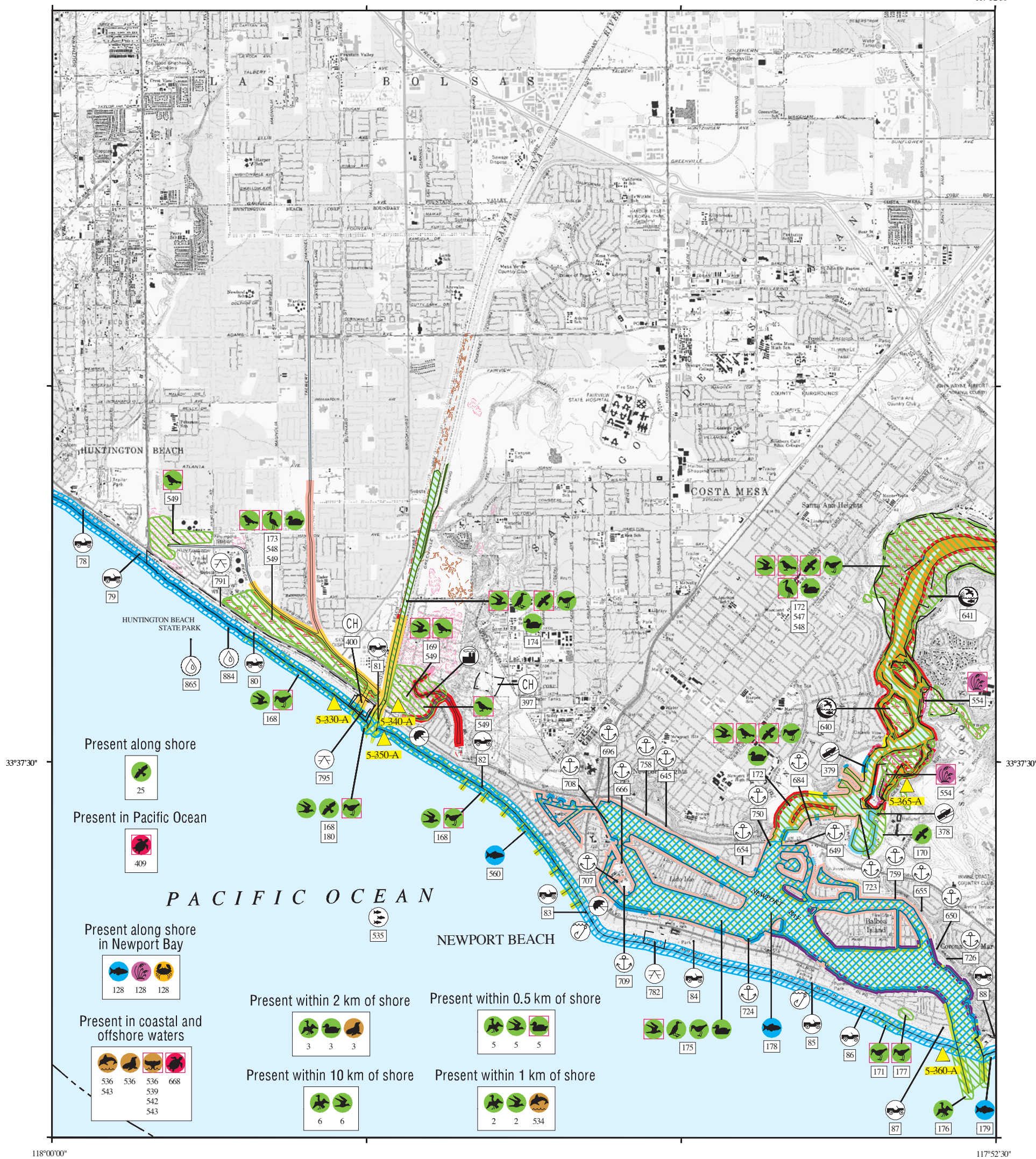


ENVIRONMENTAL SENSITIVITY INDEX MAP

118°00'00"

117°52'30"

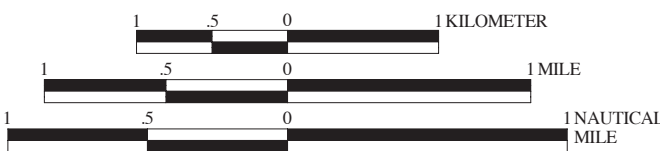


SHORELINE HABITATS (ESI)

- | | |
|---|--|
|  | 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 |

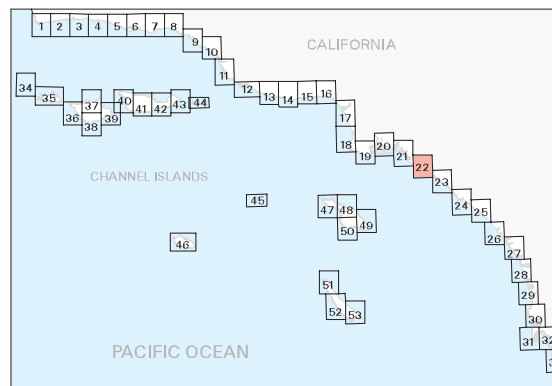


SCALE 1:50000



Not For Navigation
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National Ocean Service
Office of Response and Restoration
Emergency Response Division



NEWPORT BEACH, CALIF. (1981) ESI-22

Southern California: ESIMAP 22

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 X	-	-	-
	Double-crested cormorant		X 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 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 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 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 X	-	-	-
	Western gull		X X X X X X X X X X X X	-	-	-
25	Peregrine falcon		X X X X X X X X X	-	-	-
168	Gulls		X X X X X X X X X X X X	-	-	-
	Shorebirds	HIGH	X X X X X X X X X X X X	-	-	-
	Western snowy plover	C T 0-26 BIRDS	X X X X X X X X X X	-	-	-
169	California least tern	E E 45 PAIRS	X X X X X X X X	APR-SEP	-	-
170	Osprey		X X X X X X X X X X	-	-	-
171	Western snowy plover	C T 9-77 BIRDS	X X X X X X X X X X X	-	-	-
172	American avocet		X X X X X X X X X X X X	MAR-AUG	-	-
	Bald eagle	E	X X X X X X X X X X X X	-	-	-
	Black skimmer	C	X X X X X X X X	-	-	-
	Black-necked stilt		X X X X X X X X X X X X	MAR-AUG	-	-
	California least tern	E E 22-26 PAIRS	X X X X X X X X	APR-SEP	-	-
	Coastal California gnatcatcher	T	X X X X X X X X X X X X	MAR-OCT	-	-
	Gulls	HIGH	X X X X X X X X X X X X	-	-	-
	Northern harrier	C	X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Peregrine falcon		X X X X X X X X X	-	-	-
	Raptors		X X X X X X X X X X X X	-	-	-
	Shorebirds	HIGH	X X X X X X X X X X X X	-	-	-
	Waterfowl	HIGH	X X X X X X X X X X	-	-	-
	White-tailed kite		X X X X X X X X X X X X	-	-	-
173	Wading birds		X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
174	Bald eagle	E	X X X X X X X X X X X X	-	-	-
	Black skimmer	C	X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Seabirds		X X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
175	California least tern	E E	X X X X X X X X	-	-	-
	Seabirds		X X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
176	Brown pelican	0-115 BIRDS	X X X X X X X X	-	-	-
177	Western snowy plover	C T 33-77 BIRDS	X X X X X X X X X X X	-	-	-
180	California least tern	E E 344-550 PAIRS	X X X X X X X X	APR-SEP	-	-
547	Belding's savannah sparrow	E	X X X X X X X X X X X X	MAR-MAY	-	-
548	Light-footed clapper rail	E E	X X X X X X X X X X X X	FEB-JUL	-	-
549	Belding's savannah sparrow	E 50-70 PAIRS	X X X X X X X X X X X X	MAR-MAY	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
128	Rocky intertidal fish		X X X X X X X X X X X X	-	-	-	-	-
178	California grunion		X X X X X X X	-	-	MAR-SEP	MAR-SEP	-
179	California grunion	CONSISTENT RUNS	X X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
560	California grunion	FREQUENT LARGE 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
128	Rocky intertidal plants		X X X X X X X X X X X X
554	Salt marsh bird's-beak	E E	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
128	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	-	-	-	-
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	-	-	-	-
	Dall's porpoise	SECONDARY	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	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	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	-	-	-	-
	Blue whale	E RARE	X X X	-	-	-	-
	Blue whale	E SECONDARY	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	-	-	-	-
	Gray whale	RARE	X X X X X X	-	-	-	-
	Gray whale	SECONDARY	X	-	-	-	-

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 22 (cont.)

BIOLOGICAL RESOURCES: (cont.)

MARINE MAMMAL: (cont.)

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
543	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	Interesting	Juveniles	Adults
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X X	-	-	-	-	-
668	Leatherback sea turtle	E SECONDARY	X X X X X	-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
5-330-A	Talbert Marsh	CDF&G OSPR
5-340-A	Newport Slough Wetland	CDF&G OSPR
5-350-A	Santa Ana River	CDF&G OSPR
5-360-A	Lower Newport Bay	CDF&G OSPR
5-365-A	Upper Newport Bay	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
78	OR-B-1110 HUNTINGTON CITY BEACH	HUNTINGTON CITY BEACH LIFEGUARD HQ	714/536-5281
79	OR-B-1115 HUNTINGTON STATE/CITY BEACHES	HUNTINGTON CITY BEACH LIFEGUARD HQ	714/536-5281
80	OR-B-1120 HUNTINGTON STATE BEACH	HUNTINGTON STATE BEACH	714/536-1454
81	OR-B-1130 SUMMIT ST.	CITY OF NEWPORT BEACH	949/644-3309
82	OR-B-1140 51ST ST.	CITY OF NEWPORT BEACH	949/644-3309
83	OR-B-1150 NEWPORT BEACH PIER	CITY OF NEWPORT BEACH	949/644-3309
84	OR-B-1160 11TH ST.	CITY OF NEWPORT BEACH	949/644-3309
85	OR-B-1170 A ST.	CITY OF NEWPORT BEACH	949/644-3309
86	OR-B-1180 F ST.	CITY OF NEWPORT BEACH	949/644-3309
87	OR-B-1190 CHANNEL ROAD	CITY OF NEWPORT BEACH	949/644-3309
88	OR-C-1210 CORONA DEL MAR STATE BEACH	CITY OF NEWPORT BEACH, REC. DEPT.	949/644-3151

BOAT RAMP:

HUN#	Name	Contact	Phone
378	NEWPORT DUNES MARINA	NEWPORT DUNES MARINA	949/729-3863
379	NORTH STAR BEACH	CITY OF NEWPORT BEACH, REC. DEPT.	949/644-3151

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
397	CRITICAL HABITAT: SAN DIEGO FAIRY SHRIMP	U.S. FISH AND WILDLIFE SERVICE	760/431-9440
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
535	Barred sand bass	X X X X X X X X X X X
	Cabazon	X X X X X X X X X X
	California halibut	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
	California scorpionfish	X X X X X X X X X X X
	California sheephead	X X X X X X X X X X
	California spiny lobster	X X X X X X X
	Dover sole	X X X X X X X X X X X
	Kelp bass	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
	Ocean whitefish	X X X X X X X X X X
	Pacific angel shark	X X X X X X X X X X X
	Pacific bonito	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
	Pacific sanddab	X X X X X X X X X X X
	Pacific sardine	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
	Rockfish	X X X X X X X X X X X
	Sablefish	X X X X X X X X X X X
	Sea cucumbers	X X X X X X X X X X X
	Sea urchins	X X X X X X X X X X X
	Shark	X X X X X X X X X X X
	Sheep crab	X X X X X X X X X X X
	Spot prawn	X X X X X X X X
	Surfperch	X X X X X X X X X X X
	Swordfish	X X X X X X X X X X X
	Thornyhead spp.	X X X X X X X X X X X
	Tuna	X X X X X X X X X X X
	White seabass	X X X X X X X X X X X
	Yellowtail	X X X X X X X X X X X

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
640	UPPER NEWPORT BAY ER	BACK BAY SCIENCE CENTER (CDFG)	949/640-9958
641	UPPER NEWPORT BAY MARINE PARK	CAL NATURAL RESOURCES AGENCY	916/654-1885

MARINA:

HUN#	Name	Contact	Phone
645	ARDELL MARINA, INC.	ARDELL MARINA, INC.	949/642-5735
649	BALBOA MARINA	CALIFORNIA RECREATION CO.	949/721-0111
650	BALBOA YACHT CLUB MARINA	BALBOA YACHT CLUB	949/673-3515
654	BAYSHORE MARINA	CALIFORNIA RECREATION CO.	949/721-0111
655	BAYSIDE MARINA	CALIFORNIA RECREATION CO.	949/721-0111
666	CARLSBERG MARINA	CARLSBERG MARINA	949/723-8485
684	DEANZA BAYSIDE MARINA	DEANZA BAYSIDE MARINA	949/673-1331
696	HARBOR MARINA	HARBOR MARINA	949/642-4644
707	LIDO DRY STACK	BELLPORT GROUP MANAGEMENT	949/723-7780
708	LIDO MARINA VILLAGE	MELVIN ENGINEERS	949/675-8662
709	LIDO YACHT ANCHORAGE	GROUP MANAGEMENT	949/723-7780
723	NEWPORT DUNES MARINA	NEWPORT DUNES MARINA	949/729-3863
724	NEWPORT HARBOR YACHT CLUB	NEWPORT HARBOR YACHT CLUB	949/673-7730
726	ORANGE CTY SHERIFF'S HBR PATROL DIV	ORANGE COUNTY SHERIFF'S HARBOR PATROL DIV	949/723-1002
750	SWALES ANCHORAGE	SWALES ANCHORAGE	949/548-1501
758	VIKINGS PORT	VIKINGS PORT	949/548-1202
759	VILLA COVE MARINA	CALIFORNIA RECREATION CO.	949/721-0111

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Southern California: ESIMAP 22 (cont.)

HUMAN USE RESOURCES: (cont.)

PARK:

HUN#	Name	Contact	Phone
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782	CORONA DEL MAR SB	CITY OF NEWPORT BEACH, REC. DEPT.	949/644-3151
791	HUNTINGTON SB	HUNTINGTON STATE BEACH	714/536-1454
795	LEAST TERN NP	HUNTINGTON STATE BEACH	714/536-1454

WATER INTAKE:

HUN#	Name	Contact	Phone
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865	AES HUNTINGTON BEACH	AES HUNTINGTON BEACH, LLC	
884	WATER INTAKE		