California MLPA Master Plan Science Advisory Team
Marine Birds Evaluation Results for Round 1 Draft MPA Arrays and Draft External MPA Proposals: Draft Supplemental Information

April 13, 2009 Draft

The tables in this document provide supporting information for the Round 1 marine birds evaluation results. Results are given for individual marine protected areas (MPAs) within draft MPA arrays and draft external MPA proposals.

Only state marine reserves were considered in the Round 1 analyses. Additionally, the Round 1 analyses brought a few data gaps to our attention; these numbers have been flagged in Table 1 with asterisks and will be updated with the most current numbers prior to the Round 2 analyses.

Note use of the following marine protected area acronyms in a number of tables:

SMR = state marine reserve
SMP = state marine park
SMCA = state marine conservation area
SMRMA = state marine recreational management area

In addition, a number of species codes are used in the tables:

ASSP = Ashy Storm-Petrel
BLOY = Black Oystercatcher
BLSP = Black Storm-Petrel
BLSK = Black Skimmer
BRCO = Brandt's Cormorant
BRPE = Brown Pelican
CATE = Caspian Tern
CAAU = Cassin's Auklet
DCCO = Double-crested Cormorant
ELTE = Elegant Tern
FOTE = Forster's Tern
LESP Least Storm-Petrel
LETE = California Least Tern, PECO = Pelagic Cormorant
PIGU = Pigeon Guillemot
ROTE = Royal Tern
WEGU = Western Gull
XAMU = Xantus's Murrelet

Table 1. Numbers of breeding seabirds of 18 species within each of the five bioregions of the south coast study region

	Bioregion					South Coast Study Region
	North Mainland	South Mainland	East Channel Islands	Mid Channel Islands	West Channel Islands	
No. of Species	5	9	3	11	10	18
Total Breeding	100	8621	207	16179	33910	59017
ASSP	0	0	0*	373	801	1174
BLOY	2	0	4	36	55	97
BLSP	0	0	0	150	0	150
BLSK	0	395	0	0	0	395
BRCO	0*	6	40	476	5400	5922
BRPE	0	0	0	2690	0	2690
CATE	0	1100	0	0	0	1100
CAAU	0	0	0	490	22020	22510
DCCO	0	0	0	266	150	416
ELTE	0	2900	0	0	0	2900
FOTE	0	2200	0	0	0	2200
LESP	0	0	0	0	4	4
LETE	61*	1988*	0	0	0	2049
PECO	6	0	0	62	362	430
PIGU	29	0	0	140	1010	1179
ROTE	0	8	0	0	0	8
WEGU	2	24	164	8313	3958	12461
XAMU	0	0	0*	3183*	150*	3333

** These numbers will be updated prior to the Round 2 analysis.*

Table 2. Draft External Proposal A summary of numbers of breeding birds, percent of subregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. of Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
North Mainland Bioregion																			
Mugu Lagoon SMCA	1	24	24.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	24	39.3%	0	0.0%	0	0.0%	0	0.0%
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Laguna Coast SMCA	1	100	1.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	100	5.0%	0	0.0%	0	0.0%	0	0.0%
Batiquitos Lagoon SMP	1	55	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	55	2.8%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 3. Draft External Proposal B summary of numbers of breeding birds, percent of subregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMCA	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Charles F Holder Catalina SMRMA	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
San Nicolas Pending Military Closure	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 4. External Proposal C summary of numbers of breeding birds, percent of subregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
North Mainland Bioregion																			
Pt. Conception SMR	4	39	39.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	6	100.0%	29	100.0%	0	0.0%
Mugu Lagoon SMR	1	24	24.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	24	39.3%	0	0.0%	0	0.0%	0	0.0%
South Mainland Bioregion																			
Bolsa Chica SMR	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Newport Bay SMR	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Orange_County SMR	1	100	1.16%	0		0		0	0.00%	0		100	5.03%	0		0		0	
Agua_Hedionda SMR	1	18	0.21%	0		0		0	0.00%	0		18	0.91%	0		0		0	
Batiquitos Lagoon SMR	1	55	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	55	2.8%	0	0.0%	0	0.0%	0	0.0%
San_Elijo_Lagoon SMR	1	34	0.39%	0		0		0	0.00%	0		34	1.71%	0		0		0	
La Jolla SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
San Diego Bay SMR	4	4031	46.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	156	7.8%	0	0.0%	0	0.0%	0	0.0%
Imperial Beach SMR	1	50	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	50	2.5%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Catalina North SMR	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
North End SMR	3	68	32.85%	0	0.0%	2	50.00%	10	25.00%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
West San Nicolas SMR	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 5. Lapis A Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Laguna SMR	1	100	1.16%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	100	1.16%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMCA	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
South San Diego Bay SMCA	4	4031	46.8%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	156	7.8%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
San Nicolas Pending Military Closure	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 6. Lapis B Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
North Mainland Bioregion																			
Mugu Lagoon SMR	1	24	24.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	24	39.3%	0	0.0%	0	0.00%	0	0.0%
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Bay SMR																			
Laguna Dana Point SMR	1	100	1.16%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	100	1.16%	0	0.0%	0	0.0%	0	0.0%
Batequitos Lagoon SMP	1	55	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	55	2.8%	0	0.0%	0	0.0%	0	0.0%
San Elijo Lagoon SMP	1	34	0.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	34	1.7%	0	0.0%	0	0.0%	0	0.0%
San Dieguito River Park SMR	1	10	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10	0.5%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
South San Diego Bay SMR	4	4031	46.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	156	7.8%	0	0.0%	0	0.0%	0	0.0%
Tijuana SMR	1	50	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	50	2.5%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Blue Cavern SMR	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
San Nicolas Pending Military Closure	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 7. Opal A Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Santa Monica Bay SMCA	1	315	3.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	315	15.8%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Laguna Coast SMCA	1	100	1.16%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	100	1.16%	0	0.0%	0	0.0%	0	0.0%
San Digueito SMR	1	10	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10	0.5%	0	0.0%	0	0.0%	0	0.0%
Penasquitos SMR	1	30	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	30	1.5%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Santa Catalina Island SMCA	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
San Nicolas Pending Military Closure	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 8. Opal B Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Laguna Coast SMCA	1	100	1.16%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	100	1.16%	0	0.0%	0	0.0%	0	0.0%
Batiquitos Lagoon SMR	1	55	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	55	2.8%	0	0.0%	0	0.0%	0	0.0%
La Jolla Coast SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
San Elijo Lagoon	1	34	0.39%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	34	1.71%	0	0.0%	0	0.0%	0	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
SMR																			
San Diego Back Bay SMCA	4	4031	46.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	156	7.8%	0	0.0%	0	0.0%	0	0.0%
Tijuana River Estuary Mouth SMR	1	50	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	50	2.5%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Santa Catalina Island SMP	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 9. Topaz A Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
North Mainland Bioregion																			
Point Conception SMR	4	39	39.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	6	100.0%	29	100.0%	0	0.0%
Muwu SMP	1	24	24.0%	0		0	0.0%	0	0.0%	0	0.0%	24	39.3%	0	0.0%	0	0.0%	0	0.0%
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
Laguna Coast SMR	1	100	1.16%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	100	1.16%	0	0.0%	0	0.0%	0	0.0%
La Jolla Shores SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
South San Diego Bay SMR	4	4005	46.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	130	6.5%	0	0.0%	0	0.0%	0	0.0%
Imperial Beach SMCA	1	50	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	50	2.5%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Blue Cavern SMR	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
West San Clemente Island SMR	3	87	42.03%	0	0.0%	2	50.00%	30	75.00%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
Island SMCA																			
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 10. Topaz B Draft MPA Array summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
North Mainland Bioregion																			
Point Conception SMR	4	39	39.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	6	100.0%	29	100.0%	0	0.0%
Muwu SMP	1	24	24.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	24	39.3%	0	0.0%	0	0.0%	0	0.0%
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Estuary SMCA	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.4%	0	0.0%	0	0.0%	0	0.0%
San Dieguito Lagoon SMR	1	10	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10	0.5%	0	0.0%	0	0.0%	0	0.0%
Carmel Valley SMR	1	30	0.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	30	1.5%	0	0.0%	0	0.0%	0	0.0%
La Jolla North SMR	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
South San Diego Bay	4	4031	46.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	156	7.8%	0	0.0%	0	0.0%	0	0.0%

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
SMCA																			
Imperial Beach SMCA	1	50	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	50	2.5%	0	0.0%	0	0.0%	0	0.0%
East Channel Islands Bioregion																			
Catalina Isthmus SMCA	1	52	25.12%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
West Channel Islands Bioregion																			
San Nicolas Pending Military Closure	3	3092	9.12%	0	0.0%	2	3.64%	290	5.37%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 11. Proposal 0 (Existing MPAs) summary of numbers of breeding birds, percent of bioregional totals, and combined total for species likely to benefit. Proposed MPAs not shown did not include breeding colonies for any of these species.

NAME	No. Species	Total Birds	Total Birds Pct.	ASSP	ASSP Pct.	BLOY	BLOY Pct.	BRCO	BRCO Pct.	BRPE	BRPE Pct.	LETE	LETE Pct.	PECO	PECO Pct.	PIGU	PIGU Pct.	XAMU	XAMU Pct.
South Mainland Bioregion																			
Bolsa Chica SMP	6	2978	34.5%	0	0.0%	0	0.0%	0	0.00%	0	0.0%	250	12.6%	0	0.0%	0	0.0%	0	0.0%
Upper Newport Bay SMP	1	7	> 0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7	0.35%	0	0.0%	0	0.0%	0	0.0%
Laguna Beach SMCA	1	100	1.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	100	5.03%	0	0.0%	0	0.0%	0	0.0%
La Jolla SMCA	2	10	0.1%	0	0.0%	0	0.0%	6	100.0%	0	0.0%	0	0.00%	0	0.0%	0	0.0%	0	0.0%
Mid Channel Islands Bioregion																			
Scorpion SMR	5	543	3.4%	40	10.7%	2	5.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	6.4%	0	0.0%
Anacapa Island SMR	7	7669	47.4%	0	0.0%	2	5.6%	4	0.8%	2516	93.5%	0	0.0%	4	6.5%	10	7.1%	0	0.0%
Anacapa Island SMCA	3	202	1.2%	0	0.0%	1	2.8%	0	0.0%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	1	0.0%
Gull Island SMR	6	466	2.9%	2	0.5%	8	22.2%	134	28.2%	0	0.0%	0	0.0%	0	0.00%	0	0.00%	2	0.1%
Anacapa Island Special Closure	8	7871	48.6%	0	0.0%	3	8.3%	4	0.8%	2516	93.5%	0	0.0%	4	6.45%	10	7.14%	1	0.0%
West Channel Islands Bioregion																			
Harris Point SMR	10	24500	72.25%	601	75.0%	7	12.73%	1824	33.78%	0	0.0%	0	0.0%	216	59.7%	560	55.4%	150	100.0%
Carrington Point SMR	4	138	0.4%	0	0.0%	0	0.0%	54	1.0%	0	0.0%	0	0.0%	24	6.6%	0	0.0%	0	0.0%

Table 12. Summary of numbers of major Brown Pelican roosts by roost size category included with proposed MPAs in the MLPA South Coast Study Region.

MPA Name	Roost Size	No. Roosts
North Mainland Bioregion		
Proposal 0		
None	-	0
Draft External Proposal A		
Devereux Lagoon SMR	Medium	1
Campus Point SMR	Low	1
Mugu Lagoon SMCA	High	1
Draft External Proposal B		
Coal Oil Point SMR	Low	1
Draft External Proposal C		
Tajiguas SMR	Low	2
Point Conception SMR	Medium	2
Point Conception SMR	High	1
Point Conception SMR	Low	1
Goleta SMR	High	1
Goleta SMR	Medium	1
Goleta SMR	Low	1
Devereux Lagoon SMR	Medium	1
Carpinteria Salt Marsh SMR	Medium	1
Mugu Lagoon SMR	High	1
Malibu SMR	Medium	1
Draft MPA Array Lapis A		
UCSB SMR	Low	1
Carpinteria Salt Marsh SMR	Medium	1
Draft MPA Array Lapis B		

MPA Name	Roost Size	No. Roosts
South Mainland Bioregion		
Draft External Proposal C		
Palos Verdes SMR	Low	2
Orange County SMR	Medium	2
Orange County SMR	Low	3
Agua Hedionda SMR	Medium	1
San Elijo Lagoon SMR	Low	1
La Jolla SMR	High	1
La Jolla SMR	Medium	2
Point Loma SMR	Medium	2
San Diego Bay SMP	Medium	1
San Diego Bay SMP	Low	1
Tijuana Estuary SMR	Medium	1
Draft MPA Array Lapis A		
Portuguese Bend SMCA	Medium	1
Laguna SMR	Medium	1
Laguna SMR	Low	1
Bolsa Chica SMP	Low	1
Irvine Coast SMCA	Low	2
Agua Hedionda Lagoon SMCA	Medium	1
San Elijo Lagoon SMP	Low	1
La Jolla SMCA	High	1
Mia J Tegner SMCA	Medium	1
South San Diego Bay SMCA	Low	1
Draft MPA Array Lapis B		
Palos Verdes SMR	Low	1
Palos Verdes SMCA	Low	1
Bolsa Chica SMP	Low	1

MPA Name	Roost Size	No. Roosts
Point Conception SMR	Medium	2
Point Conception SMR	Low	1
Naples Coal Oil Point SMR	High	1
Naples Coal Oil Point SMR	Medium	1
UCSB SMCA	Low	1
Carpinteria Salt Marsh SMR	Medium	1
Mugu Lagoon SMR	High	1
Point Dume SMR	Medium	1
Draft MPA Array Opal A		
Point Mugu Estuary SMR	High	1
Malibu SMR	Medium	1
Draft MPA Array Opal B		
Cojo Anchorage SMR	Medium	2
Cojo Anchorage SMR	Low	2
Devereux Naples SMCA	High	1
Devereux Naples SMCA	Medium	1
Little Dume SMCA	Medium	1
Draft MPA Array Topaz A		
Point Conception SMR	High	1
Point Conception SMR	Medium	2
Point Conception SMR	Low	1
Naples SMP	High	1
Naples SMP	Medium	1
Deveraux SMP	Medium	1
Isla Vista SMR	Low	1
Carp Marsh SMR	Medium	1
Muwu SMP	High	1
Draft MPA Array Topaz B		
Point Conception SMR	High	1

MPA Name	Roost Size	No. Roosts
Newport Beach SMCA	Medium	1
Crystal Cove SMCA	Low	1
Laguna Dana Point SMR	Low	2
Laguna Dana Point SMR	Medium	1
La Jolla SMR	High	1
La Jolla SMR	Medium	2
Dana Point SMCA	Low	1
San Clemente San Onofre SMP	Low	1
Agua Hedionda Lagoon SMCA	Medium	1
Ponto Batequitos Estuary SMR	Medium	1
San Elijo Lagoon SMP	Low	1
South San Diego Bay SMR	Low	1
Draft MPA Array Opal A		
Santa Monica Bay SMCA	High	1
Portuguese Bend SMCA	Medium	1
Bolsa Chica SMP	Low	1
Crystal Cove SMCA	Low	1
Laguna to Newport Beach SMR	Medium	1
Laguna Coast SMCA	Low	1
Dana Point SMCA	Low	1
Doheny Beach SMCA	Medium	1
San Elijo Lagoon SMP	Low	1
La Jolla SMR	High	1
Mia J Tegner SMR	Medium	1
Draft MPA Array Opal B		
Lunada Bay SMR	Low	2
Bolsa Chica SMP	Low	1
Laguna Coast SMCA	Medium	1
Laguna Coast SMCA	Low	3
Heisler Park SMR	Medium	1
Dana Point SMR	Low	1

MPA Name	Roost Size	No. Roosts
Point Conception SMR	Medium	1
Point Conception SMR	Low	1
Deveraux SMR	Medium	1
UCSB SMR	Low	1
Carp Marsh SMR	Medium	1
Muwu SMP	High	1
Malibu SMCA	Medium	1
South Mainland Bioregion		
Proposal 0		
Abalone Cove SMP	Medium	1
Bolsa Chica SMP	Low	1
Irvine Coast SMCA	Low	1
Crystal Cove SMCA	Low	1
Laguna Beach SMCA	Medium	1
Laguna Beach SMCA	Low	2
Heisler Park SMR	Medium	1
Dana Point SMCA	Low	1
San Elijo Lagoon SMP	Low	1
La Jolla SMCA	High	1
Mia J Tegner SMCA	Medium	1
Draft External Proposal A		
Portuguese Bend SMCA	Medium	1
Laguna SMR	Medium	1
Bolsa Chica SMP	Low	1
Crystal Cove SMCA	Low	1
Laguna Coast SMCA	Low	1
Dana Point SMCA	Low	1
Doheny Beach SMCA	Medium	1
San Elijo Lagoon SMP	Low	1
La Jolla SMR	High	1
Mia J Tegner SMCA	Medium	1

MPA Name	Roost Size	No. Roosts
North County Lagoons SMR	Medium	1
San Elijo Lagoon SMR	Low	1
La Jolla Coast SMR	High	1
La Jolla Coast SMR	Medium	2
Point Loma Kelp Forest SMR	Medium	1
Point Loma Kelp Forest SMR	Low	1
Cabrillo SMR	Medium	1
San Diego Back Bay SMCA	Low	1
Draft MPA Array Topaz A		
Palos Verdes SMR	Medium	1
Palos Verdes SMR	Low	2
Bolsa Chica SMP	Low	1
Laguna Coast SMR	Medium	1
Laguna Coast SMR	Low	4
La Jolla Shores SMR	High	1
Pacific Beach SMR	Medium	1
Cabrillo SMR	Medium	1
South San Diego Bay SMR	Low	1
Tijuana River Estuary SMR	Medium	1
Draft MPA Array Topaz B		
Palos Verdes SMCA	Medium	1
Bolsa Chica SMP	Low	1
Crystal Cove SMCA	Low	1
Laguna Scientific 2 SMCA	Low	1
Laguna Beach SMCA	Medium	1
Laguna South Tide Pool SMCA	Low	1
Dana Point SMCA	Low	1
San Elijo Lagoon SMR	Low	1
La Jolla North SMR	High	1
Point Loma SMCA	Medium	1
South San Diego Bay SMCA	Low	1

MPA Name	Roost Size	No. Roosts
Draft External Proposal B		
Portuguese Bend SMR	Medium	1
Laguna SMR	Medium	1
Laguna SMR	Low	1
Bolsa Chica SMP	Low	1
Irvine Coast SMCA	Low	1
Crystal Cove SMCA	Low	1
Dana Point SMCA	Low	1
San Elijo Lagoon SMP	Low	1
La Jolla SMCA	High	1
Mia J Tegner SMCA	Medium	1

MPA Name	Roost Size	No. Roosts
Imperial Beach Wetlands SMR	Medium	1

Table 13. Draft External Proposal A weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Big Sycamore Canyon SMR	0.00	0.00	0.00	0.00	0.22
Campus Point SMR	0.00	0.00	0.00	0.00	6.93
Devereux Lagoon SMR	0.00	0.00	0.00	0.00	0.09
Goleta Slough SMCA	0.00	0.00	0.00	0.00	0.20
Mugu Lagoon SMCA	0.00	0.00	0.00	0.00	0.66
South Mainland					
Del Mar SMR	0.00	0.00	0.00	0.00	0.24
La Jolla SMR	0.77	0.00	0.00	0.00	0.00
San Dieguito Lagoon SMR	0.00	0.00	0.00	0.00	0.04
Batiquitos Lagoon SMP	0.00	0.00	0.00	0.00	0.57
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Point Fermin SMCA	0.00	0.00	0.00	0.00	0.07
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.39
San Diego-Scripps SMCA	0.11	0.00	0.00	0.00	0.00
East Channel Islands					
Catalina Marine Science Center SMR	0.00	0.00	0.00	0.06	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
San Clemente Island Pending Military Closure 1	1.45	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.64	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 14. Draft External Proposal B weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Coal Oil Point SMR	0.00	0.00	0.00	0.00	3.00
Coal Oil Point SMCA	0.00	0.00	0.00	0.00	3.72
Goleta Slough SMP	0.00	0.00	0.00	0.00	0.20
Mugu Canyon SMCA	0.00	0.00	0.00	0.00	5.39
Point Mugu SMCA	0.00	0.00	0.00	0.00	2.65
South Mainland					
Batiquitos Lagoon SMP	0.00	0.00	0.00	0.00	0.28
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Cardiff-San Elijo SMCA	0.00	0.00	0.00	0.00	1.21
Del Mar SMR	0.00	0.00	0.00	0.00	0.15
La Jolla SMCA	0.77	0.00	0.00	0.00	0.00
Encinitas SMCA	0.00	0.00	0.00	0.00	0.09
Point Fermin SMP	0.00	0.00	0.00	0.00	0.07
San Diego-Scripps SMCA	0.11	0.00	0.00	0.00	0.00
San Dieguito Lagoon SMP	0.00	0.00	0.00	0.00	0.04
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.40
East Channel Islands					
Catalina Marine Science Center SMR	0.00	0.00	0.00	0.06	0.00
Charles F Holder Catalina SMRMA	0.00	0.00	0.00	84.55	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
San Clemente Island Pending Military Closure 1	1.45	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.64	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island Pending Military Closure	0.62	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 15. Draft External Proposal C weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Point Conception SMR	0.00	7.35	7.35	0.00	0.00
Devereux Lagoon SMR	0.00	0.00	0.00	0.00	0.09
Goleta SMR	0.00	0.00	0.00	0.00	17.19
Goleta Slough SMR	0.00	0.00	0.00	0.00	0.20
Mugu Lagoon SMR	0.00	0.00	0.00	0.00	0.66
Point Mugu SMCA	0.00	0.00	0.00	0.00	8.03
South Mainland					
Batiquitos Lagoon SMR	0.00	0.00	0.00	0.00	0.57
Bolsa Chica SMR	0.00	0.00	0.00	0.00	0.30
Cardiff SMR	0.00	0.00	0.00	0.00	4.77
Imperial Beach SMR	0.00	0.00	0.00	0.00	9.86
La Jolla SMR	13.24	0.00	0.00	0.00	0.28
Newport Bay SMR	0.00	0.00	0.00	0.00	0.39
Point Loma SMR	0.00	0.00	0.00	0.00	2.11
San Diego Bay SMR	0.00	0.00	0.00	0.00	11.47
San Elijo Lagoon SMR	0.00	0.00	0.00	0.00	0.40
Tijuana Estuary SMR	0.00	0.00	0.00	0.00	0.72
East Channel Islands					
Catalina North SMR	0.00	0.00	0.00	2.79	0.00
China Point SMR	4.99	0.00	0.00	0.00	0.00
Land's End SMR	0.00	0.00	0.00	11.04	0.00
North End SMR	5.47	0.00	0.00	0.00	0.00
Long Point SMR	0.00	0.00	0.00	3.89	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
West San Nicolas SMR	0.42	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 16. Draft MPA Array Lapis A weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Big Sycamore Canyon SMR	0.00	0.00	0.00	0.00	1.03
Goleta Slough SMP	0.00	0.00	0.00	0.00	0.20
UCSB SMR	0.00	0.00	0.00	0.00	6.27
South Mainland					
Batiquitos Lagoon SMP	0.00	0.00	0.00	0.00	0.28
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Cardiff-San Elijo SMCA	0.00	0.00	0.00	0.00	1.21
Del Mar SMR	0.00	0.00	0.00	0.00	0.20
La Jolla SMR	0.77	0.00	0.00	0.00	0.00
Encinitas SMCA	0.00	0.00	0.00	0.00	0.09
Famosa Slough SMR	0.00	0.00	0.00	0.00	0.52
Point Fermin SMP	0.00	0.00	0.00	0.00	0.07
San Dieguito Lagoon SMR	0.00	0.00	0.00	0.00	0.04
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.40
San Diego-Scripps SMCA	0.11	0.00	0.00	0.00	0.00
South San Diego Bay SMCA	0.00	0.00	0.00	0.00	5.27
East Channel Islands					
Catalina Marine Science Center SMR	0.00	0.00	0.00	0.06	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
San Clemente Island Pending Military Closure 1	1.45	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.64	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island Pending Military Closure	0.62	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 17. Draft MPA Array Lapis B weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Goleta Slough SMR	0.00	0.00	0.00	0.00	0.20
Mugu Lagoon SMR	0.00	0.00	0.00	0.00	0.66
Mugu SMCA	0.00	0.00	0.00	0.00	6.05
Point Conception SMR	0.00	7.04	7.04	0.00	0.00
Naples Coal Oil Point SMR	0.00	0.00	0.00	0.00	9.49
UCSB SMCA	0.00	0.00	0.00	0.00	7.28
South Mainland					
Batequitos Lagoon SMP	0.00	0.00	0.00	0.00	0.56
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
La Jolla SMR	15.32	0.00	0.00	0.00	0.32
Newport Beach SMCA	0.00	0.00	0.00	0.00	0.42
Point Fermin SMP	0.00	0.00	0.00	0.00	0.07
Ponto Batequitos Estuary SMP	0.00	0.00	0.00	0.00	9.80
San Dieguito River Park SMR	0.00	0.00	0.00	0.00	0.28
San Dieguito SMCA	0.00	0.00	0.00	0.00	2.76
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.40
South San Diego Bay SMR	0.00	0.00	0.00	0.00	5.27
Swamis San Elijo SMR	0.00	0.00	0.00	0.00	4.72
Tijuana SMR	0.00	0.00	0.00	0.00	6.91
East Channel Islands					
Blue Cavern SMR	0.00	0.00	0.00	1.18	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
San Clemente Island Pending Military Closure 1	1.45	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.64	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island Pending Military Closure	0.62	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 18. Draft MPA Array Opal A weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Big Sycamore SMR	0.00	0.00	0.00	0.00	0.21
Goleta Slough SMP	0.00	0.00	0.00	0.00	0.20
Point Mugu Estuary SMR	0.00	0.00	0.00	0.00	0.41
Point Mugu Sycamore SMCA	0.00	0.00	0.00	0.00	6.10
Santa Monica Bay SMCA	0.00	0.00	0.00	0.00	13.78
UCSB SMR	0.00	0.00	0.00	0.00	7.53
South Mainland					
Batiquitos Lagoon SMR	0.00	0.00	0.00	0.00	0.28
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Cardiff-San Elijo SMCA	0.00	0.00	0.00	0.00	1.21
Del Mar SMR	0.00	0.00	0.00	0.00	0.19
Encinitas SMCA	0.00	0.00	0.00	0.00	0.09
Point Fermin SMP	0.00	0.00	0.00	0.00	0.07
San Digueito SMR	0.00	0.00	0.00	0.00	0.28
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.40
La Jolla SMR	0.77	0.00	0.00	0.00	0.00
San Diego-Scripps SMCA	0.11	0.00	0.00	0.00	0.00
East Channel Islands					
Catalina Marine Science Center SMR	0.00	0.00	0.00	0.15	0.00
Lovers' Cove SMCA	0.00	0.00	0.00	0.05	0.00
Santa Catalina Island SMCA	0.00	0.00	0.00	40.67	0.00
San Clemente Island Pending Military Closure 1	1.41	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.68	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island Pending Military Closure	0.60	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 19. Draft MPA Array Opal B weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Cojo Anchorage SMR	0.00	4.24	4.24	0.00	0.00
Campus Point SMR	0.00	0.00	0.00	0.00	3.20
Devereux- Naples SMCA	0.00	0.00	0.00	0.00	12.23
Goleta Slough SMR	0.00	0.00	0.00	0.00	0.20
South Mainland					
Batiquitos Lagoon SMR	0.00	0.00	0.00	0.00	0.57
Bolsa Chica Mouth SMR	0.00	0.00	0.00	0.00	1.82
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Cabrillo SMR	0.00	0.00	0.00	0.00	0.05
La Jolla Coast SMR	13.57	0.00	0.00	0.00	0.70
North County Lagoons SMR	0.00	0.00	0.00	0.00	14.88
Point Loma Kelp Forest SMR	0.00	0.00	0.00	0.00	4.65
San Diego Back Bay SMCA	0.00	0.00	0.00	0.00	5.24
San Dieguito Lagoon SMP	0.00	0.00	0.00	0.00	0.04
San Elijo Lagoon SMR	0.00	0.00	0.00	0.00	0.40
Tijuana River Estuary Mouth SMR	0.00	0.00	0.00	0.00	9.30
East Channel Islands					
Back Catalina SMCA	0.00	0.00	0.00	14.06	0.00
Catalina Harbor SMCA	0.00	0.00	0.00	0.32	0.00
Catalina Science Center SMR	0.00	0.00	0.00	0.06	0.00
Church Rock SMR	0.00	0.00	0.00	14.75	0.00
Eagle Rock SMR	0.00	0.00	0.00	8.95	0.00
Lions Head to Arrow SMCA	0.00	0.00	0.00	11.21	0.00
Santa Catalina Island SMP	0.00	0.00	0.00	0.36	0.00
Ship Rock SMCA	0.00	0.00	0.00	46.39	0.00
SWAT 1 SMR	1.45	0.00	0.00	0.07	0.00
Wilson SMR	0.68	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas SMR	0.03	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 20. Draft MPA Array Topaz A weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Point Conception SMR	0.00	7.31	7.31	0.00	0.00
Devereux SMP	0.00	0.00	0.00	0.00	0.09
Goleta SMP	0.00	0.00	0.00	0.00	0.20
Isla Vista SMR	0.00	0.00	0.00	0.00	10.66
Muwu SMP	0.00	0.00	0.00	0.00	0.66
Naples SMP	0.00	0.00	0.00	0.00	6.09
South Mainland					
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Encinitas SMR	0.00	0.00	0.00	0.00	4.68
Imperial Beach SMCA	0.00	0.00	0.00	0.00	8.49
La Jolla Shores SMR	2.60	0.00	0.00	0.00	0.00
Pacific Beach SMR	3.31	0.00	0.00	0.00	0.29
Point Loma SMR	0.00	0.00	0.00	0.00	0.92
Cabrillo SMR	0.00	0.00	0.00	0.00	0.08
South San Diego Bay SMR	0.00	0.00	0.00	0.00	2.40
Tijuana River Estuary SMR	0.00	0.00	0.00	0.00	0.72
East Channel Islands					
Blue Cavern SMR	0.00	0.00	0.00	1.09	0.00
Castle Rock SMR	2.85	0.00	0.00	0.00	0.00
West San Clemente Island SMR	8.36	0.00	0.00	0.00	0.00
Avalon SMR	0.00	0.00	0.00	0.47	0.00
Southwest Catalina SMR	0.00	0.00	0.00	0.30	0.00
Long Point SMR	0.00	0.00	0.00	3.01	0.00
Long Point SMCA	0.00	0.00	0.00	6.51	0.00
West End SMR	0.00	0.00	0.00	9.70	0.00
Northeast Catalina SMCA	0.00	0.00	0.00	0.52	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island SMR	0.11	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 21. Draft MPA Array Topaz B weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Point Conception SMR	0.00	14.24	14.24	0.00	0.00
Deveraux SMR	0.00	0.00	0.00	0.00	0.09
UCSB SMR	0.00	0.00	0.00	0.00	6.99
Goleta SMP	0.00	0.00	0.00	0.00	0.20
Mugu SMCA	0.00	0.00	0.00	0.00	5.18
Mugu SMR	0.00	0.00	0.00	0.00	0.70
Muwu SMP	0.00	0.00	0.00	0.00	0.66
South Mainland					
Batiquitos Lagoon SMR	0.00	0.00	0.00	0.00	0.26
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Del Mar North SMCA	0.00	0.00	0.00	0.00	1.49
Del Mar SMR	0.00	0.00	0.00	0.00	0.18
Imperical Beach SMCA	0.00	0.00	0.00	0.00	8.49
Imperial Beach Wetlands SMR	0.00	0.00	0.00	0.00	0.67
La Jolla North SMR	0.77	0.00	0.00	0.00	0.00
Point Fermin SMCA	0.00	0.00	0.00	0.00	0.07
Point Loma SMCA	0.00	0.00	0.00	0.00	0.03
San Dieguito Lagoon SMR	0.00	0.00	0.00	0.00	0.28
San Elijo Lagoon SMR	0.00	0.00	0.00	0.00	0.40
South San Diego Bay SMCA	0.00	0.00	0.00	0.00	5.39
East Channel Islands					
Catalina Harbor SMP	0.00	0.00	0.00	0.25	0.00
Catalina Inside SMCA	0.00	0.00	0.00	12.91	0.00
Catalina Isthmus SMCA	0.00	0.00	0.00	2.16	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
San Clemente Island Pending Military Closure 1	1.45	0.00	0.00	0.00	0.00
San Clemente Island Pending Military Closure 2	0.64	0.00	0.00	0.00	0.00
Mid Channel Islands					
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
San Nicolas Island Pending Military Closure	0.62	0.00	0.00	0.00	0.00
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00

Table 22. MPA Proposal 0 (existing MPAs) weighted contributions to foraging areas for five species of breeding seabirds within each proposed MPA. MPAs not shown did not contribute to foraging area for any of these species.

MPA Name	Brandt's Cormorant	Pelagic Cormorant	Pigeon Guillemot	Bald Eagles	California Least Tern
North Mainland					
Goleta Slough SMP	0.00	0.00	0.00	0.00	0.20
South Mainland					
Batiquitos Lagoon SMP	0.00	0.00	0.00	0.00	0.28
Bolsa Chica SMP	0.00	0.00	0.00	0.00	0.23
Cardiff-San Elijo SMCA	0.00	0.00	0.00	0.00	1.21
Encinitas SMCA	0.00	0.00	0.00	0.00	0.09
Point Fermin SMP	0.00	0.00	0.00	0.00	0.07
La Jolla SMCA	0.77	0.00	0.00	0.00	0.00
San Diego-Scripps SMCA	0.11	0.00	0.00	0.00	0.00
San Dieguito Lagoon SMP	0.00	0.00	0.00	0.00	0.04
San Elijo Lagoon SMP	0.00	0.00	0.00	0.00	0.40
East Channel Islands					
Arrow Point to Lion Head Point (Catalina Island) Invertebrate Area	0.00	0.00	0.00	0.34	0.00
Catalina Marine Science Center SMR	0.00	0.00	0.00	0.06	0.00
Lover's Cove SMCA	0.00	0.00	0.00	0.02	0.00
Mid Channel Islands					
Anacapa Island Special Closure 1	0.01	0.05	0.06	0.00	0.00
Anacapa Island Special Closure 2	0.00	0.01	0.01	0.00	0.00
Anacapa Island SMCA	0.05	0.40	0.44	0.00	0.00
Anacapa Island SMR	0.08	0.62	0.69	0.00	0.00
Footprint SMR	0.01	0.09	0.00	0.00	0.00
Gull Island SMR	7.37	12.98	0.11	11.21	0.00
Santa Barbara Island SMR	2.79	0.67	4.48	0.00	0.00
Scorpion SMR	0.00	0.00	0.48	0.00	0.00
West Channel Islands					
Carrington Point SMR	0.13	0.83	0.00	0.00	0.00
Harris Point SMR	11.41	12.38	12.68	0.00	0.00
Judith Rock SMR	0.48	0.20	0.28	0.00	0.00
Richardson Rock SMR	1.17	0.48	0.69	0.00	0.00
San Miguel Island Special Closure	0.41	0.16	0.23	0.00	0.00