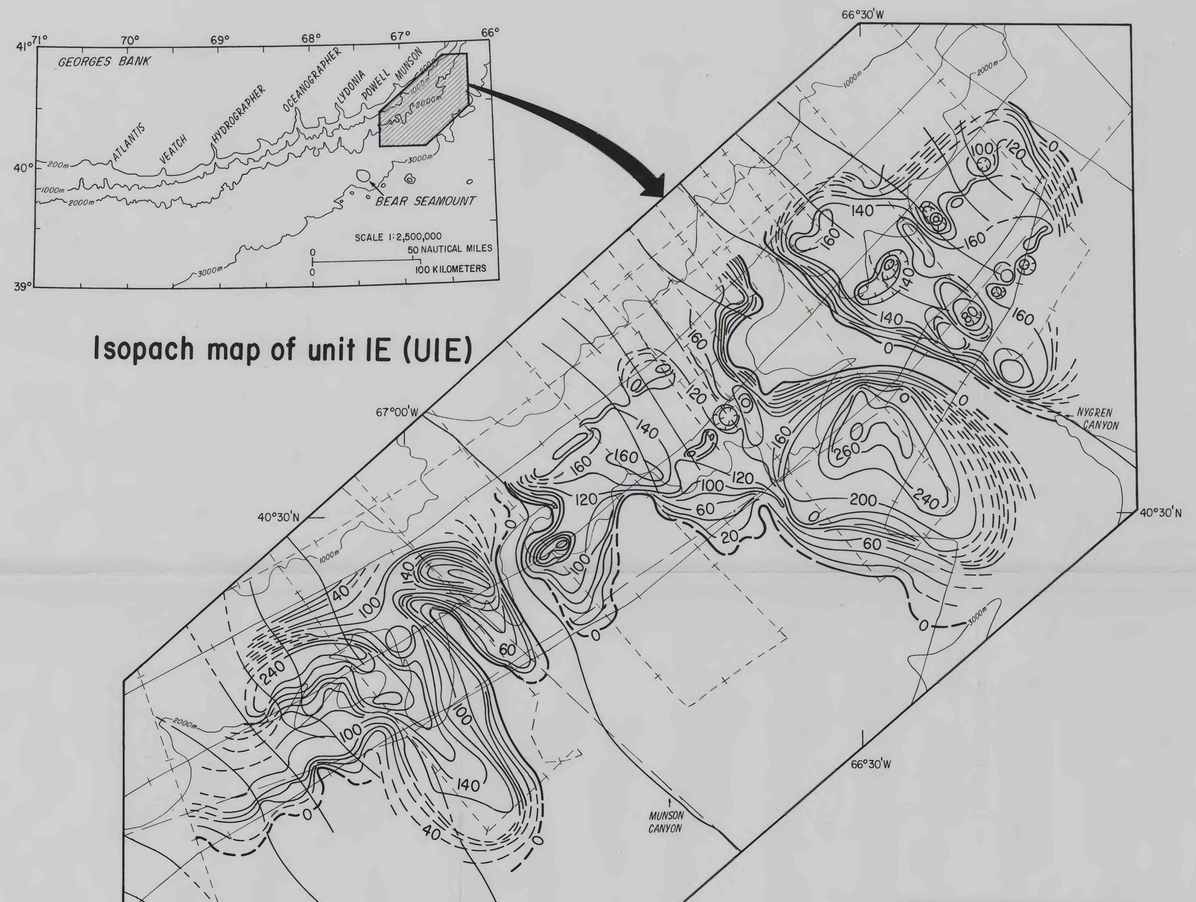
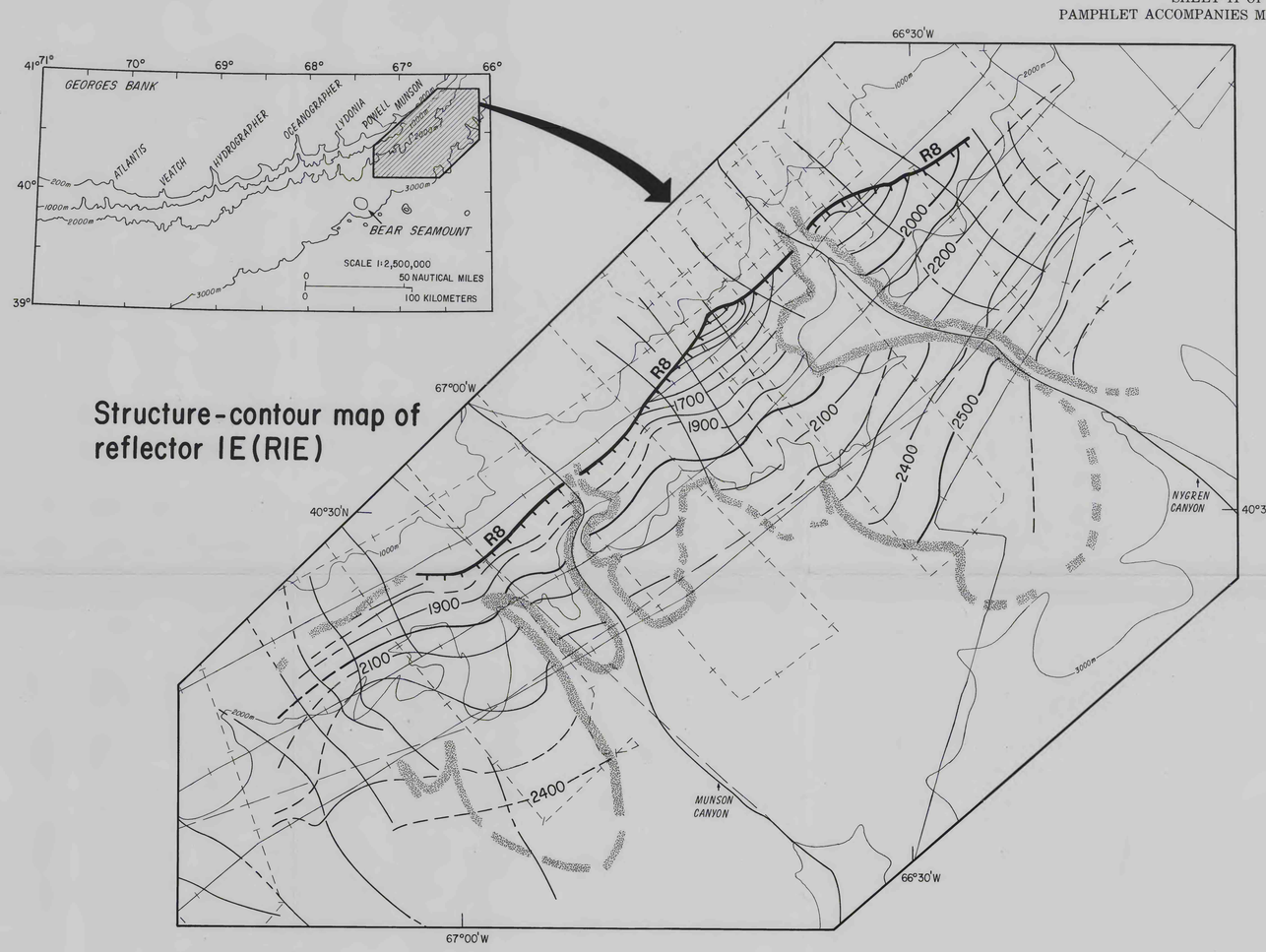
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

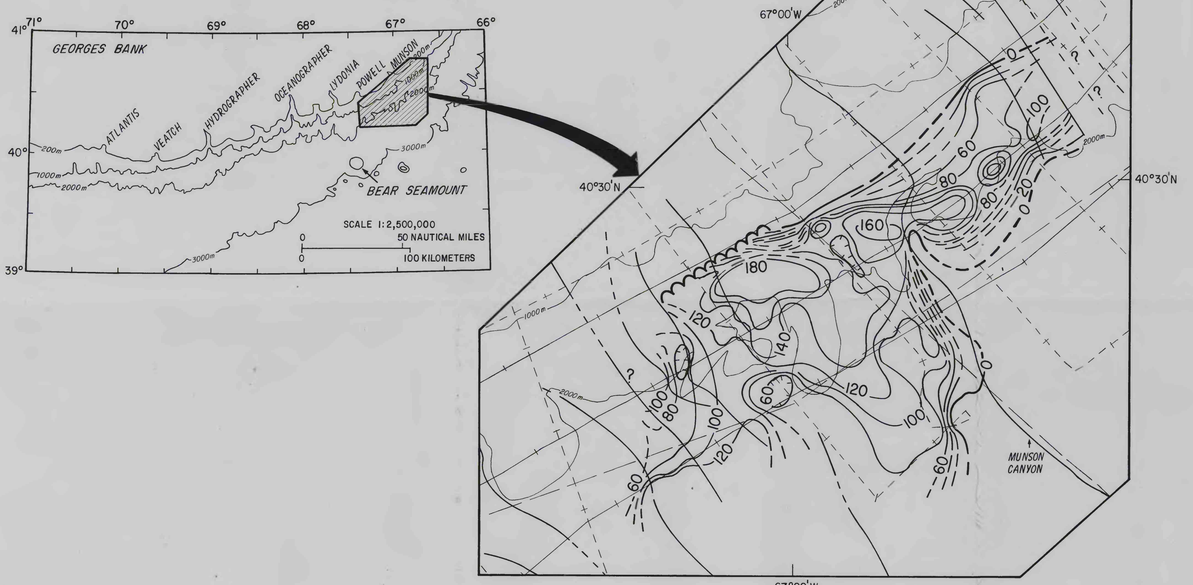
MISCELLANEOUS FIELD STUDIES
MAP MF-2111
SHEET 11 OF 11
PAMPHLET ACCOMPANIES MAP



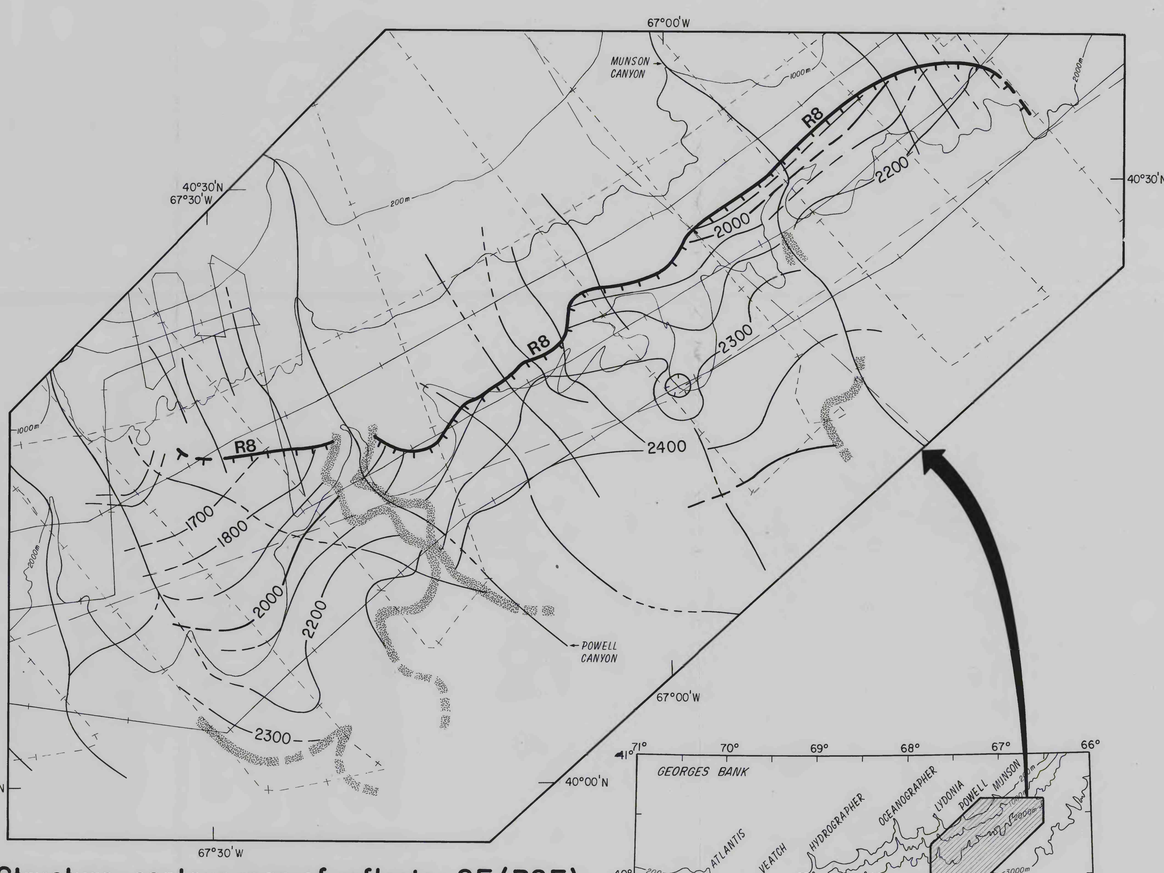
Isopach map of unit 1E (U1E)



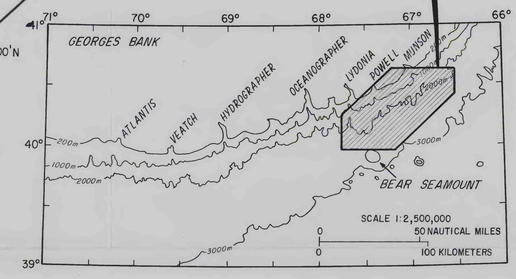
Structure-contour map of reflector 1E (R1E)



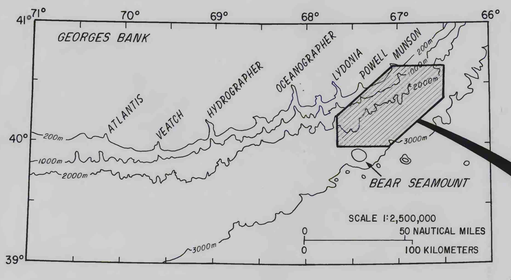
Isopach map of unit 2E (U2E)

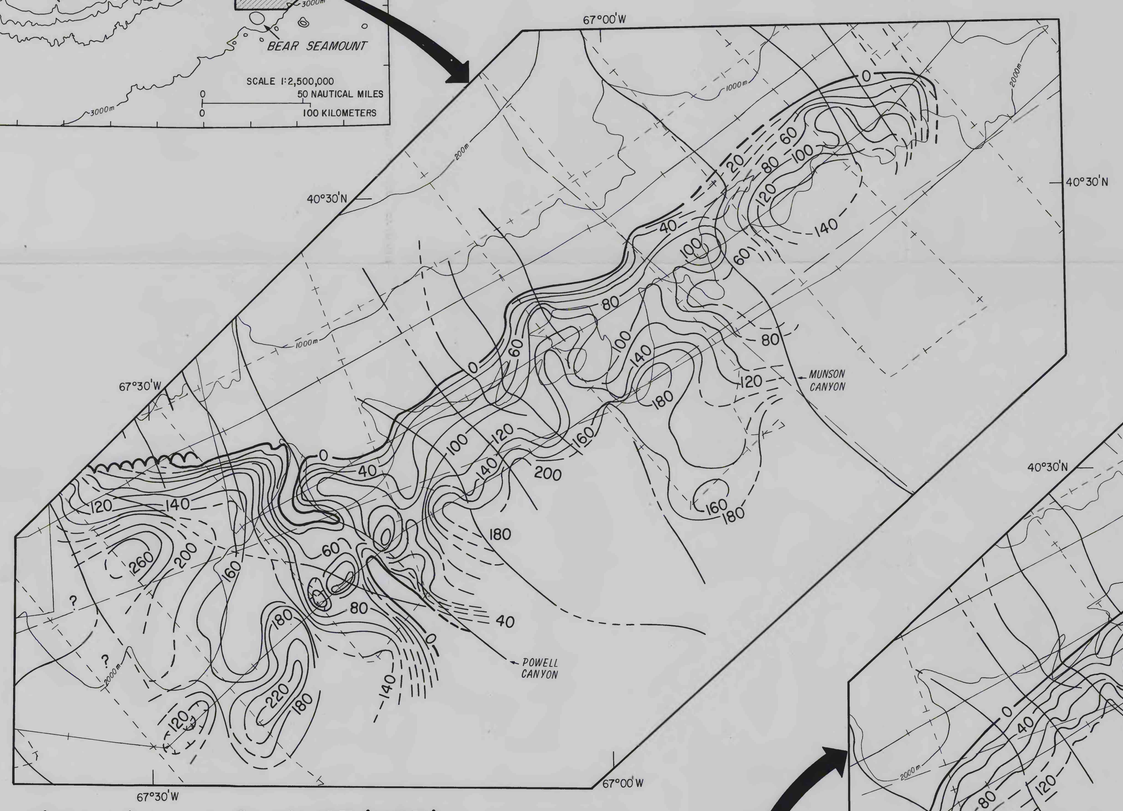


Structure-contour map of reflector 2E (R2E)

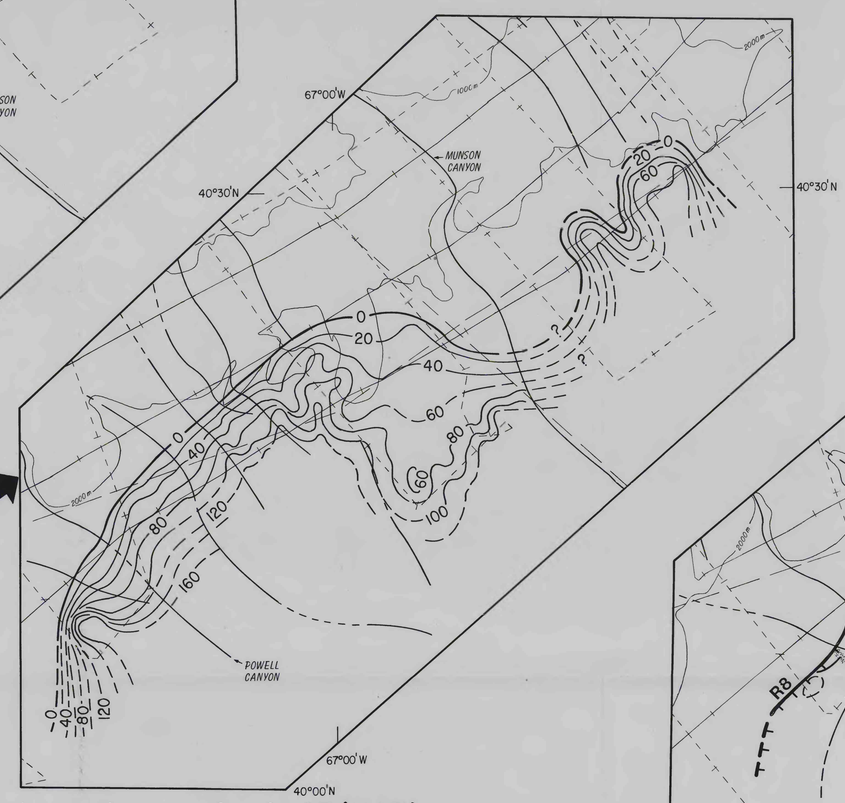


Base modified from National Oceanic and Atmospheric Administration, 1:250,000
National Ocean Service maps Bear Seamount (NJ 19-3, 1984) and Lydonia Canyon (NK 19-12, 1978)
Universal Tranverse Mercator projection
Not to be used for navigational purposes

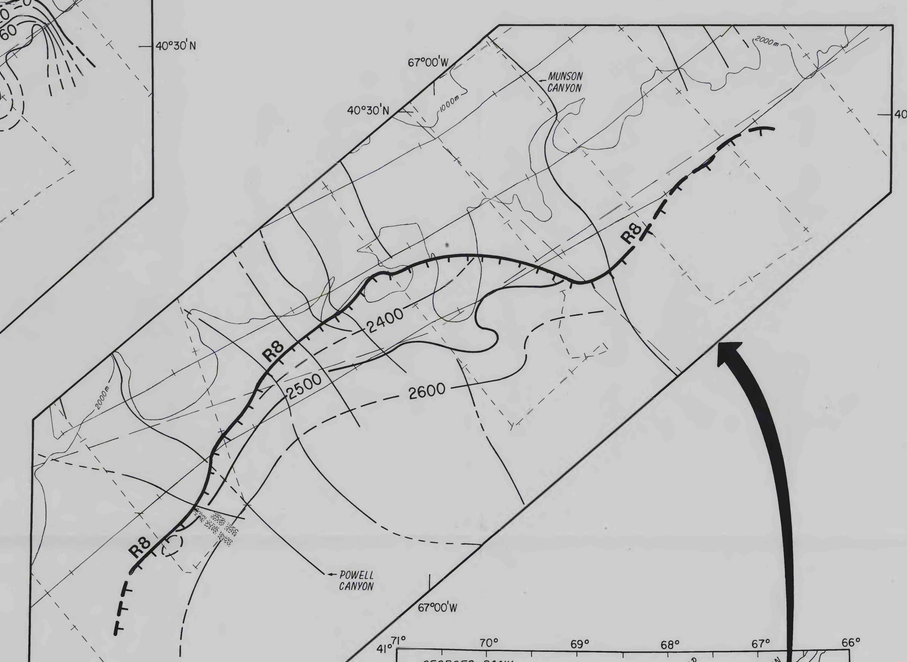




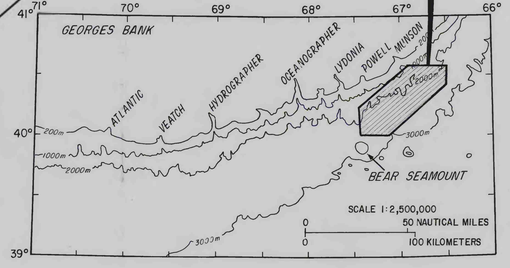
Isopach map of unit 3E (U3E)



Isopach map of unit 4E (U4E)



Structure-contour map of reflector 3E (R3E)



BASE MAP NOTE FOR U1E, U2E, U3E, U4E, R1E, R3E

Base modified from National Oceanic and Atmospheric Administration, 1:250,000
National Ocean Service map Lydonia Canyon (NK 19-12, 1978)
Universal Tranverse Mercator projection
Not to be used for navigational purposes

Scale 1 : 250,000
Universal Transverse Mercator
0 20KM

EXPLANATION

- Bathymetric contours--1,000-m interval including 200-m contour
- RV *Columbus Iselin* trackline (Cruise CI7-78-2, 1978)
- RV *James M. Gilliss* trackline (Cruise GS 7903-3, 1979)
- Multichannel trackline collected by the Bundesanstalt fur Geowissenschaften und Rohstoffe (BGR), 1979 (Schlee and Fritsch, 1983)
- Submarine canyon axis
- Transition between slope and rise facies
- Outcrop of seismic reflector of the sea floor--Dashed where approximate. Outcrop locations based on National Ocean Service (NOS) 1:250,000-scale bathymetric maps (see accompanying text pamphlet)
- R8 Onlap of mapped seismic reflectors--Dashed where approximate. Hachures indicate the point of onlap of the mapped reflector with an underlying reflector. Numbers opposite hachures indicate which underlying reflector truncates the mapped reflector
- Isopach lines and structure contours--in meters. Drawn on U1E, U2E, U3E, U4E, and R1E, R2E, R3E. Contour interval is 20 m (isopach) and 100 m (structure). Hachures indicate direction of dip. Contours dashed where control is poor or uncertain

ISOPACH MAPS OF UNITS 1E, 2E, 3E, AND 4E,
HIGH-RESOLUTION SEISMIC STRATIGRAPHY OF THE UPPER CONTINENTAL RISE SEAWARD OF GEORGES BANK

By
William W. Danforth and William C. Schwab

1990

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