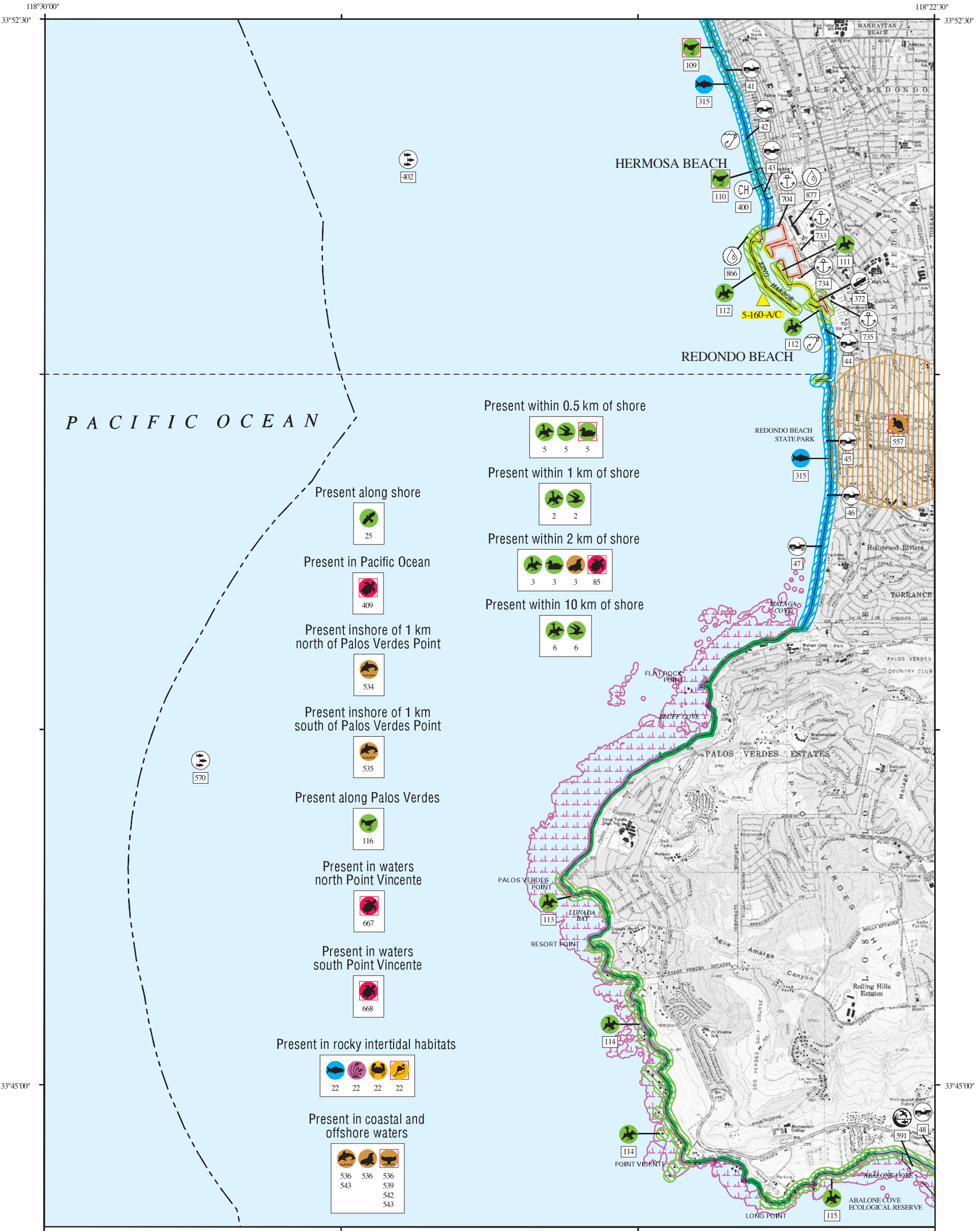


ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS (ESI)

1A EXPOSED ROCKY SHORES	1B EXPOSED, SOLID, MAN-MADE STRUCTURES
2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK	3A FINE- TO MEDIUM-GRAINED SAND BEACHES
3B SCARPS AND STEEP SLOPES IN SAND	4 COARSE-GRAINED SAND BEACHES
5 MIXED SAND AND GRAVEL BEACHES	6A GRAVEL BEACHES
6D BOULDER RUBBLE	6B RIPRAP
7 EXPOSED TIDAL FLATS	8A SHELTERED ROCKY SHORES
8B SHELTERED, SOLID MAN-MADE STRUCTURES	8C SHELTERED RIPRAP
9A SHELTERED TIDAL FLATS	9B VEGETATED LOW BANKS
9C HYPERSALINE TIDAL FLATS	10A SALT-AND BRACKISH-WATER MARSHES
10B FRESHWATER MARSHES	10C SWAMPS
10D SCRUB-SHRUB WETLANDS	

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National Ocean Service
Office of Response and Restoration
Emergency Response Division

REDONDO BEACH, CALIF. (1981) ESI-18

Southern California: ESIMAP 18

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	-	-	-
	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 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	-	-	-
109	Western snowy plover	C T 28-41 BIRDS	X X X X X X X X X X	-	-	-
110	Western snowy plover	C T 1-4 BIRDS	X X X X X X X X X X	-	-	-
111	Brown pelican	0-87 BIRDS	X X X X X X X X	-	-	-
112	Brown pelican	3-305 BIRDS	X X X X X X X X	-	-	-
	Cormorants		X X X X X X X X X X	-	-	-
113	Brown pelican	0-58 BIRDS	X X X X X X X X	-	-	-
114	Brown pelican	9-18 BIRDS	X X X X X X X	-	-	-
115	Brown pelican	8-206 BIRDS	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 X	-	-	-
	Surfbird		X X X X	-	-	-
	Wandering tattler		X X X X	-	-	-

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 X	-	-	-	-	-
315	California grunion	OCCASIONAL RUNS	X 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 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 X	-	-	-	-	-
	Rocky intertidal invertebrates		X 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 X	-	-	-	-
534	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
535	Bottlenose dolphin	SECONDARY	X 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 X	-	-	-	-
	California sea lion	PRIMARY	X 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	-	-	-	-
	Killer whale	PRIMARY	X 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 X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X 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 X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X 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 X	-	-	-	-
	Short-finned pilot whale	RARE	X 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 X	-	-	-	-
539	Baird's beaked whale	SECONDARY	X 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 X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X 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 X	-	-	-	-
542	Blue whale	E PRIMARY	X 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 X	-	-	-	-
	Bryde's whale	RARE	X 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 X	-	-	-	-
	Humpback whale	E RARE	X 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 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 X X	-	-	-	-
	Gray whale	SECONDARY	X X 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 X	-	-	-	-

REPTILE:

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

TERRESTRIAL MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
557	Pacific pocket mouse	C E	X X X X X X X X X X X X

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
5-160-A/C	King Harbor Breakwater	CDF&G OSPR

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 18 (cont.)

HUMAN USE RESOURCES: (cont.)

ACCESS:

HUN#	Name	Contact	Phone
-----	-----	-----	-----
41	LA-E-1465 22ND STREET		310/543-1967
42	LA-E-1470 11TH STREET		310/543-1967
43	LA-E-1475 2ND STREET		310/543-1967
44	LA-E-1480 REDONDO BEACH PIER		310/543-1967
45	LA-E-1485 AVENUE C		310/543-1967
46	LA-E-1490 AVENUE I		310/543-1967
47	LA-E-1495 TORRANCE BEACH		310/543-1967
48	LA-F-1510 ABALONE COVE NORTH		310/377-1222

BOAT RAMP:

HUN#	Name	Contact	Phone
-----	-----	-----	-----
372	KING HARBOR		310/318-0632

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
-----	-----	-----	-----
400	CRITICAL HABITAT: WESTERN SNOWY PLOVER	U.S. FISH AND WILDLIFE SERVICE	760/431-9440

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
-----	-----	-	-	-	-	-	-	-	-	-	-	-	-
402	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon		X	X	X	X	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	X	X	X	X
	California spiny lobster	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	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	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 sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		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
	Spot prawn		X	X	X	X	X	X	X	X	X	X	X
	Surfperch	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	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	X	X	X	X
	California spiny lobster	X	X	X					X	X	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	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	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	X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	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	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
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591	ABALONE COVE MARINE PARK	CAL NATURAL RESOURCES AGENCY	916/654-1885

MARINA:

HUN#	Name	Contact	Phone
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704	KING HARBOR MARINA	LC GUTHRIE JR	310/376-6926
733	PORT ROYAL MARINA	CA YACHT MARINA	310/376-0431
734	PORTOFINO HOTEL AND YACHT CLUB	PORTO FINO HOTEL	310/798-5869
735	REDONDO BEACH MARINA	MCC REDONDO BEACH II LLC	310/374-3481

WATER INTAKE:

HUN#	Name	Contact	Phone
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866	AES REDONDO BEACH GENERATING STATION	AES CORPORATION	
877	REDONDO BEACH POWER PLANT		