90044

RESEARCH VESSEL OCEANUS
CREW LIST VOYAGE #227
WOODS HOLE TO ST. GEORGES, BERMUDA
NOV. 4,1990

1.	Michael Palmieri	Master	U.S.	Z045267625
2.	Lawrence T. Bearse	1st Mate	"	Z027342226
3.	J. Douglas Mayer	2nd Mate	"	Z021326057
4.	Richard F. Simpkin	Bosn	"	Z018229579
5.	Edward F. Graham	A.B.	"	Z033326650
6.	Alberto Collasius Jr.	A.B.	"	Z023448709
7.	Jeffrey M. Stolp	O.S.	"	Z124385717
8.	Barrett H. Mc Laughlin	Ch. Engineer	"	Z914831
9.	J. Kevin Kay	Jr. Emgineer	"	Z016324317
10.	Patrick S. Mone	Jr. Engineer	"	Z010589872
11.	Hugh B. Dakers	Steward	"	Z592651
12.	Christopher T. Blank	Messman	"	Z012454046
13.	William R. Martin	Ch. Scientist	"	PP 100102803
14.	Frederick L. Sayles	Scientist	"	PP G555776
15.	Joanne G. Olmsted	"	"	PP 080602414
16.	Wayne H. Dickinson	"	"	PP E2117650
17.	Daniel C. Mc Corkle	"	"	PP 070479973
18.	John J. Lee	"	"	PP 100354523
19.	Russell Winchell	"	"	SS 036380832
20.	Rosemarie Petrecca	"	"	SS 049506575
21.	Kelly Rankin	"	"	SS 154640839
22.	Richard Rendigs	"	"	SS 044428232
23.	Carol Parmenter	"	"	SS 003344244

Michael Palmieri

Michael Palmieri
Master

RESEARCH VESSEL OCEANUS
CREW LIST VOYAGE #227
DEPARTURE ST. GEORGES, BERMUDA
NOV.24,1990

1.	Michael Palmieri	Master	U.S.	Z045267625
2.	Lawrence T. Bearse	1st Mate	"	Z027342226
3.	J. Douglas Mayer	2nd Mate	"	Z021326057
4.	Edward F. Graham	A.B.	"	Z033326650
5.	Alberto Collasius Jr.	A.B.	"	Z023448709
6.	Jeffrey M. Stolp	O.S.	"	Z124385717
7.	Barrett H. Mc Laughlin	Ch. Engineer	"	Z914831
8.	J. Kevin Kay	Jr. Emgineer	"	Z016324317
9.	Patrick S. Mone	Jr. Engineer	"	Z010589872
10.	Hugh B. Dakers	Steward	"	Z592651
11.	Christopher T. Blank	Messman	"	Z012454046

Michael Palmieri

Michael Palmieri
Master

CRUISE REPORT
Ship Utilization Data

UNOLS 12/89

Name	2. Operating Institution	3. Cruise (leg) Number
R/V OCEANUS	W.H.O.I.	Voyage #227, Leg I

s .oject:
gin: 11/4/90
d: 11/11/90

Port Calls

Place	Date
ods Hole, MA	11/4/90
ods Hole, MA	11/11/90

Voyage broken up because of bad weather)

ıber, Sea Days	6. Number, Port Days
21	

ea of Operations, Area Index and ographic Description

NA6

:search in Foreign Waters? Yes

ountry: Bermuda

7. Participating Personnel:

Code	Title, Name, Institution	Function on Cruise (Ch. Sci., Sci., Obs., Tech., Grad. Student, Undergrad., For. Obsv.)	Dates (if less than entire cruise)
1.	Dr. William R. Martin, WHOI	Ch. Sci., Asst. Sci.	
2.	Dr. Frederick L. Sayles, WHOI	Scientist	
3.	Dr. Daniel C. McCorkle, WHOI	Asst. Scientist	
4.	Ms. Joanne G. Olmsted, WHOI	Research Assistant	
5.	Wayne H. Dickinson, WHOI	Research Associate	
6.	John J. Lee, WHOI	Res. Asst. II	
7.	Russell Winchell, Ocean Taxonomic Service	Observer	
8.	Rosemarie Petrecca, Inst. of Coastal Sciences, Rutgers U.	Field Researcher I	
9.	Kelly Rankin, Rutgers University	Student	
10.	Richard Rendigs, United States Geological Survey	Geologist	
11.	Carol Parmenter, United States Geological Survey	Geologist	
12.			
13.			
14.			

Use reverse if necessary

9. Primary Project(s)

ject. .de, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline
. The concentration and carbon isotopic composition of dissolved organic carbon in deep-sea pore waters. -- W.R. Martin and D.C. McCorkle	NSF	OCE-8900105	1, 3, 6	Chemistry
.Effects of sludge carbon on benthic metabolism macrofauna activity and redox zonation. --Frederick Sayles	NOAA/NSF		2, 4, 5	Chemistry

10. Ancillary Project(s)

oject title, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline

Science Party:

entists	6	Grad. Students	
dergrads	1	Technicians	3
servers	1		
reign Observers			

12. Cost Allocation Data

a. Days Charged	b. Agency or Activity Charged	c. Grant or Contract No.
12	NSF	OCE-9000959
9	NOAA/NURP (University of Connecticut)	P.O. No. 600 61372

Eileen Lilly 12/19/90
George Gus

Title, Signature, Operating Institution Official

Date

ı Page Size Track Chart

Project Title	Sponsoring Agency	Grant or Contract No.	Participating Personnel	Discipli
3. Marine long-term ecosystems observatory sites off the coast of New Jersey: a potentially impacted deep-sea area at 2500 m depth sewage disposal site. --J. F. Grassle	NOAA/NURP	P. O. No. 600 61372	7-11	Biology

CRUISE REPORT
Ship Utilization Data

UNOLS 12/89

p Name	2. Operating Institution	3. Cruise (leg) Number
R/V OCEANUS	W.H.O.I.	Voyage #227, Leg II

tes roject:
egin: 11/14/90
nd: 11/23/90

Port Calls

Place	Date
oods Hole, MA	11/14/90
. George, Bermuda	11/23/90

(Voyage broken up because of bad weather)

mber, Sea Days	6. Number, Port Days
21	

rea of Operations, Area Index and eographic Description

NA6

Research in Foreign Waters? Yes

Country: Bermuda

7. Participating Personnel:

Code	Title, Name, Institution	Function on Cruise (Ch. Sci., Sci., Obs., Tech., Grad. Student, Undergrad., For. Obsv.)	Dates (if less than entire cruise)
1.	Dr. William R. Martin, WHOI	Ch. Sci., Asst. Sci.	
2.	Dr. Frederick L. Sayles, WHOI	Scientist	
3.	Dr. Daniel C. McCorkle, WHOI	Asst. Scientist	
4.	Ms. Joanne G. Olmsted, WHOI	Research Assistant	
5.	Wayne H. Dickinson, WHOI	Research Associate	
6.	John J. Lee, WHOI	Res. Asst. II	
7.	Russell Winchell, Ocean Taxonomic Service	Observer	
8.	Rosemarie Petrecca, Inst. of Coastal Sciences, Rutgers U.	Field Researcher I	
9.	Kelly Rankin, Rutgers University	Student	
10.	Richard Rendigs, United States Geological Survey	Geologist	
11.	Carol Parmenter, United States Geological Survey	Geologist	
12.			
13.			
14.			

Use reverse if necessary

9. Primary Project(s)

oject title, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline
1. The concentration and carbon isotopic composition of dissolved organic carbon in deep-sea pore waters. -- W.R. Martin and D.C. McCorkle	NSF	OCE-8900105	1, 3, 6	Chemistry
2. Effects of sludge carbon on benthic metabolism macrofauna activity and redox zonation. --Frederick Sayles	NOAA/NSF		2, 4, 5	Chemistry

10. Ancillary Project(s)

roject title, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline

Science Party:

ientists	6	Grad. Students	
ndergrads	1	Technicians	3
bservers	1		
oreign Observers			

12. Cost Allocation Data

a. Days Charged	b. Agency or Activity Charged	c. Grant or Contract No.
12	NSF	OCE-9000959
9	NOAA/NURP (University of Connecticut)	P.O. No. 600 61372

Thlean Lilly 12/19/90
George Grice

Title, Signature, Operating Institution Official

Date

ch Page Size Track Chart

Project Title	Sponsoring Agency	Grant or Contract No.	Participating Personnel	Discipl
3. Marine long-term ecosystems observatory sites off the coast of New Jersey: a potentially impacted deep-sea area at 2500 m depth sewage disposal site. --J. F. Grassle	NOAA/NURP	P. O. No. 600 61372	7-11	Biology

CRUISE REPORT
Ship Utilization Data

UNOLS 12/89

Ship Name	2. Operating Institution	3. Cruise (leg) Number
R/V OCEANUS (Transit)	W.H.O.I.	Voyage #227, Leg III

Project:
Begin: 11/24/90
End: 11/26/90

Port Calls

Place	Date
St. George, Bermuda	11/24/90
Woods Hole, MA	11/26/90

(Voyage broken up because of bad weather)

5. Number, Sea Days	6. Number, Port Days
3	

Area of Operations, Area Index and Geographic Description

NA6

Research in Foreign Waters? Yes
Country:

7. Participating Personnel:

Code	Title, Name, Institution	Function on Cruise (Ch. Sci., Sci., Obs., Tech., Grad, Student, Undergrad., For. Obsv.)	Dates (If less than entire cruise)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

Use reverse if necessary

9. Primary Project(s)

Project Title, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline

10. Ancillary Project(s)

Project title, Principal Investigator, Institution	b. Sponsoring Agency/ Activity	c. Grant or Contract Number	d. Participating Personnel	e. Discipline

11. Science Party:

Scientists 0 Grad. Students 0
Undergrads 0 Technicians 0
Observers 0
Foreign Observers 0

12. Cost Allocation Data

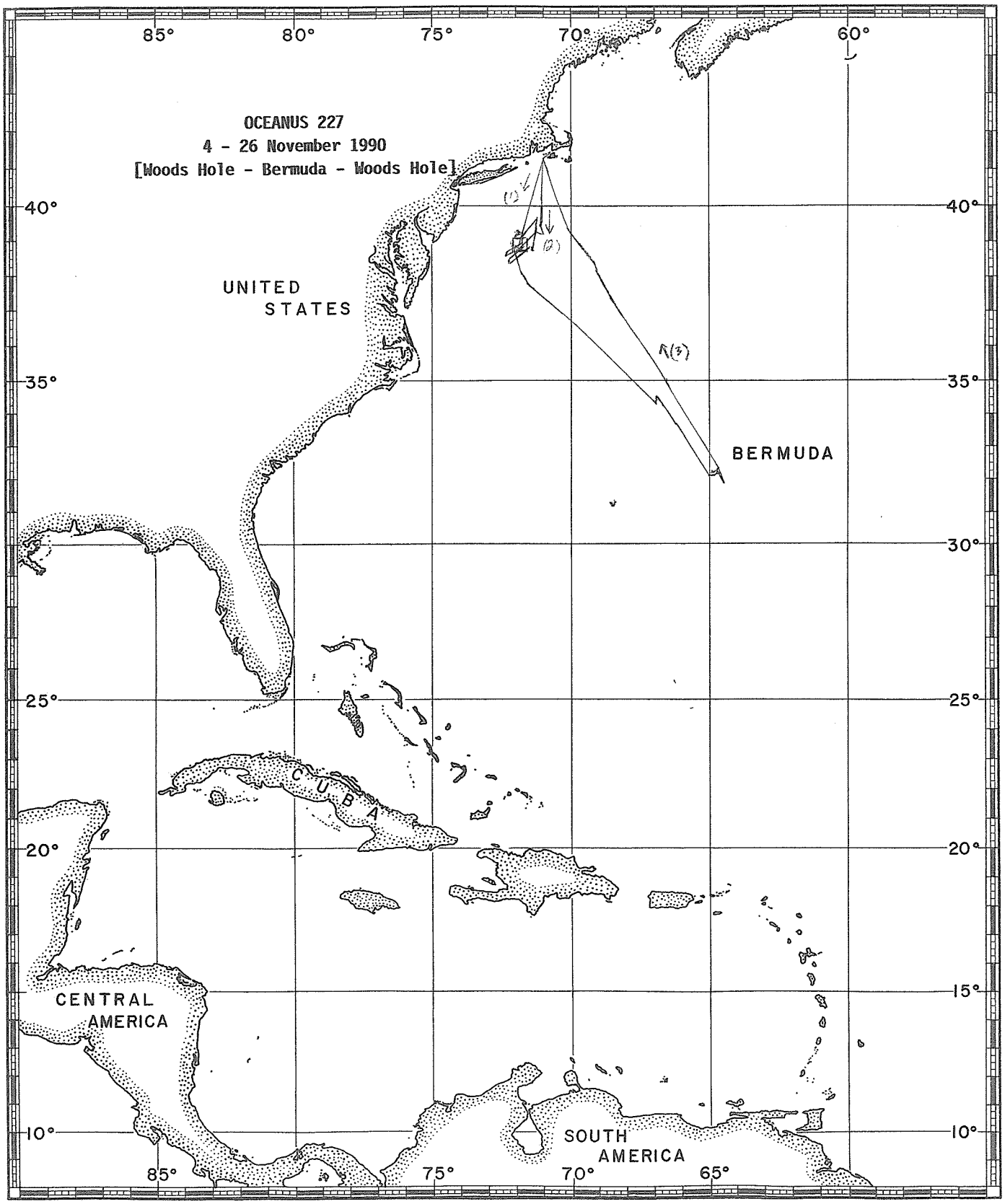
a. Days Charged	b. Agency or Activity Charged	c. Grant or Contract No.
3 (transit)	NSF	OCE-9000959

13. Kathleen Lilly 12/19/90
for George Agney
Title, Signature, Operating Institution Official

Date

Each Page Size Track Chart

Note: Leg 1 Nov 4 - 11 WH - WH
2 Nov 14 - 23 WH - Bermuda
3 Nov 24 - 26 Bermuda - WH



RESEARCH VESSEL OCEANUS VOYAGE NO. 227

AT SEA DATES - From: 4 Nov. 1990 To: 23 NOV

PARTICIPATING SCIENTISTS Name (in full) Rank (Dr./Mr./Ms.)	NATION-ALITY	PORT WOODS HOLE Date On Vessel	PORT BERMUDA Date Off Vessel	TITLE at HOME ORGANIZATION or Woods Hole Assigned Title (Scientist/Administrator Professor/Grad Student Research Tech/Lab Asst. Guest Invest./Observer)	AFFILIATION (Laboratory/Company Government/Military University)
1 DR. WILLIAM R. MARTIN	U.S.	4 Nov	23 Nov	Ch. Sci; Assistant Scientist	W.H.O.I.
2 Dr. Frederick L. Sayles	"	"	"	Chem. Department Chairman	"
3 Dr. Daniel C. Mc Corkle	"	"	"	Assistant Scientist	"
4 Ms Joanne G. Olmsted	"	"	"	Research Assistant	"
5 Wayne H. Dickinson	"	"	"	Research Associate	"
6 John J. Lee	"	"	"	R.A. II	"
7 Russell Winchell	"	"	"		Ocean Taxonomic Servic
8 Rosemarie Petrecca	"	"	"	Field Researcher I	Inst of Marine & Coast
9 Kelly Rankin	"	"	"	Student	Sciences, Rutgers University
10 Richard Rendigs	"	"	"	Geologist	U.S.G.S.
11 Carol Parmenter	"	"	"	Geologist	U.S.G.S.
12					
13					
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15					
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18					
19					
20					
21					
22					
23					