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APPENDIX 1.

SUBMARINE TOPOGRAPHY OF NORTHEASTERN PAPUA NEW GUINEA

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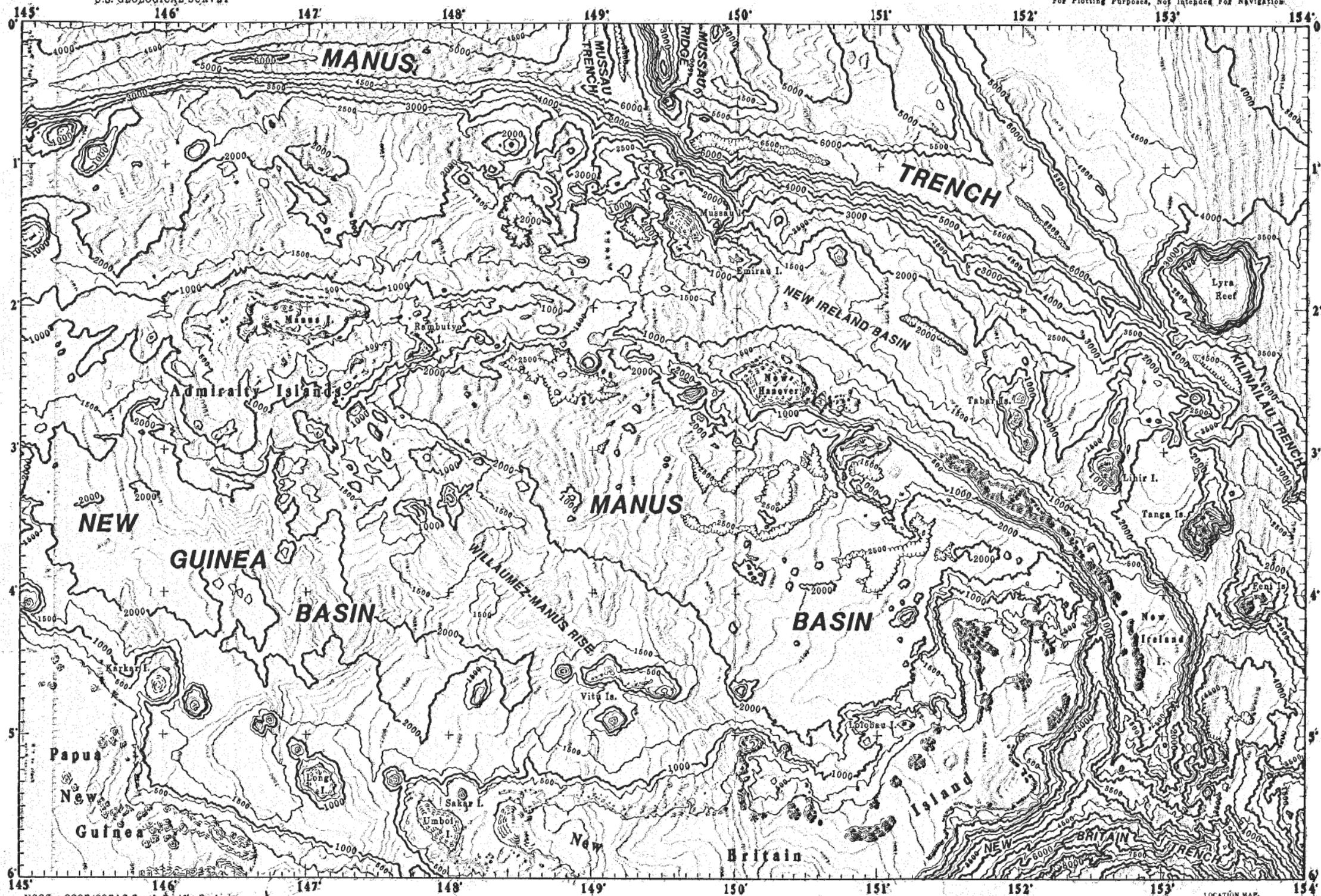
INTRODUCTION

A series of submarine topography maps have been prepared for northeastern Papua New Guinea. The maps are shown in Figures 1-5 and are all Mercator projections reduced to double-page size. Figure

1 is a regional map showing all the major bathymetric features in the area. Figures 2-5 are more detailed and show the area covered in 1984 by the R/V *S.P. Lee* cruise (cruise L7-84-SP). Additional information regarding procedures used in preparing the maps can be obtained by contacting the authors.

DEPARTMENT of the INTERIOR
U.S. GEOLOGICAL SURVEY

For Plotting Purposes, Not Intended For Navigation



USGS - CCOP/SOPAC South Pacific Project

Scale at 3°
KILOMETERSMercator Projection
Contour Interval = 500 meters
Corrected for sound velocity in sea waterNOTE: Island topographic shapes for enhancement only
No contour interval used.

Figure 1. Submarine topography of northeastern Papua New Guinea. Contour interval is 500 m (based on depth-corrected acoustic soundings). Detailed topography of the northern and eastern regions of Papua New Guinea is shown in Figures 2-4. Prepared by T.E. Chase, B.A. Seekins, J.D. Young, and S.V. Dadisman, 1987.



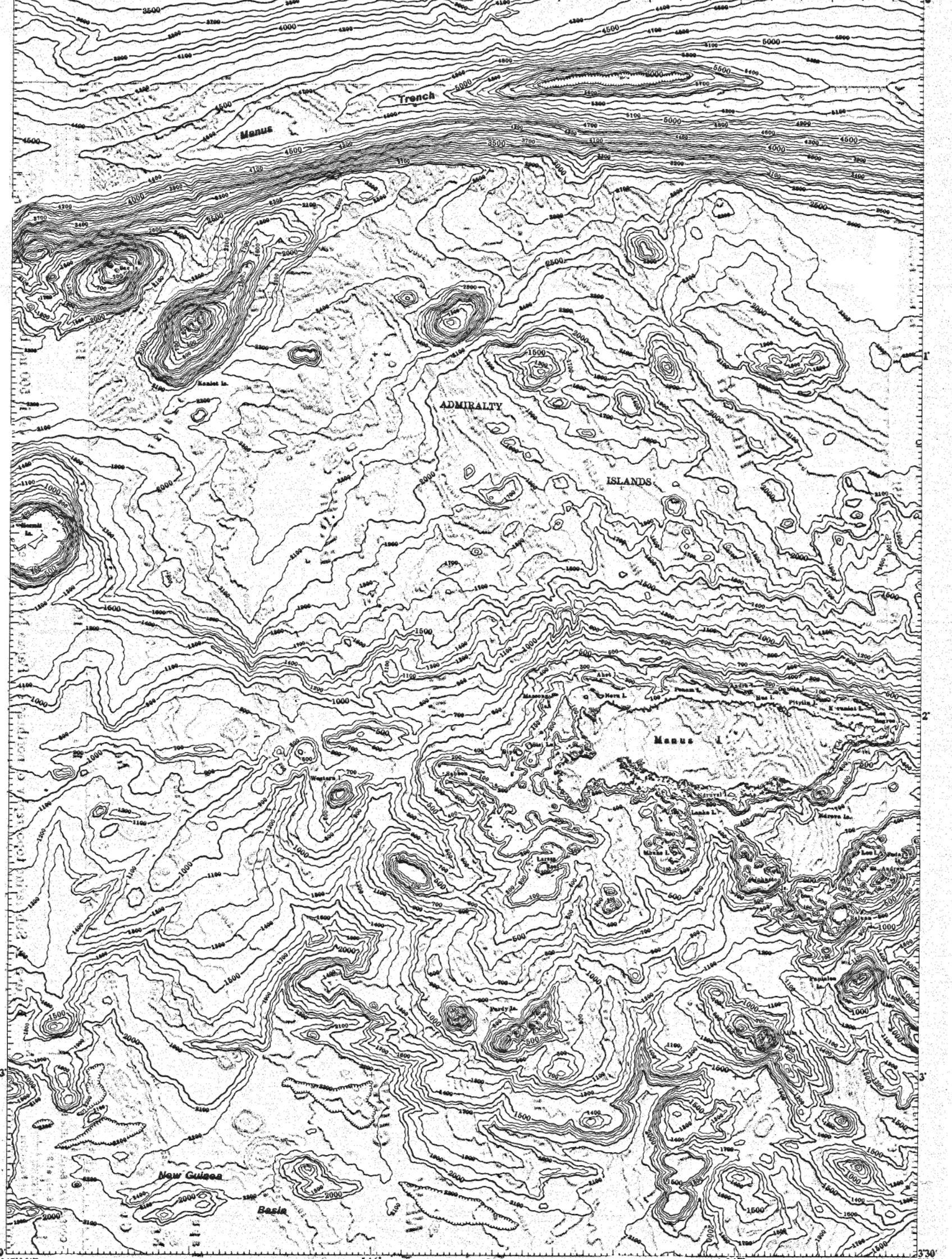
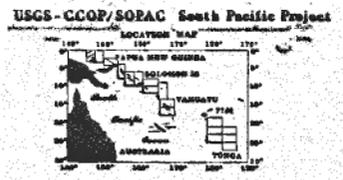
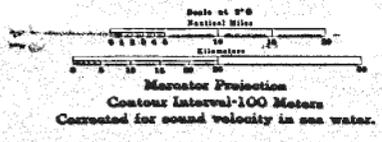


Figure 2. Detailed submarine topography of part of the northern region of Papua New Guinea. Contour interval is 100 m (based on depth-corrected acoustic soundings). Prepared by T.E. Chase, B.A. Seakins, J.D. Young, and S.V. Dadisman, 1988.



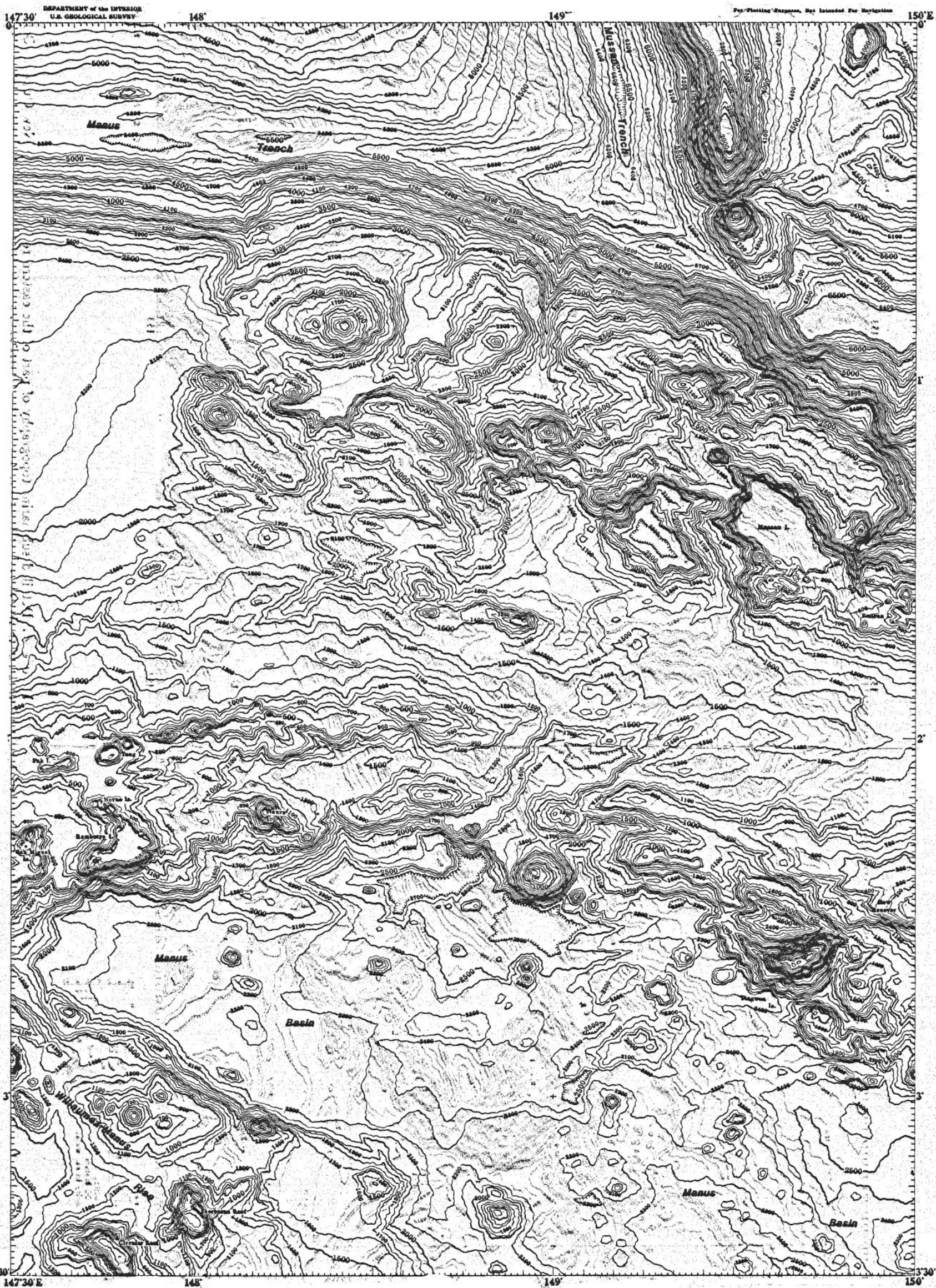


Figure 3. Detailed submarine topography of part of the northern region of Papua New Guinea. Contour interval is 100 m (based on depth-corrected acoustic soundings). Prepared by T.E. Chase, B.A. Seekins, J.D. Young, and S.V. Dadisman, 1986.



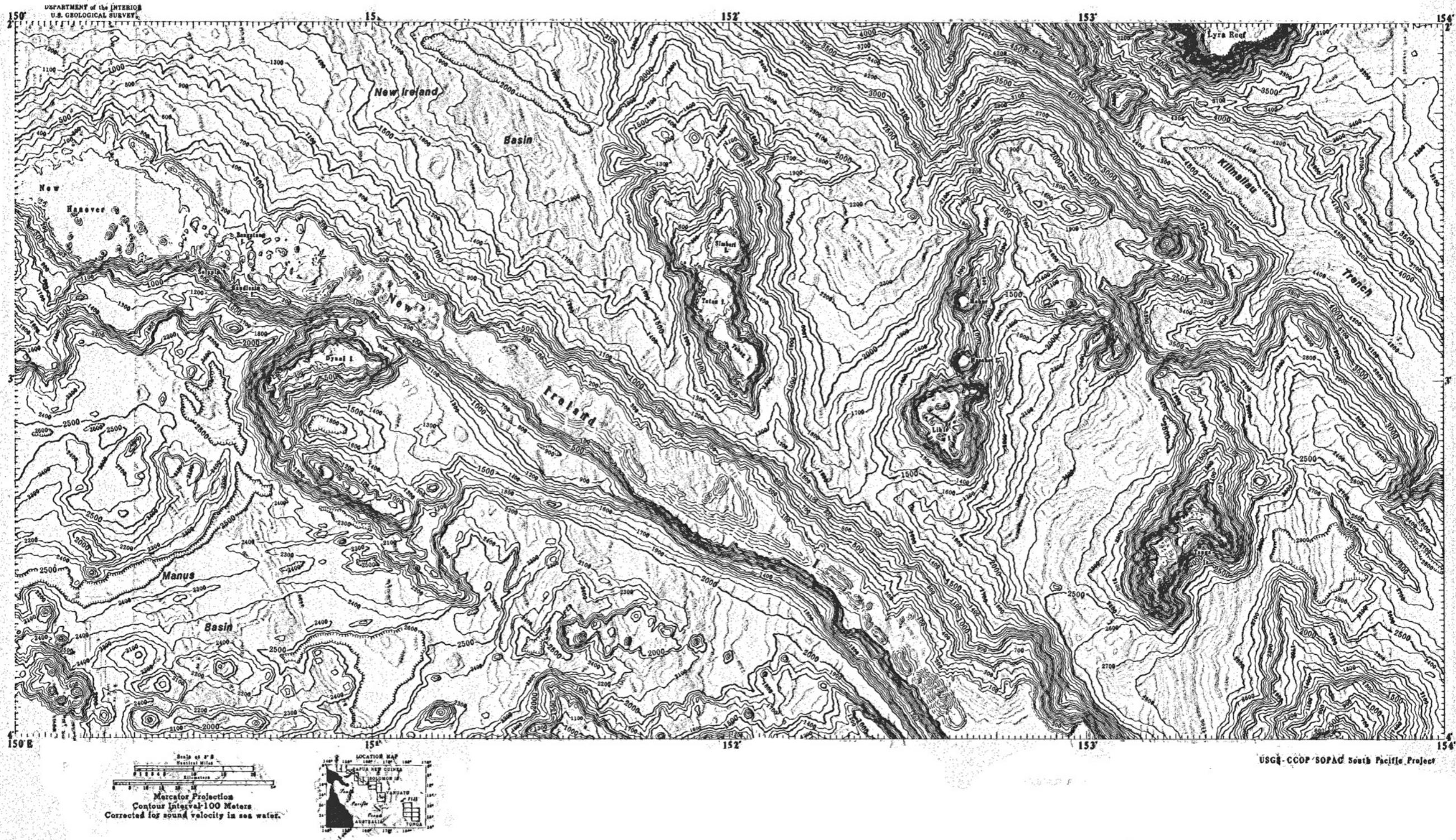


Figure 4. Detailed submarine topography of part of the eastern region of Papua New Guinea. Contour interval is 100 m (based on depth-corrected acoustic soundings). Prepared by T.E. Chase, B.A. Seekins, J.D. Young, and S.V. Dadisman, 1986.

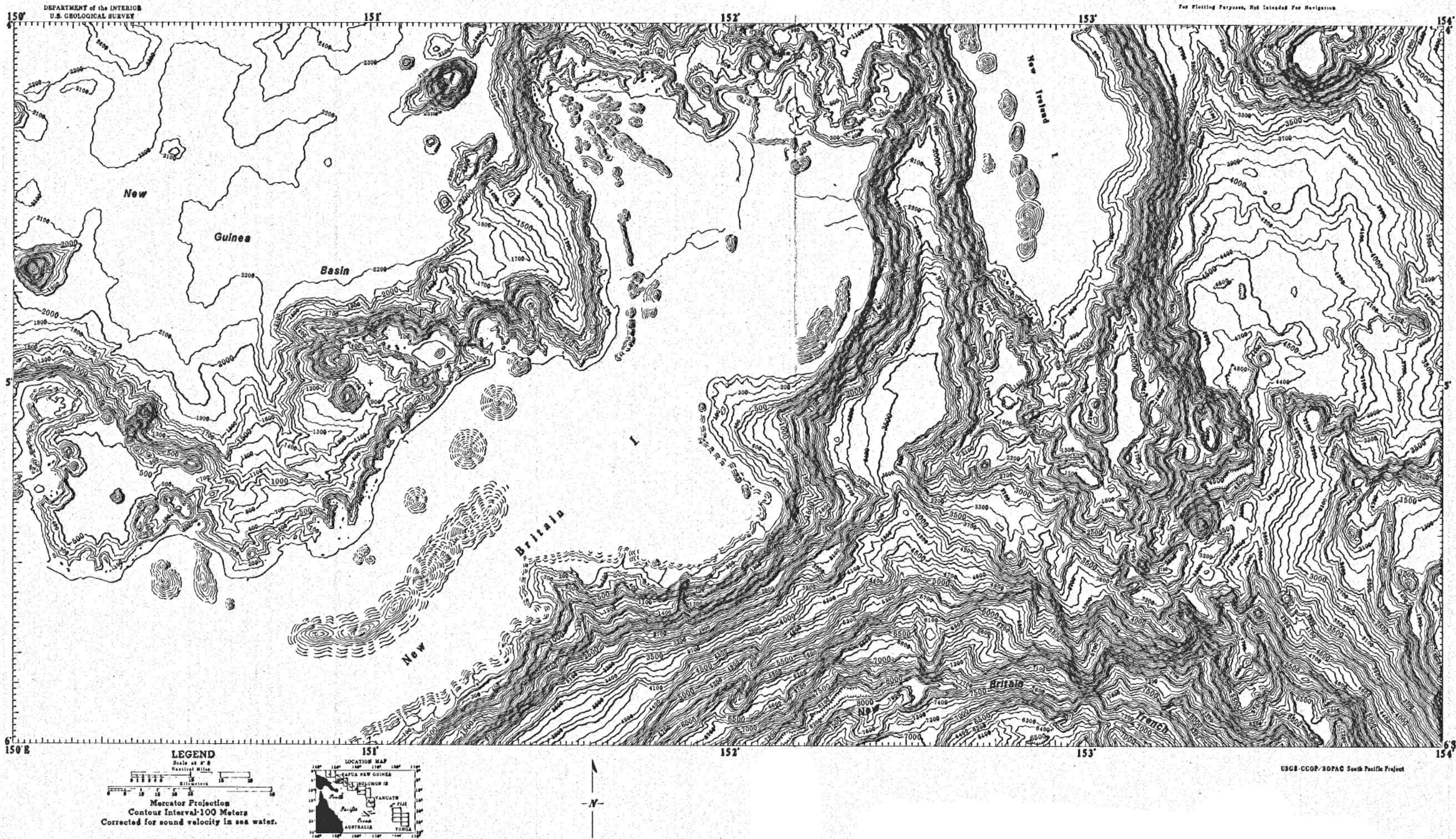


Figure 5. Detailed submarine topography of part of the eastern region of Papua New Guinea. Contour interval is 100 m (based on depth-corrected acoustic soundings). Prepared by T.E. Chase, B.A. Seekins, J.D. Young, and S.V. Dadisman, 1988.