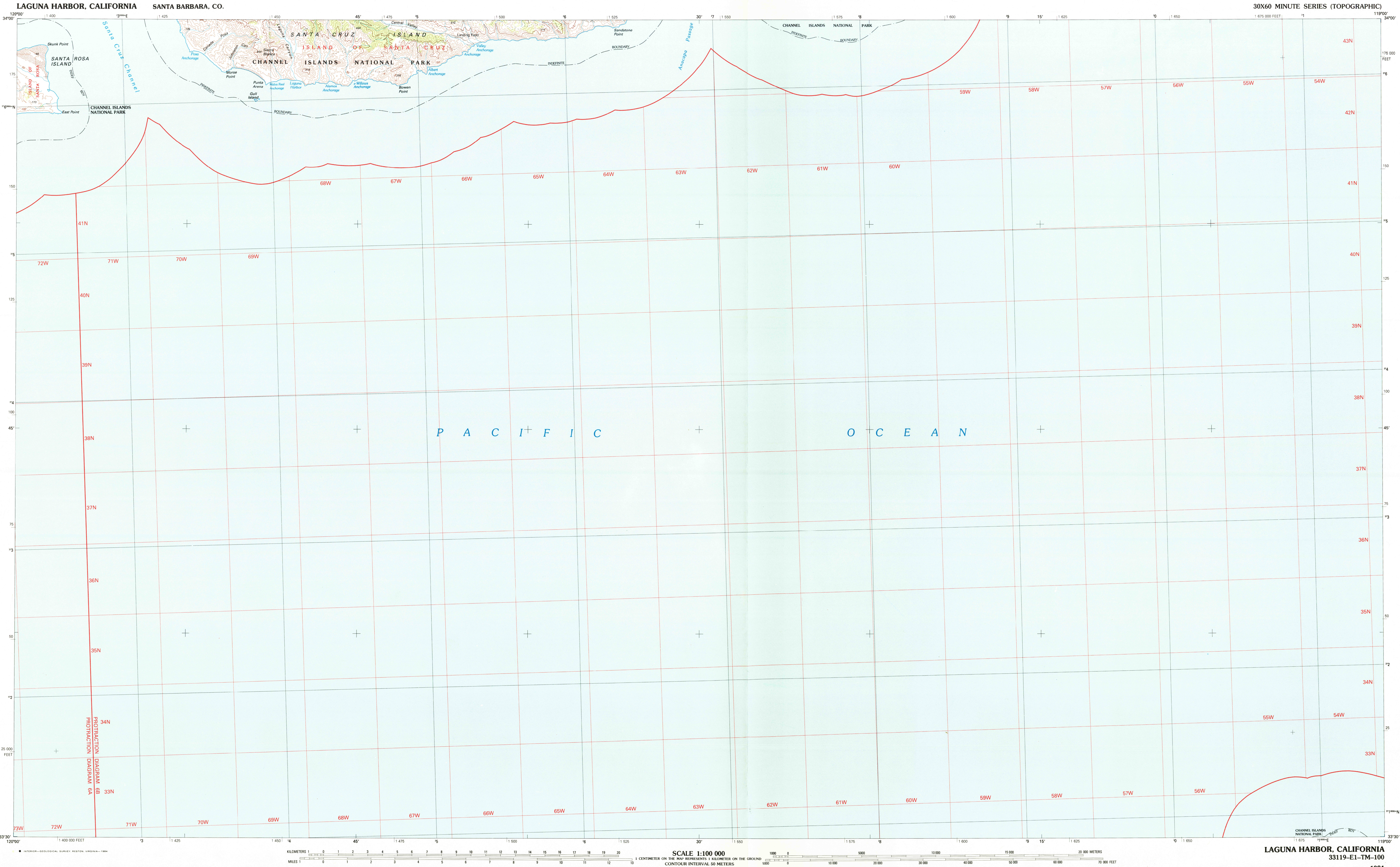




33119-E1-TM-100

Laguna Harbor

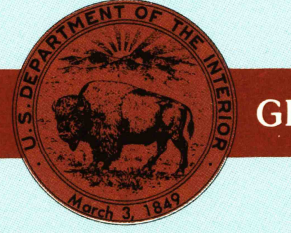
CALIFORNIA

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1943-1973. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1984.

Projection and 10 000-meter grid, zone 11.

Universal Transverse Mercator

25 000-foot grid ticks based on California coordinate system, zone 5, 1927 North American Datum

To place on the predicted North American Datum 1983

Offshore projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protraction Diagrams dated July 24, 1967. The protraction on this map are not for Federal leasing purposes; for such purposes, refer to OCS Official Protraction Diagram available from Minerals Management Service.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map

Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Point Conception
2 Santa Barbara
3 Los Angeles
4 Santa Rosa Island
5 Long Beach
6 San Nicolas Island
7 San Catalina Island
8 Santa Catalina Island

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

Topographic Map Symbols

Primary highway, hard surface

Secondary highway, hard surface

Light duty road, principal street, hard or improved surface

Other road or street, trail

Route marker: Interstate: U. S.; State

Railroad: standard gage; narrow gage

Bridge; overpass; underpass

Tunnel: road; railroad

Built up area, locality, elevation

Airport; landing field; landing strip

National boundary

State boundary

County boundary

National or State reservation boundary

Land grant boundary

Range, township; section line: protected

Range, township; section line: unprotected

Power transmission line; pipeline

Dam; dam with lock

Cemetery; building

Windmill; water well; spring

Mine shaft; adit or cave; mine, quarry; gravel pit

Campground; picnic area; U. S. location monument

Ruin; cliff dwelling

Distorted surface: strip mine, lava, sand

Contours: index; intermediate; supplementary

Bathymetric contours: index; intermediate

Stream, lake; perennial; intermittent

Reefs, large and small; bays, large and small

Area to be submerged; marsh; swamp

Land subject to controlled inundation; woodland

Scrub; mangrove

Orchard; vineyard

A pamphlet describing topographic maps is available on request