U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 02-419-L

MARINE TOPOGRAPHY OF OFFSHORE ANTARCTICA: CLARIE COAST TO ROSS ICE SHELF (LONG 130° E. TO 170° W.)

Edited by T.E. Chase and B.A. Seekins

Ross Island and Environs (Lat 75°30'–78°30' S., Long 160°–170° E.)

By

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2002

LEGEND

Mercator Projection
Contour Interval 100 Meters
Corrected for sound velocity in sea water.
Scale
KILOMETERS

N

NOTES

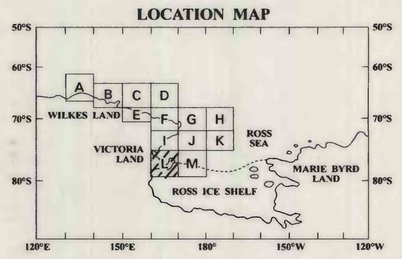
These charts have been compiled from various types of data in an attempt to make a presentation of the sea floor topography in this region. Previously collected soundings and published contours have been incorporated with tracklines and bathymetric profiles collected aboard the research vessel *S.P. Lee* during USGS cruises L1–84 and L2–84 in January and February 1984.

Due to the remoteness of this region and the extreme weather conditions that can prevail in these waters, the navigational control of the base is variable in quality and quantity. Therefore, these charts do not represent the final configuration of the sea floor but are an interpretation from the source material available at the time of compilation. It must also be noted that the shorelines of the Antarctic landmass are subject to change due to ice conditions.

These charts are not intended for use in navigation.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

LOCATION MAP



Sheets A–M of the areas shown on the location map have been prepared as USGS Open-File Reports 02–419–A through –M. These reports, as well as an explanatory text chapter (Open-File Report 02–419–N), are available individually for sale from the U.S. Geological Survey, Information Services, Box 25286, Denver, CO 80225; telephone 1-888-ASK-USGS. Purchase of chapter N is recommended with purchase of any of the sheets.

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