



Maped, edited, and published by the Geological Survey.
Control by USGS, USC&GS, and City of San Diego.
Topography by photogrammetric methods from aerial
photographs taken 1966. Field checked 1967.
Supersedes map surveyed 1938-1939, revised 1953.
Selected hydrographic data compiled from USC&GS Chart 5060 (1966)
and hydrographic surveys 1908 and 1934.
This information is not intended for navigational purposes.
Polyconic projection. 1927 North American datum.
10,000 foot grid based on California coordinate system, zone 6
1000 meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue.
Red tint indicates areas in which only landmark buildings are shown.

ESI MAP
NUMBER
37

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 100-FOOT INTERVALS
NATIONAL GEODETIC SURVEY DATUM OF 1929
DEPTH VALUES AND SOUNDINGS IN FEET. DATUM IS MEAN LOWER LOW WATER
EXCEPT WHERE NOTED OTHERWISE. MEAN SEA LEVEL IS 2.0 FEET ABOVE
THE MEAN LOW OF THE TIDE GAUGE AT LA JOLLA.
THIS MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SOUTHERN CALIFORNIA ENVIRONMENTAL SENSITIVITY MAPPING PROJECT

- Index of Shoreline Types**
- 1. Exposed rocky headlands and exposed seawalls.
 - 2. Wave-cut platforms with or without thin sediment cover.
 - 3. Fine grained sand beaches.
 - 4. Exposed medium to coarse grained sand beaches.
 - 5. Sheltered sand beaches.
 - 5a. Mixed sand, gravel, cobble and boulder beaches.
 - 6. Exposed gravel-boulder beaches and exposed riprap structures.
 - 8. Sheltered gravel-boulder beaches and sheltered riprap structures.
 - 9. Sheltered tidal flats.
 - 10. Marshland.
 - Manmade sheltered inner-harbor structures.
- Biological Features**
- Marine Mammals: Sea otter, Seals, Sea lions
 - Birds: Wading birds, Diving birds, Shore birds, Waterfowl, Alcid, Gulls and terns
 - Fishes: Anadromous salmon, Beach spawners
 - Invertebrates: Clams, Abalone
 - Reptiles: Turtles
 - Kelp
 - Eel Grass
- Socioeconomic Features**
- Parks and beaches
 - Mariculture operations
 - Reserves, preserves, refuges and ecological areas.
 - ASBS Areas of Special Biological Significance
- Spill Response Information**
- Boom placements
 - Closures
 - Skimmers
 - Washover locations