



HIGH-RESOLUTION SEISMIC REFLECTION DATA

Beaufort and Chukchi Seas-Alaskan OCS
USGS Open File Reports 81-33 & 81-34*

DATA ANNOUNCEMENT
85-MGG-03

Approximately 9,384-line km of single-channel high-resolution Uniboom continuous seismic reflection profiles along 88 tracklines in the Beaufort and Chukchi Seas are now available for purchase from the National Geophysical Data Center (NGDC). The data were collected by the U.S. Geological Survey (USGS) during two cruises of the *R/V SAMUEL P. LEE* in August 25 through October 5, 1977, and August 26 through September 19, 1978.*

The Uniboom hull transducers had a power range of .6 to 1.2 kJ. The recording system had a high-cut filter range of 1,100 to 1,500 Hz. Data were recorded onto paper rolls. A Marconi-Integrated satellite Doppler navigation system was utilized during the two cruises. The navigation information was digitized and then computer-plotted onto a polar stereographic projection at a scale of 1:500,000 for the Beaufort Sea study and 1:1,000,000 for the Chukchi Sea study. The seismic lines are available on 35 mm microfilm with pdf images of the blackline charts. NGDC also has multichannel seismic-reflection data in these areas. The USGS has provided these data to NGDC for public dissemination.

*"High Resolution Uniboom Seismic Reflection Profiles collected August 26 through September 19, 1978 on the Chukchi Sea," Arthur Grantz and Jonathan Greenberg, Geological Survey, U.S. Dept. of Interior, Open-File Report 81-34.

DATA AVAILABLE

Beaufort Sea Single-Channel Seismic Data:

2 rolls 35-mm microfilm (# 1722 & 1723), 62 tracklines/4,584 km
Open File Report 81-34
1 trackline chart (1:500,000)
Digital navigation (time/latitude/longitude/line number/shotpoint)
Multichannel Seismic Data from this survey online

Chukchi Sea Single-Channel Seismic Data:

2 rolls 35-mm microfilm (#1720 & 1721), 26 tracklines/4,800 km
Open File Report 81-33
1 trackline chart 1:1,000,000
Digital navigation (time/latitude/longitude/line number/shotpoint)

Please call for prices. For ordering information contact:

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