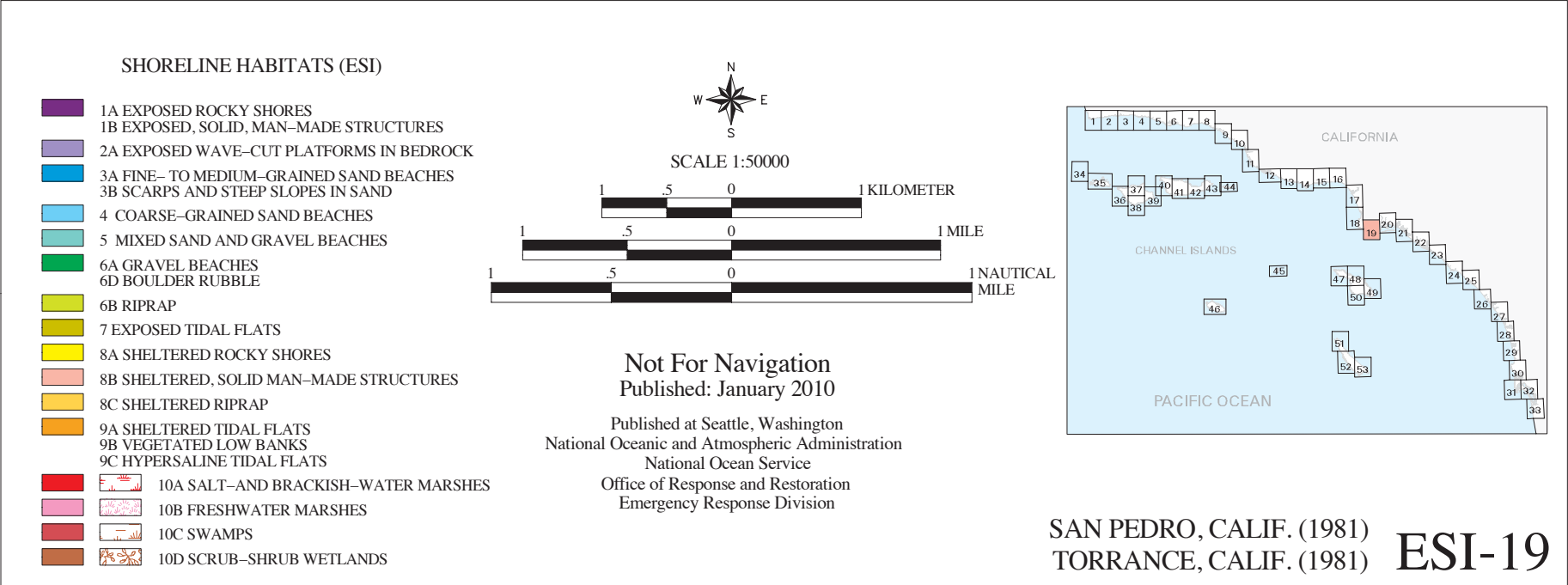
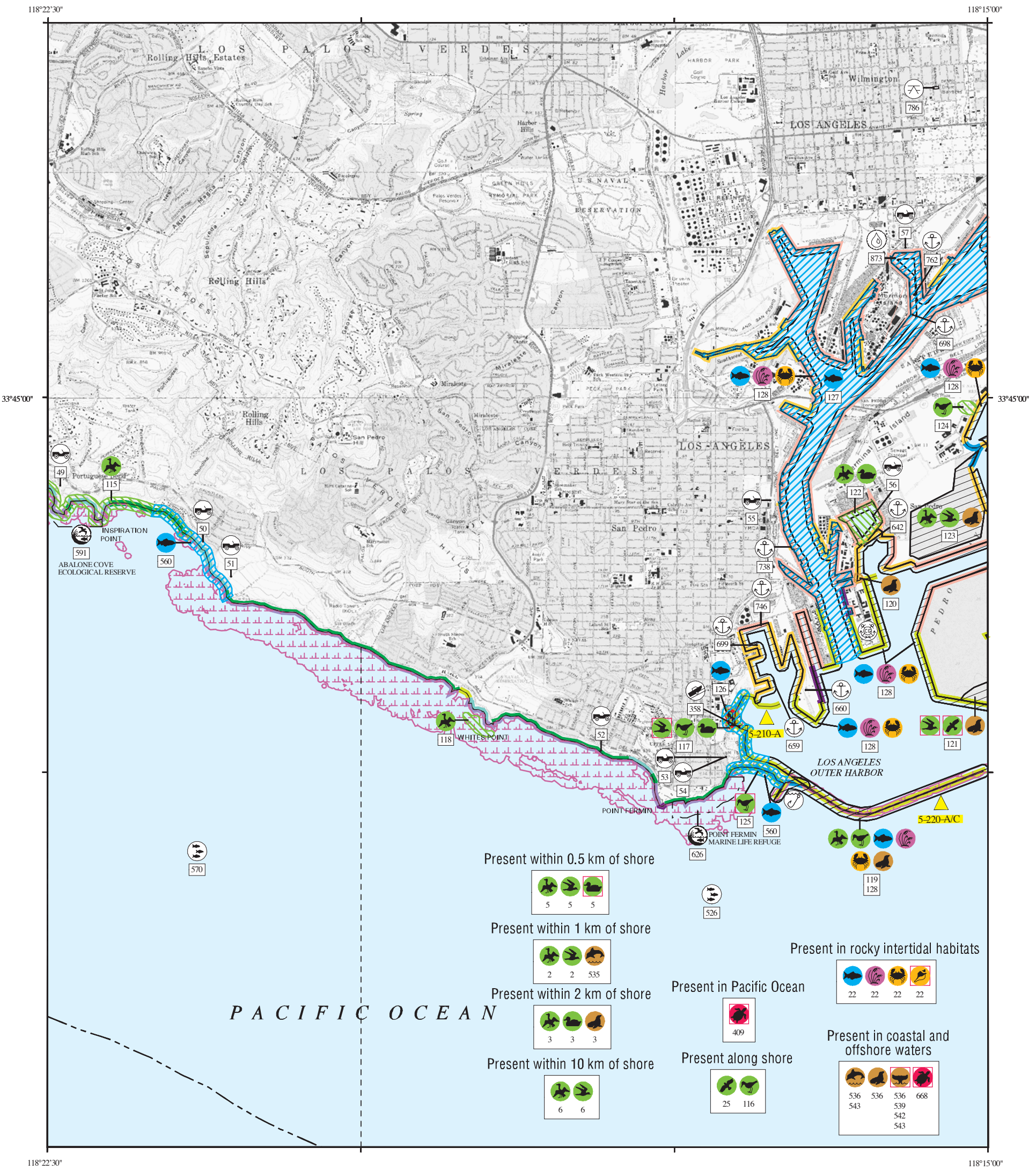


ENVIRONMENTAL SENSITIVITY INDEX MAP



Southern California: ESIMAP 19

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
2	California gull		X X X X X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X X	-	-	-
	Double-crested cormorant		X X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X X	-	-	-
3	Surf scoter		X X X X X X X X	-	-	-
	Western grebe		X X X X X X X X	-	-	-
5	Brant	C	X X X X X X X X	-	-	-
	Elegant tern		X X X X X X X X X X	-	-	-
	Forster's tern		X X X X X X X X X X X	-	-	-
	Least tern		X X X X X X X X	-	-	-
	Pacific loon		X X X X X X X X X	-	-	-
	Red-throated loon		X X X X X X X	-	-	-
	Ring-billed gull		X X X X X X X X X	-	-	-
	Royal tern		X X X X X X X X X X X	-	-	-
6	Brandt's cormorant		X X X X X X X X X	-	-	-
	Brown pelican		X X X X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
25	Peregrine falcon		X X X X X X X X X	-	-	-
115	Brown pelican	8-206 BIRDS	X X X X X X X X X X	-	-	-
116	Black oystercatcher		X X X X X X X X X X X	-	-	-
	Black turnstone		X X X X X X X X X	-	-	-
	Surfbird		X X X X X X	-	-	-
	Wandering tattler		X X X X X X	-	-	-
117	California least tern	E E	X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Terns		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X	-	-	-
118	Brown pelican	6-30 BIRDS	X X X X X X X X X X	-	-	-
119	Black oystercatcher		X X X X X X X X X X X	MAR-SEP	-	-
	Brown pelican	17-370 BIRDS	X X X X X X X X X X	-	-	-
	Cormorants		X X X X X X X X X X X	-	-	-
121	Burrowing owl	C	X X X X X X X	-	-	-
	California least tern	E E	X X X X X X X X	APR-SEP	-	-
122	Grebes		X X X X X X X X X	-	-	-
	Scoters		X X X X X X X X X	-	-	-
	Sea ducks		X X X X X X X X X	-	-	-
123	Brown pelican		X X X X X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X X	FEB-OCT	-	-
	Elegant tern	1000S OF PAIRS	X X X X X X X X X X	MAR-JUL	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Royal tern		X X X X X X X X X	MAR-SEP	-	-
124	Shorebirds		X X X X X X X X X X X	-	-	-
125	Western snowy plover	C T	X X X X X X X X X X X	MAR-SEP	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
22	Rocky intertidal fish		X X X X X X X X X X X	-	-	-	-	-
126	California grunion	OCCASIONAL RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
127	California grunion		X X X X X X X X	-	-	-	MAR-SEP	-
128	Rocky intertidal fish		X X X X X X X X X X X	-	-	-	-	-
560	California grunion	FREQUENT LARGE RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
22	Rocky intertidal plants		X X X X X X X X X X X
128	Rocky intertidal plants		X X X X X X X X X X X

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
22	Black abalone	E	POTENTIAL	X X X X X X X X X X X	-	-	-	-
	Rocky intertidal invertebrates		X X X X X X X X X X X	-	-	-	-	-
128	Rocky intertidal invertebrates		X X X X X X X X X X X	-	-	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
3	Pacific harbor seal	PRIMARY	X X X X X X X X X X X	-	-	-	-
119	California sea lion		X X X X X X X X X X X	-	-	-	AUG-SEP
120	California sea lion		X X X X X X X X X X X	-	-	-	AUG-SEP
121	Pacific harbor seal	15-25 INDIV.	X X X X X X X X X X X	-	-	-	MAY-JUL
123	California sea lion		X X X X X X X X X X X	-	-	-	AUG-SEP
535	Bottlenose dolphin	SECONDARY	X X X X X X X X X X X	-	-	-	-
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	California sea lion	PRIMARY	X X X X X X X X X X X	-	-	-	AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X X X X	-	-	-	-
	Dall's porpoise	SECONDARY	X X X X X X X X X	-	-	-	-
	Killer whale	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Minke whale	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	RARE	X X X X X X X X X X X	-	-	-	-
	Striped dolphin	RARE	X X X X X X X X X X X	-	-	-	-
539	Baird's beaked whale	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	X X X X X X X X X X X	-	-	-	-
542	Blue whale	E PRIMARY	X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X X X X X X	-	-	-	-
	Blue whale	E SECONDARY	X X X X X X X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X X X	-	-	-	-
	Fin whale	E RARE	X X X X X X X X X X X	-	-	-	-
	Humpback whale	E RARE	X X X X X X X X X X X	-	-	-	-
	North Pacific right whale	E RARE	X X X X X X X X X X X	-	-	-	-
543	Gray whale	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Gray whale	RARE	X X X X X X X X X	-	-	-	-
	Gray whale	SECONDARY	X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internesting	Juveniles	Adults
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X	-	-	-	-	-
668	Leatherback sea turtle	E SECONDARY	X X X X X X X	-	-	-	-	MAR-JUL

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Southern California: ESIMAP 19 (cont.)

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
5-210-A	Cabrillo Beach Wetlands	CDF&G OSPR
5-220-A/C	Los Angeles Harbor Breakwater	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
49	LA-F-1520 ABALONE COVE SOUTH		310/377-1222
50	LA-F-1530 PORTUGESE BEND (PRIVATE)		
51	LA-F-1540 OCEAN TRAILS		
52	LA-F-1550 POINT FERMIN PARK		310/548-7705
53	LA-F-1560 CABRILLO COUNTY BEACH		310/543-1967
54	LA-G-2010 CABRILLO COUNTY BEACH		310/543-1967
55	LA-G-2020 LA 83		310/732-7678
56	LA-G-2030 FISH HARBOR		310/732-7678
57	LA-G-2040 BANNING'S LANDING		310/732-7678

BOAT RAMP:

HUN#	Name	Contact	Phone
358	CABRILLO		310/543-1967

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
526	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon						X	X	X	X	X	X	X
	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California scorpionfish	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead						X	X	X	X	X	X	X
	California spiny lobster	X	X	X									
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Flatfish	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod						X	X	X	X	X	X	X
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish						X	X	X	X	X	X	X
	Pacific angel shark	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific bonito	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sanddab	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Ridgeback prawn	X	X	X	X						X	X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish						X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn						X	X	X	X	X	X	X
	Surfperch	X	X	X	X	X	X	X	X	X	X	X	X
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X
570	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon						X	X	X	X	X	X	X
	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California scorpionfish	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead						X	X	X	X	X	X	X
	California spiny lobster	X	X	X									
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Flatfish	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod						X	X	X	X	X	X	X
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish						X	X	X	X	X	X	X
	Pacific bonito	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sanddab	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Ridgeback prawn	X	X	X	X							X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish						X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn						X	X	X	X	X	X	X
	Surfperch	X	X	X	X	X	X	X	X	X	X	X	X
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
591	ABALONE COVE MARINE PARK	CAL NATURAL RESOURCES AGENCY	916/654-1885
626	POINT FERMIN MARINE PARK	CAL NATURAL RESOURCES AGENCY	916/654-1885

MARINA:

HUN#	Name	Contact	Phone
642	AL LARSON MARINA	JACK WALL	310/832-0526
659	CABRILLO MARINA	CA YACHT MARINA	310/732-2252
660	CABRILLO WAY MARINA	WESTREC	310/514-4985
698	HOLIDAY HARBOR (WILMINGTON)	JOHN FLIGHTS	310/835-3952
699	HOLIDAY HARBOR- CABRILLO MARINA	HOLIDAY HARBOR FLEITZ BROS LLC	310/833-4468
738	SAN PEDRO MARINA/BERTH 80	FISHERMEN'S VILLAGE CORP	310/519-8177
746	SKIPPERS 22ND STREET LANDING	22ND STREET MARINA LLC	310/832-8304
762	YACHT HAVEN MARINA, INC.	ANTHONY AND ANNE DUNA	310/834-6892

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Southern California: ESIMAP 19 (cont.)

HUMAN USE RESOURCES: (cont.)

PARK:

HUN#	Name	Contact	Phone
786	DRUM BARRACKS		

WATER INTAKE:

HUN#	Name	Contact	Phone
873	HARBOR GENERATING STATION	LOS ANGELES CITY DWP	

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