

**EXPLANATION**

SCALE, IN METERS

SEA LEVEL  
200  
3000  
4500

**MAP SYMBOLS**

— Bathymetric contour  
— Topographic contour  
— Exclusive Economic Zone boundary

**DATA SOURCES**

All contours, geographic outlines, and political boundaries shown on this map of the bottom topography, or bathymetry, of the Pacific continental margin between 34° and 41°N latitude were plotted from digital data bases in the library of the U.S. Geological Survey (USGS)-National Oceanic and Atmospheric Administration (NOAA) Joint Office for Mapping and Research (COMAR). These digital data were obtained and compiled from many sources; consequently, data quality varies within particular data bases as well as from one data base to another.

Bathymetric contours were digitized from a map compiled by Chase and others (1981) and from the unpublished large scale versions of that map (T.E. Chase unpub. maps, 1981). Data for the area covered by the continental slope (>2000 m depth) were obtained primarily from the U.S. Coast and Geodetic Survey (CGCS) 1965 Pacific Exploratory Survey, a systematic and detailed (8-nmi-trackline spacing) survey between Mexico and Canada. The USGS provided data from cruises 75-76-NC, 815-79-NC, 12-77-NC, 110-76-NC, and Bartlett 72. Data were also obtained from Scripps Institution of Oceanography cruises Mernster, Blue Flash, Korak II, Sean I, and Seven Tow (Chase and Menard, 1971; Chase and others, 1976; Wilde and others, 1976; Wilde and others, 1976). The 200-m contour was derived from the National Ocean Survey charts 13088-20 (1975), 13076-118 (1964), 13076-108 (1954), and CGCS chart 13088-12 (1969). Sea-floor depths were corrected for sound velocity in sea water using Mathews's (1939) tables.

Onshore topographic contours were generated by computer from a modified version of 3-arc-second elevation data provided by the Defense Mapping Agency.

The United States digital shoreline was derived from the NOAA, National Ocean Service, National Charting Division, National Atlas files data. The primary source of names of the sea floor features was the "Gazetteer of Undersea Features" (Defense Mapping Agency, 1990).

**ACKNOWLEDGMENTS**

Christopher Hines assisted in the construction and verification of the digital data bases. Reviews and suggestions by Edward C. Rowlett and Florence Wong and comments provided by Will Stetler regarding the cartographic design substantially improved the quality of this map.

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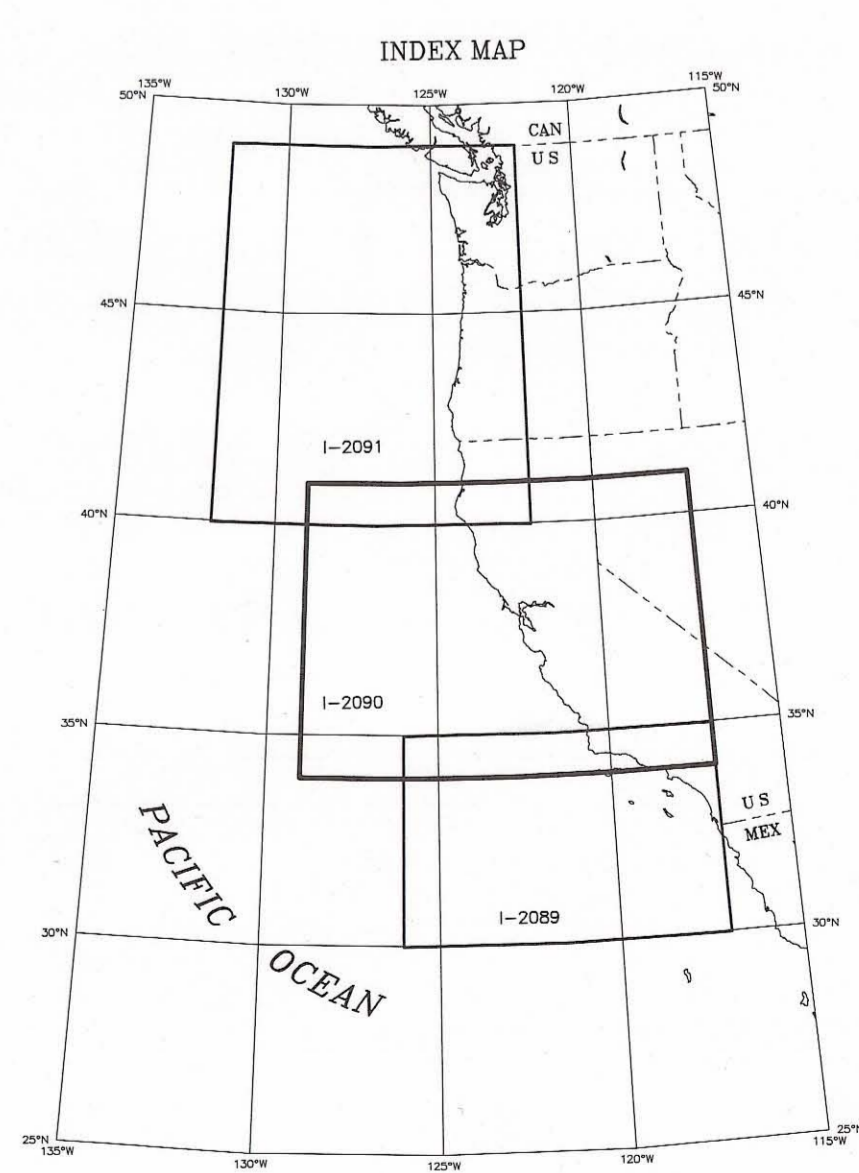
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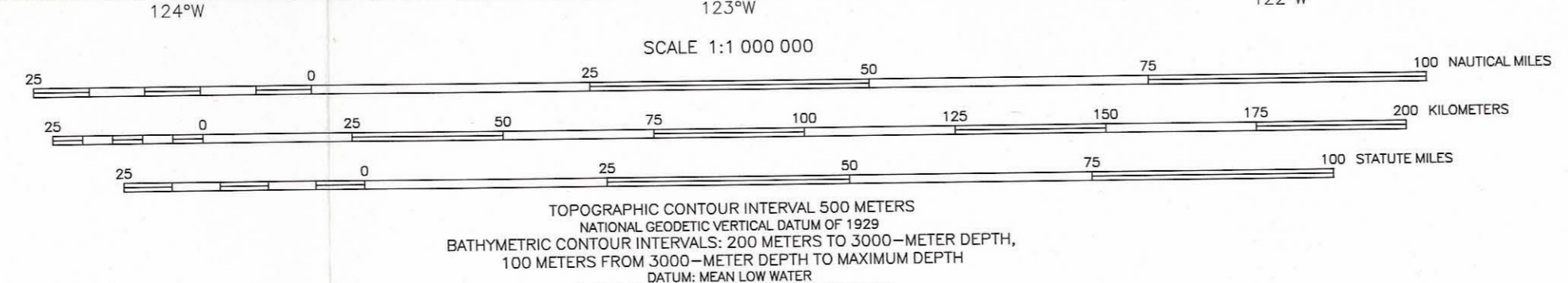
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**CONTINENTAL MARGIN MAPS**

A part of the U.S. Geological Survey (USGS) marine mapping program is the preparation of the Continental Margin Map (COMMAP) series at a scale of 1:1,000,000. These maps are organized in overlapping panels that provide complete coverage of the Nation's Exclusive Economic Zone (EEZ). This map is one of three that provide coverage of the Pacific continental margin of the contiguous United States.



Albers Equal-Area Conic projection; standard parallels 29°30'N and 45°30'N.  
Bathymetric data compiled from sources of variable quality. This information is not intended for navigational purposes.



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**MAP SHOWING BOTTOM TOPOGRAPHY OF THE PACIFIC CONTINENTAL MARGIN, CAPE MENDOCINO TO POINT CONCEPTION**

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