825 MULTICHANNEL REFLECTION SEISMIC SURVEY IN THE LABRADOR SEA
BY A.C. GRANT et al.

A geophysical reconnaissance survey was carried out in the Labrador Sea-Davis Strait area between July and September 1977 by the Federal Institute for Geosciences and Natural Resources (BGR), Hannover, Germany. The lines were planned in co-operation with the Atlantic Geoscience Centre, Geological Survey of Canada, and the Greenland Geological Survey (Denmark).

A 24-fold coverage technique was used with 48 seismic channels (traces) with a 2400 m streamer cable, and a 23.45 L airgun array. A fully integrated computerized satellite navigation system (INDAS III) was used for determining the position of the survey vessel. The survey was executed on the research vessel MS EXPLORA chartered from PRAKLA-SEISMOS GMBH, who served as contractor.

The seismic records from this survey were interpreted jointly by German and Canadian scientists and the results have been reviewed at the symposium on "Crustal Properties across Passive Margins" held in Halifax, Nova Scotia, June 19-23, 1978. The proceedings of this symposium is published in an issue of TECTONOPHYSICS, 59 (1979) 151-183.

The original data from this survey are held by:

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(from: Scientific and Technical Notes in Current Research, Part C; Geol. Surv. Can., Paper 78-1C.)

Data from the Canadian side of the median line only are placed on the GSC Open File.

Copies of the data are available for viewing at all Geological Survey libraries. Copies may be obtained at the user's expense from Norman Wade Company Ltd., 5426 Portland Place, Halifax, Nova Scotia, B3K 1A1.

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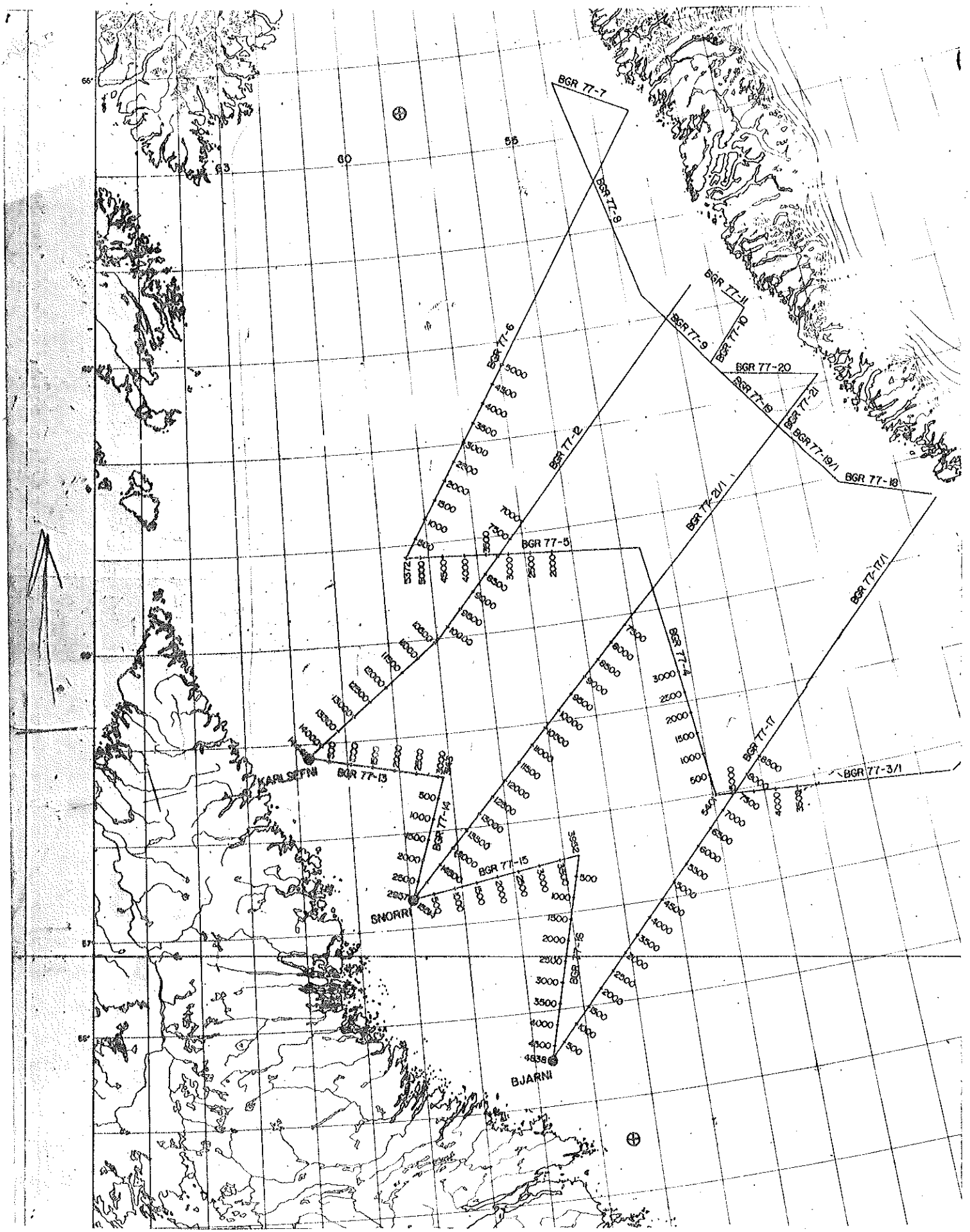
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BGR 77-16
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