

California Marine Life Protection Act Initiative
Habitat Calculations for Draft Proposal 4 (JC), December 12, 2007 version
Revised December 21, 2007

	How Measured	Point Arena SMR	Point Arena SMCA	Sea Lion Cove SMR	Saunders Reef SMCA	Saunders Reef SMCA (offshore)	Del Mar Landing SMR	Black to Salt Point SMR	Salt Point SMP	Gerstle Cove SMR	Russian River SMR	Bodega SMR	Bodega SMCA	Tomales Bay SMRMA
GIS Identification Number		JC10	JC9	JC464	JC473	JC468	JC461	JC2	JC13	JC463	JC465	JC469	JC470	JC15
MPA Classification		SMR	SMCA	SMR	SMCA	SMCA	SMR	SMR	SMP	SMR	SMR	SMR	SMCA	SMRMA
SAT Level of Protection		10	8	10	2	6	10	10	0	10	10	10	8	10
SAT Evaluation Subregion		North	North	North	North	North	North	North	North	North	North	North	North	North
SAT Cluster ID		JC_C1	JC_C1	JC_C1	JC_C2	JC_C2	JC_C3	JC_C4	JC_C4	JC_C4	JC_C5	JC_C6	JC_C6	JC_C7
Area	Area (mi2)	5.44	6.95	0.12	4.87	8.48	0.09	36.26	2.11	0.01	1.28	14.35	9.84	1.47
Alongshore Span	Linear (mi)	3	3		3.7	3.7	0.3	9.6	1.6	0.2	2.7	5.2	6.7	2.5
ESI Shoreline Length	Linear (mi)	3.52	0.00	2.03	6.60	0.00	0.45	17.99	2.77	0.42	6.19	5.85	0.00	8.78
Minimum Depth	Feet	0	153	0	0	131	0	0	0	0	0	0	113	0
Maximum Depth	Feet	173	324	34	167	278	55	300	241	10	59	258	267	10
Sandy or gravel beaches	Linear (mi)	0.05	0.00	0.02	0.59	0.00	0.00	1.94	0.24	0.04	3.10	2.60	0.00	1.17
Rocky intertidal and cliff	Linear (mi)	3.47	0.00	2.01	6.01	0.00	0.45	16.05	2.53	0.38	0.66	3.24	0.00	0.00
Coastal marsh	Linear (mi)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	0.00	0.00	6.90
Tidal flats	Linear (mi)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72
Surfgrass	Linear (mi)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30	0.00	0.00
Eelgrass	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
Estuary	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	1.44
soft 0 - 30m	Area (mi2)	0.31	0.00	0.00	0.03	0.00	0.00	0.16	0.00	0.00	0.35	1.42	0.00	1.45
soft 30 - 100m	Area (mi2)	1.63	6.63	0.00	0.14	7.21	0.00	31.49	1.22	0.00	0.00	4.73	7.47	0.00
soft 100 - 200m	Area (mi2)	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
soft 200 - 3000m	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hard 0 - 30m	Area (mi2)	0.35	0.00	0.01	1.40	0.00	0.01	1.90	0.28	0.00	0.02	2.45	0.00	0.00
hard 30 - 100m	Area (mi2)	1.56	0.24	0.00	1.13	1.23	0.00	1.47	0.46	0.00	0.00	4.45	2.31	0.00
hard 100 - 200m	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hard 200 - 3000m	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
unknown 0 - 30m	Area (mi2)	1.57	0.00	0.11	2.17	0.00	0.08	1.17	0.14	0.01	0.91	1.29	0.00	0.01
unknown 30 - 100m	Area (mi2)	0.02	0.00	0.00	0.00	0.03	0.00	0.04	0.01	0.00	0.00	0.00	0.07	0.00
unknown 100 - 200m	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
unknown 200 - 3000m	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hard substrate at 20m isobath	Linear (mi)	2.50	0.00	0.00	3.63	0.00	0.00	8.84	1.77	0.00	0.00	3.96	0.00	0.00
soft substrate at 20m isobath	Linear (mi)	0.85	0.00	0.00	0.19	0.00	0.00	1.20	0.23	0.00	0.00	1.27	0.00	0.00
Kelp 1989	Area (mi2)	0.10	0.00	0.00	0.62	0.00	0.00	0.62	0.08	0.00	0.00	0.00	0.00	0.00
Kelp 1999	Area (mi2)	0.13	0.00	0.00	0.24	0.00	0.00	0.18	0.03	0.00	0.00	0.00	0.00	0.00
Kelp 2002	Area (mi2)	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.15	0.00	0.00	0.00	0.00	0.00
Kelp 2003	Area (mi2)	0.00	0.00	0.00	0.19	0.00	0.00	0.18	0.03	0.00	0.00	0.00	0.00	0.00
Kelp 2004	Area (mi2)	0.03	0.00	0.00	0.16	0.00	0.00	0.18	0.09	0.00	0.00	0.00	0.00	0.00
Kelp 2005	Area (mi2)	0.05	0.00	0.00	0.23	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Average Kelp	Area (mi2)	0.05	0.00	0.00	0.24	0.00	0.00	0.30	0.06	0.00	0.00	0.00	0.00	0.00

