

TABLE SSC-1: HABITAT REPRESENTATION IN RESERVE AREAS (p. 1 of 4)

HABITAT REPRESENTATION IN SQ NAUTICAL MILES

State Waters	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
DED Table 6-56						
Sandy coast	13.8	7.7	7.2	6.6	13.9	13.8
Rocky coast protected	19.8	7.6	5.3	8.1	16.8	22.4
Rocky coast exposed	13.3	7.6	8.9	8.7	12.8	13.3
0-30 m:						
Soft sediment	28.6	9.1	8.6	11.0	19.9	22.6
Hard sediment	13.5	5.9	6.7	6.0	11.8	13.9
30-100 m:						
Soft sediment	76.6	28.8	31.7	35.6	50.6	47.2
Hard sediment	7.6	7.1	5.0	7.7	7.9	8.2
100-200 m:						
Soft sediment	38.9	11.3	9.6	11.3	13.8	20.6
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
>200 m:						
Soft sediment	8.1	2.5	3.1	2.5	2.5	16.9
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
Emergent rocks near	136	62	89	66	172	175
Emergent rocks off	8	0	7	8	8	8
Submarine canyons	7	6	7	6	6	7
Kelp forest	5.1	2.6	3.2	3.8	5.8	5.8
Eelgrass	0.2	0.2	0.1	0.2	0.3	0.3
Surfgrass	6.4	3.3	3.7	3.9	6.2	6.6
Total	114.4	68.7	72.0	88.6	119.5	136.6

Federal Waters	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
DED Source						
	Tbl 5-3&5-4	Table 6-1	Table 6-12	Table 6-23	Table 6-41	Table 6-45
Sandy coast	0.0	0.0	0.0	0.0	0.0	0.0
Rocky coast protected	0.0	0.0	0.0	0.0	0.0	0.0
Rocky coast exposed	0.0	0.0	0.0	0.0	0.0	0.0
0-30 m:						
Soft sediment	0.0	0.0	0.0	0.1	0.0	0.0
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
30-100 m:						
Soft sediment	22.7	31.7	20.5	26.5	44.7	51.3
Hard sediment	0.3	1.3	0.0	0.0	1.3	1.7
100-200 m:						
Soft sediment	33.0	15.8	19.0	54.8	73.3	64.0
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
>200 m:						
Soft sediment	89.6	39.4	41.8	47.4	91.4	118.1
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
Emergent rocks near	0	0	0	0	0	0
Emergent rocks off	3	3	3	2	4	4
Submarine canyons	5	9	5	9	9	5
Kelp forest	0.0	0.0	0.0	0.0	0.0	0.0
Eelgrass	0.0	0.0	0.0	0.0	0.0	0.0
Surfgrass	0.0	0.0	0.0	0.0	0.0	0.0
Total	164.6	72.1	88.9	142.8	220.3	253.6

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HABITAT REPRESENTATION AS % OF CINMS

State Waters	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
DED Table 6-56						
Sandy coast	32%	18%	17%	15%	32%	32%
Rocky coast protected	34%	12%	9%	13%	28%	37%
Rocky coast exposed	31%	18%	21%	20%	30%	31%
0-30 m:						
Soft sediment	34%	11%	10%	13%	23%	27%
Hard sediment	28%	12%	14%	12%	24%	29%
30-100 m:						
Soft sediment	23%	9%	10%	11%	15%	14%
Hard sediment	20%	19%	13%	21%	21%	22%
100-200 m:						
Soft sediment	16%	5%	4%	5%	6%	8%
Hard sediment	0%	0%	0%	0%	0%	0%
>200 m:						
Soft sediment	1%	0%	1%	0%	0%	3%
Hard sediment	0%	0%	0%	0%	0%	0%
Emergent rocks near	27%	12%	17%	13%	33%	34%
Emergent rocks off	20%	0%	18%	20%	20%	20%
Submarine canyons	19%	17%	19%	17%	17%	19%
Kelp forest	21%	11%	13%	16%	24%	24%
Eelgrass	35%	35%	23%	35%	53%	53%
Surfgrass	28%	14%	16%	17%	26%	29%
Total	10%	6%	6%	8%	10%	12%

Federal Waters	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
DED Source						
	Tbl 5-3&5-4	Table 6-1	Table 6-12	Table 6-23	Table 6-34	Table 6-45
Sandy coast	0%	0%	0%	0%	0%	0%
Rocky coast protected	0%	0%	0%	0%	0%	0%
Rocky coast exposed	0%	0%	0%	0%	0%	0%
0-30 m:						
Soft sediment	0%	0%	0%	0%	0%	0%
Hard sediment	0%	0%	0%	0%	0%	0%
30-100 m:						
Soft sediment	7%	9%	6%	8%	14%	16%
Hard sediment	1%	3%	0%	0%	4%	5%
100-200 m:						
Soft sediment	13%	6%	8%	22%	30%	26%
Hard sediment	0%	0%	0%	0%	0%	0%
>200 m:						
Soft sediment	16%	7%	7%	9%	17%	21%
Hard sediment	0%	0%	0%	0%	0%	0%
Emergent rocks near	0%	0%	0%	0%	0%	0%
Emergent rocks off	8%	8%	7%	5%	10%	10%
Submarine canyons	14%	24%	14%	24%	25%	14%
Kelp forest	0%	0%	1%	0%	0%	0%
Eelgrass	0%	0%	0%	0%	0%	0%
Surfgrass	0%	0%	0%	0%	0%	0%
Total	15%	6%	8%	13%	19%	22%

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HABITAT REPRESENTATION IN STATE&FEDERAL WATERS - SQ NAUTICAL MILES

DED Source	Table 5-4	Table 6-1	Table 6-12	Table 6-23	Table 6-34	Table 6-45
Sq. Nautical Miles	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
Sandy coast	13.8	7.7	7.2	6.6	13.9	13.8
Rocky coast protected	19.8	7.6	5.3	8.1	16.8	22.4
Rocky coast exposed	13.3	7.6	8.9	8.7	12.8	13.3
0-30 m:						
Soft sediment	28.6	9.1	8.6	11.1	19.9	22.6
Hard sediment	13.5	5.9	6.7	6.0	11.8	13.9
30-100 m:						
Soft sediment	99.3	60.5	52.2	62.1	95.3	98.5
Hard sediment	7.9	8.4	5.0	7.7	9.2	9.9
100-200 m:						
Soft sediment	71.9	27.1	28.6	66.1	87.1	84.6
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
>200 m:						
Soft sediment	97.7	41.9	44.9	49.9	93.9	135.0
Hard sediment	0.0	0.0	0.0	0.0	0.0	0.0
Emergent rocks near	136	62	89	66	172	175
Emergent rocks off	11	3	10	10	12	12
Submarine canyons	12	15	12	15	15	12
Kelp forest	5.1	2.6	3.2	3.8	5.8	5.8
Eelgrass	0.2	0.2	0.1	0.2	0.3	0.3
Surfgrass	6.4	3.3	3.7	3.9	6.2	6.6
Total	279.0	140.8	160.9	231.4	339.8	390.2

HABITAT REPRESENTATION IN STATE&FEDERAL WATERS - % OF CINMS

	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
Sandy coast	32%	18%	17%	15%	32%	32%
Rocky coast protected	34%	12%	9%	13%	28%	37%
Rocky coast exposed	31%	18%	21%	20%	30%	31%
0-30 m:						
Soft sediment	34%	11%	10%	13%	23%	27%
Hard sediment	28%	12%	14%	12%	24%	29%
30-100 m:						
Soft sediment	30%	18%	16%	19%	29%	30%
Hard sediment	21%	22%	13%	21%	25%	27%
100-200 m:						
Soft sediment	29%	11%	12%	27%	36%	34%
Hard sediment	0%	0%	0%	0%	0%	0%
>200 m:						
Soft sediment	17%	7%	8%	9%	17%	24%
Hard sediment	0%	0%	0%	0%	0%	0%
Emergent rocks near	27%	12%	17%	13%	33%	34%
Emergent rocks off	28%	8%	25%	25%	30%	30%
Submarine canyons	33%	41%	33%	41%	42%	33%
Kelp forest	21%	11%	14%	16%	24%	24%
Eelgrass	35%	35%	23%	35%	53%	53%
Surfgrass	28%	14%	16%	17%	26%	29%

Total	25%	12%	14%	21%	29%	34%
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OTHER CHARACTERISTICS OF MPA ALTERNATIVES

	Prop Project	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
# marine reserves	10	9	8	8	10	10
Marine Conserv Area	MCA 1,2		MCA 3,4,5			
CCA redefinition?	yes	no	no	no	no	no
# monitoring sites	9	2	4	2	9	8

- MCA 1 - Anacapa Island - comm/recr spiny lobster & recr pelagic finfish harvest allowed
- MCA 2 - Painted Cave (Santa Cruz Island) - recr spiny lobster & pelagic finfish harvest allowed
- MCA 3 - Anacapa Island - comm/recr spiny lobster & recr pelagic finfish harvest allowed
- MCA 4 - Scorpion (Santa Cruz Island) - comm/recr spiny lobster & recr pelagic finfish harvest allowed
- MCA 5 - Carrington Pt (Santa Rosa Island) - all comm/recr harvest allowed except rockfish
- Cowcod Conservation Area redefinition-NE Sta Barbara Isl> 20 fathoms reverts to standard rockfish/lingcod regulations.