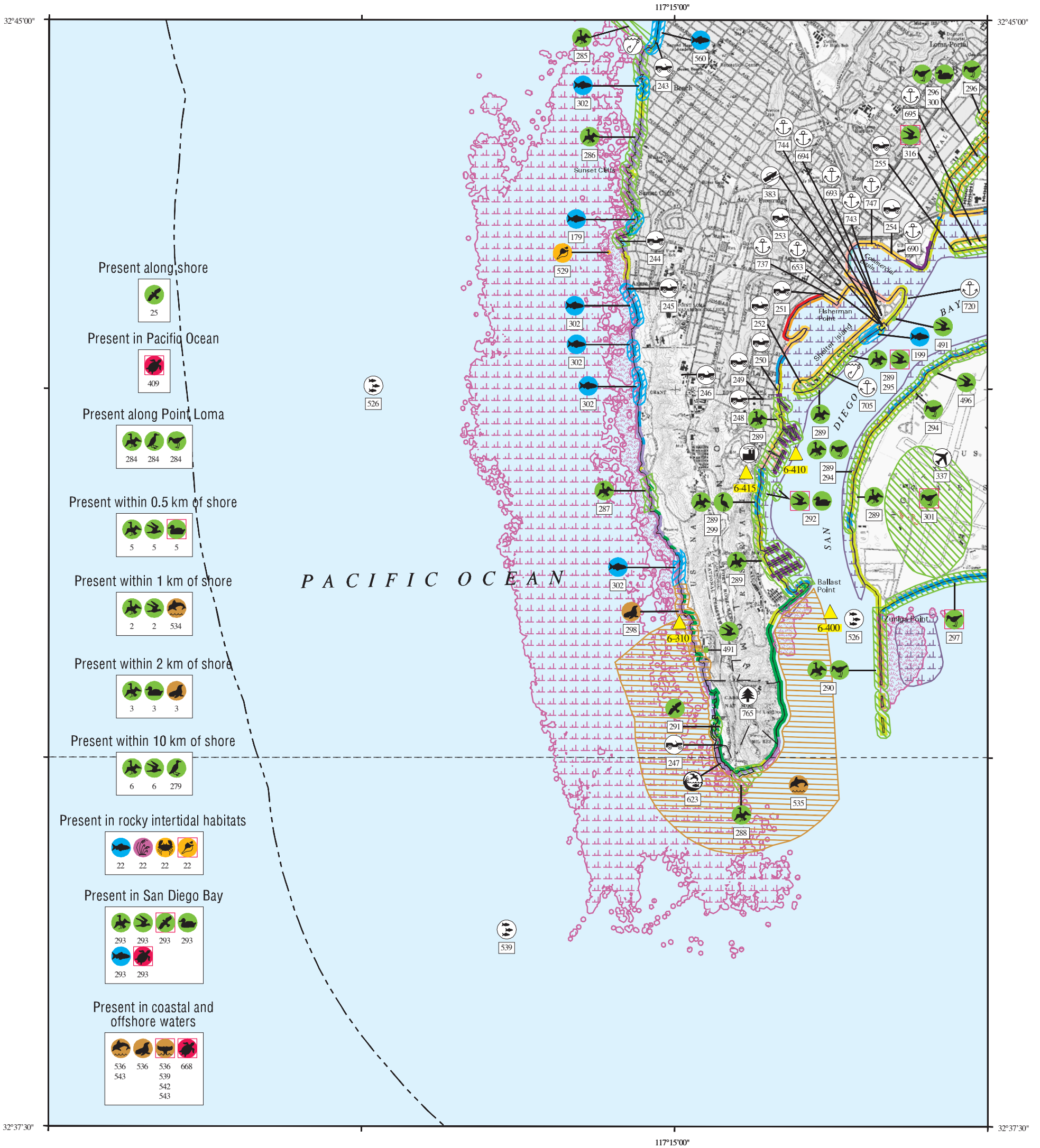


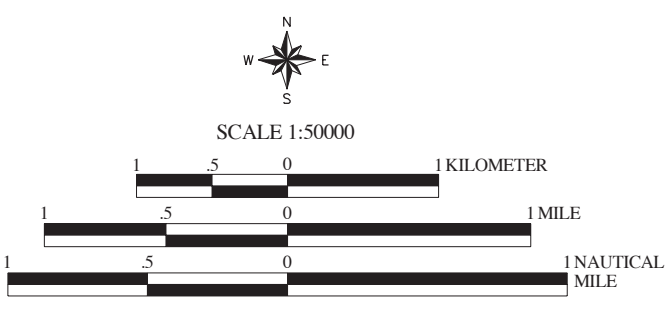
ENVIRONMENTAL SENSITIVITY INDEX MAP



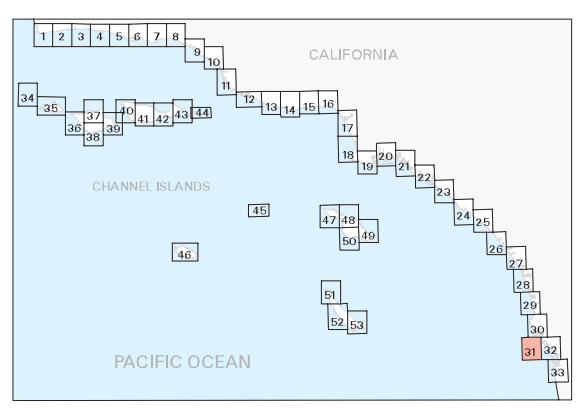
- Present along shore
 - 25
- Present in Pacific Ocean
 - 409
- Present along Point Loma
 - 284 284 284
- Present within 0.5 km of shore
 - 5 5 5
- Present within 1 km of shore
 - 2 2 534
- Present within 2 km of shore
 - 3 3 3
- Present within 10 km of shore
 - 6 6 279
- Present in rocky intertidal habitats
 - 22 22 22 22
- Present in San Diego Bay
 - 293 293 293 293
 - 293 293
- Present in coastal and offshore waters
 - 536 536 536 668
 - 543 539
 - 542
 - 543

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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 Office of Response and Restoration
 Emergency Response Division



Southern California: ESIMAP 31

BIOLOGICAL RESOURCES:

BIRD:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Nesting, Migrating, Molting. Lists various bird species such as California gull, Caspian tern, and Brandt's cormorant with their seasonal occurrences and life cycle events.

FISH:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Spawning, Eggs, Larvae, Juveniles, Adults. Lists fish species like Rocky intertidal fish and California grunion with their seasonal and life cycle data.

HABITAT:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D. Shows habitat occurrence for Rocky intertidal plants.

INVERTEBRATE:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Spawning, Eggs, Larvae, Juveniles, Adults. Lists invertebrate species like Black abalone and Rocky intertidal invertebrates.

MARINE MAMMAL:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Mating, Calving, Pupping, Molting. Lists marine mammal species such as Pacific harbor seal and various dolphin species.

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 31 (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
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			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								-	-	-	-	
	Gray whale	RARE					X	X	X	X	X			-	-	-	-	
	Gray whale	SECONDARY					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	Interesting	Juveniles	Adults
293	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	-	-	-	-	-
668	Leatherback sea turtle	E SECONDARY			X	X	X	X	X					-	-	-	-	MAR-JUL	

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
6-310	Point Loma	CDF&G OSPR
6-400	Entrance San Diego Harbor	CDF&G OSPR
6-410	USN Marine Mammals Research Center	CDF&G OSPR
6-415	Navy Magnetic Silencing Facility	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
243	SD-F-1024 OCEAN BEACH PIER	CITY OF SAN DIEGO PARKS & RECREATION	619/221-8899
244	SD-F-2014 SUNSET CLIFFS PARK (NORTH)	CITY OF SAN DIEGO PARKS & RECREATION	619/221-8899
245	SD-F-2024 SUNSET CLIFFS PARK (SOUTH)	CITY OF SAN DIEGO PARKS & RECREATION	619/221-8899
246	SD-F-3019 NAVY SPAWARS FACILITY		619/553-1011
247	SD-F-4019 CABRILLO NATIONAL MONUMENT		619/557-5450
248	SD-G-1019 POINT LOMA USN FACILITY		619/553-1011
249	SD-G-2016 UCSD SCRIPPS INST. OF OCEAN.		858/534-3624
250	SD-G-3014 KELLOGG ST	SAN DIEGO HARBOR POLICE	619/686-6272
251	SD-G-3024 TALBOT ST. / ANCHORAGE ST.	SAN DIEGO HARBOR POLICE	619/686-6272
252	SD-G-4014 SHELTER ISLAND NORTH	SAN DIEGO HARBOR POLICE	619/686-6272
253	SD-G-5014 SHELTER ISLAND BOAT LAUNCH.	SAN DIEGO HARBOR POLICE	619/686-6272
254	SD-G-6011 DRISCOLL'S WHARF		619/222-4930
255	SD-H-1014 HARBOR ISLAND WEST END	SAN DIEGO HARBOR POLICE	619/686-6272

AIRPORT:

HUN#	Name	Contact	Phone
337	NAS NORTH ISLAND/HALSEY FIELD	PUBLIC AFFAIRS OFFICE	619/545-8167

BOAT RAMP:

HUN#	Name	Contact	Phone
383	SHELTER ISLAND	SAN DIEGO HARBOR POLICE	619/686-6272

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	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
	California spiny lobster	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	
	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
	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	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
	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	
	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
539	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
	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
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	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	
	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
	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

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 31 (cont.)

HUMAN USE RESOURCES: (cont.)

FISHERY AREA: (cont.)

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
539	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
	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 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
	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
623	MIA J. TEGNER MARINE CONSERVATION AREA	CAL NATURAL RESOURCES AGENCY	916/654-1885

MARINA:

HUN#	Name	Contact	Phone
653	BAY CLUB MARINA	FRANK HOPE	619/222-0314
690	DRISCOLL'S WHARF	DRISCOLL FAMILY	619/222-4930
693	GOLD COAST ANCHORAGE	DAVID L FRAZER	619/225-0588
694	HALF MOON ANCHORAGE	F&C HOPE, B COLLINS, E MALORE	619/224-3401
695	HARBOR ISLAND WEST MARINA	BEAUCHAMP REALTY	619/291-6440
705	KONA KAI MARINA	PACIFICA HOTEL GRP	619/224-7547
720	MONTEGO BAY MARINA	H P PURDON	619/224-2471
737	SAN DIEGO YACHT CLUB	2,000 MEMBERS OWN THE CLUB	619/221-8400
743	SHELTER COVE MARINA	H P PURDON	619/224-2471
744	SHELTER ISLAND MARINA	BARTELL HOTELS	619/223-0301
747	SUN HARBOR MARINA	M L LOPRESTE	619/222-1167

NATIONAL PARK:

HUN#	Name	Contact	Phone
765	CABRILLO NATIONAL MONUMENT		619/557-5450

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