



DESCRIPTIVE NOTES

INTRODUCTION
Georges Bank is a large submarine bank in the Gulf of Maine near the edge of the continental shelf south of the northern end of the Canadian Shield. The bank is approximately 100 km long and 100 km wide. The International Boundary between Canada and the United States straddles the bank with the northwestern part of the bank being in Canada and the southeastern part in the United States.

BACKSCATTER STRENGTH
Backscatter strength is a measure of the intensity of the signal reflected from the seafloor. It is measured in dB. The backscatter strength is a function of the seafloor topography, sediment type, and the angle of incidence of the sound wave. The backscatter strength is a function of the seafloor topography, sediment type, and the angle of incidence of the sound wave.

BACKSCATTER DISTRIBUTION
The backscatter strength on Georges Bank provides insight into ocean circulation and related modern sea floor sediment transport processes. The backscatter strength is a function of the seafloor topography, sediment type, and the angle of incidence of the sound wave.

ACKNOWLEDGMENTS
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REFERENCES
Burton, S. 1987. Physical processes of shelf sediment movement in Georges Bank. [Journal article]

Canadian Hydrographic Service
Nautical Resource Chart 15116A, bathymetry, Department of the Environment, Ottawa, scale 1:250,000.

Table B.1 and Table B.2
Table B.1 and Table B.2 provide information on the backscatter strength and bathymetry data used in this map.

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