CRUISE REPORT

SHIP UTILIZATION DATA

UNOLS
REV. 5/76

SHIP NAME OCEANUS	OPERATING INST. W H O I	PARTICIPATING PERSONNEL
CRUISE (LEG) NO. 17	DATES 3 Dec - 10 Dec 1976	
AREA OF OPERATIONS: North Atlantic Ocean (Woods Hole - Woods Hole)	PORT CALLS: PLACE / DATES	
DAYS AT SEA 8 (3 Dec-10 Dec 76) / DAYS IN PORT 0		

CODE	NAME	TITLE	AFFILIATION
1.	Dr. Bradford Butman	Oceanographer	U.S.G.S.
2.	Dr. John D. Milliman	Assoc. Scientist	W.H.O.I.
3.	Mr. John Vermersch, Jr.	Research Assoc.	"
4.	Mrs. Lois Toner	Senior Res. Asst.	"
5.	Miss Carol Parmenter	Research Asst.	"
6.	Mr. William Strahle	Electrical Engineer	U.S G.S.
7.	Mr. Gary Prisbe	Geological Field Asst.	"

PRIMARY PROJECTS (those which govern the principal operations, area and movements of the ship)

PROJECT TITLE AND PRINCIPAL INVESTIGATOR	SPONSORING ACTIVITY	GRANT OR CONTRACT NUMBER	PARTICIPATING PERSONNEL (AS CODED ABOVE)
"U.S.G.S. Sediment Dynamics" Dr. Bradford Butman	U.S.G.S.	14-08-0001-15615	1-12

ANCILLARY PROJECTS (which are accomplished on a not-to-interfere basis and contribute to the overall effectiveness of the cruise)

PROJECT TITLE AND PRINCIPAL INVESTIGATOR	SPONSORING ACTIVITY	GRANT OR CONTRACT NUMBER	PARTICIPATING PERSONNEL (AS CODED ABOVE)

SIGNATURE Bradford Butman DATE 10 FEB. 76

CHIEF SCIENTIST - Bradford Butman

(Continue personnel and project listings on reverse if additional space needed)

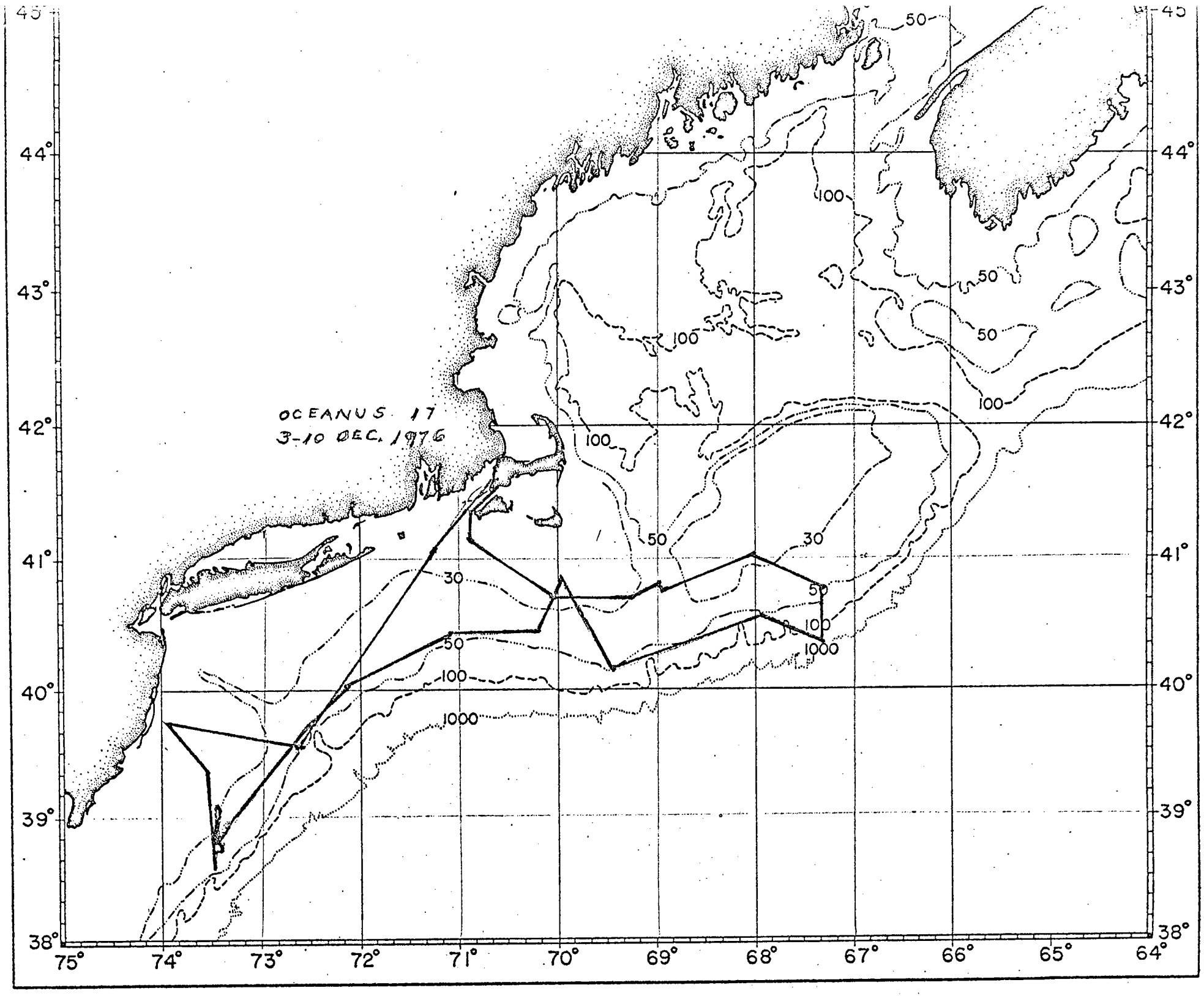
ATTACH PAGE SIZE CRUISE TRACK

COST ALLOCATION DATA

DAYS CHARGED	AGENCY OR ACTIVITY CHARGED	GRANT OR CONTRACT NO.
8	U.S. Geological Survey	14-08-0001-15615

SIGNATURE R.P. Dinsmore DATE 2/17/77

Institution Official - R.P. Dinsmore


OCEANUS 17
3-10 DEC. 1976
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43°
42°
41°
40°
39°
38°
75°
74°
73°
72°
71°
70°
69°
68°
67°
66°
65°
64°
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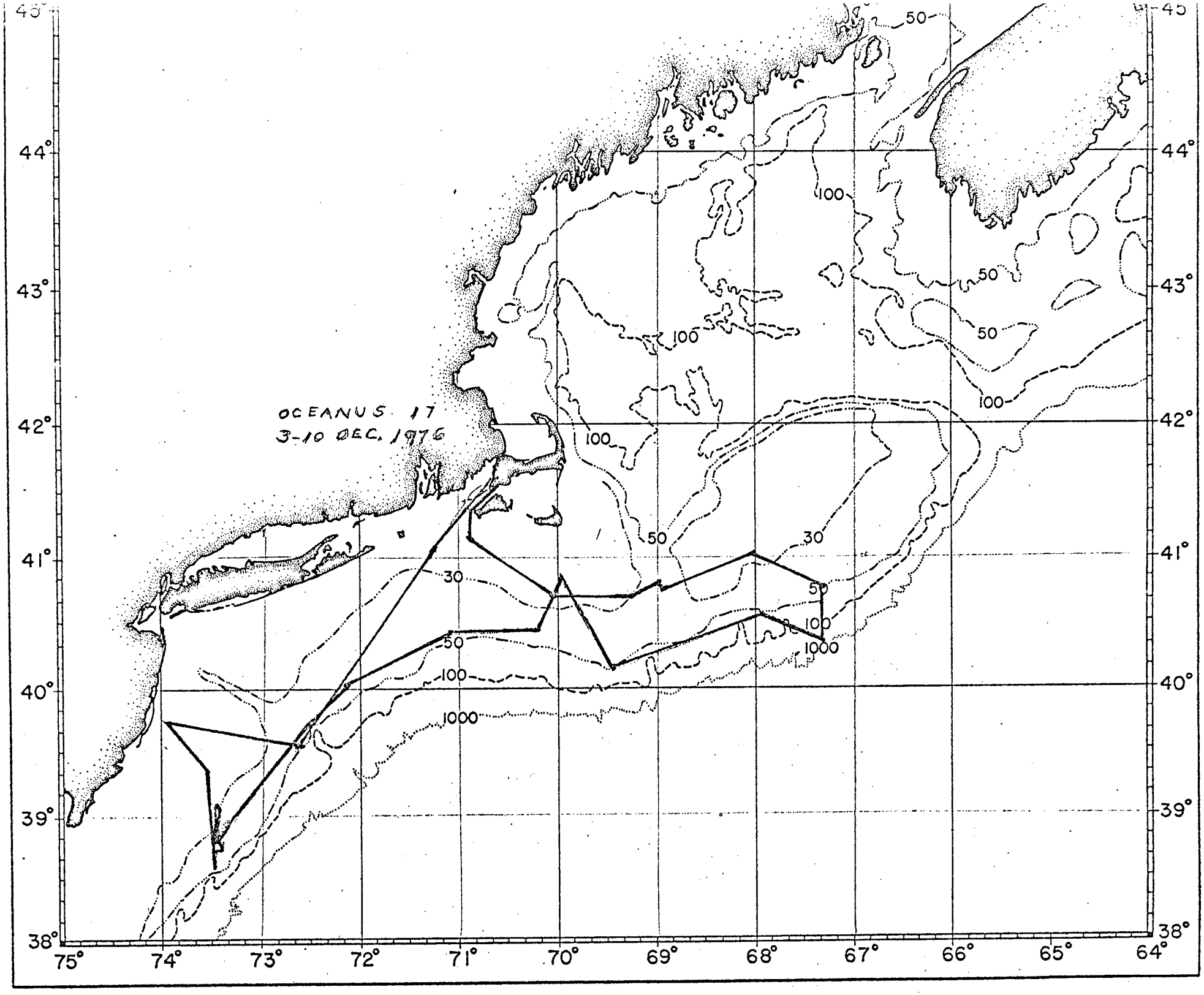
OCEANUS #17

8. Mr. John McLean	Geologist	U.S.G.S.
9. Mr. William Jaworski	Geophysicist	"
10. Mr. Randy Fabro	Physical Science Technician	"
11. Mr. Robert Beauchamp	Scientist/Observer	Bureau of Land Management
12. Mr. David Stremaitis	" "	Energy Resources Co., Cambridge, Mass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WOODS HOLE OCEANOGRAPHIC INSTITUTION
WOODS HOLE, MASSACHUSETTS 02543

17 November 1976

Phone (617) 548-1400
TWX 710-346-6601

Captain Michael Palmieri
Research Vessel OCEANUS
Woods Hole, Massachusetts

Dear Captain Palmieri:

On or about 3 December 1976, your vessel being ready for sea and weather permitting, you will depart Woods Hole on Voyage #17. The scientific personnel and program for this voyage will be:

Voyage #17
Woods Hole - Woods Hole
3 December - 10 December

Mr. Bradford Butman, Scientist-in-Charge, (U.S. Geological Survey)
Dr. John Milliman
Mr. John Vermersch
Mrs. Lois Toner
Miss Carol Parmenter
Mr. William Strahle (U.S.G.S.)
Mr. Gary Prisbe (U.S.G.S.)
Mr. John McLean (U.S.G.S.)
Mr. William Jaworski (U.S.G.S.)
Mr. Randy Fabro (U.S.G.S.)
Mr. Robert Beauchamp (Bur. of Land Management)
Mr. David Stremaitis (Energy Resources Company)

Alternates: 12/3/76 No alternate taking

Miss Marlene Noble (U.S.G.S.)
Miss Katharine Cashman (U.S.G.S.)
Mr. Gary Parker (Ratheon Company
Mr. Andrew Eliason (Eliason Data Services)

The scientific program will consist of part of a long term study of the rates, frequency and processes of sediment movement on the Continental Shelf, Georges Bank (40° 51.2' N - 67° 24.7' W) and Middle Atlantic Shelf (39° 26' N - 72° 59.3' W). Tentative station locations for suspended sediment sampling and profiling are indicated approximately every twenty miles.

The main objectives of the cruise are to recover two instrumented tripod systems and one current meter mooring; to deploy one current meter mooring; to recover, service and replace as necessary surface marker buoys at the mooring locations; to make underway XBT observations of the water temperature structure; and to make observations of the suspended sediment distribution using a profiling transmisometer and water sampling equipment.

Voyage #17
Woods Hole - Woods Hole
3 December - 10 December

Please advise the Port Office of any changes in personnel prior to departure Woods Hole, and maintain twice daily SSB schedules with KX713 on assigned frequencies.

I wish you a pleasant and successful voyage.

Yours very truly,

Bradford Butman
Scientist-in-Charge

Michael Palmieri
Captain

R.S. Edwards
Marine Superintendent

R/V OCEANUS Voyage # 17

PARTICIPATING SCIENTISTS

NAME (in full) Dr./Mr./Rank	NAT'L.	ON DATE	ON PORT	OFF DATE	OFF PORT	FUNCTION ACADEMIC, ADMIN. OR PROFESSIONAL POSITION/TECH./GUEST OBSERVER/TECH. REP./STUDENT/ETC.	AFFILIATION LAB./COMPANY/SERVICE/COLLEGE/GOVERNMENT/ETC.
Mr. Bradford Butman	U.S.	3 Dec'76	W.H.	10 Dec.	W.H.	Oceanographer	U.S.G.S.
Dr. John ,illiman	"	"	"	"	"	Assistant Scientist	WHOI
Mr. John Vermersch	"	"	"	"	"	Research Associate	WHOI
Mrs. Lois Toner	"	"	"	"	"	Sr. Research Assistant	WHOI
Miss Carol Parmenter	"	"	"	"	"	Research Assistant	WHOI
Mr. William Strahle	"	"	"	"	"	Electrical Engineer	U.S.G.S.
Mr. Gary Prisbe	"	"	"	"	"	Geological Field Assistant	U.S.G.S.
Mr. John McLean	"	"	"	"	"	" " "	U.S.G.S.
Mr. William Jaworski	"	"	"	"	"	" " "	U.S.G.S.
Mr. Randy Fabro	"	"	"	"	"	" " "	U.S.G.S.
Mr. Robert Beauchamp	"	"	"	"	"		Bureau of ~~Land~~ Land Managment
Mr. David Stremaitis	"	"	"	"	"		Energy Resources Co.