3.3	--	18.3	
Sebastes aleutianus	Rougheye rockfish	Juveniles	5.7	13.3	0.0	--	5.9	--	30.9	
Sebastes alutus	Pacific ocean perch	Adults	6.7	10.8	0.0	--	0.3	--	20.6	
Sebastes alutus	Pacific ocean perch	Juveniles	11.1	19.8	0.0	--	8.2	--	33.3	
Sebastes alutus	Pacific ocean perch	Larvae	6.7	11.8	0.0	--	3.6	--	27.2	
Sebastes atrovirens	Kelp rockfish	Adults	11.0	35.8	0.0	--	26.9	--	60.6	
Sebastes aurora	Aurora rockfish	Adults	12.0	32.8	>0.1	--	17.7	--	49.8	
Sebastes aurora	Aurora rockfish	Juveniles	8.5	20.9	0.0	--	11.7	--	30.7	
Sebastes aurora	Aurora rockfish	Larvae	26.6	25.2	0.3	--	13.2	--	52.0	
Sebastes babcocki	Redbanded rockfish	Adults	7.3	16.9	0.0	--	7.4	--	27.6	
Sebastes borealis	Shortraker rockfish	Adults	7.5	19.0	0.0	--	11.0	--	21.1	
Sebastes brevispinis	Silvergray rockfish	Adults	39.5	44.4	0.0	--	0.0	--	47.4	
Sebastes carnatus	Gopher rockfish	Adults	24.5	30.9	0.0	--	18.3	--	60.7	
Sebastes carnatus	Gopher rockfish	Juveniles	24.5	30.9	0.0	--	18.3	--	60.7	
Sebastes carnatus	Gopher rockfish	Larvae	4.2	20.4	0.0	--	15.6	--	49.2	
Sebastes caurinus	Copper rockfish	Adults	34.6	29.4	0.0	--	19.2	--	69.9	
Sebastes chlorostictus	Greenspotted rockfish	Adults	10.2	17.1	0.0	--	11.7	--	42.7	
Sebastes chlorostictus	Greenspotted rockfish	Juveniles	4.9	14.3	0.0	--	10.4	--	39.5	
Sebastes chrysomelas	Black-and-yellow rockfish	Adults	12.9	33.1	0.0	--	22.6	--	52.9	
Sebastes chrysomelas	Black-and-yellow rockfish	Juveniles	8.7	35.6	0.0	--	24.1	--	53.0	
Sebastes chrysomelas	Black-and-yellow rockfish	Larvae	1.6	15.0	0.0	--	10.7	--	61.3	
Sebastes constellatus	Starry rockfish	Adults	29.6	53.9	0.0	--	11.0	--	88.6	
Sebastes constellatus	Starry rockfish	Juveniles	45.5	38.5	0.0	--	26.1	--	82.8	
Sebastes crameri	Darkblotched rockfish	Adults	5.9	14.9	0.0	--	7.4	--	30.7	
Sebastes crameri	Darkblotched rockfish	Juveniles	4.7	11.9	0.0	--	7.4	--	30.6	
Sebastes crameri	Darkblotched rockfish	Larvae	10.0	18.2	>0.1	--	9.5	--	32.9	
Sebastes dalli	Calico rockfish	Adults	49.6	34.5	0.0	--	23.7	--	86.7	
Sebastes dalli	Calico rockfish	Juveniles	3.9	40.8	0.0	--	31.2	--	60.8	
Sebastes diploproa	Splitnose rockfish	Adults	6.1	15.2	0.0	--	7.2	--	32.1	
Sebastes diploproa	Splitnose rockfish	Juveniles	5.9	17.4	0.0	--	10.4	--	34.8	
Sebastes diploproa	Splitnose rockfish	Larvae	24.5	22.8	0.3	--	11.9	--	56.3	
Sebastes elongatus	Greenstriped rockfish	Adults	8.4	15.1	0.0	--	6.3	--	30.5	
Sebastes elongatus	Greenstriped rockfish	Juveniles	4.8	12.2	0.0	--	6.9	--	31.3	
Sebastes entomelas	Widow rockfish	Adults	32.1	49.4	0.0	--	10.3	--	86.4	
Sebastes entomelas	Widow rockfish	Juveniles	4.4	11.8	0.0	--	6.7	--	34.5	
Sebastes eos	Pink rockfish	Adults	37.3	46.9	0.0	--	4.7	--	83.7	
Sebastes flavidus	Yellowtail rockfish	Adults	32.1	55.6	0.0	--	22.1	--	63.4	
Sebastes flavidus	Yellowtail rockfish	Juveniles	23.6	28.3	0.0	--	15.7	--	65.2	
Sebastes gilli	Bronzespotted rockfish	Adults	44.1	33.1	0.0	--	2.9	--	97.6	
Sebastes gilli	Bronzespotted rockfish	Juveniles	38.9	43.1	0.0	--	4.1	--	96.9	
Sebastes goodei	Chilipepper	Adults	33.3	60.4	0.0	--	18.4	--	80.6	
Sebastes goodei	Chilipepper	Juveniles	2.1	13.1	0.0	--	9.9	--	49.0	
Sebastes helvomaculatus	Rosethorn rockfish	Adults	40.5	43.4	0.0	--	4.6	--	53.7	
Sebastes hopkinsi	Squarespot rockfish	Adults	29.7	50.3	0.0	--	10.1	--	84.3	
Sebastes hopkinsi	Squarespot rockfish	Juveniles	15.8	34.9	0.0	--	21.8	--	52.9	
Sebastes jordani	Shortbelly rockfish	Adults	9.2	21.6	0.0	--	10.5	--	38.6	
Sebastes levis	Cowcod	Adults	35.7	57.1	0.0	--	14.4	--	92.1	
Sebastes levis	Cowcod	Juveniles	8.5	17.3	0.0	--	12.2	--	41.8	

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 7 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative					
				C.2.1		C.2.2		C.2.3	
				C.1	C.2.3 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1
Sebastes mackonaldi	Mexican rockfish	Adults	26.1	--	100.0	100.0	100.0	45.1	96.7
Sebastes mackonaldi	Mexican rockfish	Juveniles	1.6	--	100.0	100.0	100.0	69.0	98.4
Sebastes mackonaldi	Mexican rockfish	Larvae	11.0	--	100.0	100.0	100.0	66.8	16.7
Sebastes maliger	Quillback rockfish	Adults	17.3	--	100.0	97.4	100.0	72.6	13.3
Sebastes maliger	Quillback rockfish	Juveniles	8.4	--	100.0	100.0	100.0	86.6	13.6
Sebastes melanops	Black rockfish	Adults	17.0	--	100.0	97.1	100.0	72.9	14.0
Sebastes melanops	Black rockfish	Juveniles	0.1	--	100.0	100.0	100.0	83.2	5.4
Sebastes melanostomus	Blackgill rockfish	Adults	30.3	--	39.1	28.5	100.0	0.6	58.0
Sebastes melanostomus	Blackgill rockfish	Juveniles	3.0	--	57.6	34.9	100.0	0.0	0.0
Sebastes melanostomus	Blackgill rockfish	Larvae	5.0	--	76.1	63.7	100.0	39.8	1.0
Sebastes miniatus	Vermilion rockfish	Adults	34.0	--	96.4	86.0	100.0	50.5	47.0
Sebastes mystinus	Blue rockfish	Adults	19.7	--	99.9	97.0	100.0	71.8	19.9
Sebastes mystinus	Blue rockfish	Juveniles	30.6	--	100.0	100.0	100.0	100.0	39.1
Sebastes mystinus	Blue rockfish	Larvae	3.0	--	100.0	100.0	100.0	98.2	3.0
Sebastes nebulosus	China rockfish	Adults	33.8	--	100.0	100.0	100.0	96.4	39.3
Sebastes nebulosus	China rockfish	Juveniles	1.9	--	100.0	100.0	100.0	83.9	12.7
Sebastes nigrocinctus	Tiger rockfish	Adults	34.4	--	100.0	94.1	100.0	49.7	44.8
Sebastes ovalis	Speckled rockfish	Adults	33.0	--	100.0	91.6	100.0	56.8	74.3
Sebastes ovalis	Speckled rockfish	Juveniles	40.7	--	100.0	100.0	100.0	100.0	49.5
Sebastes paucispinis	Bocaccio	Adults	8.6	--	100.0	93.6	100.0	53.8	5.1
Sebastes paucispinis	Bocaccio	Juveniles	5.9	--	100.0	100.0	100.0	77.8	2.2
Sebastes paucispinis	Bocaccio	Larvae	5.4	--	100.0	100.0	100.0	72.0	3.3
Sebastes pinniger	Canary rockfish	Adults	40.5	--	100.0	94.2	100.0	58.9	29.2
Sebastes pinniger	Canary rockfish	Juveniles	37.0	--	100.0	95.4	100.0	63.9	31.9
Sebastes proriger	Redstripe rockfish	Adults	34.4	--	97.5	86.4	100.0	49.5	44.1
Sebastes rastrelliger	Grass rockfish	Adults	11.8	--	100.0	100.0	100.0	100.0	56.3
Sebastes rastrelliger	Grass rockfish	Juveniles	11.8	--	100.0	100.0	100.0	100.0	56.3
Sebastes reedi	Yellowmouth rockfish	Adults	35.4	--	100.0	64.7	100.0	0.2	1.5
Sebastes reedi	Yellowmouth rockfish	Juveniles	7.5	--	100.0	45.0	100.0	>0.1	>0.1
Sebastes rosaceus	Rosy rockfish	Adults	32.0	--	100.0	98.2	100.0	60.3	48.2
Sebastes rosaceus	Rosy rockfish	Juveniles	32.4	--	100.0	100.0	100.0	100.0	55.6
Sebastes rosenblatti	Greenblotched rockfish	Adults	35.4	--	73.2	64.9	100.0	33.4	82.5
Sebastes ruberrimus	Yelloweye rockfish	Adults	34.2	--	99.0	88.3	100.0	47.9	42.3
Sebastes ruberrimus	Yelloweye rockfish	Juveniles	39.7	--	100.0	100.0	100.0	100.0	49.6
Sebastes rubrivinctus	Flag rockfish	Adults	44.2	--	100.0	99.0	100.0	68.3	38.0
Sebastes rubrivinctus	Flag rockfish	Juveniles	30.9	--	100.0	99.1	100.0	66.8	51.6
Sebastes rufus	Bank rockfish	Adults	38.2	--	57.5	44.4	100.0	10.5	74.5
Sebastes rufus	Bank rockfish	Juveniles	41.3	--	100.0	99.7	100.0	65.0	34.0
Sebastes saxicola	Stripetail rockfish	Adults	7.1	--	88.7	72.3	100.0	39.4	0.0
Sebastes saxicola	Stripetail rockfish	Juveniles	6.2	--	100.0	99.1	100.0	72.5	2.3
Sebastes serranoides	Olive rockfish	Adults	36.6	--	100.0	100.0	100.0	95.0	47.7
Sebastes serriceps	Treefish	Adults	26.5	--	100.0	100.0	100.0	100.0	52.1
Sebastes serriceps	Treefish	Juveniles	13.7	--	100.0	100.0	100.0	100.0	41.9
Sebastes umbosus	Honeycomb rockfish	Adults	48.9	--	100.0	100.0	100.0	68.0	86.5
Sebastes umbosus	Honeycomb rockfish	Juveniles	3.7	--	100.0	100.0	100.0	100.0	3.6
Sebastes variegatus	Harlequin rockfish	Adults	35.9	--	100.0	76.7	100.0	0.9	>0.1
Sebastes zacentrus	Sharpchin rockfish	Adults	7.7	--	93.3	72.4	100.0	25.9	1.1
Sebastes zacentrus	Sharpchin rockfish	Juveniles	5.0	--	94.1	76.0	100.0	38.0	0.0
Sebastes zacentrus	Sharpchin rockfish	Larvae	49.8	--	3.1	>0.1	100.0	>0.1	6.5
Sebastolobus alascanus	Shortspine thornyhead	Adults	17.6	--	33.1	23.2	100.0	6.4	>0.1
Sebastolobus alascanus	Shortspine thornyhead	Juveniles	7.7	--	59.5	47.2	100.0	24.4	>0.1
Sebastolobus altivelis	Longspine thornyhead	Adults	20.4	--	10.7	1.9	100.0	0.0	0.0
Sebastolobus altivelis	Longspine thornyhead	Juveniles	16.6	--	>0.1	0.0	100.0	0.0	0.0
Squalus acanthias	Spiny dogfish	Adults	6.2	--	67.3	57.7	100.0	38.3	0.0
Squalus acanthias	Spiny dogfish	Juveniles	4.7	--	98.0	84.5	100.0	55.8	0.0
Triakis semifasciata	Leopard shark	Adults	4.6	--	100.0	100.0	100.0	100.0	4.2
Triakis semifasciata	Leopard shark	Juveniles	0.0	--	100.0	100.0	100.0	100.0	0.0

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 8 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative						
				C.3.2	C.3.3	C.3.4	C.4.1	C.4.2	C.5	C.6
Sebastes mackonaldi	Mexican rockfish	Adults	26.1	96.7	100.0	100.0	85.4	0.0	--	28.8
Sebastes mackonaldi	Mexican rockfish	Juveniles	1.6	98.4	100.0	100.0	96.2	0.0	--	0.0
Sebastes mackonaldi	Mexican rockfish	Larvae	11.0	27.6	17.4	30.1	58.0	0.0	--	70.8
Sebastes maliger	Quillback rockfish	Adults	17.3	16.6	55.5	55.5	46.1	0.0	--	51.7
Sebastes maliger	Quillback rockfish	Juveniles	8.4	18.1	39.9	39.9	61.3	0.0	--	34.5
Sebastes melanops	Black rockfish	Adults	17.0	17.2	56.8	56.8	45.5	0.0	--	52.8
Sebastes melanops	Black rockfish	Juveniles	0.1	20.4	24.6	24.6	82.0	0.0	--	8.7
Sebastes melanostomus	Blackgill rockfish	Adults	30.3	58.0	100.0	100.0	30.7	0.1	--	17.8
Sebastes melanostomus	Blackgill rockfish	Juveniles	3.0	0.4	0.0	65.3	>0.1	0.0	--	60.8
Sebastes melanostomus	Blackgill rockfish	Larvae	5.0	1.2	5.8	41.2	0.9	0.0	--	76.5
Sebastes miniatus	Vermilion rockfish	Adults	34.0	47.0	100.0	100.0	30.3	0.0	--	66.0
Sebastes mystinus	Blue rockfish	Adults	19.7	22.9	60.3	60.3	47.5	0.0	--	55.6
Sebastes mystinus	Blue rockfish	Juveniles	30.6	39.1	100.0	100.0	10.8	0.0	--	97.3
Sebastes mystinus	Blue rockfish	Larvae	3.0	4.7	7.9	8.2	20.3	0.0	--	83.6
Sebastes nebulosus	China rockfish	Adults	33.8	39.3	100.0	100.0	12.4	0.0	--	97.8
Sebastes nebulosus	China rockfish	Juveniles	1.9	18.1	27.8	27.8	75.8	0.0	--	20.4
Sebastes nigrocinctus	Tiger rockfish	Adults	34.4	44.8	100.0	100.0	29.9	0.0	--	70.6
Sebastes ovalis	Speckled rockfish	Adults	33.0	74.3	100.0	100.0	59.2	0.0	--	47.8
Sebastes ovalis	Speckled rockfish	Juveniles	40.7	49.5	100.0	100.0	29.4	0.0	--	95.1
Sebastes paucispinis	Bocaccio	Adults	8.6	5.1	11.0	11.0	13.9	0.0	--	93.9
Sebastes paucispinis	Bocaccio	Juveniles	5.9	2.2	7.0	7.0	11.2	0.0	--	96.9
Sebastes paucispinis	Bocaccio	Larvae	5.4	4.4	7.8	9.7	12.1	0.0	--	94.8
Sebastes pinniger	Canary rockfish	Adults	40.5	29.2	100.0	100.0	12.1	0.0	--	98.9
Sebastes pinniger	Canary rockfish	Juveniles	37.0	31.9	100.0	100.0	12.2	0.0	--	99.3
Sebastes proriger	Redstripe rockfish	Adults	34.4	44.1	100.0	100.0	27.2	0.0	--	69.6
Sebastes rastrelliger	Grass rockfish	Adults	11.8	56.3	100.0	100.0	31.4	0.0	--	93.4
Sebastes rastrelliger	Grass rockfish	Juveniles	11.8	56.3	100.0	100.0	31.4	0.0	--	93.4
Sebastes reedi	Yellowmouth rockfish	Adults	35.4	1.5	100.0	100.0	>0.1	0.0	--	77.8
Sebastes reedi	Yellowmouth rockfish	Juveniles	7.5	0.1	5.2	39.7	4.0	0.0	--	94.7
Sebastes rosaceus	Rosy rockfish	Adults	32.0	48.2	100.0	100.0	32.0	0.0	--	71.8
Sebastes rosaceus	Rosy rockfish	Juveniles	32.4	55.6	100.0	100.0	24.5	0.0	--	88.2
Sebastes rosenblatti	Greenblotched rockfish	Adults	35.4	82.5	100.0	100.0	56.8	0.0	--	27.2
Sebastes ruberrimus	Yelloweye rockfish	Adults	34.2	42.3	100.0	100.0	27.4	0.0	--	69.2
Sebastes ruberrimus	Yelloweye rockfish	Juveniles	39.7	49.6	100.0	100.0	14.5	0.0	--	97.6
Sebastes rubrivinctus	Flag rockfish	Adults	44.2	38.0	100.0	100.0	17.8	0.0	--	97.4
Sebastes rubrivinctus	Flag rockfish	Juveniles	30.9	51.6	100.0	100.0	35.0	0.0	--	72.0
Sebastes rufus	Bank rockfish	Adults	38.2	74.5	100.0	100.0	41.8	0.0	--	19.6
Sebastes rufus	Bank rockfish	Juveniles	41.3	34.0	100.0	100.0	19.3	0.0	--	97.5
Sebastes saxicola	Stripetail rockfish	Adults	7.1	13.5	0.0	29.9	16.6	0.0	--	79.9
Sebastes saxicola	Stripetail rockfish	Juveniles	6.2	2.3	7.2	7.2	9.3	0.0	--	98.4
Sebastes serranoides	Olive rockfish	Adults	36.6	47.7	100.0	100.0	29.8	0.0	--	88.7
Sebastes serriceps	Treefish	Adults	26.5	52.1	100.0	100.0	35.5	0.0	--	89.8
Sebastes serriceps	Treefish	Juveniles	13.7	41.9	100.0	100.0	28.6	0.0	--	87.5
Sebastes umbosus	Honeycomb rockfish	Adults	48.9	86.5	100.0	100.0	62.5	0.0	--	92.4
Sebastes umbosus	Honeycomb rockfish	Juveniles	3.7	3.6	5.3	5.3	43.8	0.0	--	77.1
Sebastes variegatus	Harlequin rockfish	Adults	35.9	>0.1	100.0	100.0	>0.1	0.0	--	92.4
Sebastes zacentrus	Sharpchin rockfish	Adults	7.7	5.9	6.2	34.2	5.1	0.0	--	89.2
Sebastes zacentrus	Sharpchin rockfish	Juveniles	5.0	5.5	0.0	25.1	7.7	0.0	--	88.6
Sebastes zacentrus	Sharpchin rockfish	Larvae	49.8	59.9	8.1	98.3	38.3	13.7	--	3.4
Sebastolobus alascanus	Shortspine thornyhead	Adults	17.6	35.7	>0.1	77.4	26.5	0.0	--	28.5
Sebastolobus alascanus	Shortspine thornyhead	Juveniles	7.7	15.2	>0.1	54.0	13.5	0.0	--	53.8
Sebastolobus altivelis	Longspine thornyhead	Adults	20.4	45.6	0.0	99.6	31.7	0.0	--	6.8
Sebastolobus altivelis	Longspine thornyhead	Juveniles	16.6	47.5	0.0	99.7	34.9	0.0	--	0.0
Squalus acanthias	Spiny dogfish	Adults	6.2	11.4	0.2	43.5	15.8	0.0	--	58.0
Squalus acanthias	Spiny dogfish	Juveniles	4.7	5.7	0.3	17.6	16.2	0.0	--	85.6
Triakis semifasciata	Leopard shark	Adults	4.6	4.2	7.6	7.6	20.0	0.0	--	91.8
Triakis semifasciata	Leopard shark	Juveniles	0.0	>0.1	0.1	0.1	9.1	0.0	--	94.9

Habitat Table 4-15: Comparison of Habitat Protection for Single Species/Life Stages – 9 (updated since Draft EIS).

SpeciesSci	SpeciesCommon	Lifestage	Preferred Alternative	Percentage of Each Species' HSP Area by Minimize Impacts Alternative							
				C.7.1	C.8.1		C.9		C.10	C.11	C.12
				C.7.2	C.8.2	C.9	C.10	C.11	C.13	C.14	
Sebastes mackonaldi	Mexican rockfish	Adults	26.1	57.4	0.0	--	2.9	--	98.1		
Sebastes mackonaldi	Mexican rockfish	Juveniles	1.6	88.5	0.0	--	1.3	--	98.5		
Sebastes mackonaldi	Mexican rockfish	Larvae	11.0	48.6	0.0	--	23.5	--	80.1		
Sebastes maliger	Quillback rockfish	Adults	17.3	19.2	0.0	--	4.0	--	71.4		
Sebastes maliger	Quillback rockfish	Juveniles	8.4	10.5	0.0	--	2.9	--	78.1		
Sebastes melanops	Black rockfish	Adults	17.0	19.6	0.0	--	4.5	--	71.1		
Sebastes melanops	Black rockfish	Juveniles	0.1	1.5	0.0	--	1.3	--	89.3		
Sebastes melanostomus	Blackgill rockfish	Adults	30.3	75.0	0.1	--	31.2	--	84.7		
Sebastes melanostomus	Blackgill rockfish	Juveniles	3.0	>0.1	0.0	--	>0.1	--	10.6		
Sebastes melanostomus	Blackgill rockfish	Larvae	5.0	2.4	0.0	--	>0.1	--	19.1		
Sebastes miniatus	Vermilion rockfish	Adults	34.0	42.6	0.0	--	6.2	--	67.2		
Sebastes mystinus	Blue rockfish	Adults	19.7	19.2	0.0	--	4.6	--	72.9		
Sebastes mystinus	Blue rockfish	Juveniles	30.6	30.6	0.0	--	9.4	--	53.9		
Sebastes mystinus	Blue rockfish	Larvae	3.0	9.1	0.0	--	6.2	--	45.7		
Sebastes nebulosus	China rockfish	Adults	33.8	34.3	0.0	--	8.7	--	57.9		
Sebastes nebulosus	China rockfish	Juveniles	1.9	5.8	0.0	--	4.4	--	84.5		
Sebastes nigrocinctus	Tiger rockfish	Adults	34.4	43.7	0.0	--	3.2	--	66.4		
Sebastes ovalis	Speckled rockfish	Adults	33.0	48.2	0.0	--	10.1	--	85.8		
Sebastes ovalis	Speckled rockfish	Juveniles	40.7	27.6	0.0	--	16.5	--	66.2		
Sebastes paucispinis	Bocaccio	Adults	8.6	18.1	0.0	--	8.4	--	36.5		
Sebastes paucispinis	Bocaccio	Juveniles	5.9	13.9	0.0	--	8.2	--	36.6		
Sebastes paucispinis	Bocaccio	Larvae	5.4	14.0	0.0	--	7.3	--	36.9		
Sebastes pinniger	Canary rockfish	Adults	40.5	34.8	0.0	--	4.8	--	57.9		
Sebastes pinniger	Canary rockfish	Juveniles	37.0	33.5	0.0	--	5.7	--	56.9		
Sebastes proriger	Redstripe rockfish	Adults	34.4	39.3	0.0	--	6.1	--	65.0		
Sebastes rastrelliger	Grass rockfish	Adults	11.8	31.2	0.0	--	23.5	--	58.7		
Sebastes rastrelliger	Grass rockfish	Juveniles	11.8	31.2	0.0	--	23.5	--	58.7		
Sebastes reedi	Yellowmouth rockfish	Adults	35.4	37.6	0.0	--	0.0	--	41.7		
Sebastes reedi	Yellowmouth rockfish	Juveniles	7.5	14.3	0.0	--	0.0	--	22.8		
Sebastes rosaceus	Rosy rockfish	Adults	32.0	41.8	0.0	--	5.9	--	66.5		
Sebastes rosaceus	Rosy rockfish	Juveniles	32.4	24.6	0.0	--	9.7	--	60.1		
Sebastes rosenblatti	Greenblotched rockfish	Adults	35.4	72.4	0.0	--	22.8	--	94.4		
Sebastes ruberrimus	Yelloweye rockfish	Adults	34.2	41.8	0.0	--	3.0	--	65.2		
Sebastes ruberrimus	Yelloweye rockfish	Juveniles	39.7	20.1	0.0	--	5.7	--	57.8		
Sebastes rubrivinctus	Flag rockfish	Adults	44.2	30.3	0.0	--	7.3	--	75.5		
Sebastes rubrivinctus	Flag rockfish	Juveniles	30.9	41.7	0.0	--	7.6	--	76.4		
Sebastes rufus	Bank rockfish	Adults	38.2	82.5	0.0	--	34.8	--	91.1		
Sebastes rufus	Bank rockfish	Juveniles	41.3	35.7	0.0	--	8.5	--	67.6		
Sebastes saxicola	Stripetail rockfish	Adults	7.1	20.0	0.0	--	10.3	--	35.7		
Sebastes saxicola	Stripetail rockfish	Juveniles	6.2	12.9	0.0	--	7.1	--	34.9		
Sebastes serranoides	Olive rockfish	Adults	36.6	37.3	0.0	--	20.6	--	67.8		
Sebastes serripes	Treefish	Adults	26.5	40.3	0.0	--	28.8	--	62.3		
Sebastes serripes	Treefish	Juveniles	13.7	41.2	0.0	--	29.1	--	53.5		
Sebastes umbosus	Honeycomb rockfish	Adults	48.9	27.2	0.0	--	18.3	--	86.4		
Sebastes umbosus	Honeycomb rockfish	Juveniles	3.7	37.1	0.0	--	32.3	--	60.9		
Sebastes variegatus	Harlequin rockfish	Adults	35.9	45.5	0.0	--	0.0	--	43.9		
Sebastes zacentrus	Sharpchin rockfish	Adults	7.7	12.9	0.0	--	4.8	--	23.5		
Sebastes zacentrus	Sharpchin rockfish	Juveniles	5.0	11.4	0.0	--	5.2	--	27.6		
Sebastes zacentrus	Sharpchin rockfish	Larvae	49.8	25.0	13.7	--	13.5	--	66.6		
Sebastolobus alascanus	Shortspine thornyhead	Adults	17.6	22.4	0.0	--	12.2	--	47.3		
Sebastolobus alascanus	Shortspine thornyhead	Juveniles	7.7	20.0	0.0	--	10.7	--	32.6		
Sebastolobus altivelis	Longspine thornyhead	Adults	20.4	25.9	0.0	--	15.4	--	52.1		
Sebastolobus altivelis	Longspine thornyhead	Juveniles	16.6	25.4	0.0	--	16.2	--	54.1		
Squalus acanthias	Spiny dogfish	Adults	6.2	16.7	0.0	--	10.3	--	36.7		
Squalus acanthias	Spiny dogfish	Juveniles	4.7	13.8	0.0	--	7.4	--	38.3		
Triakis semifasciata	Leopard shark	Adults	4.6	18.8	0.0	--	14.6	--	48.5		
Triakis semifasciata	Leopard shark	Juveniles	0.0	>0.1	0.0	--	>0.1	--	71.2		

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 1 (updated since Draft EIS).

North of Point Conception					Percentage of Habitat Types Protected by Impacts Minimization Alternatives					
Habitat Description	Megahabitat	Indurati on	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative (%)	C.2.1 C.2.3 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	100	0	100
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	100	0	100
Sedimentary Apron	Continental Rise	soft		734,150	100	0	0	100	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	0	100	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	0	100	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	100	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	100	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	<1	0	100	0	0
Sedimentary Basin	Basin	soft		623,240	94	<1	<1	100	<1	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	43,397	62	7	1	100	<1	48
Rocky Slope Canyon Floor	Slope	hard	canyon floor	1,016	63	1	0	100	0	56
Rocky Slope	Slope	hard	exposure	46,270	27	55	26	100	1	15
Rocky Slope Gully	Slope	hard	gully	188	0	13	1	100	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	1	<1	100	0	82
Sedimentary Slope	Slope	soft		5,357,386	40	13	3	100	<1	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	499,545	63	1	<1	100	<1	<1
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	682,464	46	7	1	100	<1	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	2	<1	100	<1	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	4	2	100	<1	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	2	1	100	<1	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	1	<1	100	0	84
Sedimentary Ridge	Ridge	soft		984,938	79	1	<1	100	0	<1
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	4	3	100	2	2
Rocky Shelf	Shelf	hard	exposure	281,238	33	100	98	100	71	25
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	100	54	100	1	0
Sedimentary Shelf	Shelf	soft		4,658,465	4	100	95	100	64	<1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	29	3	100	2	<1
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	12,412	50	37	13	100	3	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	23	0	100	<1	<1

Note: The following Impacts Minimization Alternatives protect 0% of habitat north of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 2 (updated since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Impacts Minimization Alternatives				
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative (%)	C.3.2	C.3.3	C.3.4	C.4.1	C.4.2
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	100	100	100	100	100
Rocky Apron	Continental Rise	hard	exposure	135	100	100	100	100	100	100
Sedimentary Apron	Continental Rise	soft		734,150	100	100	0	100	81	100
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	0	0	79	85
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	100	0	100	83	100
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	100	0	100	100	100
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	100	0	100	100	100
Rocky Basin	Basin	hard	exposure	1,276	80	76	0	100	56	12
Sedimentary Basin	Basin	soft		623,240	94	90	0	100	48	11
Rocky Slope Canyon Wall	Slope	hard	canyon wall	43,397	62	48	100	100	36	28
Rocky Slope Canyon Floor	Slope	hard	canyon floor	1,016	63	56	100	100	51	3
Rocky Slope	Slope	hard	exposure	46,270	27	15	100	100	2	1
Rocky Slope Gully	Slope	hard	gully	188	0	0	100	100	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	82	100	100	47	55
Sedimentary Slope	Slope	soft		5,357,386	40	38	0	99	19	16
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	499,545	63	51	<1	100	27	37
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	682,464	46	30	0	100	17	14
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	50	0	100	23	43
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	70	0	100	32	41
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	67	0	100	40	30
Rocky Ridge	Ridge	hard	exposure	849,542	82	84	100	100	55	46
Sedimentary Ridge	Ridge	soft		984,938	79	77	<1	100	54	25
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	2	100	100	2	0
Rocky Shelf	Shelf	hard	exposure	281,238	33	25	100	100	5	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	0	100	100	0	0
Sedimentary Shelf	Shelf	soft		4,658,465	4	<1	<1	<1	5	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	<1	<1	<1	3	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	12,412	50	0	0	0	<1	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	<1	<1	<1	30	9

Note: The following Impacts Minimization Alternatives protect 0% of habitat north of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 3 (updated since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Impacts Minimization Alternatives				
						C.6	C.7.1 C.7.2	C.8.1 C.8.2	C.10	C.12, C.13, C.14
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative (%)					
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	100	100	0	100
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	100	0	100
Sedimentary Apron	Continental Rise	soft		734,150	100	0	4	100	1	100
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	44	85	2	93
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	45	100	13	100
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	35	100	0	100
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	9	100	8	100
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	12	0	75
Sedimentary Basin	Basin	soft		623,240	94	0	<1	11	0	89
Rocky Slope Canyon Wall	Slope	hard	canyon wall	43,397	62	1	112	28	20	95
Rocky Slope Canyon Floor	Slope	hard	canyon floor	1,016	63	0	99	3	0	100
Rocky Slope	Slope	hard	exposure	46,270	27	4	28	1	24	49
Rocky Slope Gully	Slope	hard	gully	188	0	<1	83	0	42	42
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	<1	<1	55	<1	90
Sedimentary Slope	Slope	soft		5,357,386	40	13	29	16	28	44
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	499,545	63	<1	45	37	19	63
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	682,464	46	1	50	14	20	50
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	2	24	43	24	49
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	1	97	41	92	59
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	2	18	30	18	73
Rocky Ridge	Ridge	hard	exposure	849,542	82	<1	105	46	33	95
Sedimentary Ridge	Ridge	soft		984,938	79	2	6	25	6	81
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	199	0	100	100
Rocky Shelf	Shelf	hard	exposure	281,238	33	100	36	0	9	51
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	100	69	0	0	52
Sedimentary Shelf	Shelf	soft		4,658,465	4	100	12	0	8	29
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	<1	103	0	3	3
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	12,412	50	<1	158	0	62	65
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	23	20	9	0	87

Note: The following Impacts Minimization Alternatives protect 0% of habitat north of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 4 (updated since Draft EIS).

South of Point Conception				Percentage of Habitat Types Protected by Impacts Minimization Alternatives						
				Total Habitat Area (ha)	Preferred Alternative (%)	C.2.1 C.2.3 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1
Habitat Description	Megahabitat	Indurati on	Meso/Macro Habitat							
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	100	0	0
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	100	0	0
Sedimentary Basin	Basin	soft		2,110,038	22	4	2	100	0	0
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	100	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	5	5	100	4	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	100	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	1	0	100	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	8	3	100	<1	100
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	34	14	100	0	100
Rocky Slope	Slope	hard	exposure	85,212	32	47	33	100	2	98
Rocky Slope Gully	Slope	hard	gully	2,654	0	12	4	100	0	100
Sedimentary Slope	Slope	soft		1,276,598	39	16	11	100	3	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	7	3	100	<1	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	26	14	100	1	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	39	24	100	2	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	40	21	100	2	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	10	3	100	0	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	11	10	100	6	100
Sedimentary Ridge	Ridge	soft		2,098,580	29	8	3	100	<1	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	100	100	100	44	3
Rocky Shelf	Shelf	hard	exposure	60,921	44	100	98	100	67	83
Sedimentary Shelf	Shelf	soft		632,017	7	100	99	100	78	1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	0	83	83	100	24	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	100	99	100	29	<1
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	100	93	100	27	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	20	19	100	6	<1

Note: The following Impacts Minimization Alternatives protect 0% of habitat south of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 5 (updated since Draft EIS).

South of Point Conception						Percentage of Habitat Types Protected by Impacts Minimization Alternatives				
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative (%)	C.3.2	C.3.3	C.3.4	C.4.1	C.4.2
Sedimentary Apron	Continental Rise	soft		959,070	100	100	0	100	95	100
Rocky Basin	Basin	hard	exposure	2,492	84	100	0	100	100	0
Sedimentary Basin	Basin	soft		2,110,038	22	98	0	100	87	1
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	100	0	100	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	100	0	100	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	46	0	100	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	100	0	100	14	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	100	100	100	99	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	100	100	100	100	0
Rocky Slope	Slope	hard	exposure	85,212	32	98	100	100	64	0
Rocky Slope Gully	Slope	hard	gully	2,654	0	100	100	100	74	0
Sedimentary Slope	Slope	soft		1,276,598	39	97	0	100	73	14
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	98	0	100	87	25
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	77	0	100	52	11
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	70	0	100	48	1
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	71	0	100	54	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	89	0	100	49	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	100	100	100	94	61
Sedimentary Ridge	Ridge	soft		2,098,580	29	100	0	100	99	9
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	3	100	100	3	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	83	100	100	59	0
Sedimentary Shelf	Shelf	soft		632,017	7	1	1	1	54	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	0	0	0	0	58	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	<1	<1	<1	84	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	0	0	0	99	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	<1	<1	<1	19	0

Note: The following Impacts Minimization Alternatives protect 0% of habitat south of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-16: Comparison of Habitat Protection by Substrate Type - Impacts Minimization Alternatives - 6 (updated since Draft EIS).

South of Point Conception						Percentage of Habitat Types Protected by Impacts Minimization Alternatives				
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative (%)	C.6	C.7.1 C.7.2	C.8.1 C.8.2	C.10	C.12, C.13, C.14
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	100	0	100
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	0	0	100
Sedimentary Basin	Basin	soft		2,110,038	22	0	23	1	0	98
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	0	0	100
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	0	0	0	0	100
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	0	0	70
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	0	0	0	0	100
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	0	13	0	0	99
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	0	0	0	0	100
Rocky Slope	Slope	hard	exposure	85,212	32	0	9	0	0	99
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	98	0	0	100
Sedimentary Slope	Slope	soft		1,276,598	39	<1	17	14	3	98
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	0	4	25	0	98
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	0	28	11	0	77
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	0	0	1	0	72
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	0	0	0	0	73
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	<1	0	0	0	76
Rocky Ridge	Ridge	hard	exposure	778,813	73	0	36	61	2	100
Sedimentary Ridge	Ridge	soft		2,098,580	29	0	25	9	<1	100
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0	3
Rocky Shelf	Shelf	hard	exposure	60,921	44	88	7	0	1	90
Sedimentary Shelf	Shelf	soft		632,017	7	79	11	0	1	73
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	0	0	0	0	0	64
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	0	0	0	85
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	8	0	0	0	100
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	13	4	0	0	98

Note: The following Impacts Minimization Alternatives protect 0% of habitat south of Point Conception and so are not included in the table above: C.1, C.5, C.9 and C.11.

Habitat Table 4-17: Comparison of Biogenic Areas - Impacts Minimization Alternatives – 1 (added since Draft EIS).

Biogenic Area Name	Total Biogenic Area (ha)	Preferred Alternative	Percentage of Each Biogenic Area Included by Impacts Minimization Alternatives				
			C.1	C.2.1 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed
Biogenic_1	123,323	100%	0%	0%	0%	100%	0%
Biogenic_2	23,396	100%	0%	0%	0%	100%	0%
Biogenic_3	20,539	100%	0%	0%	0%	100%	0%
Ridges_Biogenic_5	104,429	30%	0%	0%	0%	100%	0%
Biogenic_new_1	28,664	0%	0%	3%	0%	100%	0%
Biogenic_new_2	3,734	0%	0%	0%	0%	100%	0%
Biogenic_6	13,391	0%	0%	9%	0%	100%	0%
Biogenic_7	31,273	0%	0%	39%	0%	100%	0%
Biogenic_8	18,619	0%	0%	32%	0%	100%	0%
Biogenic_new_3	17,597	0%	0%	30%	0%	100%	0%
Ridges_biogenic_10	96,514	19%	0%	0%	0%	100%	0%
Crescent City deep_biogenic_11	21,240	83%	0%	0%	0%	100%	0%
Biogenic_12	18,833	16%	0%	23%	7%	100%	0%
Biogenic area_13	2,572	0%	0%	41%	11%	100%	0%

Habitat Table 4-17: Comparison of Biogenic Areas - Impacts Minimization Alternatives – 2 (added since Draft EIS).

Biogenic Area Name	Total Biogenic Area (ha)	Preferred Alternative	Percentage of Each Biogenic Area Included by Impacts Minimization Alternatives				
			C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
Biogenic_1	123,323	100%	0%	14%	0%	95%	0%
Biogenic_2	23,396	100%	0%	<1%	0%	100%	0%
Biogenic_3	20,539	100%	0%	<1%	0%	100%	<1%
Ridges_Biogenic_5	104,429	30%	2%	16%	15%	100%	4%
Biogenic_new_1	28,664	0%	0%	0%	2%	100%	0%
Biogenic_new_2	3,734	0%	0%	0%	0%	100%	0%
Biogenic_6	13,391	0%	0%	0%	0%	100%	0%
Biogenic_7	31,273	0%	0%	0%	<1%	100%	0%
Biogenic_8	18,619	0%	0%	0%	5%	100%	0%
Biogenic_new_3	17,597	0%	0%	0%	2%	100%	0%
Ridges_biogenic_10	96,514	19%	0%	1%	10%	100%	<1%
Crescent City deep_biogenic_11	21,240	83%	0%	<1%	0%	100%	<1%
Biogenic_12	18,833	16%	0%	2%	2%	97%	0%
Biogenic area_13	2,572	0%	0%	0%	4%	100%	0%

Habitat Table 4-17: Comparison of Biogenic Areas - Impacts Minimization Alternatives – 3 (added since Draft EIS).

Biogenic Area Name	Total Biogenic Area (ha)	Preferred Alternative	Percentage of Each Biogenic Area Included by Impacts Minimization Alternatives				
			C.4.2	C.5	C.6	C.7.1 C.7.2	C.8.1 C.8.2
Biogenic_1	123,323	100%	0%	0%	0%	0%	0%
Biogenic_2	23,396	100%	0%	0%	0%	27%	0%
Biogenic_3	20,539	100%	0%	0%	0%	0%	0%
Ridges_Biogenic_5	104,429	30%	0%	0%	0%	9%	0%
Biogenic_new_1	28,664	0%	0%	0%	4%	0%	0%
Biogenic_new_2	3,734	0%	0%	0%	0%	0%	0%
Biogenic_6	13,391	0%	0%	0%	32%	0%	0%
Biogenic_7	31,273	0%	0%	0%	49%	0%	0%
Biogenic_8	18,619	0%	0%	0%	37%	0%	0%
Biogenic_new_3	17,597	0%	0%	0%	35%	0%	0%
Ridges_biogenic_10	96,514	19%	0%	0%	0%	0%	0%
Crescent City deep_biogenic_11	21,240	83%	28%	0%	0%	0%	28%
Biogenic_12	18,833	16%	0%	0%	30%	0%	0%
Biogenic area_13	2,572	0%	0%	0%	15%	0%	0%

Habitat Table 4-17: Comparison of Biogenic Areas - Impacts Minimization Alternatives – 4 (added since Draft EIS).

Biogenic Area Name	Total Biogenic Area (ha)	Preferred Alternative	Percentage of Each Biogenic Area Included by Impacts Minimization Alternatives			
			C.9	C.10	C.11	C.12 C.13 C.14
			Biogenic_1	123,323	100%	0%
Biogenic_2	23,396	100%	0%	0%	0%	41%
Biogenic_3	20,539	100%	0%	0%	0%	44%
Ridges_Biogenic_5	104,429	30%	0%	0%	0%	75%
Biogenic_new_1	28,664	0%	0%	0%	0%	0%
Biogenic_new_2	3,734	0%	0%	0%	0%	0%
Biogenic_6	13,391	0%	0%	0%	0%	40%
Biogenic_7	31,273	0%	0%	0%	0%	50%
Biogenic_8	18,619	0%	0%	0%	0%	49%
Biogenic_new_3	17,597	0%	0%	0%	0%	0%
Ridges_biogenic_10	96,514	19%	0%	0%	0%	33%
Crescent City deep_biogenic_11	21,240	83%	0%	0%	0%	28%
Biogenic_12	18,833	16%	0%	0%	0%	100%
Biogenic area_13	2,572	0%	0%	100%	0%	100%

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Preferred Alternative – 1 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	100	0	0	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	30	0	0	0	0	0
Sedimentary Basin	Basin	soft		623,240	94	13	0	0	1	<1	<1
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	4	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	39	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	46,270	27	<1	16	0	0	0	0
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	<1	0	0	0	0
Sedimentary Slope	Slope	soft		5,315,155	40	<1	<1	<1	1	<1	<1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	1	0	0	1	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	1	0	0	7	<1	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	0	<1	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	4	0	0	0	0	0
Sedimentary Ridge	Ridge	soft		984,938	79	5	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	281,238	33	0	2	<1	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		4,703,232	4	0	<1	<1	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	0	7	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 2 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Outer Cordell Blunts Reef Bank	Inner Cordell Bank (within 50 fm isobath)	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	0	0	
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	100	0	
Sedimentary Apron	Continental Rise	soft		734,150	100	0	0	0	0	7	
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	0	0	0	16	
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	0	0	0	<1	
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	0	0	
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	0	0	3	
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	0	0	0	
Sedimentary Basin	Basin	soft		623,240	94	0	0	0	0	0	
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	0	0	0	0	0	
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	0	0	0	0	0	
Rocky Slope	Slope	hard	exposure	46,270	27	0	0	0	2	0	
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0	
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	0	0	0	0	
Sedimentary Slope	Slope	soft		5,315,155	40	0	<1	0	<1	0	
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	0	0	0	0	0	
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	0	0	0	0	0	
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	0	0	0	0	0	
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	0	0	0	0	<1	
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	0	0	0	0	0	
Rocky Ridge	Ridge	hard	exposure	849,542	82	0	0	0	<1	5	
Sedimentary Ridge	Ridge	soft		984,938	79	0	0	0	<1	<1	
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	0	0	0	0	
Rocky Shelf	Shelf	hard	exposure	281,238	33	1	<1	2	0	0	
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	0	0	0	0	0	
Sedimentary Shelf	Shelf	soft		4,703,232	4	<1	<1	<1	0	0	
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	0	0	0	0	
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	0	0	0	0	
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	0	0	0	

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 3 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Delgada Canyon	Eel River Canyon	Farallon Islands / Fanny Shoal	Grays Canyon	Half Moon Bay	Heceta Bank
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	100	0	5	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	8	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		623,240	94	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	0	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	46,270	27	0	0	0	0	0	0
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	0	0	0	0	0
Sedimentary Slope	Slope	soft		5,315,155	40	<1	<1	0	<1	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	<1	1	0	<1	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	<1	1	0	1	0	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	0	6	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	0	0	0	<1	0	0
Sedimentary Ridge	Ridge	soft		984,938	79	0	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	281,238	33	0	0	2	<1	2	13
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed fea	34,116	46	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		4,703,232	4	<1	<1	<1	<1	<1	<1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	<1	0	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 4 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_2	Point Arena Offshore
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	100	2	<1	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	7	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	4	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		623,240	94	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	0	10	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	46,270	27	0	6	0	0	0	0
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	<1	0	0	0	0
Sedimentary Slope	Slope	soft		5,315,155	40	<1	1	0	0	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	3	5	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	1	8	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	0	1	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	0	18	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	0	<1	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	9	0	0	0	0	0
Sedimentary Ridge	Ridge	soft		984,938	79	0	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	100	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	281,238	33		3	3	4	<1	1
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed fea	34,116	46	0	0	0	0	46	0
Sedimentary Shelf	Shelf	soft		4,703,232	4	<1	<1	<1	<1	1	<1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	<1	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	50	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	0	0	15	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 5 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Point Sur Deep	President Jackson Seamount	Rogue Canyon	Siletz Deepwater	Thompson Seamount	TNC/ED Area 1
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	100	0	0	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	0	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	<1	3	0	0
Sedimentary Basin	Basin	soft		623,240	94	0	0	<1	2	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	0	0	32	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	0	0	9	0	0	0
Rocky Slope	Slope	hard	exposure	46,270	27	<1	0	0	0	0	0
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	0	9	0	0	0
Sedimentary Slope	Slope	soft		5,315,155	40	<1	0	0	<1	0	<1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	0	0	1	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	0	0	3	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	<1	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	2	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	<1	0	4	0	0	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	<1	12	0	2	5	1
Sedimentary Ridge	Ridge	soft		984,938	79	0	0	0	2	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	281,238	33	0	0	0	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed fea	34,116	46	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		4,703,232	4	0	0	0	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 6 (added since Draft EIS).

North of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative				
						TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath	Preferred Alternative TOTAL
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath	
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	0	0	0	100	
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	0	0	
Sedimentary Apron	Continental Rise	soft		734,150	100	8	0	0	79	
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	20	0	0	48	
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	<1	0	0	96	
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	0	0	0	100	
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	96	0	0	1	
Rocky Basin	Basin	hard	exposure	1,276	80	0	0	0	47	
Sedimentary Basin	Basin	soft		623,240	94	0	0	0	78	
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	5	0	0	12	
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	0	0	0	15	
Rocky Slope	Slope	hard	exposure	46,270	27	<1	0	0	2	
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	0	0	0	67	
Sedimentary Slope	Slope	soft		5,315,155	40	9	1	0	25	
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	3	0	0	47	
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	5	0	0	19	
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	7	0	0	61	
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	24	6	0	28	
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	10	<1	0	48	
Rocky Ridge	Ridge	hard	exposure	849,542	82	13	0	0	31	
Sedimentary Ridge	Ridge	soft		984,938	79	4	0	0	68	
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	0	0	0	0	
Rocky Shelf	Shelf	hard	exposure	281,238	33	<1	0	<1	0	
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	0	0	0	0	
Sedimentary Shelf	Shelf	soft		4,703,232	4	<1	<1	<1	0	
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	0	0	0	0	
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	0	0	0	0	
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	0	0	0	64	

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 7 (added since Draft EIS).

South of Point Conception				Percentage of Habitat Types Protected by Areas Within the Preferred Alternative							
				Total Habitat Area (ha)	Preferred Alternative TOTAL	Anacapa Island SMCA	Anacapa Island SMR	Carrington Point	Catalina Island	Cherry Bank	Cowcod Conservati on Area East
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat								
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		2,110,038	22	<1	<1	0	1	<1	<1
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	0	36	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	0	0	0	8	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	0	24	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	0	0	0	86	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	0	0	0	23	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	0	0	0	100	0	0
Rocky Slope	Slope	hard	exposure	85,212	32	0	0	0	29	0	0
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	0	0	0	0	0
Sedimentary Slope	Slope	soft		1,276,598	39	<1	<1	0	3	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	0	0	0	<1	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	0	0	0	<1	0	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	0	0	0	3	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	0	0	0	4	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	0	0	0	<1	0	<1
Sedimentary Ridge	Ridge	soft		2,098,580	29	0	0	0	<1	2	2
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	1	2	0	41	0	0
Sedimentary Shelf	Shelf	soft		632,017	7	<1	<1	1	<1	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	<1	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	0	0	0	<1	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Silez Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 8 (added since Draft EIS).

South of Point Conception						Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
						Footprint	Gull Island	Harris Point	Hidden Reef / Kidney Bank	Judith Rock	Painted Cave
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL						
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		2,110,038	22	0	0	<1	1	0	0
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	0	0	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	0	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	85,212	32	0	<1	0	2	<1	0
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	0	0	0	0	0
Sedimentary Slope	Slope	soft		1,276,598	39	<1	<1	<1	2	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	0	0	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	0	5	0	2	0	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	<1	0	0	1	0	0
Sedimentary Ridge	Ridge	soft		2,098,580	29	0	0	0	1	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	0	0	0	<1	0	0
Sedimentary Shelf	Shelf	soft		632,017	7	<1	<1	1	<1	<1	<1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	<1	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	3	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	0	0	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Silez Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 9 (added since Draft EIS).

South of Point Conception				Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Potato Bank	Richardson Rock	Santa Barbara	Scorpion
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	0	0
Sedimentary Basin	Basin	soft		2,110,038	22	1	0	<1	<1
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	0	0	0	0
Rocky Slope	Slope	hard	exposure	85,212	32	0	0	<1	0
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	0	0	0
Sedimentary Slope	Slope	soft		1,276,598	39	<1	<1	<1	<1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	0	0	1	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	0	<1	0	0
Sedimentary Ridge	Ridge	soft		2,098,580	29	<1	0	<1	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	0	0	1	<1
Sedimentary Shelf	Shelf	soft		632,017	7	<1	2	<1	<1
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	<1	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	0	0	1	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Silez Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Areas within the Preferred Alternative – 10 (added since Draft EIS).

South of Point Conception				Percentage of Habitat Types Protected by Areas Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	Skunk Point	TNC/ED South Point Area 3	west of 700 fm isobath	
Sedimentary Apron	Continental Rise	soft		959,070	100	0	0	0	100
Rocky Basin	Basin	hard	exposure	2,492	84	0	0	0	84
Sedimentary Basin	Basin	soft		2,110,038	22	0	0	0	19
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	0	0	0	0
Rocky Slope	Slope	hard	exposure	85,212	32	0	1	0	<1
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	0	0	0
Sedimentary Slope	Slope	soft		1,276,598	39	0	<1	18	14
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	0	0	11	34
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	0	0	3	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	0	0	5	0
Sedimentary Ridge	Ridge	soft		2,098,580	29	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	0	0	0	0
Sedimentary Shelf	Shelf	soft		632,017	7	<1	<1	1	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	<1	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Silez Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Gear Restrictions within the Preferred Alternative – 1 (added since Draft EIS).

North of Point Conception				Percentage of Habitat Types Protected by Gear Restrictions Within the Preferred Alternative						
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	bottom trawl gear	bottom-contact gear	bottom-contact gear with buffer off bottom	no-take	specific gear types
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	100	100	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	100	0	0	100	0	0
Sedimentary Apron	Continental Rise	soft		734,150	100	93	0	7	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,833	98	83	0	16	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	100	100	0	<1	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	100	100	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	100	97	0	3	0	0
Rocky Basin	Basin	hard	exposure	1,276	80	80	0	0	0	0
Sedimentary Basin	Basin	soft		623,240	94	94	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	39,268	62	62	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	5,144	63	63	0	0	0	0
Rocky Slope	Slope	hard	exposure	46,270	27	27	0	0	0	0
Rocky Slope Gully	Slope	hard	gully	188	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	138,297	85	85	0	0	0	0
Sedimentary Slope	Slope	soft		5,315,155	40	40	0	0	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	507,495	63	63	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	674,514	46	46	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	395,774	75	75	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	33,514	79	79	0	<1	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	582,834	70	70	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	849,542	82	60	17	5	0	0
Sedimentary Ridge	Ridge	soft		984,938	79	79	0	<1	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,252	100	100	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	281,238	33	32	2	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	34,116	46	46	0	0	0	0
Sedimentary Shelf	Shelf	soft		4,703,232	4	4	<1	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	3,844	<1	<1	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	9,876	50	50	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	95,200	86	86	0	0	0	0

Habitat Table 4-18: Comparison of Habitat Protection by Substrate Type – Gear Restrictions within the Preferred Alternative – 2 (added since Draft EIS).

South of Point Conception					Percentage of Habitat Types Protected by Gear Restrictions Within the Preferred Alternative					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area (ha)	Preferred Alternative TOTAL	bottom trawl gear	bottom-contact gear	bottom-contact gear with buffer off bottom	no-take	specific gear types
Sedimentary Apron	Continental Rise	soft		959,070	100	100	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,492	84	84	0	0	0	0
Sedimentary Basin	Basin	soft		2,110,038	22	22	0	0	<1	0
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	580	36	36	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	1,881	8	8	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	813	24	24	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	495	86	86	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	6,579	23	23	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	100	100	0	0	0	0
Rocky Slope	Slope	hard	exposure	85,212	32	31	0	0	2	0
Rocky Slope Gully	Slope	hard	gully	2,654	0	0	0	0	0	0
Sedimentary Slope	Slope	soft		1,276,598	39	38	0	0	1	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	64,784	45	45	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	26,425	19	13	0	0	6	0
Sedimentary Slope Gully	Slope	soft	gully	39,358	5	5	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	3,794	4	4	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	39,335	3	3	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	778,813	73	73	0	0	<1	0
Sedimentary Ridge	Ridge	soft		2,098,580	29	29	0	0	<1	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	728	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	60,921	44	41	0	0	3	0
Sedimentary Shelf	Shelf	soft		632,017	7	1	0	0	6	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	765	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	1,561	3	0	0	0	3	0
Sedimentary Shelf Gully	Shelf	soft	gully	734	<1	<1	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	1,954	1	0	0	0	0	0

Habitat Table 4-19: Comparison of Rocky Habitat Protection – Areas within the Preferred Alternative – 1 (added since Draft EIS).

		Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative										
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	Anacapa	Anacapa	Astoria	Bandon	Biogenic	Biogenic_			Blunts Reef
				Island SMCA	Island SMR	Canyon	High Spot	Area 12	Biogenic_1	2	Biogenic_3	
North of Pt Conception	hard	1,402,289	69	0	0	2	1	<1	<1	0	<1	<1
South of Pt Conception	hard	938,041	67	<1	<1	0	0	0	0	6	0	0

		Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative										
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	Carrington	Catalina	Cherry	Outer	Inner	Cowcod	Daisy	Davidson	Deepwater
				Point	Island	Bank	Cordell	Bank (within 50 fm isobath)	Conservation Area East	Bank / Nelson Island	Seamount	off Coos Bay
North of Pt Conception	hard	1,402,289	69	0	<1	3	1	1	0	<1	0	<1
South of Pt Conception	hard	938,041	67	<1	0	0	0	0	<1	0	<1	0

		Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative										
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	Delgada	Eel River	Farallon	Grays	Half		Harris Point	Heceta Bank	
				Canyon	Canyon	Islands / Fanny Shoal	Canyon	Gull Island	Moon Bay			
North of Pt Conception	hard	1,402,289	69	3	0	0	5	2	1	1	1	<1
South of Pt Conception	hard	938,041	67	0	1	<1	0	0	0	0	0	0

Habitat Table 4-19: Comparison of Rocky Habitat Protection – Areas within the Preferred Alternative – 2 (added since Draft EIS).

				Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative								
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	Hidden Reef /	Mendocino		Monterey	Nehalem	Newport	Painted		Point
				Kidney Bank	Judith Rock	Ridge	Bay / Canyon	Bank / Shale Pile	Rockpile / Stonewall Bank	Olympic_2	Cave	Arena Offshore
North of Pt Conception	hard	1,402,289	69	<1	7	0	2	0	0	1	0	3
South of Pt Conception	hard	938,041	67	0	0	<1	0	<1	<1	0	<1	0

				Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative								
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	Point Sur	President		Richardson	Rogue	Santa	Siletz		Skunk
				Deep	Potato Bank	Jackson Seamount	Rock	Canyon	Barbara	Scorpion	Deepwater	Point
North of Pt Conception	hard	1,402,289	69	<1	8	0	<1	26	0	0	1	0
South of Pt Conception	hard	938,041	67	0	0	4	0	56	<1	<1	0	0

				Percentage of Rocky Habitat Protected by Areas Within the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	South	Thompson	TNC/ED Area	TNC/ED	TNC/ED	west of 700	
				Point	Seamount	1	Area 2	Area 3	Tolo Bank	fm isobath
North of Pt Conception	hard	1,402,289	69	0	3	<1	11	0	<1	26
South of Pt Conception	hard	938,041	67	<1	0	0	0	4	0	56

Habitat Table 4-19: Comparison of Rocky Habitat Protection – Gear Restrictions within the Preferred Alternative – 1 (added since Draft EIS).

			Percentage of Habitat Types Protected by Gear Restrictions Within the Preferred Alternative					
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Habitat Type Included in the Preferred Alternative	bottom trawl gear	bottom-contact gear	bottom-contact gear with buffer off bottom	no-take	specific gear types
North of Pt Conception	hard	1,402,289	69	56	10	3	0	0
South of Pt Conception	hard	938,041	67	67	0	0	<1	<1

Habitat Table 4-20: Comparison of Biogenic Habitat Protection – 1 (updated since Draft EIS).

Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Preferred Alternative	Percentage of Habitat Type Included Within Each Alternative								
				C.1	C.2.1 large ftrope	C.2.1 C.2.3 large ftrope	C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1	C.3.2	C.3.3
North of Pt Conception	estuary	549977	0	--	100	100	100	89	1	11	1	12
	kelp	16841	4	--	100	100	100	100	83	83	100	100
	seagrass	43224	0	--	100	100	100	100	14	93	19	100
South of Pt Conception	estuary	10760	0	--	100	100	100	100	0	40	0	43
	kelp	7280	6	--	100	100	100	100	93	93	100	100
	seagrass	6661	12	--	100	100	100	100	5	72	30	100

Habitat Table 4-20: Comparison of Biogenic Habitat Protection – 2 (updated since Draft EIS).

Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Preferred Alternative	Percentage of Habitat Type Included Within Each Alternative									
				C.4.1	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
North of Pt Conception	estuary	549977	0	63	0	--	24	0	0	--	0	--	87
	kelp	16841	4	37	0	--	100	3	0	--	34	--	69
	seagrass	43224	0	57	0	--	24	0	0	--	0	--	87
South of Pt Conception	estuary	10760	0	69	0	--	0	0	0	--	0	--	69
	kelp	7280	6	77	0	--	84	7	0	--	1	--	92
	seagrass	6661	12	68	0	--	30	0	0	--	0	--	96

Habitat Table 4-21: Comparison of Biogenic Habitat Protection – Preferred Alternative - 1 (added since Draft EIS).

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative									
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3	Blunts Reef
North of Pt Conception	estuary	549977	<1	0	0	0	0	0	0	0	0	0
	kelp	16841	4	0	0	0	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0	0
	kelp	7280	6	<1	<1	0	0	0	0	0	0	0
	seagrass	6661	12	4	7	0	0	0	0	0	0	0

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative									
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Carrington Point	Catalina Island	Cherry Bank	Cordell Bank	Cordell Bank (within 50 fm isobath)	Cowcod Conservat ion Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay
North of Pt Conception	estuary	549977	<1	0	0	0	0	0	0	0	0	0
	kelp	16841	4	0	0	0	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0	0
	kelp	7280	6	1	2	0	0	0	0	0	0	0
	seagrass	6661	12	0	0	0	0	0	0	0	0	0

Habitat Table 4-21: Comparison of Biogenic Habitat Protection – Preferred Alternative - 2 (added since Draft EIS).

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative										
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Farallon Islands /									
				Delgada Canyon	Eel River Canyon	Fanny Shoal	Footprint	Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	
North of Pt Conception	estuary	549977	<1	0	0	0	0	0	0	0	0	0	0
	kelp	16841	4	<1	0	0	0	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0	0	0
	kelp	7280	6	0	0	0	0	0	0	1	0	<1	0
	seagrass	6661	12	0	0	0	0	0	0	0	0	0	0

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative										
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Newport Rockpile /									
				Hidden Reef / Kidney Bank	Judith Rock	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Stonewall Bank	Olympic 2	Painted Cove	Point Arena Offshore	
North of Pt Conception	estuary	549977	<1	0	0	0	<1	0	0	0	0	0	0
	kelp	16841	4	0	0	<1	4	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0	0	0
	kelp	7280	6	0	1	0	0	0	0	0	0	<1	0
	seagrass	6661	12	0	0	0	0	0	0	0	0	0	0

Habitat Table 4-21: Comparison of Biogenic Habitat Protection – Preferred Alternative - 3 (added since Draft EIS).

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative								
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Point Sur Deep	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater
North of Pt Conception	estuary	549977	<1	0	0	0	0	0	0	0	0
	kelp	16841	4	0	0	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0
	kelp	7280	6	0	0	0	0	0	<1	<1	0
	seagrass	6661	12	0	0	0	0	0	0	0	0

			Percentage of Biogenic Habitat Protected by Areas Within the Preferred Alternative								
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	Skunk Point	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
North of Pt Conception	estuary	549977	<1	0	0	0	0	0	0	0	0
	kelp	16841	4	0	0	0	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0	0	0
	kelp	7280	6	<1	1	0	0	0	0	0	0
	seagrass	6661	12	0	0	0	0	0	0	0	0

Habitat Table 4-21: Comparison of Biogenic Habitat Protection – Preferred Alternative - 4 (added since Draft EIS).

			Percentage of Biogenic Habitat Protected by Gear Restrictions Within the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area (ha)	Total Percentage of Biogenic Habitat Included in the Preferred Alternative	bottom trawl gear	bottom-contact gear	bottom-contact gear with buffer off bottom	gear no-take	specific gear types	
North of Pt Conception	estuary	549977	<1	<1	0	0	0	0	0
	kelp	16841	4	4	0	0	0	0	0
	seagrass	43224	0	0	0	0	0	0	0
South of Pt Conception	estuary	10760	0	0	0	0	0	0	0
	kelp	7280	6	2	4	0	0	0	<1
	seagrass	6661	12	0	7	0	0	0	4

Habitat Table 4-22: Comparison of Habitat Protection by Sensitivity and Recovery Levels – 1 (updated since Draft EIS).

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative										
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Pref Alt	C.1	C.2.1 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
		67,078	58%	--	40%	40%	100%	36%	0%	0%	0%	0%	86%
1	0.5	5,415,220	6%	--	98%	93%	100%	64%	0%	0%	0%	0%	11%
1	1	3,083,518	45%	--	6%	2%	100%	0%	0%	93%	0%	100%	85%
1.3	0.4	513,719	0%	--	100%	100%	100%	88%	0%	4%	5%	5%	63%
1.5	1.5	13,519,417	51%	--	8%	3%	100%	0%	0%	66%	0%	100%	47%
1.5	2.75	3,768	83%	--	0%	0%	100%	0%	0%	92%	0%	100%	85%
1.7	1.7	1,628,355	78%	--	6%	5%	100%	3%	92%	92%	100%	100%	74%
1.7	2	376,588	37%	--	98%	93%	100%	63%	31%	31%	100%	100%	13%
2	2	85	0%	--	100%	100%	100%	100%	0%	0%	100%	100%	0%
2.2	4	34,356	6%	--	100%	100%	100%	100%	80%	80%	100%	100%	47%
2.75	2.75	325,952	58%	--	21%	13%	100%	1%	73%	73%	100%	100%	45%
2.9	4.05	39,627	0%	--	100%	100%	100%	100%	0%	97%	100%	100%	63%

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative										
Mean Sensitivity (yrs)	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.1	C.2.1 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
		67,078	58%	--	40%	40%	100%	36%	0%	0%	0%	0%	86%
0.75	0.2	513,719	0%	--	100%	100%	100%	88%	0%	4%	5%	5%	63%
0.75	0.4	5,415,220	6%	--	98%	93%	100%	64%	0%	0%	0%	0%	11%
0.75	0.75	3,083,518	45%	--	6%	2%	100%	0%	0%	93%	0%	100%	85%
1	1	1,822,791	100%	--	0%	0%	100%	0%	0%	100%	0%	100%	89%
1	1.5	11,696,626	43%	--	9%	3%	100%	0%	0%	61%	0%	100%	41%
1	2.75	3,768	83%	--	0%	0%	100%	0%	0%	92%	0%	100%	85%
1.5	1.5	85	0%	--	100%	100%	100%	100%	0%	0%	100%	100%	0%
1.5	3	39,627	0%	--	100%	100%	100%	100%	0%	97%	100%	100%	63%
2	3	34,356	6%	--	100%	100%	100%	100%	80%	80%	100%	100%	47%
2.5	1.5	376,588	37%	--	98%	93%	100%	63%	31%	31%	100%	100%	13%
2.5	2.5	1,628,355	78%	--	6%	5%	100%	3%	92%	92%	100%	100%	74%
2.75	2.75	325,952	58%	--	21%	13%	100%	1%	73%	73%	100%	100%	45%

Habitat Table 4-22: Comparison of Habitat Protection by Sensitivity and Recovery Levels – 2 (updated since Draft EIS).

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative									
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Pref Alt	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
		67,078	58%	43%	--	2%	21%	43%	--	9%	--	97%
1	0.5	5,415,220	6%	0%	--	95%	5%	0%	--	7%	--	35%
1	1	3,083,518	45%	14%	--	1%	17%	14%	--	2%	--	94%
1.3	0.4	513,719	0%	0%	--	23%	0%	0%	--	0%	--	86%
1.5	1.5	13,519,417	51%	27%	--	5%	8%	27%	--	15%	--	70%
1.5	2.75	3,768	83%	4%	--	0%	0%	4%	--	0%	--	92%
1.7	1.7	1,628,355	78%	53%	--	0%	54%	53%	--	18%	--	97%
1.7	2	376,588	37%	0%	--	96%	28%	0%	--	8%	--	58%
2	2	85	0%	0%	--	99%	0%	0%	--	0%	--	0%
2.2	4	34,356	6%	0%	--	96%	3%	0%	--	17%	--	78%
2.75	2.75	325,952	58%	28%	--	1%	17%	28%	--	6%	--	88%
2.9	4.05	39,627	0%	0%	--	5%	0%	0%	--	0%	--	90%

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
		67,078	58%	43%	--	2%	21%	43%	--	9%	--	97%
0.75	0.2	513,719	0%	0%	--	23%	0%	0%	--	0%	--	86%
0.75	0.4	5,415,220	6%	0%	--	95%	5%	0%	--	7%	--	35%
0.75	0.75	3,083,518	45%	14%	--	1%	17%	14%	--	2%	--	94%
1	1	1,822,791	100%	100%	--	0%	3%	100%	--	1%	--	100%
1	1.5	11,696,626	43%	15%	--	6%	9%	15%	--	17%	--	65%
1	2.75	3,768	83%	4%	--	0%	0%	4%	--	0%	--	92%
1.5	1.5	85	0%	0%	--	99%	0%	0%	--	0%	--	0%
1.5	3	39,627	0%	0%	--	5%	0%	0%	--	0%	--	90%
2	3	34,356	6%	0%	--	96%	3%	0%	--	17%	--	78%
2.5	1.5	376,588	37%	0%	--	96%	28%	0%	--	8%	--	58%
2.5	2.5	1,628,355	78%	53%	--	0%	54%	53%	--	18%	--	97%
2.75	2.75	325,952	58%	28%	--	1%	17%	28%	--	6%	--	88%

Habitat Table 4-22: Comparison of Habitat Protection by Sensitivity and Recovery Levels – 3 (updated since Draft EIS).

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative											
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.2.1		C.2.2		C.2.3		C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
				C.1	large ftrope	C.2.1 fixed	large ftrope	large ftrope	fixed					
		67,078	58%	--	40%	40%	100%	36%	0%	0%	0%	0%	86%	
0.25	0.25	513,719	0%	--	100%	100%	100%	88%	0%	4%	5%	5%	63%	
0.5	0.3	113,931	77%	--	26%	4%	100%	1%	0%	0%	0%	0%	27%	
0.65	0.65	1,822,791	100%	--	0%	0%	100%	0%	0%	100%	0%	100%	89%	
0.65	0.75	5,104,874	48%	--	4%	1%	100%	0%	0%	76%	0%	100%	56%	
0.65	1.5	3,768	83%	--	0%	0%	100%	0%	0%	92%	0%	100%	85%	
0.75	0.3	5,301,289	4%	--	99%	95%	100%	65%	0%	0%	0%	0%	11%	
0.75	0.75	6,591,838	40%	--	14%	5%	100%	1%	0%	50%	0%	100%	29%	
0.75	1.25	39,627	0%	--	100%	100%	100%	100%	0%	97%	100%	100%	63%	
1.2	1	376,588	37%	--	98%	93%	100%	63%	31%	31%	100%	100%	13%	
1.2	1.2	4,711,872	57%	--	6%	3%	100%	1%	32%	92%	35%	100%	81%	
1.5	1.5	360,309	53%	--	29%	21%	100%	10%	73%	73%	100%	100%	45%	
Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative											
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.2.1		C.2.2		C.2.3		C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
				C.1	large ftrope	C.2.1 fixed	large ftrope	large ftrope	fixed					
		67,078	58%	--	40%	40%	100%	36%	0%	0%	0%	0%	86%	
0.25	0.25	5,968,650	5%	--	98%	94%	100%	66%	0%	1%	1%	1%	16%	
0.3	0.05	336,494	35%	--	100%	98%	100%	70%	35%	35%	100%	100%	15%	
0.3	0.25	40,094	52%	--	87%	48%	100%	2%	0%	0%	100%	100%	0%	
0.3	0.3	4,711,872	57%	--	6%	3%	100%	1%	32%	92%	35%	100%	81%	
0.4	0.4	13,519,417	51%	--	8%	3%	100%	0%	0%	66%	0%	100%	47%	
0.4	0.75	3,768	83%	--	0%	0%	100%	0%	0%	92%	0%	100%	85%	
0.75	0.75	325,952	58%	--	21%	13%	100%	1%	73%	73%	100%	100%	45%	
0.8	0.8	34,356	6%	--	100%	100%	100%	100%	80%	80%	100%	100%	47%	

Habitat Table 4-22: Comparison of Habitat Protection by Sensitivity and Recovery Levels – 4 (updated since Draft EIS).

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
		67,078	58%	43%	--	2%	21%	43%	--	9%	--	97%
0.25	0.25	513,719	0%	0%	--	23%	0%	0%	--	0%	--	86%
0.5	0.3	113,931	77%	7%	--	20%	28%	7%	--	7%	--	84%
0.65	0.65	1,822,791	100%	100%	--	0%	3%	100%	--	1%	--	100%
0.65	0.75	5,104,874	48%	15%	--	1%	16%	15%	--	9%	--	80%
0.65	1.5	3,768	83%	4%	--	0%	0%	4%	--	0%	--	92%
0.75	0.3	5,301,289	4%	0%	--	97%	5%	0%	--	7%	--	34%
0.75	0.75	6,591,838	40%	15%	--	10%	4%	15%	--	23%	--	54%
0.75	1.25	39,627	0%	0%	--	5%	0%	0%	--	0%	--	90%
1.2	1	376,588	37%	0%	--	96%	28%	0%	--	8%	--	58%
1.2	1.2	4,711,872	57%	28%	--	0%	30%	28%	--	7%	--	95%
1.5	1.5	360,309	53%	25%	--	10%	16%	25%	--	7%	--	87%
Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
		67,078	58%	43%	--	2%	21%	43%	--	9%	--	97%
0.25	0.25	5,968,650	5%	0%	--	88%	5%	0%	--	7%	--	40%
0.3	0.05	336,494	35%	0%	--	97%	23%	0%	--	8%	--	58%
0.3	0.25	40,094	52%	0%	--	85%	72%	0%	--	13%	--	58%
0.3	0.3	4,711,872	57%	28%	--	0%	30%	28%	--	7%	--	95%
0.4	0.4	13,519,417	51%	27%	--	5%	8%	27%	--	15%	--	70%
0.4	0.75	3,768	83%	4%	--	0%	0%	4%	--	0%	--	92%
0.75	0.75	325,952	58%	28%	--	1%	17%	28%	--	6%	--	88%
0.8	0.8	34,356	6%	0%	--	96%	3%	0%	--	17%	--	78%

Habitat Table 4-22: Comparison of Habitat Protection by Sensitivity and Recovery Levels - 5 (updated since Draft EIS).

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.1	C.2.1 large ftrope	C.2.1 C.2.2 fixed	C.2.2 large ftrope	C.2.3 fixed	C.3.1	C.3.2	C.3.3	C.3.4	C.4.1
		67,078	58%	--	40%	40%	100%	36%	0%	0%	0%	0%	86%
0.1	0.1	5,415,220	6%	--	98%	93%	100%	64%	0%	0%	0%	0%	11%
0.2	0.2	1,822,791	100%	--	0%	0%	100%	0%	0%	100%	0%	100%	89%
0.2	0.4	5,104,874	48%	--	4%	1%	100%	0%	0%	76%	0%	100%	56%
0.2	0.75	3,768	83%	--	0%	0%	100%	0%	0%	92%	0%	100%	85%
0.25	0.25	553,430	0%	--	100%	100%	100%	89%	0%	11%	11%	11%	63%
0.3	0.25	376,588	37%	--	98%	93%	100%	63%	31%	31%	100%	100%	13%
0.3	0.3	4,711,872	57%	--	6%	3%	100%	1%	32%	92%	35%	100%	81%
0.4	0.4	6,591,753	40%	--	14%	5%	100%	1%	0%	50%	0%	100%	29%
0.75	0.75	325,952	58%	--	21%	13%	100%	1%	73%	73%	100%	100%	45%
0.8	0.8	34,356	6%	--	100%	100%	100%	100%	80%	80%	100%	100%	47%

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Pref Alt	C.4.2	C.5	C.6	C.7	C.8	C.9	C.10	C.11	C.12 C.13 C.14
		67,078	58%	43%	--	2%	21%	43%	--	9%	--	97%
0.1	0.1	5,415,220	6%	0%	--	95%	5%	0%	--	7%	--	35%
0.2	0.2	1,822,791	100%	100%	--	0%	3%	100%	--	1%	--	100%
0.2	0.4	5,104,874	48%	15%	--	1%	16%	15%	--	9%	--	80%
0.2	0.75	3,768	83%	4%	--	0%	0%	4%	--	0%	--	92%
0.25	0.25	553,430	0%	0%	--	22%	0%	0%	--	0%	--	86%
0.3	0.25	376,588	37%	0%	--	96%	28%	0%	--	8%	--	58%
0.3	0.3	4,711,872	57%	28%	--	0%	30%	28%	--	7%	--	95%
0.4	0.4	6,591,753	40%	15%	--	10%	4%	15%	--	23%	--	54%
0.75	0.75	325,952	58%	28%	--	1%	17%	28%	--	6%	--	88%
0.8	0.8	34,356	6%	0%	--	96%	3%	0%	--	17%	--	78%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 1 (added since Draft EIS)

Dredge				Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)		Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3	Blunts Reef	Carrington Point
1	0.5	5,415,220		<0.1%	<0.1%	0.0%	<0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%
1	1	3,083,518		0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.3	0.4	513,719		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	13,519,417		<0.1%	<0.1%	0.7%	<0.1%	0.1%	0.9%	0.2%	0.2%	0.0%	0.0%
1.5	2.75	3,768		0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7	1.7	1,628,355		0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7	2	376,588		0.1%	0.1%	0.0%	1.7%	0.1%	0.0%	0.0%	0.0%	0.6%	0.0%
2	2	85		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.2	4	34,356		0.9%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
2.75	2.75	325,952		0.0%	0.0%	0.6%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.9	4.05	39,627		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Bottom Trawl				Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity (yrs)	Mean Recovery	Total Area (ha)		Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3	Blunts Reef	Carrington Point
0.75	0.2	513,719		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.4	5,415,220		<0.1%	<0.1%	0.0%	<0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%
0.75	0.75	3,083,518		0.0%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	1	1,822,791		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	1.5	11,696,626		<0.1%	<0.1%	0.8%	<0.1%	0.1%	1.0%	0.2%	0.2%	0.0%	0.0%
1	2.75	3,768		0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	85		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	3	39,627		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3	34,356		0.9%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
2.5	1.5	376,588		0.1%	0.1%	0.0%	1.7%	0.1%	0.0%	0.0%	0.0%	0.6%	0.0%
2.5	2.5	1,628,355		0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.75	2.75	325,952		0.0%	0.0%	0.6%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 2 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area										
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3	Blunts Reef	Carrington Point	
0.25	0.25	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	113,931	0.0%	0.0%	0.0%	0.0%	0.0%	5.7%	0.0%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	5,104,874	<0.1%	<0.1%	1.8%	<0.1%	0.0%	1.2%	<0.1%	<0.1%	0.0%	0.0%	
0.65	1.5	3,768	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	5,301,289	<0.1%	<0.1%	0.0%	<0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	
0.75	0.75	6,591,838	<0.1%	<0.1%	<0.1%	0.1%	0.1%	0.9%	0.3%	0.3%	0.0%	0.0%	
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	376,588	0.1%	0.1%	0.0%	1.7%	0.1%	0.0%	0.0%	0.0%	0.6%	0.0%	
1.2	1.2	4,711,872	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	360,309	0.1%	0.1%	0.6%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area										
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3	Blunts Reef	Carrington Point	
0.25	0.25	5,968,650	<0.1%	<0.1%	0.0%	<0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%	
0.3	0.05	336,494	0.1%	0.2%	0.0%	1.9%	0.1%	0.0%	0.0%	0.0%	0.7%	0.0%	
0.3	0.25	40,094	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	4,711,872	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.4	0.4	13,519,417	<0.1%	<0.1%	0.7%	<0.1%	0.1%	0.9%	0.2%	0.2%	0.0%	0.0%	
0.4	0.75	3,768	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	325,952	0.0%	0.0%	0.6%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.8	0.8	34,356	0.9%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 3 (added since Draft EIS)

Hook and Line				Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area										
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)		Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3	Blunts Reef	Carrington Point	
0.1	0.1	5,415,220		<0.1%	<0.1%	0.0%	<0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%
0.2	0.2	1,822,791		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.2	0.4	5,104,874		<0.1%	<0.1%	1.8%	<0.1%	0.0%	1.2%	<0.1%	<0.1%	0.0%	0.0%	0.0%
0.2	0.75	3,768		0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25	0.25	553,430		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.25	376,588		0.1%	0.1%	0.0%	1.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%
0.3	0.3	4,711,872		0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.4	0.4	6,591,753		<0.1%	<0.1%	<0.1%	0.1%	0.1%	0.9%	0.3%	0.3%	0.0%	0.0%	0.0%
0.75	0.75	325,952		0.0%	0.0%	0.6%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.8	0.8	34,356		0.9%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%

Hook and Line				Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)		Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	Delgada Canyon	
0.1	0.1	5,415,220		<0.1%	0.0%	0.4%	<0.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.2	0.2	1,822,791		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	
0.2	0.4	5,104,874		0.4%	0.1%	0.0%	0.0%	<0.1%	0.0%	<0.1%	0.8%	<0.1%	
0.2	0.75	3,768		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	553,430		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	376,588		6.5%	0.0%	0.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	4,711,872		0.1%	1.1%	0.0%	0.0%	0.8%	<0.1%	1.0%	0.0%	0.0%	
0.4	0.4	6,591,753		0.6%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	<0.1%	<0.1%	
0.75	0.75	325,952		8.3%	0.0%	0.0%	0.0%	0.0%	0.3%	<0.1%	3.8%	0.0%	
0.8	0.8	34,356		0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 4 (added since Draft EIS)

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	Delgada Canyon	
1	0.5	5,415,220	<0.1%	0.0%	0.4%	<0.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	
1	1	3,083,518	0.2%	1.6%	0.0%	0.0%	1.2%	<0.1%	0.1%	0.0%	0.0%	
1.3	0.4	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	13,519,417	0.5%	<0.1%	0.1%	0.0%	<0.1%	<0.1%	0.4%	0.3%	<0.1%	
1.5	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,628,355	<0.1%	0.0%	0.0%	0.0%	<0.1%	0.1%	2.8%	0.0%	0.0%	
1.7	2	376,588	6.5%	0.0%	0.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	2	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	34,356	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
2.75	2.75	325,952	8.3%	0.0%	0.0%	0.0%	0.0%	0.3%	<0.1%	3.8%	0.0%	
2.9	4.05	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity (yrs)	Mean Recovery	Total Area (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	Delgada Canyon	
0.75	0.2	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	5,415,220	<0.1%	0.0%	0.4%	<0.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.75	0.75	3,083,518	0.2%	1.6%	0.0%	0.0%	1.2%	<0.1%	0.1%	0.0%	0.0%	
1	1	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	
1	1.5	11,696,626	0.5%	<0.1%	0.1%	0.0%	<0.1%	<0.1%	<0.1%	0.4%	<0.1%	
1	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	34,356	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
2.5	1.5	376,588	6.5%	0.0%	0.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.5	2.5	1,628,355	<0.1%	0.0%	0.0%	0.0%	<0.1%	0.1%	2.8%	0.0%	0.0%	
2.75	2.75	325,952	8.3%	0.0%	0.0%	0.0%	0.0%	0.3%	<0.1%	3.8%	0.0%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 5 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	Delgada Canyon	
0.25	0.25	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	113,931	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	
0.65	0.75	5,104,874	0.4%	0.1%	0.0%	0.0%	<0.1%	0.0%	<0.1%	0.8%	<0.1%	
0.65	1.5	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	5,301,289	<0.1%	0.0%	0.4%	<0.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.75	0.75	6,591,838	0.6%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	<0.1%	<0.1%	
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	376,588	6.5%	0.0%	0.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1.2	4,711,872	0.1%	1.1%	0.0%	0.0%	0.8%	<0.1%	1.0%	0.0%	0.0%	
1.5	1.5	360,309	7.6%	0.0%	0.0%	0.0%	0.0%	0.2%	<0.1%	3.4%	<0.1%	

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay	Delgada Canyon	
0.25	0.25	5,968,650	<0.1%	0.0%	0.4%	<0.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.3	0.05	336,494	7.3%	0.0%	0.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	40,094	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	4,711,872	0.1%	1.1%	0.0%	0.0%	0.8%	<0.1%	1.0%	0.0%	0.0%	
0.4	0.4	13,519,417	0.5%	<0.1%	0.1%	0.0%	<0.1%	<0.1%	0.4%	0.3%	<0.1%	
0.4	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	325,952	8.3%	0.0%	0.0%	0.0%	0.0%	0.3%	<0.1%	3.8%	0.0%	
0.8	0.8	34,356	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 6 (added since Draft EIS)

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Footprint	Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
1	0.5	5,415,220	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	0.1%	0.1%	<0.1%	
1	1	3,083,518	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	
1.3	0.4	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	13,519,417	0.6%	0.0%	<0.1%	0.1%	<0.1%	0.0%	<0.1%	0.0%	0.4%	
1.5	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,628,355	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	
1.7	2	376,588	0.0%	1.9%	0.0%	<0.1%	0.0%	1.6%	0.0%	9.8%	<0.1%	
2	2	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	34,356	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.0%	
2.75	2.75	325,952	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%	
2.9	4.05	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Footprint	Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
0.75	0.2	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	5,415,220	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	0.1%	0.1%	<0.1%	
0.75	0.75	3,083,518	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	
1	1	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	11,696,626	0.4%	0.0%	<0.1%	0.1%	0.1%	0.0%	<0.1%	0.0%	0.4%	
1	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	34,356	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.0%	
2.5	1.5	376,588	0.0%	1.9%	0.0%	<0.1%	0.0%	1.6%	0.0%	9.8%	<0.1%	
2.5	2.5	1,628,355	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	
2.75	2.75	325,952	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 7 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Farallon Islands /			Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
			Eel River Canyon	Fanny Shoal	Footprint							
0.25	0.25	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	113,931	0.0%	<0.1%	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	5,104,874	0.7%	0.0%	0.0%	0.2%	<0.1%	0.0%	0.1%	0.0%	0.4%	
0.65	1.5	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	5,301,289	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	0.2%	0.1%	<0.1%	
0.75	0.75	6,591,838	0.2%	0.0%	0.1%	<0.1%	0.1%	0.0%	<0.1%	0.0%	0.4%	
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	376,588	0.0%	1.9%	0.0%	<0.1%	0.0%	1.6%	0.0%	9.8%	<0.1%	
1.2	1.2	4,711,872	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	
1.5	1.5	360,309	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.4%	

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Farallon Islands /			Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
			Eel River Canyon	Fanny Shoal	Footprint							
0.25	0.25	5,968,650	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	0.1%	0.1%	<0.1%	
0.3	0.05	336,494	0.0%	2.1%	0.0%	<0.1%	0.0%	1.8%	0.0%	11.0%	<0.1%	
0.3	0.25	40,094	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	4,711,872	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	
0.4	0.4	13,519,417	0.6%	0.0%	<0.1%	0.1%	<0.1%	0.0%	<0.1%	0.0%	0.4%	
0.4	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	325,952	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%	
0.8	0.8	34,356	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.0%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 8 (added since Draft EIS)

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Farallon Islands /			Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
			Eel River Canyon	Fanny Shoal	Footprint							
0.1	0.1	5,415,220	<0.1%	0.1%	<0.1%	0.1%	<0.1%	0.1%	0.1%	0.1%	<0.1%	
0.2	0.2	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.2	0.4	5,104,874	0.7%	0.0%	0.0%	0.2%	<0.1%	0.0%	0.1%	0.0%	0.4%	
0.2	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	553,430	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	376,588	0.0%	1.9%	0.0%	<0.1%	0.0%	1.6%	0.0%	9.8%	<0.1%	
0.3	0.3	4,711,872	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	
0.4	0.4	6,591,753	0.2%	0.0%	0.1%	<0.1%	0.1%	0.0%	<0.1%	0.0%	0.4%	
0.75	0.75	325,952	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%	
0.8	0.8	34,356	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	<0.1%	0.0%	0.0%	

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area										
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Judith Rock	Monterey Bay /			Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank		Olympic_2	Painted Cave	Point Arena Offshore	Point Sur Deep
				Mendocino Ridge	Bay / Canyon			Stonewall Bank	Olympic_2				
0.1	0.1	5,415,220	<0.1%	0.3%	0.4%	0.2%	0.1%	0.7%	<0.1%	0.1%	0.0%		
0.2	0.2	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
0.2	0.4	5,104,874	0.0%	0.4%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%		
0.2	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
0.25	0.25	553,430	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
0.3	0.25	376,588	0.0%	0.0%	3.7%	2.0%	2.7%	4.2%	0.0%	0.5%	0.0%		
0.3	0.3	4,711,872	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%		
0.4	0.4	6,591,753	0.0%	<0.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%		
0.75	0.75	325,952	<0.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%		
0.8	0.8	34,356	0.2%	<0.1%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 9 (added since Draft EIS)

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Judith	Monterey	Nehalem	Newport	Olympic_	Painted	Point	Point	Point	
			Rock	o Ridge	Bay / Canyon	Bank / Shale Pile	Rockpile / Stonewall Bank	2	Cave	Arena Offshore	Sur Deep	
1	0.5	5,415,220	<0.1%	0.3%	0.4%	0.2%	0.1%	0.7%	<0.1%	0.1%	0.0%	
1	1	3,083,518	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.3	0.4	513,719	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	13,519,417	0.0%	0.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
1.5	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,628,355	0.0%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	
1.7	2	376,588	0.0%	0.0%	3.7%	2.0%	2.7%	4.2%	0.0%	0.5%	0.0%	
2	2	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	34,356	0.2%	<0.1%	2.1%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	
2.75	2.75	325,952	<0.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
2.9	4.05	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area									
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Judith	Monterey	Nehalem	Newport	Olympic_	Painted	Point	Point	Point	
			Rock	o Ridge	Bay / Canyon	Bank / Shale Pile	Rockpile / Stonewall Bank	2	Cave	Arena Offshore	Sur Deep	
0.75	0.2	513,719	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	5,415,220	<0.1%	0.3%	0.4%	0.2%	0.1%	0.7%	<0.1%	0.1%	0.0%	
0.75	0.75	3,083,518	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	11,696,626	0.0%	0.2%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	
1	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	34,356	0.2%	<0.1%	2.1%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	
2.5	1.5	376,588	0.0%	0.0%	3.7%	2.0%	2.7%	4.2%	0.0%	0.5%	0.0%	
2.5	2.5	1,628,355	0.0%	4.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	
2.75	2.75	325,952	<0.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 10 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area											
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Judith Rock		Monterey Bay / Mendocino Ridge		Nehalem Bank / Shale Pile		Newport Rockpile / Stonewall Bank		Olympic_2	Painted Cave	Point Arena Offshore	Point Sur Deep
			0.25	0.25	513,719	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.5	0.3	113,931	0.0%	0.0%	5.5%	0.0%	0.0%	0.0%	12.2%	0.0%	0.0%	0.0%	0.0%	0.0%
0.65	0.65	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.65	0.75	5,104,874	0.0%	0.4%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%
0.65	1.5	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.3	5,301,289	<0.1%	0.3%	0.3%	0.2%	0.1%	0.5%	<0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
0.75	0.75	6,591,838	0.0%	<0.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2	1	376,588	0.0%	0.0%	3.7%	2.0%	2.7%	4.2%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
1.2	1.2	4,711,872	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
1.5	1.5	360,309	<0.1%	<0.1%	2.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	<0.1%

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area											
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Judith Rock		Monterey Bay / Mendocino Ridge		Nehalem Bank / Shale Pile		Newport Rockpile / Stonewall Bank		Olympic_2	Painted Cave	Point Arena Offshore	Point Sur Deep
			0.25	0.25	5,968,650	<0.1%	0.3%	0.3%	0.2%	0.1%	0.7%	<0.1%	0.1%	0.0%
0.3	0.05	336,494	0.0%	0.0%	2.6%	2.2%	3.0%	0.1%	0.0%	0.5%	0.0%	0.0%	0.0%	
0.3	0.25	40,094	0.0%	0.0%	13.1%	0.0%	0.0%	39.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	4,711,872	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.4	0.4	13,519,417	0.0%	0.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.4	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	325,952	<0.1%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.8	0.8	34,356	0.2%	<0.1%	2.1%	0.0%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 11 (added since Draft EIS)

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area							
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point
1	0.5	5,415,220	<0.1%	0.0%	0.3%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
1	1	3,083,518	0.3%	0.0%	0.0%	0.0%	0.3%	0.0%	0.8%	0.0%
1.3	0.4	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	13,519,417	0.1%	0.0%	<0.1%	0.4%	<0.1%	<0.1%	0.1%	0.0%
1.5	2.75	3,768	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.1%	0.0%
1.7	1.7	1,628,355	0.0%	6.1%	0.1%	0.0%	0.0%	0.0%	1.2%	0.0%
1.7	2	376,588	0.0%	0.0%	0.0%	0.0%	0.1%	<0.1%	0.0%	0.0%
2	2	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.2	4	34,356	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
2.75	2.75	325,952	0.0%	0.0%	0.0%	8.1%	<0.1%	0.0%	0.0%	0.0%
2.9	4.05	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area							
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point
0.75	0.2	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.4	5,415,220	<0.1%	0.0%	0.3%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
0.75	0.75	3,083,518	0.3%	0.0%	0.0%	0.0%	0.3%	0.0%	0.8%	0.0%
1	1	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1	1.5	11,696,626	0.2%	0.0%	<0.1%	0.4%	<0.1%	<0.1%	0.1%	0.0%
1	2.75	3,768	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.1%	0.0%
1.5	1.5	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	3	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3	34,356	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
2.5	1.5	376,588	0.0%	0.0%	0.0%	0.0%	0.1%	<0.1%	0.0%	0.0%
2.5	2.5	1,628,355	0.0%	6.1%	0.1%	0.0%	0.0%	0.0%	1.2%	0.0%
2.75	2.75	325,952	0.0%	0.0%	0.0%	8.1%	<0.1%	0.0%	0.0%	0.0%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 12 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area							
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point
0.25	0.25	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.5	0.3	113,931	0.0%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.65	0.75	5,104,874	0.3%	0.0%	0.0%	0.9%	<0.1%	<0.1%	0.2%	0.0%
0.65	1.5	3,768	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.1%	0.0%
0.75	0.3	5,301,289	<0.1%	0.0%	0.3%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
0.75	0.75	6,591,838	<0.1%	0.0%	<0.1%	0.0%	<0.1%	<0.1%	<0.1%	0.0%
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2	1	376,588	0.0%	0.0%	0.0%	0.0%	0.1%	<0.1%	0.0%	0.0%
1.2	1.2	4,711,872	0.2%	2.1%	<0.1%	0.0%	0.2%	0.0%	0.9%	0.0%
1.5	1.5	360,309	0.0%	0.0%	0.0%	7.3%	<0.1%	<0.1%	0.0%	<0.1%

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area							
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point
0.25	0.25	5,968,650	<0.1%	0.0%	0.3%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
0.3	0.05	336,494	0.0%	0.0%	0.0%	0.0%	0.1%	<0.1%	0.0%	0.0%
0.3	0.25	40,094	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.3	4,711,872	0.2%	2.1%	<0.1%	0.0%	0.2%	0.0%	0.9%	0.0%
0.4	0.4	13,519,417	0.1%	0.0%	<0.1%	0.4%	<0.1%	<0.1%	0.1%	0.0%
0.4	0.75	3,768	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.1%	0.0%
0.75	0.75	325,952	0.0%	0.0%	0.0%	8.1%	<0.1%	0.0%	0.0%	0.0%
0.8	0.8	34,356	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	<0.1%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 13 (added since Draft EIS)

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area							
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	Potato Bank	President Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point
0.1	0.1	5,415,220	<0.1%	0.0%	0.3%	0.0%	<0.1%	<0.1%	0.0%	<0.1%
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.2	0.4	5,104,874	0.3%	0.0%	0.0%	0.9%	<0.1%	<0.1%	0.2%	0.0%
0.2	0.75	3,768	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.1%	0.0%
0.25	0.25	553,430	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.25	376,588	0.0%	0.0%	0.0%	0.0%	0.1%	<0.1%	0.0%	0.0%
0.3	0.3	4,711,872	0.2%	2.1%	<0.1%	0.0%	0.2%	0.0%	0.9%	0.0%
0.4	0.4	6,591,753	<0.1%	0.0%	<0.1%	0.0%	<0.1%	<0.1%	<0.1%	0.0%
0.75	0.75	325,952	0.0%	0.0%	0.0%	8.1%	<0.1%	0.0%	0.0%	0.0%
0.8	0.8	34,356	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	<0.1%

Hook and Line			Percentage of Area of Each Sensitivity/Recovery Combination Included Within						
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
0.1	0.1	5,415,220	<0.1%	0.0%	0.0%	<0.1%	0.3%	0.1%	1.1%
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%
0.2	0.4	5,104,874	0.0%	0.0%	0.0%	2.8%	0.2%	0.0%	35.3%
0.2	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
0.25	0.25	553,430	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.25	376,588	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%
0.3	0.3	4,711,872	0.0%	0.9%	0.1%	3.2%	0.8%	0.0%	41.4%
0.4	0.4	6,591,753	<0.1%	0.0%	0.3%	7.7%	4.0%	0.0%	22.8%
0.75	0.75	325,952	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	30.9%
0.8	0.8	34,356	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 14 (added since Draft EIS)

Dredge			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area						
			South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
Mean Sensitivity	Mean Recovery (years)	Total Area (ha)							
1	0.5	5,415,220	<0.1%	0.0%	0.0%	<0.1%	0.3%	0.1%	1.1%
1	1	3,083,518	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	37.7%
1.3	0.4	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	13,519,417	<0.1%	0.0%	0.2%	5.5%	2.0%	0.0%	36.5%
1.5	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
1.7	1.7	1,628,355	0.0%	2.6%	0.3%	6.8%	2.3%	0.0%	48.3%
1.7	2	376,588	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%
2	2	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.2	4	34,356	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.75	2.75	325,952	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	30.9%
2.9	4.05	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Bottom Trawl			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area						
			South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)							
0.75	0.2	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.4	5,415,220	<0.1%	0.0%	0.0%	<0.1%	0.3%	0.1%	1.1%
0.75	0.75	3,083,518	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	37.7%
1	1	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%
1	1.5	11,696,626	<0.1%	0.0%	0.2%	5.6%	2.3%	0.0%	28.3%
1	2.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
1.5	1.5	85	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	3	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3	34,356	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.5	1.5	376,588	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%
2.5	2.5	1,628,355	0.0%	2.6%	0.3%	6.8%	2.3%	0.0%	48.3%
2.75	2.75	325,952	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	30.9%

Table 4-23: Comparison of Habitat Protection by Sensitivity and Recovery Levels by Area Name – 15 (added since Draft EIS)

Net			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area						
			South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)							
0.25	0.25	513,719	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.5	0.3	113,931	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	53.8%
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%
0.65	0.75	5,104,874	0.0%	0.0%	0.0%	2.8%	0.2%	0.0%	35.3%
0.65	1.5	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
0.75	0.3	5,301,289	<0.1%	0.0%	0.0%	<0.1%	0.3%	0.1%	0.0%
0.75	0.75	6,591,838	<0.1%	0.0%	0.3%	7.7%	4.0%	0.0%	22.8%
0.75	1.25	39,627	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2	1	376,588	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%
1.2	1.2	4,711,872	0.0%	0.9%	0.1%	3.2%	0.8%	0.0%	41.4%
1.5	1.5	360,309	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	28.0%

Pot/Trap			Percentage of Area of Each Sensitivity/Recovery Combination Included Within Each Area						
			South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
Mean Sensitivity	Mean Recovery (yrs)	Total Area (ha)							
0.25	0.25	5,968,650	<0.1%	0.0%	0.0%	<0.1%	0.3%	0.1%	1.0%
0.3	0.05	336,494	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%
0.3	0.25	40,094	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.3	4,711,872	0.0%	0.9%	0.1%	3.2%	0.8%	0.0%	41.4%
0.4	0.4	13,519,417	<0.1%	0.0%	0.2%	5.5%	2.0%	0.0%	36.5%
0.4	0.75	3,768	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
0.75	0.75	325,952	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	30.9%
0.8	0.8	34,356	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 1 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	Anacapa										
			Anacapa Island SMCA	Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3	Blunts Reef	Carrington Point	
1	0.5	302,986	0.4%	0.6%	0.0%	0.2%	6.0%	2.1%	0.0%	0.0%	1.2%	1.1%	
1	1	1,399,147	0.0%	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.3	0.4	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	2.75	3,125	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,267,040	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	2	140,165	0.2%	0.4%	0.0%	4.4%	0.2%	0.0%	0.0%	0.0%	1.6%	0.0%	
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.75	2.75	189,176	0.0%	0.0%	1.1%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Anacapa										
			Anacapa Island SMCA	Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3	Blunts Reef	Carrington Point	
0.75	0.2	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	302,986	0.4%	0.6%	0.0%	0.2%	6.0%	2.1%	0.0%	0.0%	1.2%	1.1%	
0.75	0.75	1,399,147	0.0%	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	5,088,026	<0.1%	<0.1%	1.9%	0.1%	0.1%	2.3%	0.5%	0.4%	0.0%	0.0%	
1	2.75	3,125	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	1,934	15.3%	25.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	
2.5	1.5	140,165	0.2%	0.4%	0.0%	4.4%	0.2%	0.0%	0.0%	0.0%	1.6%	0.0%	
2.5	2.5	1,267,040	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.75	2.75	189,176	0.0%	0.0%	1.1%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 2 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3	Blunts Reef	Carrington Point	
0.25	0.25	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	87,998	0.0%	0.0%	0.0%	0.0%	0.0%	7.4%	0.0%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	2,457,584	<0.1%	<0.1%	3.8%	<0.1%	0.0%	2.4%	<0.1%	<0.1%	0.0%	0.0%	
0.65	1.5	3,125	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	214,988	0.6%	0.8%	0.0%	0.3%	8.5%	0.0%	0.0%	0.0%	1.6%	1.5%	
0.75	0.75	2,630,442	<0.1%	<0.1%	0.1%	0.1%	0.3%	2.2%	0.9%	0.8%	0.0%	0.0%	
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	140,165	0.2%	0.4%	0.0%	4.4%	0.2%	0.0%	0.0%	0.0%	1.6%	0.0%	
1.2	1.2	2,666,187	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	191,110	0.2%	0.3%	1.1%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic_1	Biogenic_2	Biogenic_3	Blunts Reef	Carrington Point	
0.25	0.25	313,882	0.4%	0.6%	0.0%	0.2%	6.0%	2.1%	0.0%	0.0%	1.2%	1.1%	
0.3	0.05	119,593	0.2%	0.5%	0.0%	5.2%	0.3%	0.0%	0.0%	0.0%	1.9%	0.0%	
0.3	0.25	20,879	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.4	0.4	6,898,606	<0.1%	<0.1%	1.4%	0.1%	0.1%	1.7%	0.3%	0.3%	0.0%	0.0%	
0.4	0.75	3,125	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	189,172	0.0%	0.0%	1.1%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.8	0.8	1,942	15.3%	25.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 3 (added since Draft EIS).

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Anacapa										
			Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic 1	Biogenic 2	Biogenic 3	Blunts Reef	Carrington Point	
0.1	0.1	313,870	0.4%	0.6%	0.0%	0.2%	6.0%	2.1%	0.0%	0.0%	1.2%	1.1%	
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.2	0.4	2,457,353	<0.1%	<0.1%	3.8%	<0.1%	0.0%	2.4%	<0.1%	<0.1%	0.0%	0.0%	
0.2	0.75	3,125	0.0%	0.0%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	140,472	0.2%	0.4%	0.0%	4.4%	0.2%	0.0%	0.0%	0.0%	1.6%	0.0%	
0.3	0.3	2,666,175	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.4	0.4	2,618,462	<0.1%	<0.1%	0.1%	0.1%	0.3%	2.2%	0.9%	0.8%	0.0%	0.0%	
0.75	0.75	189,172	0.0%	0.0%	1.1%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.8	0.8	1,942	15.3%	25.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative										
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Inner Cordell Bank										
			Catalina Island	Cherry Bank	Outer Cordell Bank	(within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Deepwater Davidson Seamount	off Coos Bay	Delgada Canyon		
0.1	0.1	313,870	0.1%	0.0%	7.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	
0.2	0.4	2,457,353	0.8%	0.2%	0.0%	0.0%	<0.1%	0.0%	<0.1%	1.7%	0.1%	0.0%	
0.2	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	140,472	17.5%	0.0%	0.6%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.2%	1.9%	0.0%	0.0%	1.4%	0.1%	1.8%	0.0%	0.0%	0.0%	
0.4	0.4	2,618,462	1.5%	0.0%	0.6%	0.0%	0.0%	0.1%	0.0%	0.1%	<0.1%	0.0%	
0.75	0.75	189,172	14.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	6.6%	0.0%	0.0%	
0.8	0.8	1,942	7.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 4 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater Bay	Coos Bay	Delgada Canyon
1	0.5	302,986	0.1%	0.0%	7.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
1	1	1,399,147	0.4%	3.6%	0.0%	0.0%	2.6%	0.1%	0.2%	0.0%	0.0%	0.0%
1.3	0.4	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.7	1.7	1,267,040	<0.1%	0.0%	0.0%	0.0%	<0.1%	0.1%	3.6%	0.0%	0.0%	0.0%
1.7	2	140,165	0.0%	0.0%	0.6%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.75	2.75	189,176	14.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	6.6%	0.0%	0.0%
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater Bay	Coos Bay	Delgada Canyon
0.75	0.2	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.4	302,986	0.1%	0.0%	7.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
0.75	0.75	1,399,147	0.4%	3.6%	0.0%	0.0%	2.6%	0.1%	0.2%	0.0%	0.0%	0.0%
1	1	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%
1	1.5	5,088,026	1.2%	0.1%	0.3%	0.0%	<0.1%	0.1%	<0.1%	0.9%	<0.1%	<0.1%
1	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3	1,934	7.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%
2.5	1.5	140,165	17.5%	0.0%	0.6%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.5	2.5	1,267,040	<0.1%	0.0%	0.0%	0.0%	<0.1%	0.1%	3.6%	0.0%	0.0%	0.0%
2.75	2.75	189,176	14.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	6.6%	0.0%	0.0%

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 5 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater Bay	Coos Bay	Delgada Canyon
			0.25	0.25	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.5	0.3	87,998	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%
0.65	0.75	2,457,584	0.8%	0.2%	0.0%	0.0%	<0.1%	0.0%	<0.1%	1.7%	0.1%	0.1%
0.65	1.5	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.3	214,988	0.1%	0.0%	10.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%
0.75	0.75	2,630,442	1.5%	0.0%	0.6%	0.0%	0.0%	0.1%	0.0%	0.1%	<0.1%	<0.1%
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2	1	140,165	17.5%	0.0%	0.6%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.2	1.2	2,666,187	0.2%	1.9%	0.0%	0.0%	1.4%	0.1%	1.8%	0.0%	0.0%	0.0%
1.5	1.5	191,110	14.2%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	6.5%	<0.1%	<0.1%

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Catalina Island	Cherry Bank	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Cowcod Conservation Area East	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater Bay	Coos Bay	Delgada Canyon
			0.25	0.25	313,882	0.1%	0.0%	7.1%	0.8%	0.0%	0.0%	0.0%
0.3	0.05	119,593	20.6%	0.0%	0.7%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.25	20,879	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.3	2,666,175	0.2%	1.9%	0.0%	0.0%	1.4%	0.1%	1.8%	0.0%	0.0%	0.0%
0.4	0.4	6,898,606	0.9%	0.1%	0.2%	0.0%	<0.1%	0.1%	0.7%	0.6%	<0.1%	<0.1%
0.4	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.75	189,172	14.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	6.6%	0.0%	0.0%
0.8	0.8	1,942	7.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 6 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Grays Footprint Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank		
1	0.5	302,986	0.1%	2.4%	0.3%	1.4%	0.7%	2.3%	2.7%	1.7%	0.1%	
1	1	1,399,147	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
1.3	0.4	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,267,040	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
1.7	2	140,165	0.0%	5.0%	0.0%	<0.1%	0.0%	4.2%	0.0%	26.4%	0.1%	
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.75	2.75	189,176	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.7%	
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Grays Footprint Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank		
0.75	0.2	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	302,986	0.1%	2.4%	0.3%	1.4%	0.7%	2.3%	2.7%	1.7%	0.1%	
0.75	0.75	1,399,147	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
1	1	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	5,088,026	1.0%	0.0%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	1.0%	
1	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	1,934	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.7%	0.0%	0.0%	
2.5	1.5	140,165	0.0%	5.0%	0.0%	<0.1%	0.0%	4.2%	0.0%	26.4%	0.1%	
2.5	2.5	1,267,040	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
2.75	2.75	189,176	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.7%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 7 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Grays Footprint	Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
0.25	0.25	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	87,998	0.0%	<0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	2,457,584	1.5%	0.0%	0.0%	0.4%	0.1%	0.0%	0.2%	0.0%	0.9%	
0.65	1.5	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	214,988	0.2%	3.4%	0.4%	2.0%	0.9%	3.2%	3.8%	2.4%	0.1%	
0.75	0.75	2,630,442	0.5%	0.0%	0.2%	0.1%	0.2%	0.0%	<0.1%	0.0%	1.1%	
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	140,165	0.0%	5.0%	0.0%	<0.1%	0.0%	4.2%	0.0%	26.4%	0.1%	
1.2	1.2	2,666,187	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
1.5	1.5	191,110	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	<0.1%	0.0%	0.7%	

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Eel River Canyon	Farallon Islands / Fanny Shoal	Grays Footprint	Grays Canyon	Gull Island	Half Moon Bay	Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
0.25	0.25	313,882	0.1%	2.4%	0.3%	1.4%	0.7%	2.3%	2.7%	1.7%	0.1%	
0.3	0.05	119,593	0.0%	5.9%	0.0%	<0.1%	0.0%	5.0%	0.0%	31.0%	0.1%	
0.3	0.25	20,879	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
0.4	0.4	6,898,606	1.2%	0.0%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.7%	
0.4	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	189,172	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.7%	
0.8	0.8	1,942	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.7%	0.0%	0.0%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 8 (added since Draft EIS).

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Farallon Islands /			Gull Island	Half Moon Bay		Harris Point	Heceta Bank	Hidden Reef / Kidney Bank	
			Eel River Canyon	Fanny Shoal	Footprint Canyon		Grays Canyon	Grays Canyon			Kidney Bank	
0.1	0.1	313,870	0.1%	2.4%	0.3%	1.4%	0.7%	2.3%	2.7%	1.7%	0.1%	
0.2	0.2	1,822,791	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.2	0.4	2,457,353	1.5%	0.0%	0.0%	0.4%	0.1%	0.0%	0.2%	0.0%	0.9%	
0.2	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	140,472	0.0%	5.0%	0.0%	<0.1%	0.0%	4.2%	0.0%	26.4%	0.1%	
0.3	0.3	2,666,175	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	
0.4	0.4	2,618,462	0.5%	0.0%	0.2%	0.1%	0.2%	0.0%	<0.1%	0.0%	1.1%	
0.75	0.75	189,172	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.7%	
0.8	0.8	1,942	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.7%	0.0%	0.0%	

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Monterey Bay /			Newport Rockpile /		Painted Cave	Point Arena / Point Sur			
			Judith Rock	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Rockpile / Stonewall Bank		Olympic_2	Point Arena Offshore	Point Sur Deep	
0.1	0.1	313,870	0.4%	5.2%	6.6%	4.1%	2.3%	12.8%	0.1%	2.3%	0.0%	
0.2	0.2	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.2	0.4	2,457,353	0.0%	0.9%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.2	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.25	0.25	12	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	140,472	0.0%	0.0%	9.9%	5.3%	7.2%	11.4%	0.0%	1.3%	0.0%	
0.3	0.3	2,666,175	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.4	0.4	2,618,462	0.0%	0.1%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	
0.75	0.75	189,172	<0.1%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.8	0.8	1,942	3.0%	<0.1%	37.6%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 9 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	Judith Rock	Mendocin o Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_ 2	Painted Cave	Point Arena Offshore	Point Sur Deep	
1	0.5	302,986	0.4%	5.2%	6.6%	4.1%	2.3%	12.8%	0.1%	2.3%	0.0%	
1	1	1,399,147	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.3	0.4	<1	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.7	1.7	1,267,040	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	
1.7	2	140,165	0.0%	0.0%	9.9%	5.3%	7.2%	11.4%	0.0%	1.3%	0.0%	
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.75	2.75	189,176	<0.1%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Judith Rock	Mendocin o Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_ 2	Painted Cave	Point Arena Offshore	Point Sur Deep	
0.75	0.2	<1	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	302,986	0.4%	5.2%	6.6%	4.1%	2.3%	12.8%	0.1%	2.3%	0.0%	
0.75	0.75	1,399,147	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	5,088,026	0.0%	0.5%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	
1	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	1,934	3.0%	<0.1%	37.6%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	
2.5	1.5	140,165	0.0%	0.0%	9.9%	5.3%	7.2%	11.4%	0.0%	1.3%	0.0%	
2.5	2.5	1,267,040	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	
2.75	2.75	189,176	<0.1%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 10 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Judith Rock	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_2	Painted Cave	Point Arena Offshore	Point Sur Deep	
0.25	0.25	<1	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	87,998	0.0%	0.0%	7.1%	0.0%	0.0%	15.8%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	0.0%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	2,457,584	0.0%	0.9%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.65	1.5	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.3	214,988	0.5%	7.4%	6.4%	5.8%	3.3%	11.6%	0.2%	3.3%	0.0%	
0.75	0.75	2,630,442	0.0%	0.1%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	140,165	0.0%	0.0%	9.9%	5.3%	7.2%	11.4%	0.0%	1.3%	0.0%	
1.2	1.2	2,666,187	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
1.5	1.5	191,110	<0.1%	<0.1%	4.0%	0.0%	0.0%	0.0%	<0.1%	0.0%	<0.1%	

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative									
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Judith Rock	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_2	Painted Cave	Point Arena Offshore	Point Sur Deep	
0.25	0.25	313,882	0.4%	5.2%	6.6%	4.1%	2.3%	12.8%	0.1%	2.3%	0.0%	
0.3	0.05	119,593	0.0%	0.0%	7.3%	6.3%	8.5%	0.3%	0.0%	1.5%	0.0%	
0.3	0.25	20,879	0.0%	0.0%	25.1%	0.0%	0.0%	74.9%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.0%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
0.4	0.4	6,898,606	0.0%	0.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	
0.4	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.75	189,172	<0.1%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	<0.1%	
0.8	0.8	1,942	3.0%	<0.1%	37.6%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 11 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative								
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	Potato Bank	President Jackson Seamount	Richards on Rock	Rogue Canyon	Santa Barbara	Scorpion r	Siletz Deepwater	Skunk Point	
1	0.5	302,986	0.1%	0.0%	5.1%	0.0%	0.2%	0.3%	0.0%	0.1%	
1	1	1,399,147	0.6%	0.0%	0.0%	0.0%	0.7%	0.0%	1.7%	0.0%	
1.3	0.4	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	2.75	3,125	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.3%	0.0%	
1.7	1.7	1,267,040	0.0%	7.8%	0.1%	0.0%	0.0%	0.0%	1.5%	0.0%	
1.7	2	140,165	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2.75	2.75	189,176	0.0%	0.0%	0.0%	13.9%	0.1%	0.0%	0.0%	0.0%	
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative								
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Potato Bank	President Jackson Seamount	Richards on Rock	Rogue Canyon	Santa Barbara	Scorpion r	Siletz Deepwater	Skunk Point	
0.75	0.2	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.75	0.4	302,986	0.1%	0.0%	5.1%	0.0%	0.2%	0.3%	0.0%	0.1%	
0.75	0.75	1,399,147	0.6%	0.0%	0.0%	0.0%	0.7%	0.0%	1.7%	0.0%	
1	1	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1	1.5	5,088,026	0.4%	0.0%	<0.1%	0.9%	0.1%	0.1%	0.2%	0.0%	
1	2.75	3,125	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.3%	0.0%	
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
2	3	1,934	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	0.3%	
2.5	1.5	140,165	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	
2.5	2.5	1,267,040	0.0%	7.8%	0.1%	0.0%	0.0%	0.0%	1.5%	0.0%	
2.75	2.75	189,176	0.0%	0.0%	0.0%	13.9%	0.1%	0.0%	0.0%	0.0%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 12 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative								
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Potato Bank	President Jackson Seamount	Richards on Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point	
0.25	0.25	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	87,998	0.0%	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	0.0%	
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.65	0.75	2,457,584	0.7%	0.0%	0.0%	2.0%	0.1%	0.1%	0.4%	0.0%	
0.65	1.5	3,125	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.3%	0.0%	
0.75	0.3	214,988	0.2%	0.0%	7.2%	0.0%	0.3%	0.4%	0.0%	0.1%	
0.75	0.75	2,630,442	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%	<0.1%	0.0%	
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	140,165	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	
1.2	1.2	2,666,187	0.3%	3.7%	<0.1%	0.0%	0.4%	0.0%	1.6%	0.0%	
1.5	1.5	191,110	0.0%	0.0%	0.0%	13.8%	0.1%	<0.1%	0.0%	<0.1%	

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative								
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Potato Bank	President Jackson Seamount	Richards on Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point	
0.25	0.25	313,882	0.1%	0.0%	5.1%	0.0%	0.2%	0.3%	0.0%	0.1%	
0.3	0.05	119,593	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	
0.3	0.25	20,879	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.3%	3.7%	<0.1%	0.0%	0.4%	0.0%	1.6%	0.0%	
0.4	0.4	6,898,606	0.3%	0.0%	<0.1%	0.7%	0.1%	0.1%	0.2%	0.0%	
0.4	0.75	3,125	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.3%	0.0%	
0.75	0.75	189,172	0.0%	0.0%	0.0%	13.9%	0.1%	0.0%	0.0%	0.0%	
0.8	0.8	1,942	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	0.3%	

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 13 (added since Draft EIS).

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative								
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	Potato Bank	President Jackson Seamount	Richards on Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater	Skunk Point	
0.1	0.1	313,870	0.1%	0.0%	5.1%	0.0%	0.2%	0.3%	0.0%	0.1%	
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.2	0.4	2,457,353	0.7%	0.0%	0.0%	2.0%	0.1%	0.1%	0.4%	0.0%	
0.2	0.75	3,125	0.0%	0.0%	0.0%	<0.1%	0.0%	0.0%	1.3%	0.0%	
0.25	0.25	12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.25	140,472	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	
0.3	0.3	2,666,175	0.3%	3.7%	<0.1%	0.0%	0.4%	0.0%	1.6%	0.0%	
0.4	0.4	2,618,462	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%	<0.1%	0.0%	
0.75	0.75	189,172	0.0%	0.0%	0.0%	13.9%	0.1%	0.0%	0.0%	0.0%	
0.8	0.8	1,942	0.0%	0.0%	0.0%	0.0%	<0.1%	<0.1%	0.0%	0.3%	

Hook and Line			Percentage of Sensitivity and Recovery Area within the Total Included in						
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
0.1	0.1	313,870	0.6%	0.0%	0.0%	0.2%	5.4%	1.8%	20.2%
0.2	0.2	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%
0.2	0.4	2,457,353	0.0%	0.0%	0.0%	5.8%	0.4%	0.0%	73.3%
0.2	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%
0.25	0.25	12	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.3	0.25	140,472	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%
0.3	0.3	2,666,175	0.0%	1.6%	0.2%	5.6%	1.4%	0.0%	73.1%
0.4	0.4	2,618,462	<0.1%	0.0%	0.9%	19.3%	10.0%	0.0%	57.2%
0.75	0.75	189,172	0.4%	0.0%	0.0%	1.3%	0.0%	0.0%	53.2%
0.8	0.8	1,942	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 14 (added since Draft EIS).

Dredge			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative						
Mean Sensitivity	Mean Recovery (years)	Total Area within Preferred Alternative (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
1	0.5	302,986	0.6%	0.0%	0.0%	0.2%	5.4%	1.8%	20.2%
1	1	1,399,147	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	83.1%
1.3	0.4	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	1.5	6,910,816	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%
1.7	1.7	1,267,040	0.0%	3.4%	0.4%	8.7%	2.9%	0.0%	62.0%
1.7	2	140,165	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%
2	2	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.2	4	1,934	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.75	2.75	189,176	0.4%	0.0%	0.0%	1.3%	0.0%	0.0%	53.2%
2.9	4.05	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Bottom Trawl			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative						
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
0.75	0.2	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.75	0.4	302,986	0.6%	0.0%	0.0%	0.2%	5.4%	1.8%	20.2%
0.75	0.75	1,399,147	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	83.1%
1	1	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%
1	1.5	5,088,026	<0.1%	0.0%	0.4%	12.8%	5.4%	0.0%	65.0%
1	2.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%
1.5	1.5	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.5	3	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	3	1,934	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.5	1.5	140,165	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%
2.5	2.5	1,267,040	0.0%	3.4%	0.4%	8.7%	2.9%	0.0%	62.0%
2.75	2.75	189,176	0.4%	0.0%	0.0%	1.3%	0.0%	0.0%	53.2%

Table 4-24: Preferred Alternative Sensitivity and Recovery by Area – 15 (added since Draft EIS).

Net			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative							
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath	
0.25	0.25	<1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.5	0.3	87,998	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	69.6%	
0.65	0.65	1,822,791	0.0%	0.0%	0.0%	5.5%	0.0%	0.0%	89.1%	
0.65	0.75	2,457,584	0.0%	0.0%	0.0%	5.8%	0.4%	0.0%	73.3%	
0.65	1.5	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%	
0.75	0.3	214,988	0.9%	0.0%	0.0%	0.3%	7.7%	2.5%	0.0%	
0.75	0.75	2,630,442	<0.1%	0.0%	0.9%	19.3%	10.0%	0.0%	57.2%	
0.75	1.25	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
1.2	1	140,165	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%	
1.2	1.2	2,666,187	0.0%	1.6%	0.2%	5.6%	1.4%	0.0%	73.1%	
1.5	1.5	191,110	0.4%	0.0%	0.0%	1.2%	0.0%	0.0%	52.7%	

Pot/Trap			Percentage of Sensitivity and Recovery Area within the Total Included in the Preferred Alternative							
Mean Sensitivity	Mean Recovery (yrs)	Total Area within Preferred Alternative (ha)	South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath	
0.25	0.25	313,882	0.6%	0.0%	0.0%	0.2%	5.4%	1.8%	20.2%	
0.3	0.05	119,593	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%	
0.3	0.25	20,879	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
0.3	0.3	2,666,175	0.0%	1.6%	0.2%	5.6%	1.4%	0.0%	73.1%	
0.4	0.4	6,898,606	<0.1%	0.0%	0.3%	10.8%	4.0%	0.0%	71.3%	
0.4	0.75	3,125	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%	
0.75	0.75	189,172	0.4%	0.0%	0.0%	1.3%	0.0%	0.0%	53.2%	
0.8	0.8	1,942	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Table 4-25: Preferred Alternative Habitat Types by Area (added since Draft EIS).

North of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Biogenic _1	Biogenic _2	Biogenic _3
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	0	0	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	0	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,020	37	0	0	0	0	0
Sedimentary Basin	Basin	soft		588,480	14	0	0	1	<1	<1
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	6	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	62	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	12,605	<1	59	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	<1	0	0	0	0
Sedimentary Slope	Slope	soft		2,126,593	<1	<1	<1	3	1	1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	2	0	0	2	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	2	0	0	15	<1	0
Sedimentary Slope Gully	Slope	soft	gully	295,701	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	0	<1	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	696,723	4	0	0	0	0	0
Sedimentary Ridge	Ridge	soft		780,427	6	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	0	7	<1	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		169,002	0	<1	11	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	0	8	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

North of Point Conception				Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area						
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Blunts Reef	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)	Daisy Bank / Nelson Island	Davidson Seamount	Deepwater off Coos Bay
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0	100	0
Sedimentary Apron	Continental Rise	soft		734,150	0	0	0	0	7	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	0	0	0	0	16	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	0	0	0	0	<1	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	0	0	0	0	3	0
Rocky Basin	Basin	hard	exposure	1,020	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		588,480	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	0	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	12,605	0	0	0	7	0	2
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	0	0	0	0	10
Sedimentary Slope	Slope	soft		2,126,593	0	1	0	<1	0	<1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	0	0	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	0	0	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	295,701	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	0	0	0	0	<1	0
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	0	0	0	0	0	11
Rocky Ridge	Ridge	hard	exposure	696,723	0	0	0	<1	7	0
Sedimentary Ridge	Ridge	soft		780,427	0	0	0	<1	<1	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	2	1	5	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		169,002	2	13	1	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

North of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area					
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Delgada Canyon	Eel River Canyon	Farallon Islands /		Half Moon Bay	Heceta Bank
							Fanny Shoal	Grays Canyon		
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	0	5	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	0	8	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,020	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		588,480	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	0	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	12,605	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	0	0	0	0	0
Sedimentary Slope	Slope	soft		2,126,593	<1	1	0	<1	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	<1	2	0	<1	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	<1	2	0	3	0	0
Sedimentary Slope Gully	Slope	soft	gully	295,701	0	8	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	696,723	0	0	0	0	0	0
Sedimentary Ridge	Ridge	soft		780,427	0	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	0	0	7	<1	6	40
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		169,002	1	<1	4	2	4	3
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	<1	0	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

North of Point Conception				Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area						
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Mendocino Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_2	Point Arena Offshore
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	2	<1	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	7	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	0	4	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,020	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		588,480	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	0	16	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	12,605	0	21	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	<1	0	0	0	0
Sedimentary Slope	Slope	soft		2,126,593	<1	3	0	0	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	5	8	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	3	18	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	295,701	0	2	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	0	23	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	0	1	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	696,723	11	0	0	0	0	0
Sedimentary Ridge	Ridge	soft		780,427	0	0	0	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	100	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	0	10	8	11	<1	2
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0	100	0
Sedimentary Shelf	Shelf	soft		169,002	9	8	7	4	15	4
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	100	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	100	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	0	0	17	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

North of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area						
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Point Sur Deep	President Jackson Seamount	Rogue Canyon	Siletz Deepwater	Thompson Seamount	TNC/ED Area 1	
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	0	0	0	0
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	0	0	0	0	0	0	0
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	0	0	0	0	0	0	0
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	0	0	0	0	0	0	0
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	0	0	0	0
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	0	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	1,020	0	0	<1	4	0	0	0
Sedimentary Basin	Basin	soft		588,480	0	0	<1	2	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	0	0	51	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	0	0	14	0	0	0	0
Rocky Slope	Slope	hard	exposure	12,605	<1	0	0	0	0	0	0
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	0	11	0	0	0	0
Sedimentary Slope	Slope	soft		2,126,593	1	0	0	<1	0	1	1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	0	0	2	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	0	0	6	0	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	295,701	<1	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	3	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	<1	0	6	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	696,723	<1	14	0	3	6	1	1
Sedimentary Ridge	Ridge	soft		780,427	0	0	0	3	0	0	0
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	0	0	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	0	0	0	0	0	0	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		169,002	0	0	0	0	0	0	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	0	0	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

North of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area			
					Total Habitat Area within Preferred Alt (ha)	TNC/ED Area 2	TNC/ED Area 3	west of 700 Tolo Bank fm isobath
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat					
Rocky Apron Canyon Wall	Continental Rise	hard	canyon wall	1,562	0	0	0	100
Rocky Apron	Continental Rise	hard	exposure	135	0	0	0	0
Sedimentary Apron	Continental Rise	soft		734,150	8	0	0	79
Sedimentary Apron Canyon Floor	Continental Rise	soft	canyon floor	33,318	20	0	0	48
Sedimentary Apron Canyon Wall	Continental Rise	soft	canyon	90,400	<1	0	0	96
Sedimentary Apron Gully	Continental Rise	soft	gully	222	0	0	0	100
Sedimentary Apron Landslide	Continental Rise	soft	landslide	38,949	96	0	0	1
Rocky Basin	Basin	hard	exposure	1,020	0	0	0	59
Sedimentary Basin	Basin	soft		588,480	0	0	0	83
Rocky Slope Canyon Wall	Slope	hard	canyon wall	27,064	8	0	0	19
Rocky Slope Canyon Floor	Slope	hard	canyon floor	639	0	0	0	24
Rocky Slope	Slope	hard	exposure	12,605	1	0	0	8
Rocky Slope Landslide	Slope	hard	landslide	117,398	0	0	0	79
Sedimentary Slope	Slope	soft		2,126,593	24	1	0	62
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	314,730	6	0	0	74
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	316,732	11	0	0	40
Sedimentary Slope Gully	Slope	soft	gully	295,701	9	0	0	81
Sedimentary Slope Gully Floor	Slope	soft	gully floor	26,332	30	8	0	35
Sedimentary Slope Landslide	Slope	soft	landslide	405,773	14	<1	0	69
Rocky Ridge	Ridge	hard	exposure	696,723	16	0	0	38
Sedimentary Ridge	Ridge	soft		780,427	5	0	0	86
Rocky Shelf Canyon Wall	Shelf	hard	canyon wall	5,251	0	0	0	0
Rocky Shelf	Shelf	hard	exposure	93,642	1	0	<1	0
Rocky Glacial Shelf Deposit	Shelf	hard	ice-formed feature	15,630	0	0	0	0
Sedimentary Shelf	Shelf	soft		169,002	<1	5	3	0
Sedimentary Shelf Canyon Floor	Shelf	soft	canyon floor	7	0	0	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	6,251	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	81,656	0	0	0	75

Note: The following ecologically important areas protect 0% of habitat north of Point Conception and so are not included in the table above: Anacapa Island SMCA, Anacapa Island SMR, Carrington Point, Catalina Island, Cherry Bank, Cowcod Conservation Area East, Footprint, Gull Island, Harris Point, Hidden Reef/Kidney Bank, Judith Rock, Painted Cave, Potato Bank, Richardson Rock, Santa Barbara, Scorpion, Skunk Point and South Point.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

South of Point Conception				Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area						
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Anacapa Island SMCA	Anacapa Island SMR	Carrington Point	Catalina Island	Cherry Bank	Cowcod Conservation Area East
Sedimentary Apron	Continental Rise	soft		959,070	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,104	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		471,317	<1	<1	0	4	1	<1
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	207	0	0	0	100	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	146	0	0	0	100	0	0
Sedimentary Basin Gully	Basin	soft	gully	198	0	0	0	100	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	423	0	0	0	100	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	1,501	0	0	0	100	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	0	0	0	100	0	0
Rocky Slope	Slope	hard	exposure	27,632	0	0	0	90	0	0
Sedimentary Slope	Slope	soft		503,848	<1	<1	0	8	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	29,092	0	0	0	1	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	4,967	0	0	0	<1	0	0
Sedimentary Slope Gully	Slope	soft	gully	2,116	0	0	0	55	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	155	0	0	0	100	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	1,217	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	570,317	0	0	0	<1	0	<1
Sedimentary Ridge	Ridge	soft		618,720	0	0	0	1	8	6
Rocky Shelf	Shelf	hard	exposure	26,978	2	4	0	92	0	0
Sedimentary Shelf	Shelf	soft		46,584	3	4	7	<1	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	54	0	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	2	0	0	0	100	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	29	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall Bank, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Siletz Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

South of Point Conception				Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area							
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Footprint	Gull Island	Harris Point	Hidden Reef / Kidney Bank	Judith Rock	Painted Cave	
Sedimentary Apron	Continental Rise	soft		959,070	0	0	0	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,104	0	0	0	0	0	0	0
Sedimentary Basin	Basin	soft		471,317	0	0	1	5	0	0	0
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	207	0	0	0	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	146	0	0	0	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	198	0	0	0	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	423	0	0	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	1,501	0	0	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	0	0	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	27,632	0	2	0	5	<1	0	0
Sedimentary Slope	Slope	soft		503,848	1	1	<1	6	0	0	0
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	29,092	0	0	0	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	4,967	0	29	0	9	0	0	0
Sedimentary Slope Gully	Slope	soft	gully	2,116	0	0	0	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	155	0	0	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	1,217	0	0	0	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	570,317	<1	0	0	2	0	0	0
Sedimentary Ridge	Ridge	soft		618,720	0	0	0	2	0	0	0
Rocky Shelf	Shelf	hard	exposure	26,978	0	0	0	<1	0	0	0
Sedimentary Shelf	Shelf	soft		46,584	2	4	17	<1	3	1	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	54		100	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	2	0	0	0	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	29	0	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall Bank, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Siletz Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

South of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area			
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat	Total Habitat Area within Preferred Alt (ha)	Potato Bank	Richardson Rock	Santa Barbara	Scorpion
Sedimentary Apron	Continental Rise	soft		959,070	0	0	0	0
Rocky Basin	Basin	hard	exposure	2,104	0	0	0	0
Sedimentary Basin	Basin	soft		471,317	4	0	<1	<1
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	207	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	146	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	198	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	423	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	1,501	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	0	0	0	0
Rocky Slope	Slope	hard	exposure	27,632	0	0	<1	0
Sedimentary Slope	Slope	soft		503,848	1	<1	<1	<1
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	29,092	0	0	0	0
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	4,967	0	0	3	0
Sedimentary Slope Gully	Slope	soft	gully	2,116	0	0	0	0
Sedimentary Slope Gully Floor	Slope	soft	gully floor	155	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	1,217	0	0	0	0
Rocky Ridge	Ridge	hard	exposure	570,317	0	<1	0	0
Sedimentary Ridge	Ridge	soft		618,720	1	0	2	0
Rocky Shelf	Shelf	hard	exposure	26,978	0	0	2	<1
Sedimentary Shelf	Shelf	soft		46,584	1	33	1	2
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	54	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	2	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	29	0	0	100	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above: Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall Bank, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Siletz Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Table 4-25: Preferred Alternative Habitat Types by Area (continued) (added since Draft EIS).

South of Point Conception					Percentage of Habitat Area within Preferred Alternative Included in Each Sub-Area				
					Total Habitat Area within Preferred Alt (ha)	Skunk Point	South Point	TNC/ED Area 3	west of 700 fm isobath
Habitat Description	Megahabitat	Induration	Meso/Macro Habitat						
Sedimentary Apron	Continental Rise	soft		959,070	0	0	0	0	100
Rocky Basin	Basin	hard	exposure	2,104	0	0	0	0	100
Sedimentary Basin	Basin	soft		471,317	0	0	0	0	85
Sedimentary Basin Canyon Floor	Basin	soft	canyon floor	207	0	0	0	0	0
Sedimentary Basin Canyon Wall	Basin	soft	canyon wall	146	0	0	0	0	0
Sedimentary Basin Gully	Basin	soft	gully	198	0	0	0	0	0
Sedimentary Basin Gully Floor	Basin	soft	gully floor	423	0	0	0	0	0
Rocky Slope Canyon Wall	Slope	hard	canyon wall	1,501	0	0	0	0	0
Rocky Slope Canyon Floor	Slope	hard	canyon floor	642	0	0	0	0	0
Rocky Slope	Slope	hard	exposure	27,632	0	3	0	0	<1
Sedimentary Slope	Slope	soft		503,848	0	<1	47	0	35
Sedimentary Slope Canyon Floor	Slope	soft	canyon floor	29,092	0	0	23	0	76
Sedimentary Slope Canyon Wall	Slope	soft	canyon wall	4,967	0	0	0	0	59
Sedimentary Slope Gully	Slope	soft	gully	2,116	0	0	0	0	45
Sedimentary Slope Gully Floor	Slope	soft	gully floor	155	0	0	0	0	0
Sedimentary Slope Landslide	Slope	soft	landslide	1,217	0	0	100	0	0
Rocky Ridge	Ridge	hard	exposure	570,317	0	0	6	0	91
Sedimentary Ridge	Ridge	soft		618,720	0	0	0	0	80
Rocky Shelf	Shelf	hard	exposure	26,978	0	0	0	0	0
Sedimentary Shelf	Shelf	soft		46,584	1	4	16	0	0
Sedimentary Shelf Canyon Wall	Shelf	soft	canyon wall	54	0	0	0	0	0
Sedimentary Shelf Gully	Shelf	soft	gully	2	0	0	0	0	0
Sedimentary Shelf Gully Floor	Shelf	soft	gully floor	29	0	0	0	0	0

Note: The following ecologically important areas protect 0% of habitat south of Point Conception and so are not included in the table above:

Astoria Canyon, Bandon High Spot, Biogenic Area 12, Biogenic_1, Biogenic_2, Biogenic_3, Blunts Reef, Outer Cordell Bank, Inner Cordell Bank (within 50 fm isobath), Daisy Bank/Nelson Island, Davidson Seamount, Deepwater off Coos Bay, Delgada Canyon, Eel River Canyon, Farallon Islands/Fanny Shoal, Grays Canyon, Half Moon Bay, Heceta Bank, Mendocino Ridge, Monterey Bay/Canyon, Nehalem Bank/Shale Pile, Newport Rockpile/Stonewall Bank, Olympic_2, Point Arena Offshore, Point Sur Deep, President Jackson Seamount, Rogue Canyon, Siletz Deepwater, Thompson Seamount, TNC/ED Area 1, TNC/ED Area 2 and Tolo Bank.

Table 4-26: Preferred Alternative Rocky Habitat by Area (added since Draft EIS).

		Percentage of Rocky Habitat by Area Name Within the Total Included in the Preferred Alternative									
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	Anacapa Island SMCA	Anacapa Island SMR	Astoria Canyon	Bandon High Spot	Biogenic Area 12	Blunts Reef	Catalina Island	Outer Cordell Bank	Inner Cordell Bank (within 50 fm isobath)
North of Point Conception	hard	971,734	0	0	3	1	<1	<1	0	<1	<1
South of Point Conception	hard	629,417	<1	<1	0	0	0	0	8	0	0

		Percentage of Rocky Habitat by Area Name Within the Total Included in the Preferred Alternative									
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	Cowcod Conservat ion Area East	Daisy Bank / Nelson Island	Davidson Seamoun t	Deepwate r off Coos Bay	Farallon Islands / Fanny Shoal	Grays Canyon	Gull Island	Half Moon Bay	Footprint
North of Point Conception	hard	971,734	0	<1	5	1	1	0	<1	0	1
South of Point Conception	hard	629,417	<1	0	0	0	0	<1	0	<1	0

		Percentage of Rocky Habitat by Area Name Within the Total Included in the Preferred Alternative									
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	Heceta Bank	Hidden Reef / Kidney Bank	Judith Rock	Mendocin o Ridge	Monterey Bay / Canyon	Nehalem Bank / Shale Pile	Newport Rockpile / Stonewall Bank	Olympic_2	Point Arena Offshore
North of Point Conception	hard	971,734	4	0	0	8	2	1	1	2	<1
South of Point Conception	hard	629,417	0	2	<1	0	0	0	0	0	0

Note: The following ecologically important areas protect 0% of rocky habitat and so are not included in the tables above: Biogenic_1, Biogenic_2, Biogenic_3, Carrington Point, Cherry Bank, Delgada Canyon, Eel River Canyon, Harris Point, Painted Cave, Potato Bank and Skunk Point.

Table 4-26: Preferred Alternative Rocky Habitat by Area (continued) (added since Draft EIS).

			Percentage of Rocky Habitat by Area Name Within the Total Included in the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	President						
			Point Sur Deep	Jackson Seamount	Richardson Rock	Rogue Canyon	Santa Barbara	Scorpion	Siletz Deepwater
North of Point Conception	hard	971,734	<1	10	0	3	0	0	2
South of Point Conception	hard	629,417	0	0	<1	0	<1	<1	0

			Percentage of Rocky Habitat by Area Name Within the Total Included in the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	President						
			South Point	Thompson Seamount	TNC/ED Area 1	TNC/ED Area 2	TNC/ED Area 3	Tolo Bank	west of 700 fm isobath
North of Point Conception	hard	971,734	0	4	<1	12	0	<1	38
South of Point Conception	hard	629,417	<1	0	0	0	6	0	83

Note: The following ecologically important areas protect 0% of rocky habitat and so are not included in the tables above: Biogenic_1, Biogenic_2, Biogenic_3, Carrington Point, Cherry Bank, Delgada Canyon, Eel River Canyon, Harris Point, Painted Cave, Potato Bank and Skunk Point.

Table 4-27: Preferred Alternative Biogenic Habitat by Area (added since Draft EIS).

			Percentage of Biogenic Habitat by Area Name Within the Total Included in the Preferred Alternative							
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	Anacapa Island SMCA	Anacapa Island SMR	Carrington Point	Catalina Island	Delgada Canyon	Gull Island	Harris Point	Judith Rock
north of Pt Conception	estuary	12	0	0	0	0	0	0	0	0
	kelp	745	0	0	0	0	2	0	0	0
	seagrass	0	0	0	0	0	0	0	0	0
south of Pt Conception	estuary	0	0	0	0	0	0	0	0	0
	kelp	420	<1	2	10	38	0	12	3	14
	seagrass	784	38	62	0	0	0	0	0	0

			Percentage of Biogenic Habitat by Area Name Within the Total Included in the Preferred Alternative						
Biogeographic Zone	Habitat Type	Total Habitat Area within Preferred Alt (ha)	Monterey						
			Mendocino Ridge	Bay / Canyon	Painted Cave	Santa Barbara	Scorpion	Skunk Point	South Point
north of Pt Conception	estuary	12	0	100	0	0	0	0	0
	kelp	745	<1	98	0	0	0	0	0
	seagrass	0	0	0	0	0	0	0	0
south of Pt Conception	estuary	0	0	0	0	0	0	0	0
	kelp	420	0	0	<1	<1	<1	1	19
	seagrass	784	0	0	0	0	0	0	0

Note: Areas containing zero percent of biogenic habitat are not included in these tables.