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86004

Branch of Atlantic Marine Geology
Office of Energy and Marine Geology
Woods Hole, MA 02543

April 29, 1986

# CRUISE REPORT

1. RV Gloria Michelle

2. Cruise No. GM 86-06

3. Project: Biostratigraphic and depositional framework--U.S. Atlantic margin (9590-02998)

4. Funded by: National Marine Fisheries Service

5. Amount: $3500

6. Area: Eastern Georges Bank--Corsair Canyon ($41^{o}24.0'N$, $66^{o}13.0'W$)

7. Dates: April 20-24, 1986; Davisville, R.I. to Woods Hole, MA

8. Chief Scientist: Page Valentine, USGS

9. Data Curator: Page Valentine, USGS

10. Scientific Party: Page C. Valentine, USGS
David Twichell, USGS
Steve Mateus, USGS
Clifford Newell, NMFS
Tom Meyer, NMFS

11. Ship's Captain: Tom Callahan, NOAA

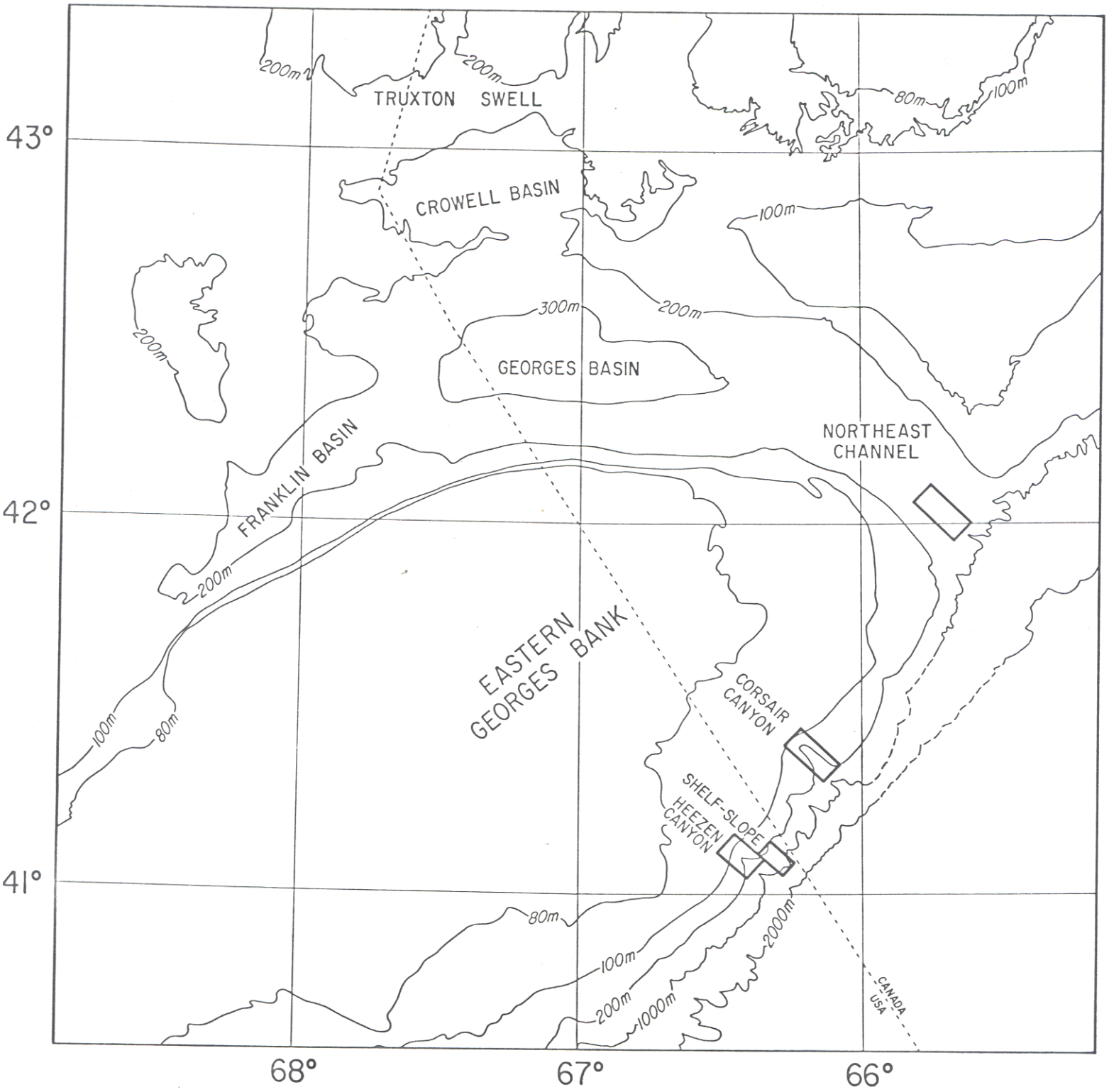
12. Purpose: Bathymetric survey of Corsair Canyon, Georges Bank

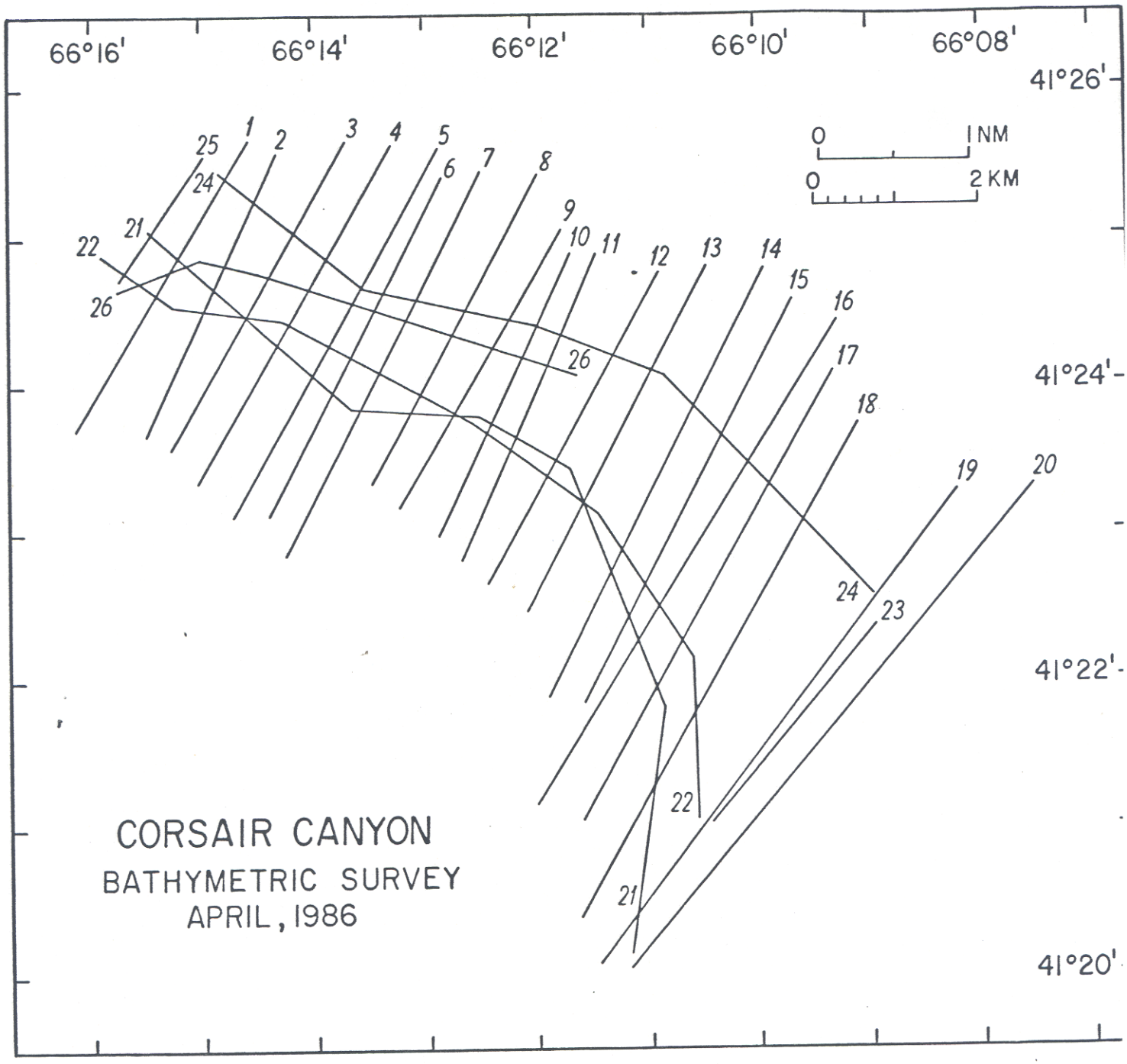
13. Navigation: Loran-C (Northstar 6000); data collected on magnetic tape and printout.

14. Equipment employed: 3.5 kHz seismic profiler

15. Days at sea: 5
Km of 3.5 kHz data: 167km

16. Because of adverse weather conditions, the survey was limited to a total of 18 1/2 hours in Corsair Canyon area ($41^{o}24.0'N$, $66^{o}13.0'W$)


43°
42°
41°
68°
67°
66°
TRUXTON SWELL
CROWELL BASIN
GEORGES BASIN
FRANKLIN BASIN
EASTERN GEORGES BANK
NORTHEAST CHANNEL
CORSAIR CANYON
SHELF-SLOPE HEEZEN CANYON
CANADA USA
200m
100m
80m
300m
2000m
1000m


66°16'
66°14'
66°12'
66°10'
66°08'
41°26'
41°24'
41°22'
41°20'
0 1 NM
0 2 KM
1
2
3
4
5
6
7
8
9
10
11
12
13
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CORSAIR CANYON
BATHYMETRIC SURVEY
APRIL, 1986