

INTRODUCTION

This map is part of a Freeview series of German Bank, located on the Scotian Shelf of southern Nova Scotia. The map shows the seafloor topography of German Bank area in backscatter strength and bathymetry. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007.

BACKSCATTER STRENGTH
Multibeam bathymetry data were collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007.

BACKSCATTER DISTRIBUTION
The distribution of backscatter strength on German Bank provides insight into ocean circulation and sediment transport processes. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007.

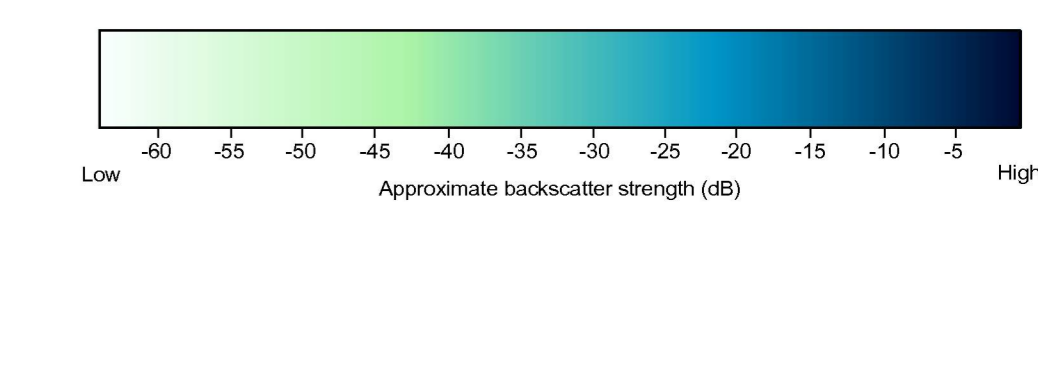
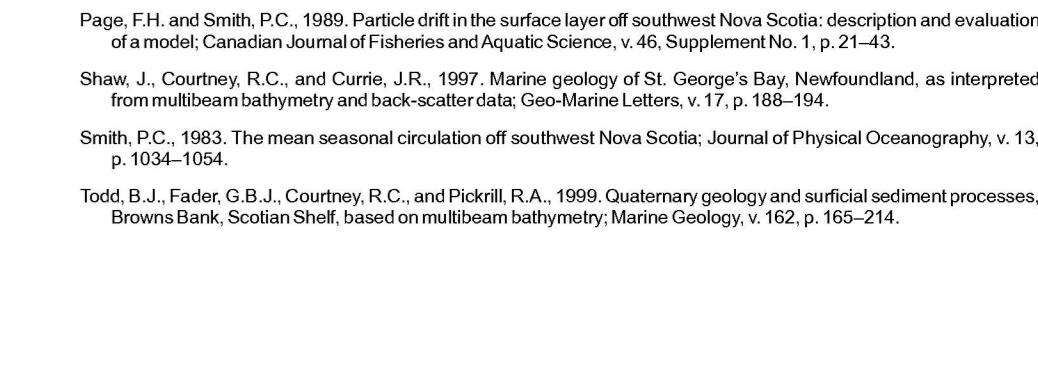
ACKNOWLEDGMENTS
G. Coward of the Canadian Hydrographic Service (CHS) organized the multibeam bathymetry survey of German Bank and provided data processing. Canadian Hydrographic Service provided the data to the Geological Survey of Canada (GSC) for further processing and interpretation. C. Courty provided the map design and layout. The map is based on the backscatter strength data collected by the Canadian Hydrographic Service using the Canadian Coast Guard Ship Frederick G. Coward (CGS 2007) in 2007.

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Canadian Hydrographic Service, 1987. Natural Resource Chart 1513A. Bathymetry, Department of the Environment, Ottawa, Canada, scale 1:50,000.
Canadian Hydrographic Service, 1971a. Natural Resource Chart 1512A. Bathymetry, Department of the Environment, Ottawa, Canada, scale 1:50,000.
Canadian Hydrographic Service, 1971b. Natural Resource Chart 1513A. Bathymetry, Department of the Environment, Ottawa, Canada, scale 1:50,000.
Canadian Hydrographic Service, 1972. Natural Resource Chart 1513B. Bathymetry, Department of the Environment, Ottawa, Canada, scale 1:50,000.

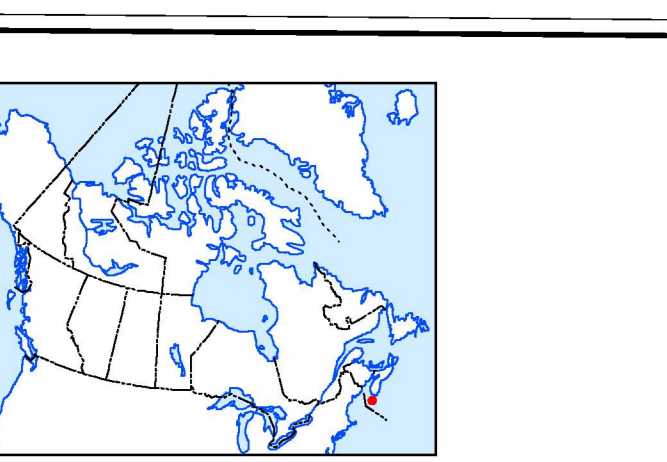
OPEN FILE 6124
SHADED SEAFLOOR RELIEF, BACKSCATTER STRENGTH, AND SURFICIAL GEOLOGY
GERMAN BANK
SCOTIAN SHELF
OFFSHORE NOVA SCOTIA
Scale 1:100 000/Echelle 1:100 000

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This map was produced by Natural Resources Canada in cooperation with Fisheries and Oceans Canada.
Geological compilation by B.J. Todd, Geological Survey of Canada and P.C. Valentine, U.S. Geological Survey.
Multibeam bathymetry data collected by Canadian Hydrographic Service, 1997, 1998, 2000, 2002, and 2003.
Multibeam bathymetry data compiled by Geological Survey of Canada, 2004.
Digital cartography by P. O'Regan, Data Dissemination Division (DDO) and S. Hayward, GSD (Atlantic).

Any revisions or additional information known to the user should be welcomed by the Geological Survey of Canada.
Digital bathymetry contours in metres compiled by the Canadian Hydrographic Service and GSD (Atlantic).
Mean magnetic declination 2010, 7° 18' W, decreasing 0.9° annually. Readings vary from 1° 30' W in the SW corner to 17° 27' W in the NE corner of the map.
Depth in metres below mean sea level.



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2010
1:100 000 (1:100 000)
Sheet 2 of 2 of backscatter strength.
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