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R/V Cape_Henlopen 2004 FINAL Schedule

CRUISE DATES	MAP INDEX/AREA/PURPOSE	P.I./INSTITUTION/PROPOSAL NO.	PORTS	DAYS/AGENCY/STATUS/CLEARANCE
04 FEB	NA6/Del Bay/	n/a//	Lewes	0 (Non-Op) /
05 FEB	NSF Inspection		Lewes	NSF/
09 FEB	NA6/Delaware Bay/	Thoroughgood/MB/	Lewes	1/NOAA/F
09 FEB	Phys-O	Udel/N/A	Lewes	No
Delaware Bay Observing System. Lighthouse installations.				

11 FEB	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	4/NSF/F
14 FEB	Biology	MCB 0132070	Lewes	No
01 MAR	NA6/Delaware/Ches	Boyd /NRL/	Lewes	4/NAVY/F
04 MAR	Bays/Chemistry	N/A	Lewes	No
05 MAR	NA6/Delaware/Ches	Boyd /NRL/	Lewes	1/NAVY/F
05 MAR	Bays/Chemistry	N/A	Lewes	No
21 MAR	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	4/NSF/F
24 MAR	Biology	MCB 0132070	Lewes	No
27 MAR	NA6/Delaware Coast/	Garvine /Udel/	Lewes	2/NSF/F
28 MAR	Phys-O	OCE 0220446	Lewes	No
Mooring deployments				

31 MAR	NA6//	N/A/N/A/	Lewes	1/NSF/F
31 MAR	Transit	N/A	Cambridge	No
01 APR	NA6/Chesapeake Bay/	Ward /Princeton/	Cambridge	12/NSF/F
12 APR	Bio-complexity	OCE 9981482	Cambridge	No
Scanfish Req'd for one leg. One leg offshore.				

13 APR	NA6//	N/A/N/A/	Cambridge	1/NSF/F
13 APR	Transit	N/A	Lewes	No
15 APR	NA6/Delaware Coast/	Garvine /Udel/	Lewes	6/NSF/F
20 APR	Phys-O	OCE 0220446	Lewes	No
Dye injections, ADCP. Scanfish Req'd. Ops completed one day early.				

24 APR	NA6/Geo-Clutter Site/	Fromm, David /NRL/	Lewes	11/NAVY/F
04 MAY	Acoustics	N/A	Lewes	No
Two ship ops w/ENDEAVOR.				

07 MAY	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	5/NSF/F
11 MAY	Biology	MCB 0132070	Lewes	No
13 MAY	NA6/Delaware Coast/	Garvine /Udel/	Lewes	7/NSF/F
19 MAY	Phys-O	OCE 0220446	Lewes	No
Dye injections, ADCP. Scanfish Req'd.				

22 MAY	NA6/Delaware Coast/	Garvine /Udel/	Lewes	2/NSF/F
23 MAY	Phys-O	OCE 0220446	Lewes	No
Mooring recoveries				

30 MAY	NA6/Delaware Bay/	Sommerfield /Udel/	Lewes	2/NOAA/F
31 MAY	Benthic	N/A	Lewes	No
Multibeam Req'd. Combined with Goff to save mobilization and transit.				

01 JUN	NA6/Geo-Clutter Site/	Goff/U. Texas/	Lewes	5/NAVY/F
05 JUN	Mapping	N/A	Lewes	No
Multibeam Req'd.				

07 JUN	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	5/NSF/F
11 JUN	Biology	MCB 0132070	Lewes	No
13 JUN	NA6/Delaware Bay/	Thoroughgood/MB/	Lewes	1/NOAA/F
13 JUN	Phys-O	Udel/N/A	Lewes	No
Delaware Bay Observing System. Lighthouse installations.				

15 JUN	NA6/Coastal/	Gibson /N/A/	Lewes	15/EPA/F
29 JUN	Nutrient Survey	N/A	Lewes	No
New England to Carolinas work area.				

08 JUL	NA6/Delaware Bay/	Dittel /Udel/	Lewes	3/NSF/F
10 JUL	Intern	OCE 0139014	Lewes	No
Multibeam req'd (1 day)				

12 JUL	NA6/Chesapeake Bay/	Wommack /Udel/	Lewes	3/NSF/F
14 JUL	Biology	MCB 0132070	Lewes	No
16 JUL	NA6//	N/A/N/A/	Lewes	1/NSF/F
16 JUL	Transit	N/A	Cambridge	No
17 JUL	NA6/Chesapeake Bay/	Ward /Princeton/	Cambridge	6/NSF/F
22 JUL	Bio-complexity	OCE 9981482	Cambridge	No
Scanfish Req'd for one leg.				

23 JUL	NA6//	N/A/N/A/	Cambridge	1/NSF/F
23 JUL	Transit	N/A	Yorktown	No
24 JUL	NA6/Chesapeake Bay/	Bronk /VIMS/	Yorktown, V	7/NSF/F
30 JUL	Chemistry/Bio	OCE 0221825	Yorktown, V	No
31 JUL	NA6//	N/A/N/A/	Yorktown	1/NSF/F
31 JUL	Mobilization/Transit	N/A	Lewes	No

Offload Bronk & Load Gawarkiewicz.

01 AUG NA6/North Carolina Coa Gawarkiewicz/WHOI/ Lewes 14/NSF/F
 14 AUG st/Cape Hattera/Phys-O OCE 0241530 Lewes No

Scanfish Required.

16 AUG NA6/Chesapeake/ [Luther](#)/Udel/ Lewes 6/NSF/F
 21 AUG Chemistry OCE 0308398 Lewes No

Luther's van Req'd. Multibeam Req'd (2 days). One day postponed until October
 due to wx - combine w/SeaGrant work.

24 AUG NA6/Delaware/Ches [Boyd](#)/NRL/ Lewes 5/NAVY/F
 28 AUG Bays/Chemistry N/A Lewes No

Requested late July

30 AUG NA6/Chesapeake Bay/ [Wommack](#)/Udel/ Lewes 5/NSF/F
 03 SEP Biology MCB 0132070 Lewes No

06 SEP NA6/Geo-Clutter site/ [T.C. Yang](#)/NRL/ Lewes 6/NAVY/F
 11 SEP Acoustics N/A Lewes No

Dates specific. One day lost due to wx.

15 SEP NA6/Delaware Coast/ [Epifanio](#)/Udel/ Lewes 4/NOAA/F
 18 SEP Biology N/A Lewes No

Scanfish Req'd.

26 SEP NA6// N/A/N/A/ Lewes 1/NSF/F
 26 SEP Transit N/A Cambridge No

27 SEP NA6/Chesapeake Bay/ [Ward](#)/Princeton/ Cambridge 10/NSF/F
 06 OCT Bio-complexity OCE 9981482 Cambridge No

Scanfish Req'd for one leg. 4 days added for offshore transect not able to be
 completed earlier in th year.

07 OCT NA6// N/A/N/A/ Cambridge 1/NSF/F
 07 OCT Transit N/A Lewes No

12 OCT NA6/Delaware Bay/ [Sommerfield](#)/Udel/ Lewes 2/NOAA/F
 13 OCT Benthic N/A Lewes No

Multibeam Req'd.

17 OCT NA6/Chesapeake/ [Luther](#)/Udel/ Lewes 2/NOAA/F
 18 OCT Chemistry N/A Lewes No

Buoy deployments and instrument testing.

19 OCT NA6/Chesapeake/ [Luther](#)/Udel/ Lewes 1/NSF/F
 19 OCT Chemistry OCE 0308398 Lewes No

26 OCT NA6/Chesapeake Bay/ [Wommack](#)/Udel/ Lewes 4/NSF/F
 29 OCT Biology MCB 0132070 Lewes No

20 NOV NA6/Delaware Bay/ Thoroughgood/MB/ Lewes 1/NOAA/F

Agency	Funded	Proposed	TOTAL
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EPA	15.0	0.0	15.0
NAVY	32.0	0.0	32.0
NOAA	13.0	0.0	13.0
NSF	113.0	0.0	113.0
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TOTAL	173.0	0.0	173.0