

91001
RPT

1. SHIP NAME (Parent vessel)/SUBMERSIBLE/OWNER-OPERATOR:
R/V OCEANUS/Woods Hole Oceanographic Institute
2. CRUISE # AND LEG: 231
3. PROJECT # AND NAME:
4. FUNDING AGENCY:
5. CONTRACT (if applicable)
6. AREA OF OPERATIONS: Massachusetts Bay
7. DATES AND PORTS OF CALL: January 14-15, 1991 - Woods Hole
8. CHIEF SCIENTIST: J. Irish, University of New Hampshire

9. SCIENTIFIC PARTY:

NAMES	AFFILIATIONS	CRUISE DUTIES
W. Strahle	USGS, BAMG	Deck hand
M. Martini	USGS, BAMG	Deck hand
J. Newell	USGS, BAMG	Deck hand
C. Parmenter	USGS, BAMG	Deck hand
K. Banks	USGS, BAMG	Deck hand
K. Maury	University of NH	Deck hand
W. Lee	University of NH	Deck hand
T. Sheehy	University of NH	Deck hand
E. Ruston	University of NH	Deck hand
D. Nergaard	EG&G	Observer

10. SHIP'S CAPTAIN (and affiliation):
11. PURPOSE OF CRUISE: Recover moorings
12. NAVIGATION TECHNIQUES: LORAN-C
13. SCIENTIFIC EQUIPMENT:
14. TABULATED INFORMATION:
DAYS AT SEA: 2
CONTINUOUS DATA (in km)
STATIONS OCCUPIED (stationary and underway)
SUBMERSIBLE DIVES (BY #)
STATION INFORMATION
Station number:
Date of occupation:
Latitude/Longitude:
Water depth:
Sampling device (dive #):
Number and type of samples:
Remarks:

15. PAGE-SIZE TRACKCHART (including station & line #'s)



United States Department of the Interior

TAKE
PRIDE IN
AMERICA

GEOLOGICAL SURVEY

BRANCH OF ATLANTIC MARINE GEOLOGY
QUISSETT CAMPUS
WOODS HOLE, MA 02543
(508) 548-8700

MEMORANDUM

DATE: January 4, 1991

TO: Distribution (Greatorex, Aldrich, Soderberg, Barton, Sexton, Aldrich, Newell, North, Davis, Irwin, O'Brien)

FROM: Brad Butman

SUBJECT: Pre-cruise report, RV OCEANUS

VESSEL: RV OCEANUS

DATES: Depart January 15, 1991, 2000
Return January 16, 1991, 2400

PORTS: Woods Hole, MA to Woods Hole, MA

PERSONNEL: Bill Strahle, Marina Martini, Carol Parmenter, Kendall Banks, Joe Newell (USGS)
Jim Irish, Ken Morey, Woody Lee, Tom Sheehy, and Elliot Rushton (University of New Hampshire)
Person to be named later (EG&G)

OBJECTIVES: Recover surface and subsurface moorings at 7 locations (see attached map) in Massachusetts and Cape Cod Bays. The moored array is part of a study of coastal circulation and sediment transport.

MOORING LOCATIONS

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Instrumentation</u>
U2 (UNH)	42 31.4	70 29.3	Recover surface mooring
U3 (UNH)	42 22.2	70 20.9	Recover subsurface mooring
U6 (USGS)	42 21.3	70 24.0	Recover subsurface mooring
U6 (USGS)			Recover tripod
U6 (UNH)			Recover surface ADCP mooring
RP (USGS)	42 06.4	70 14.8	Recover surface mooring
U7 (UNH)	41 57.1	70 19.7	Recover surface mooring
M (USGS)	41 56.0	70 27.5	Recover surface mooring

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