
19 MAR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
20 MAR	Bay/Diatom Blooms	OCE-0118044	Seattle	
25 MAR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
26 MAR	Bay/Diatom Blooms	OCE-0118044	Seattle	
31 MAR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	3/NSF/F
02 APR	Bay/Diatom Blooms	OCE-0118044	Seattle	
04 APR	NP9/Puget Sound/	McDuff,R /UW/	Seattle	5/STATE/F
08 APR	Student Instruction	75-0364	Seattle	
	Ocean 444/M. Holmes			

09 APR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
10 APR	Bay/Diatom Blooms	OCE-0118044	Seattle	
14 APR	NP9/Puget Sound/	McDuff,R /UW/	Seattle	3/STATE/F
16 APR	Student Instruction	75-0364	Seattle	
	Ocean 220/R. Sternberg			

17 APR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
18 APR	Bay/Diatom Blooms	OCE-0118044	Seattle	
22 APR	NP9/Puget Sound/	Miller,C /OSU/	Seattle	4/NSF/F
25 APR	Copepod & Water Column	OCE-0221202	Seattle	
	Second of four 4-day cruises, from March into June.			

28 APR	NP9/Puget Sound/	Lidstrom,M /UW/	Seattle	1/NSF/F
28 APR	Microbial Observatory	MCB-0131957	Seattle	
	First of two funded days.			

30 APR	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
01 MAY	Bay/Diatom Blooms	OCE-0118044	Seattle	
05 MAY	NP9/Puget Sound/	Keil,R /UW/	Seattle	3/NSF/F
07 MAY		OCE-0095287	Seattle	
14 MAY	NP9/Puget Sound/	Emerson,S /UW/	Seattle	2/NSF/F
15 MAY	Gas Exchange	OCE-0242139	Seattle	
	First 2 of 5 days funded for 2003. Recover buoy and mooring.			

17 MAY	NP9/Puget Sound/	McDuff,R /UW/	Seattle	1/STATE/F
17 MAY	Student Instruction	75-0364	Seattle	
	Ocean 101/R. Carpenter			

19 MAY	NP9/Puget Sound/	McDuff,R /UW/	Seattle	2/STATE/F
20 MAY	Student Instruction	75-0364	Seattle	
	Ocean 101/R. Carpenter			

22 MAY	NP9/Puget Sound/	McDuff,R /UW/	Seattle	1/STATE/F
22 MAY	Student Instruction	75-0364	Seattle	
	Ocean 101/R. Carpenter			

29 MAY	NP9/Puget Sound/	McDuff,R /UW/	Seattle	2/STATE/F
30 MAY	Student Instruction	75-0364	Seattle	
	Ocean 101/U. T. Emerick			

12 JUN	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	1/NSF/F
12 JUN	Bay/Diatom Blooms	OCE-0118044	Seattle	
24 JUN	NP9/Puget Sound/	Miller,C /OSU/	Seattle	4/NSF/F
27 JUN	Copepod & Water Column	OCE-0221202	Seattle	
	Third of four 4-day cruises, from March into June.			

10 JUL	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
11 JUL	Bay/Diatom Blooms	OCE-0118044	Seattle	
	Bollens			

16 JUL	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	2/NSF/F
17 JUL	Bay/Diatom Blooms	OCE-0118044	Seattle	
	Bollens			

21 JUL	NP9/Puget Sound/	Lidstrom,M /UW/	Seattle	1/NSF/F
21 JUL	Microbial Observatory	MCB-0131957	Seattle	
	Second of two funded days.			

22 JUL	NP9/Puget Sound/	McDuff,R /UW/	Seattle	3/STATE/F
24 JUL	Student Instruction	75-0364	Seattle	
	Ocean 101/ R. Strickland			

28 JUL	NP9/Puget Sound/	Miller,C /OSU/	Seattle	4/NSF/F
31 JUL	Copepod & Water Column	OCE-0221202	Seattle	
	Fourth of four 4-day cruises.			

03 AUG	NP9/Saanich Inlet, BC/	Eglinton,T/WHOI/	Seattle	6/NSF/F
08 AUG	Organic Carbon/Sedimen	OCE-0137005	Seattle	Canada
	PI needs four science days, preferable at the beginning of August or in late September--requiring weather that is calm. Two days are added for transit.			

12 AUG	NP9/Puget Sound/	Devol,A /UW/	Seattle	4/NSF/F
15 AUG	Long term monitoring	OCE-0118036	Seattle	
	Four of five funded days in 2003.			

22 AUG	NP9/Puget Sound/Dabob	Frost,B /UW/	Seattle	1/NSF/F
22 AUG	Bay/Diatom Blooms	OCE-0118044	Seattle	
03 SEP	NP9/Puget Sound/	Keil,R /UW/	Seattle	10/NSF/F
12 SEP	CAREER	OCE-9984163	Seattle	Canada
15 SEP	NP9/Puget Sound/	Carpenter,R/UW/	Seattle	2/STATE/F
16 SEP	Student Instruction	09-9713	Seattle	
	Separately funded by UW Undergraduate Education Office.			

22 SEP NP9/Puget Sound/ [Newton, J](#)/WA DOE/ Seattle 3/STATE/F
 24 SEP Monitoring Purch Order PF2557 Seattle
 Washington State Dept. of Ecology Purchase Order

25 SEP NP9/Puget Sound/Dabob [Frost, B](#)/UW/ Seattle 2/NSF/F
 26 SEP Bay/Diatom Blooms OCE-0118044 Seattle

01 OCT NP9/Puget Sound/ [Alford, M](#)/UW/APL/ Seattle 1/NSF/F
 01 OCT Evolution of Intrusion OCE-0095382 Seattle
 Five 2002 days authorized by NSF for carry-over into 2003. Days reduced to 4
 as per instructions from NSF to accommodate increased 2003 day rate. This is
 the first of those four days.

14 OCT NP9/Puget Sound/ [Devol, A](#)/UW/ Seattle 1/NSF/F
 14 OCT Long term monitoring OCE-0118036 Seattle
 Fifth of five funded days in 2003.

15 OCT NP9/Puget Sound/ [Alford, M](#)/UW/APL/ Seattle 1/NSF/F
 15 OCT Evolution of Intrusion OCE-0095382 Seattle
 Five 2002 days authorized by NSF for carry-over into 2003. Days reduced to 4
 as per instructions from NSF to accommodate increased 2003 day rate. This is
 the 2nd of the four days.

16 OCT NP9/Puget Sound/Dabob [Frost, B](#)/UW/ Seattle 1/NSF/F
 16 OCT Bay/Diatom Blooms OCE-0118044 Seattle

28 OCT NP9/Puget Sound/ [McDuff, R](#)/UW/ Seattle 1/STATE/F
 28 OCT Student Instruction 75-0364 Seattle
 Ocean 101/ J. Deming

05 NOV NP9/Puget Sound/ [Emerson, S](#)/UW/ Seattle 1/NSF/F
 05 NOV Gas Exchange OCE-0242139 Seattle
 Third of 5 days funded for 2003: two more days remain.

11 NOV NP9/Puget Sound/ [McDuff, R](#)/UW/ Seattle 5/STATE/F
 15 NOV Student Instruction 75-0364 Seattle
 Ocean 101/ T. Emerick

18 NOV NP9/Puget Sound/ [Alford, M](#)/UW/APL/ Seattle 1/NSF/F
 18 NOV Evolution of Intrusion OCE-0095382 Seattle
 Five 2002 days authorized by NSF for carry-over into 2003. Days reduced to 4
 as per instructions from NSF to accommodate increased 2003 day rate. This is
 the 3rd of four days for this project.

25 NOV NP9/Puget Sound/ [Miller, C](#)/OSU/ Seattle 1/NSF/F
 25 NOV Copepod & Water Column OCE-0221202 Seattle
 One more day left after this one. On-board Chf. Sci. is R. Carpenter.

02 DEC NP9/Puget Sound/ [Miller, C](#)/OSU/ Seattle 1/NSF/F
 02 DEC Copepod & Water Column OCE-0221202 Seattle
 Final day. On-board Chf. Sci. is R. Carpenter.

 16 DEC NP9/Puget Sound/ [Alford,M](#)/UW/APL/ Seattle 1/NSF/F
 16 DEC Evolution of Intrusion OCE-0095382 Seattle

Five 2002 days authorized by NSF for carry-over into 2003. Days reduced to 4 as per instructions from NSF to accommodate increased 2003 day rate. This is the final day for this project.

17 DEC NP9/Puget Sound/ [Emerson,S](#)/UW/ Seattle 1/NSF/F
 17 DEC Gas Exchage OCE-0242139 Seattle

30 DEC NP9/Puget Sound/ [Emerson,S](#)/UW/ Seattle 1/NSF/F
 30 DEC Gas Exchage OCE-0242139 Seattle

?? ??? NP9/Puget Sound/ Frost,B/UW/ Seattle 4(Non-Op)/
 ?? ??? tbd Seattle NOAA/F

Four NOAA/Sea Grant days authorized for 2002 will be carried-over into 2004. Therefore, these days will be shown as "non-operating" in the 2003 schedule.

?? ??? NP9/Puget Sound/Dabob [Frost,B](#)/UW/ Seattle 21(Non-Op)/
 ?? ??? Bay/Diatom Blooms OCE-0118044 Seattle NSF/F

Forty-eight Days were provided for 2003 operations on this grant. Eleven 2002 days were authorized by NSF for carry-over into 2003--reduced to 8 as per instructions from NSF to accommodate 2003 day rate. Total days allocated to this grant in 2003 were 56. Of the 56 days, a total of 21 remaining funded days have been authorized for carryover into 2004. Thus, they are shown as "non-operating" on the 2003 schedule.

Agency	Funded	Proposed	TOTAL
NSF	86.0	0.0	86.0
STATE	35.0	0.0	35.0
TOTAL	121.0	0.0	121.0