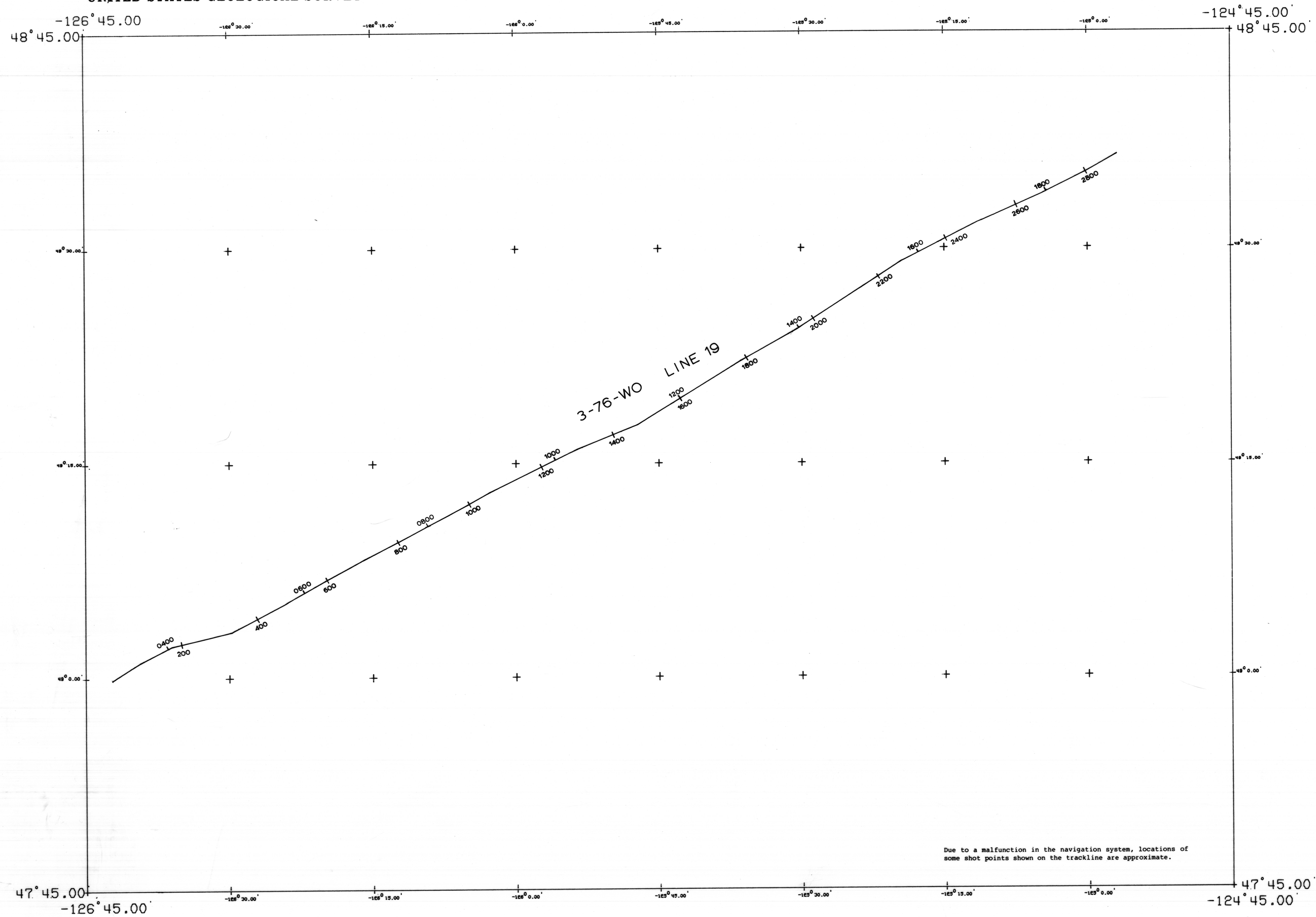


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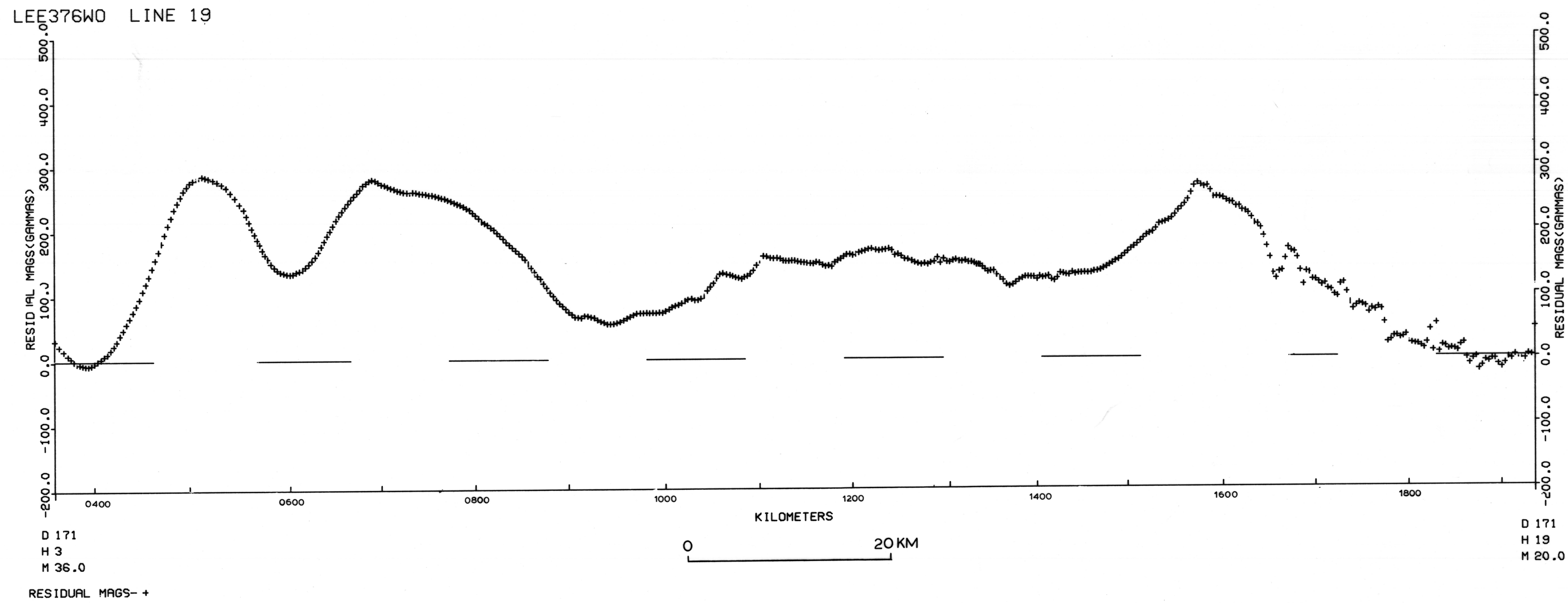
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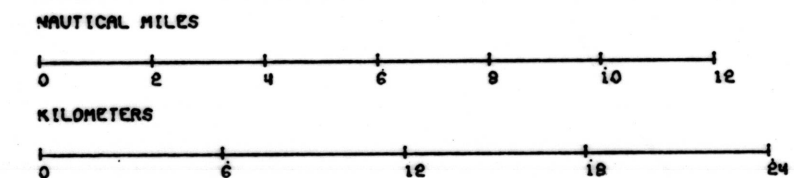


L37640 FINAL SHOT POINTS LINE 19 MERCATOR 1:250K

LEE376WO LINE 19



MAP SCALE 1 / 250000.00



MERCATOR PROJECTION
STANDARD PARALLEL = 48.2500
DISTANCE BETWEEN GRID MARKS:
LATITUDE = 0.2500
LONGITUDE = 0.2500

NAVIGATION LEGEND
FIX SYMBOL — EVERY POINT
TIME SYMBOL — EVERY 10 MINUTES
LINE LABEL. 3-76-WO LINE 19

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Geophysical Data Collected on the Continental Margin
Midway Between Washington State and Vancouver Island, B. C.,
Along Line 19, USGS R/V S. P. LEE Cruise 3-76

by
P. D. Snively, Jr.

During 1976 the U.S. Geological Survey collected 24-channel seismic reflection and magnetic data across the continental margin midway between Washington State and Vancouver Island, B. C. The profile, Line 19, was collected aboard the R/V S. P. LEE using a sound source of five airguns totaling 1326³. The recording system consisted of a 24-channel streamer (2400 meters long) and GUS (Global Universal Science) model 4300 digital recording instrument. Multichannel seismic-reflection data were sampled at a 2-millisecond rate and later processed at a 4-millisecond rate. Magnetic data were obtained using a Proton-precision magnetometer. Navigational control for the survey was by satellite fixes augmented by doppler-sonar dead reckoning.

The seismic and magnetic data along Line 19 may be examined at the U.S. Geological Survey office, Room B-164, Deer Creek Facility, 3475 Deer Creek Road, Palo Alto, California. Copies of the data on 35-mm continuous flow film are available through the National Geophysical and Solar-Terrestrial Data Center, NOAA, Boulder, CO 80302, telephone (303) 499-1000, ext. 6542.

References

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- Yorath, C. J., Woodsworth, G. J., Snively, P. D., Jr., and Chase, R. L., 1981, Three structure sections across the Pacific continental margin [abs.]: Geological Association of Canada 1981 Annual Meeting, May 11-13, Calgary, Alberta, Canada.

Open-File Report
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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.