

Legend

Continental and coastal features

- Ice shelf
- Grounded ice
- Glacier tongue
- Coastline
- Ice front

Scientific Stations

- Permanent station
- Summer station

Depths

- 0
- 100
- 200
- 600
- 2000
- 4000

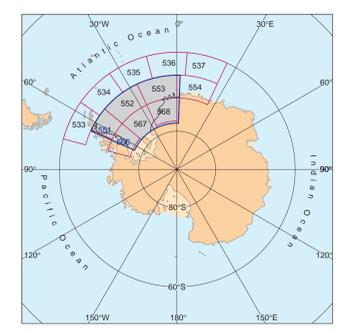
Depth Contours and Grid Data

- 100 m
- 200 m
- 1000 m
- Depression
- Grid data point

Scale: 1 : 3 000 000  
 Map projection: Polar stereographic  
 Standard parallel: 71°S  
 Horizontal reference system: Geodetic Reference System 1980 (GRS80)  
 Horizontal datum: World Geodetic System 1984 (WGS84)



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General Information

**THIS CHART IS NOT TO BE USED FOR NAVIGATION**  
 Due to incomplete survey coverage uncharted dangers may exist, particularly at depths less than 200 metres.  
 For information on navigation, magnetic variation, ocean currents, and ice in the Weddell Sea, consult the Sailing Directions and Routing Charts and contact the national hydrographic offices or the International Hydrographic Bureau (IHB).  
 For information on research stations and glaciology contact the Scientific Committee on Antarctic Research (SCAR).  
 Digital bathymetry is part of the General Bathymetric Chart of the Oceans (GEBCO) Digital Atlas (GDA), published by the British Oceanographic Data Centre (BODC), Bournemouth, UK, on behalf of the Intergovernmental Oceanographic Commission of UNESCO (IOC) and the International Hydrographic Organization (IHO) as part of the GEBCO (IOC, IHO, and BODC 1997; "GEBCO '97", The 1997 Edition of the GEBCO Digital Atlas).  
 The map projection parameters are in accordance with the SCAR Working Group on Geodesy and Cartography recommendations. Standard symbols for use on topographic maps of Antarctica. Division of National Mapping, Canberra, Australia, 1961.

Mean Sea Level (MSL) is used as vertical datum. Depth values are referenced to instantaneous sea level at the time of observation. Depths are shown in metres assuming a sound velocity in water of 1500 m/s. Tidal heights throughout the area are in the order of 2 m.  
 Multibeam survey by RV "Polarstern" carried out by Jens Focke, Birk Haggen, Klemens Heidland, Heinrich Hinz, Jürgen Mook, Fred Niederjasser, Hans Werner Schenke, Tilo Schöne, and Stefan Steinmetz.  
 Geographical names and their spelling do not necessarily reflect recognition of the political status of an area by the editor. References for names:  
 • BODC Gazetteer of Geographic Names of Undersea Features, BODC Publication B.8, 1994.  
 • Gazetteer of the Antarctic, Defence Mapping Agency (USA), 4th edition April 1990.  
 • The Antarctic Pilot, Hydrographer of the Navy (USA), 4th edition, 1974, corrected to 2nd Sept. 1981.  
 • Index of German-Language Antarctic Place Names, Institut für Angewandte Geodäsie, Frankfurt am Main, 1993.

This chart forms part of the publication:  
 Schenke, H.W., H. Hinz, S. Dijkstra, B. Hoppmann, F. Niederjasser, T. Schöne, 1997: The New Bathymetric Chart of the Weddell Sea. AWI BCWS. In: Jacobs, S., R. Weite (ed.), Antarctic Research Series Vol. 73, AGU, Washington D.C.  
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 AWI Bathymetric Chart of the Weddell Sea, Antarctica, 1:3 000 000 at 71°S (AWI BCWS 1:3 000 000, Southern Weddell Sea), Alfred Wegener Institute, Bremerhaven, 1997.  
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Source Data

- General Bathymetric Chart of the Oceans (Data from GEBCO Digital Atlas)
- 2.1 International Hydrographic Organization (IHO): IHO Data Centre for Digital Bathymetry (IHO DCDB), Boulder, Colorado; US NGDC: Nov. 1992 - April 1993.
- 2.2 National Hydrographic Offices: National Charts (various scales)

- 3.1 Scientific Institutions
- 3.2 Scientific Research Institutes
- 3.3 Other Sources

- 4.1 Satellite Altimetry Geophysical Data
- 4.2 Topographic Data

- 5.1 Topographic Data
- 5.2 Topographic Data

- 6.1 Topographic Data
- 6.2 Topographic Data