

## CRUISE REPORT

### Ship Utilization Data

<b>1. Ship Name</b> OCEANUS		<b>2. Operating Institution</b> WHOI		<b>3. Cruise (leg) Number</b> OC 354	
<b>4. Date of Project:</b> Begin: 12/3/99 End: 12/7/99		<b>7. Participating Personnel</b>  Code Title, Name, Institution		Function on Cruises (Ch. Sci, Sci. Obs., Tech., Grad-Student, Undergrad, For. Obsv.)	
				Dates (if less than entire cruise)	
<b>Port Calls</b>					
Place Date					
Woods Hole, MA		1 Dr. Bradford Butman USGS		Ch. Sci.	
Woods Hole, MA		2 Ms. Marina Martini USGS		Tech.	
		3 Dr. Richard Rendigs USGS		Sci.	
		4 Mr. Jonathan Borden USGS		Tech.	
		5 Mr. Dann Steven Blackwood USGS		Sci.	
		6 Dr. Courteny Kay Harris USGS		Sci.	
		7 Dr. Ellen Livingston Mecray USGS		Sci.	
		8 Dr. Marilyn ten Brink USGS		Sci.	
		9 Dr. David R. Walsh USGS		Sci.	
		10 Dr. Peter Traykovski WHOI		Sci.	
		11 Dr. Benjamin Gutierrez USGS		Sci.	
		12 Dr. Jason Hyatt USGS		Sci.	
		13 Ms. Jane Denny USGS		Sci.	
		14 Ms. Jessica M. Cote USGS		Tech.	
<b>5. Number, Sea Days</b> 5		<b>6. Number, Port Days</b> 0			
<b>8a. Area of ops, Area Index &amp; Geog. Descrip.</b>					
NA6					
<b>8b. Research in Foreign Waters?</b> No					
Country:					
<b>9. Primary Project(s)</b>					
a. Project Title, Principal Investigator, Institution		b. Sponsoring Agency/Activity	c. Grant or Contract No.	d. Participating Personnel	e. Discipline
1. New York Bight Mooring Deployment, Butman USGS		USGS		part 1-15	GG
<b>10. Ancillary Projects(s)</b>					
a. Project Title, Principal Investigator, Institution		b. Sponsoring Agency/Activity	c. Grant or Contract No.	d. Participating Personnel	e. Discipline
<b>11. Science Party:</b>		<b>12. Cost Allocation Data</b>			
Scientists: 11      Grad. Students		a. Days Charged	b. Agency or Activity Charged	c. Grant or Contract No.	
Undergrads:      Technicians 4		5	USGS Through NSF	OCE 9707084	
Observers:					
Foreign Observers					
Jonathan Alberts, Marine Ops Coordinator <i>Jonathan Alberts</i>				10 Dec 1999	
Christina Courcier, Staff Assistant <i>Christina Courcier</i>				Date:	
Title, Signature, Operating Institution Official					

## Cruise Report (Continued)

R/V OCEANUS

Dates: 12/3-12/7/99

Voyage No. OC 354

### 7. Participating Personnel

Code	Title, Name, Institution	Function on Cruise (Ch. Sci., Sci., Obs., Tech., Grad-Stud., Undergrad, For. Obsv.)	Dates
15.	Ms. Laura Goepfert WHOI	Tech.	



Robert B. Gagosian  
Director

## Woods Hole Oceanographic Institution

Woods Hole, Massachusetts 02543-1522  
Phone: (508) 289-2500  
Fax: (508) 457-2190  
Telex: 951679

November 19, 1999

Captain Lawrence Bearse  
Woods Hole Oceanographic Institution  
*R/V Oceanus*, Voyage #354  
Woods Hole, MA 02543

Dear Captain Bearse:

On or about 1 December 1999, your vessel being ready for sea and weather permitting, you will depart Woods Hole, Massachusetts, on Voyage #354. The vessel will return to Woods Hole at its completion.

The U.S. Geological Survey is conducting a study of the transport and fate of sediments and associated contaminants in the New York Bight. As part of this study this cruise will deploy a six-element moored array to investigate the resuspension, transport, and deposition of sediments in the vicinity of the Hudson Shelf Valley. CTD's and video-sampling casts are planned as well.

The study area will be in the vicinity of 40° 00' N and 73° 00' W. Scientific marine research within the exclusive economic zone of any country is strictly prohibited.

The scientific personnel participating on this leg, under the direction of Dr. Bradford Butman, Chief Scientist are:

***R/V OCEANUS***  
**Voyage #354**  
**Woods Hole, MA - Woods Hole, MA**  
**1 December 1999 - 5 December 1999**

Dr. Bradford Butman, Chief Scientist, United States Geological Survey  
Ms. Marina Martini, United States Geological Survey  
Ms. Jessica M. Cote, United States Geological Survey  
Dr. Richard Rendigs, United States Geological Survey  
Mr. Jonathan Borden, United States Geological Survey  
Mr. Dann Steven Blackwood, United States Geological Survey  
Dr. Courtney Kay Harris, United States Geological Survey  
Dr. Ellen Livingston Mecray, United States Geological Survey  
Dr. Marilyn ten Brink, United States Geological Survey  
Dr. David R. Walsh, United States Geological Survey  
Dr. Peter Traykovski, United States Geological Survey  
Dr. Benjamin Gutierrez, United States Geological Survey  
Dr. Jason Hyatt, United States Geological Survey  
Ms. Laura Goepfert, Woods Hole Oceanographic Institution

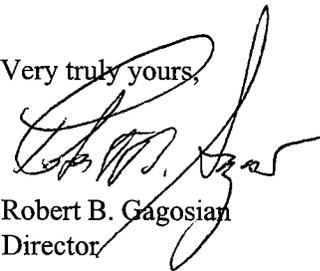
JANE DENNY USGS ~~CRA~~ 11/28  
TOTAL SCIENTISTS : 17  
SSSG :  $\frac{1}{15}$

Capt. Lawrence Bearse  
*R/V Oceanus, Voyage #354*  
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Please advise the Port Office of all personnel changes prior to departure and maintain the daily schedule with KXC713 on S.S.B. or via satellite on assigned frequencies, and submit to the Port Office at radio contact on Mondays and Thursdays a situation report from the Master and Chief Scientist.

I wish you a pleasant and successful voyage.

Very truly yours,

A handwritten signature in black ink, appearing to read 'R. B. Gagosian', written over the typed name and title.

Robert B. Gagosian  
Director

RBG:reg

# RESEARCH VESSEL OCEANUS

## CREW LIST

VOYAGE # 354  
WOODS HOLE TO WOODS HOLE  
DECEMBER 1, 1999

CAPTAIN

NAME	RATING
1. COURTENAY BARBER, III	CAPTAIN
2. ANTHONY DIEGO MELLO	CH MATE
3. EMILY SHEASLEY	2 <sup>ND</sup> MATE
4. JEFFREY STOLP	BOATSWAIN
5. HORACE MEDEIROS	AB
6. ALAN J. HOPKINS	AB
7. PETER LIARIKOS	OS
8. RICHARD MORRIS	CHIEF ENGINEER
9. KEVIN KAY	JR. ENGR.
10. ALBERTO COLLASIUS, JR.	JR. ENGR.
11. MARC BLANCO	STEWARD
12. BENJAMIN MALARKEY	MESS ATTENDANT

### SCIENTISTS

13. DR. BRADFORD BUTMAN	CHIEF SCIENTIST
14. MS. MARINNA MARTINI	SCIENTIST
15. MS. JESSICA M. COTE	"
16. DR. RICHARD RENDIGS	"
17. MR. JONATHAN BORDEN	"
18. MR. DANN STEVEN BLACKWOOD	"
19. DR. COURTENY KAY HARRIS	"
20. DR. ELLEN LIVINGSTON MECRAY	"
21. DR. MARILYN TEN BRINK	"
22. DR. DAVID R. WALSH	"
23. DR. PETER TRAYKOVSKI	"
24. DR. BENJAMIN GUTIERREZ	"
25. DR. JASON HYATT	"
26. MS. JANE DENNY	"
27. MS. LAURA GOEPFERT	SSSG TECH.





## Comments on RV OCEANUS Cruise OC354

1. Outstanding, skilled, helpful, courteous crew. Well-maintained, equipped, and safely-operated ship with outstanding capabilities for the job at hand. OCEANUS made going to sea (almost) easy. All major cruise objectives were accomplished.
2. Good communication between Port Office, OCEANUS, and Marine Facility for planning, mobilizing, and demobilizing the cruise.
3. Start of the cruise was delayed from 12/1 at 0800 until 12/2 due to weather. Flexibility to accommodate severe weather at this time of the year improved the success of the cruise (the possibility of a weather delay at the beginning of the cruise was discussed at the time of initial scheduling).
4. Following the weather delay, OC354 was further delayed until 12/3 due to failure of OCEANUS's bow thruster. USGS suggested extending the cruise to 12/8 at 0800 to account for this lost time, but policy precluded extending the cruise without charging for an additional full day. WHOI should consider establishing some flexibility in the ship accounting procedure to accommodate unusual occasions where ship time is lost due to circumstances beyond either party's control. In the case of OC354, OCEANUS was away from the dock for about 96 hours (4 days), yet USGS paid for 120 hours (5 days).
5. During the cruise, we utilized the CTD boom to deploy a small bottom imaging and sampling package. To accommodate this, an additional block was hung below the CTD sheave. This worked extremely well. However, switching from sampler to CTD at sea was awkward (we had to remove the imaging wire from the sheave in order to use the CTD), and would have been difficult in any kind of sea. WHOI might consider modifying the starboard-side deployment system to easily allow two systems to be conveniently deployed from the CTD boom. Perhaps the simplest solution would be to adjust the throw of the CTD boom so that blocks on the boom could be reached from the 01 Deck (they are not reachable now). This would require increasing the inboard travel of the boom by about 1 foot.

Thanks for all of your hard work and a successful cruise.

  
12/13/99