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Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:24,000, 1:25,000, and 1:50,000-scale maps dated 1932-1956, and from aerial photographs taken 1950-1955. Field checked 1959. Planimetry revised by USGS in 1975 from aerial photographs taken 1972.
Bathymetry and shoreline compiled by the National Ocean Survey. Bathymetry from hydrographic surveys (see index on this map), supplemented by other hydrographic sources. Shoreline (mean high water line) from National Ocean Survey nautical charts, which are compiled from tide-coordinated aerial photographs. This information is not intended for navigational purposes.
Area covered by dashed light-blue pattern is subject to controlled inundation.
100,000-foot grid based on California coordinate system, zones 5 and 7. Certain land grant names and boundaries are omitted to avoid congestion. Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram. Offshore protection survey data compiled by the Bureau of Land Management. Heavy red lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams. The protections on this map are not for Federal leasing purposes; for such purposes refer to the OCS Official Protection Diagram available from the Bureau of Land Management.

LEGEND

Figures in red denote approximate distances in miles between stars.

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

RAILROADS

Single track double or multiple
Normal gauge
Narrow gauge
Interurban
State
County
Park or reservation

BOUNDARIES

International
State
County
Park or reservation

LANDPLANES

Landplane airport
Landing area
Dry lake
Marsh or swamp
Orchard
Woods/brushwood

POWERS

Power line
Landmark: School; Church; Other
Spot elevation in feet
Approximate shoreline
Sounding datum line

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Kilometers
0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

BATHYMETRIC CONTOUR INTERVALS: 10 METERS TO THE 200 METER DEPTH, 50 METERS TO THE MAXIMUM DEPTH DATUM: MEAN LOWER LOW WATER

SHORELINE SHOWN REPRESENTS MEAN HIGH WATER

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11

MAGNETIC DECLINATION FOR 1975 IS 13° 10' (13.17°) WEST OF THE TRUE

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
OR NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Scale	Survey Number	Survey Date	Scale	Survey Number	Survey Date	Scale
H-5030	1930	1:80,000	H-5499	1933	1:100,000	H-5500	1933	1:100,000
H-5031	1930	1:80,000	H-5501	1933	1:100,000	H-5502	1933	1:100,000
H-5032	1930	1:80,000	H-5503	1933	1:100,000	H-5504	1933	1:100,000
H-5033	1930	1:80,000	H-5505	1933	1:100,000	H-5506	1933	1:100,000
H-5034	1930	1:80,000	H-5507	1933	1:100,000	H-5508	1933	1:100,000
H-5035	1930	1:80,000	H-5509	1933	1:100,000	H-5510	1933	1:100,000
H-5036	1930	1:80,000	H-5511	1933	1:100,000	H-5512	1933	1:100,000
H-5037	1930	1:80,000	H-5513	1933	1:100,000	H-5514	1933	1:100,000
H-5038	1930	1:80,000	H-5515	1933	1:100,000	H-5516	1933	1:100,000
H-5039	1930	1:80,000	H-5517	1933	1:100,000	H-5518	1933	1:100,000
H-5040	1930	1:80,000	H-5519	1933	1:100,000	H-5520	1933	1:100,000
H-5041	1930	1:80,000	H-5521	1933	1:100,000	H-5522	1933	1:100,000
H-5042	1930	1:80,000	H-5523	1933	1:100,000	H-5524	1933	1:100,000
H-5043	1930	1:80,000	H-5525	1933	1:100,000	H-5526	1933	1:100,000
H-5044	1930	1:80,000	H-5527	1933	1:100,000	H-5528	1933	1:100,000
H-5045	1930	1:80,000	H-5529	1933	1:100,000	H-5530	1933	1:100,000
H-5046	1930	1:80,000	H-5531	1933	1:100,000	H-5532	1933	1:100,000
H-5047	1930	1:80,000	H-5533	1933	1:100,000	H-5534	1933	1:100,000
H-5048	1930	1:80,000	H-5535	1933	1:100,000	H-5536	1933	1:100,000
H-5049	1930	1:80,000	H-5537	1933	1:100,000	H-5538	1933	1:100,000
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GRID ZONE DESIGNATION

11S

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