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R/V CLIFFORD A. BARNES
 1999 FINAL SHIP OPERATING SCHEDULE
 Revised: 01/07/00

Cruise Dates	Map Index/Area/ Purpose	P.I./Institution Proposal #	Ports	Days/Agncy Stat/Clear
08 Mar 08 Mar	NP9/Puget Sound student instr	Holmes, M/UW UW	Seattle Seattle	1/UW/F
01 Apr 01 Apr	NP9/Puget Sound chem oceanog	Emerson, S/UW NSF OCE-9617587	Seattle Seattle	1/NSF/F
07 Apr 08 Apr	NP9/Puget Sound student instr	Sternberg, R/UW UW	Seattle Seattle	2/UW/F
14 Apr 14 Apr	NP9/Puget Sound Sea Trial	Schwartz, D/UW UW	Seattle Seattle	1/MarOps/ na
20 Apr 23 Apr	NP9/Puget Sound survey	Newton, J/WA DoE WA State DoE	Seattle Seattle	4/WADoE/F
27 Apr 27 Apr	NP9/Puget Sound fisheries instr	Miller, B/UW UW Fish	Seattle Seattle	1/UW/F
10 May 10 May	NP9/Puget Sound instr deploy, coring	Devol, A/UW NSF	Seattle Seattle	1/NSF/F
21 May 21 May	NP9/Puget Sound Equip trials	Johnson, P/UW ONR 6.1	Seattle Seattle	1/ONR/F
25 May 25 May	NP9/Puget Sound fisheries instr	Miller, B/UW UW Fish	Seattle Seattle	1/UW/F

27 May	NP9/Puget Sound	Miller, B/UW	Seattle	1/UW/F
27 May	fisheries instr	UW Fish	Seattle	
01 Jun	NP9/Puget Sound	Johnson, P/UW	Seattle	1/ONR/F
01 Jun	Equip trials	ONR 6.1	Seattle	
04 Jun	NP9/Transit	Simenstad, C/UW	Seattle	3/NSF/F
06 Jun		OCE-94120281	Portland	
07 Jun	NP9/Display	Schwartz, D/UW	Portland	3/MarOps/
09 Jun	Undersea Explorations Expo.		Portland	na
13 Jun	NP9/Columbia R	Simenstad, C/UW	Portland	37/NSF/F
19 Jul	LMER	OCE-94120281	Seattle	
22 Jul	NP9/Puget Sound	Rhines, P/UW	Seattle	5/UW/F
26 Jul	Geophys Fluid Dynamic	UW	Vancouver	
27 Jul	NP9/Vancouver Is.	Devol, A/UW	Vancouver	1/NSF/F
27 Jul	Coring	OCE-9617701	Seattle	
16 Aug	NP9/Puget Sound	Shipyard	Seattle	5/MarOps/
22 Aug	Install specialized transducers		Seattle	na
24 Aug	NP9/Washington Coast	Flood, R/SUNY	Seattle	18/USGS/F
12 Sep	Morphology Survey	USGS99WR-R00637	Seattle	
15 Sep	NP9/Puget Sound	Schwartz, D/UW	Seattle	1/MarOps/
15 Sep	MTS Oceans 99	Open House	Seattle	na
16 Sep	NP9/Puget Sound	Jumars, P/UW	Seattle	1/NSF/F
16 Sep	Coring/biology	OCE-9617701	Seattle	
21 Sep	NP9/Puget Sound	Newton, J/WA DoE	Seattle	5/WADoE/F
25 Sep	survey	WA State DoE	Seattle	
30 Sep	NP9/Puget Sound	Murray, J/UW	Seattle	2/NSF/F
01 Oct	survey	OCE-9617487	Seattle	
04 Oct	NP9/Puget Sound	Devol, A/UW	Seattle	5/NSF/F
08 Oct	biolog. Oceanog.	OCE-9617701	Seattle	
21 Oct	NP9/Puget Sound	Murray, J	Seattle	2/NSF/F
22 Oct	survey	OCE-9617487	Seattle	
04 Nov	NP9/Puget Sound	Emerson, S/UW	Seattle	1/NSF/F
04 Nov	chem oceanog.	OCE-9617487	Seattle	

08 Nov	NP9/Puget Sound	Jumars, P/UW	Seattle	5/NSF/F
12 Nov	Coring/biology	OCE-9617701	Seattle	
18 Nov	NP9/Puget Sound	Murray, J/UW	Seattle	2/NSF/F
19 Nov	survey	OCE-9617487	Seattle	
23 Nov	NP9/Puget Sound	Jumars, P/UW	Seattle	2/NSF/F
24 Nov	Coring/biology	OCE-9617701	Seattle	
01 Dec	NP9/Puget Sound	Jumars, P/UW	Seattle	3/NSF/F
03 Dec	Coring/biology	OCE-9617701	Seattle	
06 Dec	NP9/Puget Sound	Emerson, S/UW	Seattle	2/NSF/F
07 Dec	chem oceanog.	OCE-9617487	Seattle	
08 Dec	NP9/Puget Sound	Murray, J/UW	Seattle	2/NSF/F
09 Dec	survey	OCE-9617487	Seattle	
13 Dec	NP9/Puget Sound	Murray, J/UW	Seattle	5/NSF/F
17 Dec	survey	OCE-9617487	Seattle	
20 Dec	NP9/Puget Sound	Emerson, S/UW	Seattle	2/NSF/F
21 Dec	survey	OCE-9617487	Seattle	

The following programs have a total of three unused 1999 days which will be run in early 2000 (carryover):

NP9/Puget Sound	Emerson, S/UW	Seattle	2/NSF/F
chem ocean	NSF OCE-9617487	Seattle	
NP9/Puget Sound	Murray, J/UW	Seattle	1/NSF/F
chem ocean	NSF OCE-963357	Seattle	

	Funded	Pending	Total
NSF	80	0	80
NOAA	0	0	0
UW	11	0	11
UW Fisheries	3	0	3
WA-DOE	9	0	9
ONR	2	0	2
USGS	18	0	18
	123	0	123