CALIFORNIA GEOLOGICAL SURVEY
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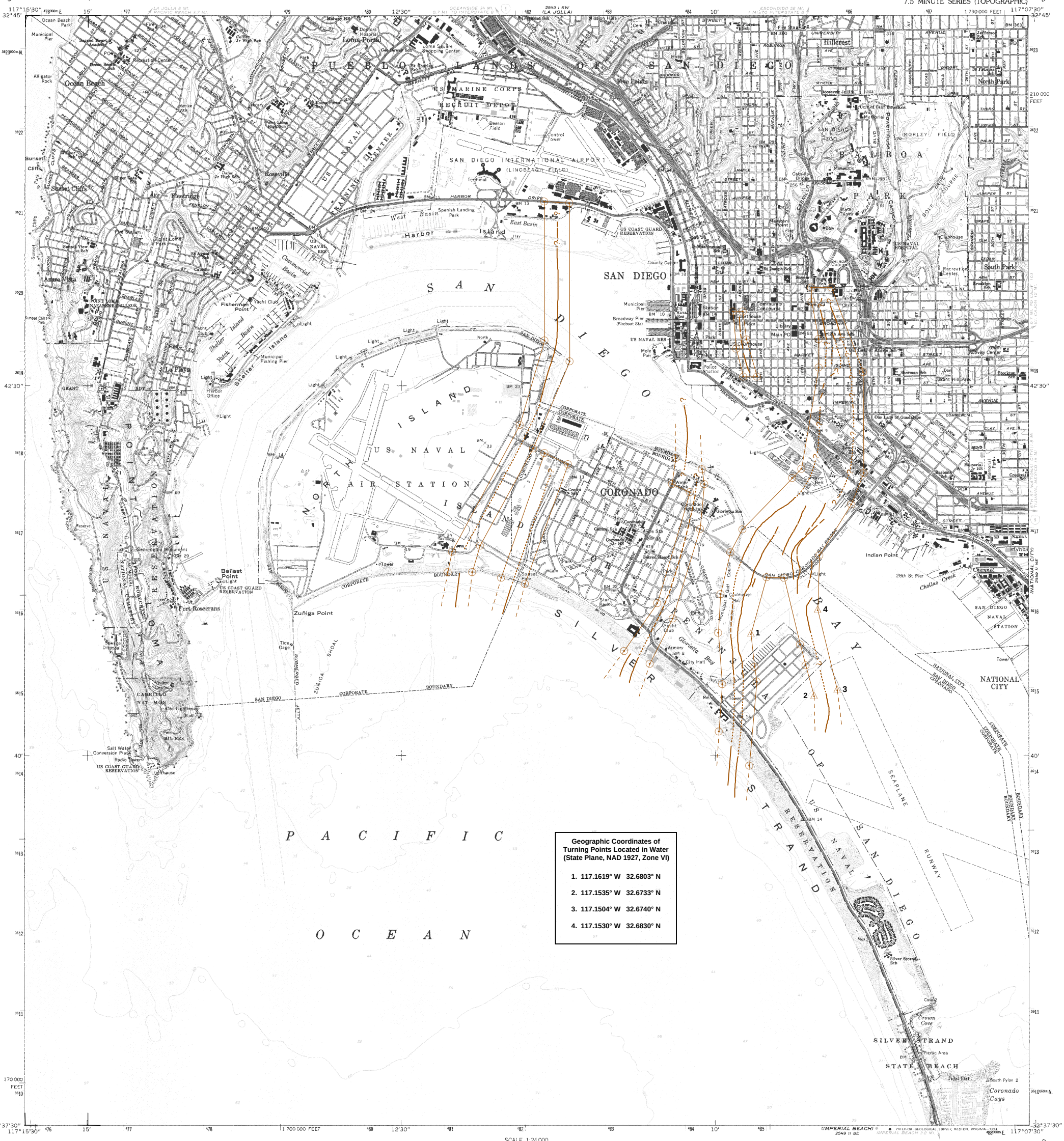
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

POINT LOMA QUADRANGLE
CALIFORNIA–SAN DIEGO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Geographic Coordinates of Turning Points Located in Water (State Plane, NAD 1927, Zone VI)

1. 117.1619° W 32.6803° N
2. 117.1535° W 32.6733° N
3. 117.1504° W 32.6740° N
4. 117.1530° W 32.6830° N

Topographic base map by U.S. Geological Survey 1994

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET–DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 4 FEET

MAP EXPLANATION

Active Faults

1906 C

Faults considered to have been active during Holocene time and have potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.

Earthquake Fault Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define Earthquake Fault Zone segments.

Turning point located in water and delineated by geographic coordinates.

Seaward projection of zone boundary.

STATE OF CALIFORNIA
EARTHQUAKE FAULT ZONES

Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code
(Alquist-Priolo Earthquake Fault Zoning Act)

POINT LOMA QUADRANGLE

REVISED OFFICIAL MAP

Effective May 1, 2003

State Geologist

REFERENCES USED TO COMPILE FAULT DATA

Point Loma Quadrangle

Kennedy, M.P., and Welday, E.E., 1980, Character and recency of faulting offshore, metropolitan San Diego, California: California Division of Mines and Geology Map Sheet 40, scale 1:50,000.

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Kennedy, M.P., and Clarke, S.H., 1999, Age of faulting in San Diego Bay in the vicinity of the Coronado Bridge - an addendum to -- Analysis of late Quaternary faulting in San Diego Bay and hazard to the Coronado Bridge: California Department of Conservation, Division of Mines and Geology Open-File Report 97-10B.

Kleinfelder, Inc., 1998, Final report of fault hazard, study of sites "A", "B", and "C", including site specific recommendations for fault hazard mitigation for site "B", downtown Marina Sub Area, San Diego, California: Unpublished consultants report, Job No. 51-4652-00-001, February 2, 1998.

Owen Consultants, 1989 and 1990, Geotechnical and environmental investigation, proposed Civic Center site, San Diego California: Unpublished consultant's report to City of San Diego, August 25, 1989, Project No. 115.116.1; also Addendum No. 1 (Feb. 21, 1990) and Addendum No. 2 (April 27, 1990).

Testing Engineers-San Diego, Dames and Moore, and Woodward-Clyde Consultants, 1985, Geologic and fault investigation, San Diego Police Administration and Technical Center: Unpublished consultant's report to Starboard Development Company, May 17, 1985, 8 sections.

Treiman, J.A., 1990, Rose Canyon fault zone, San Diego County, California: Division of Mines and Geology Fault Evaluation Report FER-156 (unpublished).

Treiman, J.A., 2002, Silver Strand fault, Coronado fault, Spanish Bight fault, San Diego fault, and Downtown graben, southern Rose Canyon fault zone, San Diego County, California: California Geological Survey Fault Evaluation Report FER-245 (unpublished).

Treiman, J.A., 2003, Silver Strand fault, Coronado fault, Spanish Bight fault, San Diego fault, and Downtown graben, southern Rose Canyon fault zone, San Diego County, California: California Geological Survey Supplement No. 1 to Fault Evaluation Report FER-245 (unpublished).

For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at regional offices of CGS.

IMPORTANT - PLEASE NOTE

1) *This map may not show all faults that have the potential for surface fault rupture, either within the Earthquake Fault Zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the Earthquake Fault Zones.
3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
4) Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations required under Chapter 7.5 of Division 2 of the California Public Resources Code.
5) This map does not show Seismic Hazard Zones, if any, that may exist in this area. Please refer to the latest Official Maps of Seismic Hazard Zones for disclosures and other actions that are required by the Seismic Hazards Mapping Act. For more information on this subject see DMG Special Publication 117.
6) *DISCLAIMER: The State of California and the Department of Conservation make no representations or warranties regarding the accuracy of the data from which these maps were derived. Neither the State nor the Department shall be liable under any circumstances for any direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the use of this map.*