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R/V Cape_Henlopen 2003 FINAL Schedule

CRUISE DATES	MAP INDEX/AREA/ PURPOSE	P.I./INSTITUTION/ PROPOSAL NO.	PORTS	DAYS/AGENCY/ STATUS/ CLEARANCE
01 JAN 15 JAN	NA6//	Hawkins//	Lewes Lewes	0 (Non-Op)//
Stbd M/E and gen-set out for routine overhaul -----				
31 JAN 31 JAN	NA6/Delaware Bay/ Del Bay Obs System	Thoroughgood/Udel/ N/A	Lewes Lewes	1/NOAA/F No
03 FEB 06 FEB	//	hawkins//	Lewes Lewes	0 (Non-Op)//
Multibeam system installation, calibration. -----				
07 FEB 07 FEB	NA6/Delaware Bay/ Equipment Testing	Hawkins/Udel/ N/A	Lewes Lewes	1/NAVY/F No
Date approximate. U/W testing and calibration of multibeam. -----				
10 FEB 14 FEB	//	hawkins//	Lewes Lewes	0 (Non-Op)//
Multibeam system training. -----				
17 FEB 21 FEB	NA6//	Hawkins//	Lewes Lewes	0 (Non-Op)//
Non-Routine Shipyard - Bottom painting only. -----				
02 MAR 06 MAR	NA6/Chesapeake Bay/ Biology	Wommack /Udel/ MCB 0132070	Lewes Lewes	5/NSF/F No
09 MAR 13 MAR	NA6/Atlantic Shelf (?)/	Blough / Univ. of MD/N/A	Lewes Lewes	5/NAVY/F No
17 MAR 18 MAR	NA6/Del Bay Obs System/Benthic	Thoroughgood/Udel/ N/A	Lewes Lewes	2/NOAA/F No
Multibeam required. -----				
19 MAR 20 MAR	NA6/Delaware Bay/Coastal/Education	Madsen /Udel/ DUE-0088527	Lewes Lewes	2/NSF/F No
Multibeam required. Combined logistically with Thoroughgood cruise for minimal mobilization. -----				

22 MAR	NA6/Delaware Bay/	Sharp/UDel/	Lewes	3/NSF/F
24 MAR	Chemistry	0082238	Lewes	No
DON				

27 MAR	NA6//	N/A//	Lewes	1/NSF/F
27 MAR	Transit		Cambridge,	No
28 MAR	NA6/Chesapeake Bay/	Ward /Princeton/	Cambridge,	6/NSF/F
02 APR	Biocomplexity	9981482	Cambridge,	No
03 APR	NA6//	N/A//	Cambridge	1/NSF/F
03 APR	Mobilization		Lewes	No
Offload Ward. Transit to Lewes for Garvine moorings.				

04 APR	/Delaware Coast/	Garvine /Udel/	Lewes	2/NSF/F
05 APR	PhysO	0220446	Lewes	No
Mooring Deployments. Must be week between mooring deployment and Scanfish to allow instrument installation by diver.				

06 APR	NA6//	N/A//	Lewes	1/NSF/F
06 APR	Transit		Cambridge,	No
07 APR	NA6/Chesapeake Bay/	Wommack /Udel/	Cambridge,	5/NSF/F
11 APR	Biology	MCB 0132070	Lewes	No
14 APR	NA6/Delaware Coast/	Garvine /Udel/	Lewes	3/NSF/F
16 APR	PhysO	0220446	Lewes	No
Scanfish Req'd				

27 APR	NA6/NJ Coast/	Makris /MIT/	Lewes	20/NAVY/F
16 MAY	Acoustics	N/A	Lewes	Np
Geoclutter. Port call for fuel and personnel change on or about May 9. 3-ship operation with OCEANUS and ENDEAVOR.				

21 MAY	NA6/Delaware Coast/	Garvine /Udel/	Lewes	1/NSF/F
21 MAY	PhysO	0220446	Lewes	No
Emergency Mooring Recovery.				

30 MAY	NA6/Delaware Coast/	Garvine /Udel/	Lewes	1/NSF/F
30 MAY	PhysO	0220446	Lewes	No
Mooring Recovery.				

02 JUN	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	5/NSF/F
06 JUN	Biology	MCB 0132070	Lewes	No
10 JUN	NA6/Delaware Bay/	Sharp/Udel/	Lewes	2/NOAA/F
11 JUN	Chemistry	N/A	Lewes	No
Renewal for R/ME-32				

14 JUN	NA6/Delaware Bay/	Thoroughgood/UDel/	Lewes	1/NOAA/F
14 JUN	Del Bay Obs System	N/A	Lewes	No
30 JUN	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	4/NSF/F

03 JUL	Biology	MCB 0132070	Lewes	No
06 JUL	NA6/Delaware Bay/	Dittel /Udel/	Lewes	3/NSF/F
08 JUL	Intern	OCE 0139014	Lewes	No
10 JUL	NA6/Coastal (NJ to	Gibson/EPA/	Lewes	4/EPA/F
13 JUL	VA)/Chemistry	N/A	Lewes	No
15 JUL	NA6/Coastal (NJ to	Gibson/EPA/	Lewes	5/EPA/F
19 JUL	VA)/Chemistry	N/A	Lewes	No
22 JUL	NA6/Delaware Bay/	Kirchman /Udel/	Lewes	3/NOAA/F
24 JUL	Chemistry/Biology	N/A	Lewes	No
RB-42				

29 JUL	NA6/Delaware Bay/	Sharp/Udel/	Lewes	2/NSF/F
30 JUL	Chemistry	0082238	Lewes	No
DON				

02 AUG	/Chesapeake Bay/	Luther /Udel/	Lewes	7/NSF/F
08 AUG	Chemistry	OCE 0096365	Lewes	No
11 AUG	NA6/Delaware Coast/	Epifanio/Udel/	Lewes	5/NOAA/F
15 AUG	Biology/PhyspO	N/A	Lewes	No
Scanfish Req'd				

16 AUG	NA6/Delaware Coast/	Garvine /Udel/	Lewes	4/NSF/F
19 AUG	PhysO	0220446	Lewes	No
Scanfish Req'd. Combined logistically with Epifanio cruise which also requires Scanfish.				

22 AUG	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	5/NSF/F
26 AUG	Biology	MCB 0132070	Cape Charle	No
27 AUG	NA6/Atlantic Coast/	Kirchman /Udel/	Cape Charle	2/NOAA/F
28 AUG	Chemistry/Biology	N/A	Lewes	No
RB-42				

01 SEP	NA6/Delaware Bay/	Thoroughgood/CS/	Lewes	2/NOAA/F
02 SEP	Del Bay Obs System	Udel/N/A	Lewes	No
Multibeam req'd.				

04 SEP	NA6//	n/a/Udel/	Lewes	0/Other/F
07 SEP	Shipyard/Repairs	n/a	Lewes	no
Emergency haul out for hull repairs.				

13 SEP	NA6/Geo-Clutter site,	TC Yang/NRL/	Lewes	4/NAVY/F
16 SEP	NY bight/Acoustics	N/A	Lewes	No
Cruise delayed due to emergency haul out and TS "Henri". Shortened due to hurricane "Isabel". Only 4 of 10 original days sailed.				

23 SEP	NA6/Chesapeake and	Boyd/NRL/	Lewes	4/NAVY/F

26 SEP	Coastal/Chemistry	N/A	Lewes	No
01 OCT	NA6//	N/A//	Lewes	1/NSF/F
01 OCT	Transit		Cambridge,	No
02 OCT	NA6/Chesapeake Bay/	Ward /Princeton/	Cambridge,	6/NSF/F
07 OCT	Biocomplexity	9981482	Cambridge,	No
08 OCT	NA6//	N/A/N/A/	Cambridge,M	1/NSF/F
08 OCT	Transit	N/A	Lewes	No
Transit and Load Wommack.				

09 OCT	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	4/NSF/F
12 OCT	Biology	MCB 0132070	Lewes	No
14 OCT	NA6/Delaware	McDowell /	Lewes	1/Other/F
14 OCT	Bay/Coasta/AUV Testing	Penn State/N/A	Lewes	No
16 OCT	NA6/Delaware	McDowell /	Lewes	1/Other/F
16 OCT	Bay/Coasta/AUV Testing	Penn State/N/A	Lewes	No
20 OCT	NA6/Delaware Bay/	Sharp/Udel/	Lewes	4/NOAA/F
23 OCT	Chemistry	N/A	Lewes	No
R/ME-32				

27 OCT	NA6/Delaware Bay/	Thoroughgood/MB/	Lewes	3/NOAA/F
29 OCT	Phys-O/Del Bay Obs Sys	Udel/N/A	Lewes	No
Scanfish and/or multibeam Req'd.				

01 NOV	NA6/Delaware Bay/	Thoroughgood/MB/	Lewes	1/NOAA/F
01 NOV	Del Bay Obs System	Udel/N/A	Lewes	No
03 NOV	NA6//	N/A/n/a/	Lewes	1/NSF/F
03 NOV	Transit	n/a	Cambridge,	No
04 NOV	NA6/Chesapeake Bay/	Mike Roman /Umd/	Cambridge,	7/NSF/F
10 NOV	Biology/Chemistry	n/a	Cambridge,	No
Cruise to determine effects of hurricane "Isabel" on Chesapeake Bay. Scanfish Req'd.				

11 NOV	NA6//	N/A/N/A/	Cambridge,M	1/NSF/F
11 NOV	Transit	N/A	Lewes	No
09 DEC	NA6/Delaware Bay/	Sharp/UDel/	Lewes	1/NSF/F
09 DEC	Chemistry	0082238	Lewes	No
DON				

Agency	Funded	Proposed	TOTAL
EPA	9.0	0.0	9.0
NAVY	34.0	0.0	34.0
NOAA	26.0	0.0	26.0
NSF	83.0	0.0	83.0
Other	2.0	0.0	2.0
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TOTAL

154.0

0.0

154.0