

# CRUISE REPORT

SHIP UTILIZATION DATA

UNOLS  
REV. 5/7

SHIP NAME OCEANUS		OPERATING INST. W.H.O.I.		PARTICIPATING PERSONNEL		
CRUISE (LEG) NO. 45		DATES 10 May - 18 May 1978		CODE	NAME	TITLE
AREA OF OPERATIONS:		PORT CALLS:		1.	Dr. Bradford Butman	Oceanographer
North Atlantic Ocean (Woods Hole - Woods Hole)		PLACE		2.	Dr. Michael H. Bothner	"
		DATES		3.	Mr. John C. West	Electrical Engr.
DAYS AT SEA 9		DAYS IN PORT 0		4.	Mr. Gary S. Prisby	Electronics Tech.
				5.	Mr. Andrew H. Eliason	Engineer Eliason Date Servic
				6.	Mr. David Strimaitis	Consultant Energy Resources Co.

(10 May - 18 May 78)

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	1-15

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 30 JUNE 78  
CHIEF SCIENTIST - Bradford Butman

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

ATTACH PAGE SIZE CRUISE TRACK

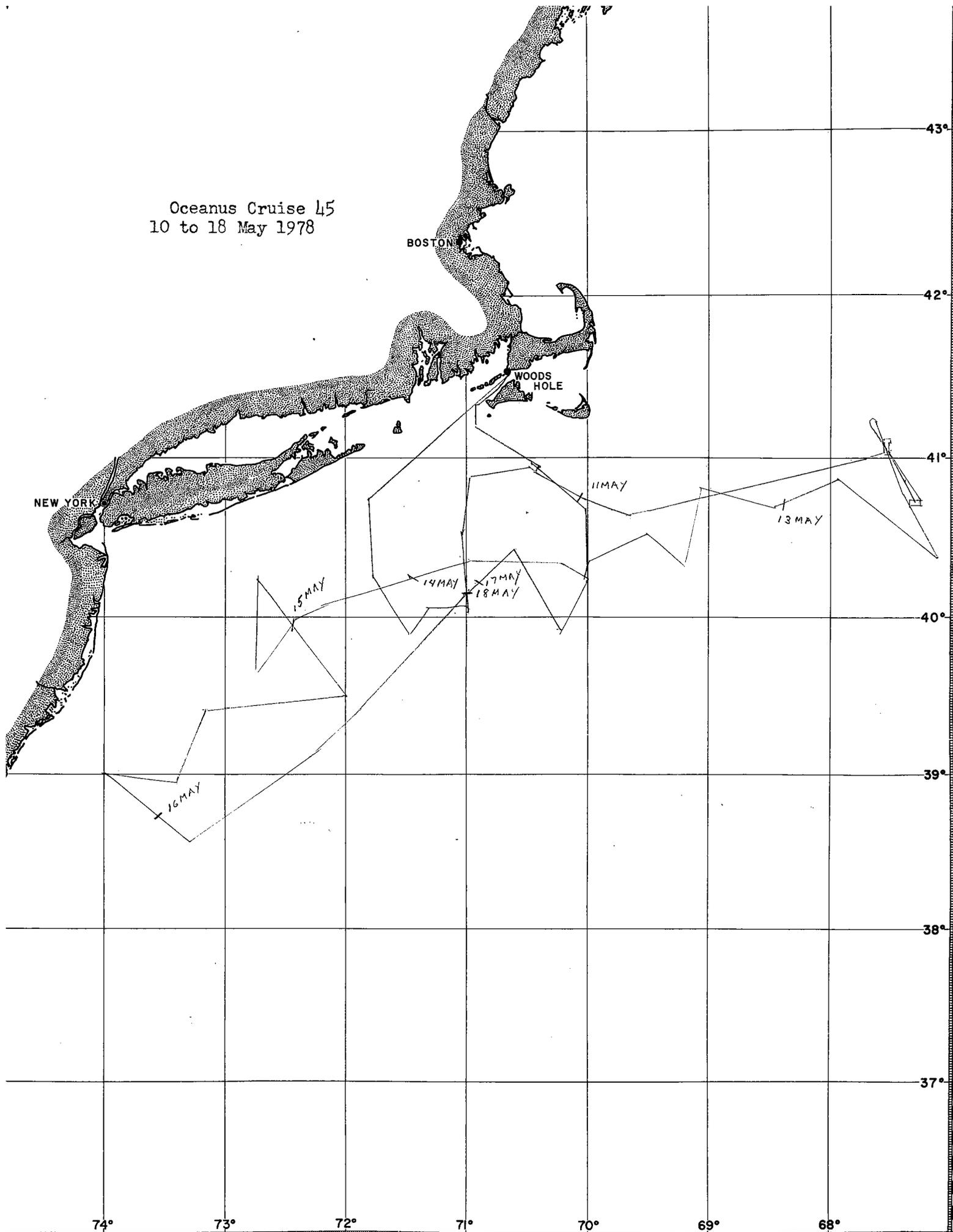
### COST ALLOCATION DATA

DAYS CHARGED	AGENCY OR ACTIVITY CHARGED	GRANT OR CONTRACT NUMBER
9	U. S. Geological Survey	14-08-0001-15615

SIGNATURE R. P. Dinsmore DATE 7/19/78  
Institution Official - R. P. Dinsmore

7. Mr. Richard R. Rendigs	Geologic Field Asst.	U. S. G. S.
8. Ms. Nora F. Thom	Geologist	"
9. Ms. Carol M. Parmenter	Oceanographer	"
10. Ms. Stephanie L. Pfirman	Geologic Field Asst.	"
11. Ms. Sally A. Wood	Geologist	"
12. Mr. James E. Broda	Research Assistant	W. H. O. I.

Oceanus Cruise 45  
10 to 18 May 1978



1306 725 2 2 1

WOODS HOLE OCEANOGRAPHIC INSTITUTION

WOODS HOLE, MASSACHUSETTS 02543

5 May 1978

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

Captain Paul C. Howland  
Research Vessel OCEANUS  
Woods Hole, Massachusetts

Dear Captain Howland:

On or about 10 May 1978, your vessel being ready for sea and weather permitting, you will depart Woods Hole, Mass., on Voyage #45 for the United States Geological Survey. The purpose of this cruise is part of a continuing study of currents and sediment transport on the United States East Coast Continental Shelf. The objectives of the cruise are to recover and deploy several current meter and tripod moorings, to obtain piston cores of the sediments in an area South of Martha's Vineyard and to conduct hydrographic, CTD suspended sediment and XBT, observations.

The cruise will consist of six major stations, as follows:

Georges Bank:	40° 51' N - 67° 25' W
	41° 05' N - 67° 30' W
New Jersey Shelf:	39° 57' N - 72° 36' W
	38° 43' N - 73° 38' W
	39° 00' N - 74° 00' W

Shelf South of Martha's Vineyard

The scientific personnel on the cruise, under the direction of Dr. Bradford Butman, U.S. Geological Survey, Chief Scientist, are:

Voyage #45  
Woods Hole - Woods Hole  
10 May - 18 May

Dr. Bradford Butman, Chief Scientist	Mr. Richard Rendigs
Dr. Michael Bothner	Ms. <del>Mariene Noble</del> <i>Nova Khan</i>
Mr. John West	Ms. Carol Parmenter
Mr. Gary Prisby	Ms. Stephanie Pfirman
Mr. Andrew Eliason, Data Services	Ms. Sally Wood
Mr. David Strimaitis, E.R.C.O.	Mr. James E. Broda, W.H.O.I.

Please advise the Port Office of all personnel changes prior to departure, and maintain twice daily schedules with KXC713 on assigned frequencies.

I wish you a pleasant and successful voyage.

Yours very truly,

*Bradford Butman*  
Bradford Butman  
Chief Scientist

*Paul C. Howland*  
Paul C. Howland  
Captain

*R.S. Edwards*  
R.S. Edwards  
Marine Superintendent

OCEANUS





United States Department of the Interior

R P D

GEOLOGICAL SURVEY  
OFFICE OF MARINE GEOLOGY  
WOODS HOLE, MA 02543

MAY 25 1978

24 May, 1978

Captain Robert Dinsmore  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543

Dear Bob;

I want to thank Captain Howland, the crew off the OCEANUS and the institution for another successful cruise. The OCEANUS is an extremely efficient and versatile vessel. The OCEANUS cruises over the last several years have contributed substantially to the success of the USGS sediment dynamics field program. It is a pleasure and a privilege to use such professional oceanographic ships.

I look forward to continued cooperation.

Sincerely,

Brad Butman

cc: Captain Howland  
D. Folger  
D. Moller

