SECTION 7.0
FIGURES
FIGURE 7-1
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 1

Projection Information:

Name: WGS 1984 California Transverse Albers
Projection: Albers
Datum: North American 1983

Data Sources:

- Bathymetric Bathymetric Data
- U.S. Fish and Wildlife
- U.S. Bureau of Ocean Energy Management
- U.S. Geological Survey
- U.S. National Ocean Service
- Sea Grant College Program
- National Mariculture Providence
- Kim McLeod
- California Coastal Commission
- Federal/State Scientific Monitoring Data
- University of California, Santa Barbara
- Marine Institute
- Marine Resources Center

Legend:

INTERTIDAL AND NEARSHORE HABITATS

Subregion 1 - Government Point to Rincon Point

Intertidal and Nearshore Habitats

Shore Types

- South Coast Study Region Boundary
- Oil seeps
- Elk Kelp
- Surf Grass
- Eelgrass
- Medium extent of kelp
- Coastal Salt Marsh
- Estuaries

California Marine Life Protection Act (MLPA) Initiative

Map 3.1-1a

Version 2.0
Printing Date: 02/02/2009

SOUTH COAST MARINE PROTECTED AREAS PROJECT
DRAFT ENVIRONMENTAL IMPACT REPORT
FIGURE 7-2
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 2
FIGURE 7-3
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 3
FIGURE 7-4
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 4
FIGURE 7-5
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 5

Intertidal and Nearshore Habitats

Subregion 5 - Agua Hedionda to California / Mexico Border

Shore Types

Intertidal and Nearshore Habitats

Mexico
FIGURE 7-6
INTERTIDAL AND NEARSHORE HABITATS: SUBREGION 7

Intertidal and Nearshore Habitats

Shore Types

Intertidal and Nearshore Habitats

California Marine Life Protection Act (MLPA) Initiative

Projection Information:

Version 2.0
Printing Date 5/29/2009
Map 3.1-1g
FIGURE 7-7
SOFT AND HARD BOTTOM HABITATS: SUBREGION 1
FIGURE 7-8
SOFT AND HARD BOTTOM HABITATS: SUBREGION 2
FIGURE 7-9
SOFT AND HARD BOTTOM HABITATS: SUBREGION 3
FIGURE 7-10
SOFT AND HARD BOTTOM HABITATS: SUBREGION 4

Legend
- South Coast Study Region Boundary
- Riffs and Habitats
- Shipwreck
- Artificial Reefs
- Submarine Canyons
- Maximum Extent of Hard Substrate
- Soft Substrate
- Sulfide Vent

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Disclaimer:

The distribution of habitat types represented on this map is derived from data collected by the South Coast Study as part of the MLPA Initiative. The data was collected in 2009 and 2010, and is subject to error and bias.

Scale:

1.250,000

Projection Information:

Hemis: NAD 1983 California State Plane
Projection: Albers
Datum: North American 1983

Data Source:

California Coastal Commission, California Department of Fish and Game
Los Angeles, CA 90045-0001

Version: 2.6
Printing Date: 7/15/2010
Map 3.1-2D
FIGURE 7-11
SOFT AND HARD BOTTOM HABITATS: SUBREGION 5
FIGURE 7-12
SOFT AND HARD BOTTOM HABITATS: SUBREGION 7

California Marine Life Protection Act (MLPA) Initiative

Legend

- South Coast Study Region Boundary
- Ports & Harbors
- Sheltered Harbors
- Artificial Reefs
- Submarine Canyons
- Maximum Extent of Help
- Substrate
  - Hard
  - Soft
  - Unknown

Projection Information:
- Name: NAD 1983 California State Albers
- Projection: Albers
- Datum: North American 1983

Data Sources:
- California Department of Fish and Game
- NOS National Geophysical Data Center

Version: 2.0

Map 3.1-2 g
FIGURE 7-13
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 1
FIGURE 7-14
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 2

Marine Bird Breeding Colonies and At Sea Diversity Subregion 2 - Rincon Point to Point Dume

Projection Information:
Source: NAD 1983 California State Plane
Projection: Albers
 datum North American 1983

Data Sources:
Base Graphics - Hydrography INSPIRATIONAL and Geology Database
Bird Diversity - USDA Geographic Assessment - Coastal California

Legend
- Small Colony (2001 - 2000 birds)
- Medium (2001 - 8000 birds)
- Large Colony (10001 - 25000 birds)

South Coast Study Region Boundary

Key for Bird Species
ASSP - Black Stork
BLOY - Black Oystercatcher
WEGU - Western Gull
CAAU - Kelp Auklet
PICO - Black Oystercatcher
BOGO - Blue-footed Booby
BRCO - Brandt's Cormorant
GAYU - Gaviota

As Sea Bird Diversity

For more detailed maps, please visit: www.marinebird.org/marinesmap

California Marine Life Protection Act (MLPA) Initiative
FIGURE 7-15
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 3
FIGURE 7-16
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 4
FIGURE 7-17
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 5
FIGURE 7-18
MARINE BIRD BREEDING COLONIES AND AT SEA DIVERSITY: SUBREGION 7
FIGURE 7-19
MARINE MAMMAL HAULOUTS AND ROOKERIES: NORTHERN PORTION OF STUDY REGION
FIGURE 7-20
MARINE MAMMAL HAULOUTS AND ROOKERIES: SOUTHERN PORTION OF STUDY REGION
FIGURE 7-21
AREAS OF FISH BIODIVERSITY: SUBREGION 1

Legend
- South Coast Study Region Boundary
- Isobaths
- Grunion Spawning Locations
- White Seals/Gray Seals
- Fish Diversity
- California Marine Life Protection Act (MLPA) Initiative

Data Sources:
- Benthos: NOAA Benthic Biological Assessment
- Channel MPA
- Grunion: White Seals/Gray Seals - California Department of Fish and Game

Projection Information:
- Name: NAD 1983 California State-Albers
- Projection: Albers
- Datum: North American 1983

Scaling:
- 1:300,000
- 0 1 2 3 Miles

Version: 3.0
Printing Date: 7/4/2009
Map 3.2 - 2a
FIGURE 7-22
AREAS OF FISH BIODIVERSITY: SUBREGION 2

SOUTH COAST MARINE PROTECTED AREAS PROJECT
DRAFT ENVIRONMENTAL IMPACT REPORT

California Marine Life Protection Act (MLPA) Initiative

Legend
- South Coast Study Region Boundary
- Isobaths
- Species-Spawning Locations
- White Sea Bass Growout Facilities
- Fish Diversity
  - Low Fish Diversity
  - High Fish Diversity

Data Sources:
- Diversity - NOAA Beach Geologic Assessment
- Channel islands MG
- Indices - White Sea Bass data - California Department of Fish and Game

Projection Information:
- Name: M/A 1983 California Trans-Albers
- Projection: Albers
- Datum: North American 1983

Scale:
- N 0 12 24 36 48 60 72 Miles
- 1:300,000

Version: 3.2
Printing Date: 7/4/2009
Map 3.2 - 2b
FIGURE 7-24
AREAS OF FISH BIODIVERSITY: SUBREGION 4
FIGURE 7-25
AREAS OF FISH BIODIVERSITY: SUBREGION 5
FIGURE 7-26
AREAS OF FISH BIODIVERSITY: SUBREGION 7

Legend:
- South Coast Study Region Boundary
- Isobaths
- Sargassum Spawning Locations
- White Seabass Grow-out Facilities
- Fish Diversity

California Marine Life Protection Act (MLPA) Initiative

Data Sources:
- Elevation - MNSA geographic assessment - Channel Islands NMS
- Ocean floor bathymetry data - California Department of Fish and Game

Proportion information:
- Scale: 1:700,000

For more detailed maps please visit: www.marinemap.org/marinemap

[Map Image]

Version 2.0
Printing Date: 5/7/2008
Map 3.2 - 2g