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R/V LAURENTIAN
 1998 FINAL SCHEDULE 1998
 Revised: 23 February 1999

Cruise Days	Map Purpose	Index/Area/ Agncy	P.I./Institution Proposal #	Ports
07 MAR	GL4/MICHIGAN/ 19 MAR	CoOP-EEGLE-SURVEY	MULTIPLE 97-27341, 27342 97-27408, 26681	GRAND HAVEN 7/NSF/F GRAND HAVEN
21 MAR	GL4/MICHIGAN/ 31 MAR	CoOP-EEGLE-PROCESS	MULTIPLE 97-27341, 27342 97-27408, 26681	GRAND HAVEN 7.5/NSF/F GRAND HAVEN
03 APR	GL4/MICHIGAN/ 14 APR	CoOP-EEGLE-LAGRAN	MULTIPLE 97-27341, 27342 97-27408, 26681	GRAND HAVEN 8.5/NSF/F GRAND HAVEN
23 APR	GL4/MICHIGAN/ 28 APR	CoOP-EEGLE-SED	KLUMP, MULTIPLE 97-26682, 26679, 27151	GRAND HAVEN 5.5/NSF/F GRAND HAVEN
05 MAY	GL4/SUPERIOR/ 09 MAY	CoOP-KITES	GREEN, MULTIPLE 97-12872, 12846, 12871, 12869, 12870	GRAND HAVEN 4.5/NSF/F HOUGHTON
10 MAY	GL4/SUPERIOR/ 12 MAY	CoOP-KITES	GREEN, MULTIPLE 97-12872, 12846, 12871, 12869, 12870	HOUGHTON 03/NSF/F HOUGHTON
13 MAY	GL4/SUPERIOR/ 15 MAY	CoOP-KITES	GREEN, MULTIPLE 97-12872, 12846, 12871, 12869, 12870	HOUGHTON 03/NSF/F HOUGHTON
16 MAY	GL4/SUPERIOR/ 21 MAY	CoOP-KITES	GREEN, MULTIPLE 97-12872, 12846, 12871, 12869, 12870	HOUGHTON 06/NSF/F HOUGHTON
22 MAY	GL4/SUPERIOR/		GREEN, MULTIPLE	HOUGHTON 03/NSF/F

24 MAY	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
25 MAY	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	06/NSF/F
30 MAY	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
31 MAY	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	04/NSF/F
04 JUN	CoOP-KITES	97-12872,12846, 12871,12869,12870	GRAND HAVEN	
22 JUN	GL4/MICHIGAN 1.5/STATE/F	GOAD.UMICH	GRAND HAVEN	
24 JUN	ENVIROTHON	STATE	GRAND HAVEN	
25 JUN	GL4/MICHIGAN/	MULTIPLE	GRAND HAVEN	02/NSF/F
26 JUN	CoOP-EEGLE-SURV	97-27341,27342 97-27408,26681	GRAND HAVEN	
29 JUN	GL4/MICHIGAN/	CUHEL/UWM/	GRAND HAVEN	07/NSF/F
05 JUL	REU	OCE-9732316	GRAND HAVEN	
10 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	GRAND HAVEN	04/NSF/F
13 JUL	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
14 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	04/NSF/F
17 JUL	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
18 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	03/NSF/F
20 JUL	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
21 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	04/NSF/F
24 JUL	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
25 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	04/NSF/F
28 JUL	CoOP-KITES	97-12872,12846, 12871,12869,12870	HOUGHTON	
29 JUL	GL4/SUPERIOR/	GREEN, MULTIPLE	HOUGHTON	04/NSF/F
01 AUG	CoOP-KITES	97-12872,12846, 12871,12869,12870	GRAND HAVEN	
18 AUG	GL4/MICHIGAN/	MULTIPLE	GRAND HAVEN	02/NSF/F
19 AUG	CoOP-EEGLE-ANIMALS	97-27341,27342 97-27408,26681	GRAND HAVEN	
21 AUG	GL4/MICHIGAN/	KLUMP, MULTIPLE	GRAND HAVEN	4.5/NSF/F
25 AUG	CoOP-EEGLE-SEDIMENT	97-26682,26679, 27151	GRAND HAVEN	
28 AUG	GL4/MICHIGAN/	COTNER, MULTIPLE	GRAND HAVEN	4.5/NSF/F
02 SEP	CoOP-EEGLE-CHEMISTRY	97-27341,27342 97-27408,26681	GRAND HAVEN	

22 SEP	GL4/MICHIGAN/	BUNDY, COTNER	GRAND HAVEN	03/NSF/F
24 SEP	CoOP-EEGLE-CHEMISTRY	97-27341,27342	GRAND HAVEN	
25 SEP	GL4/MICHIGAN/	KLUMP, MULTIPLE	GRAND HAVEN	04/NSF/F
28 SEP	CoOP-EEGLE-SEDIMENT	97-26682,26679, 27151	ST. JOSEPH	
29 SEP	GL4/MICHIGAN/	KLUMP, MULTIPLE	ST. JOSEPH	01/NSF/F
29 SEP	CoOP-EEGLE-SEDIMENT	97-26682,26679, 27151	GRAND HAVEN	
01 OCT	GL4/MICHIGAN/	MEADOWS/UM	GRAND HAVEN	01/ST/F
01 OCT	ROV	STATE	GRAND HAVEN	
02 OCT	GL4/MICHIGAN/	GOAD/UM/	GRAND HAVEN	3.5/NSF/F
05 OCT	CoOP-EEGLE-PHYTO	OCE 97-27408	ST. JOSEPH	
06 OCT	GL4/MICHIGAN	GOAD/UM	ST. JOSEPH	
02/UPTON/F				
08 OCT	BENTON HARBOR SCHOOLS	UPTON FOUND	ST. JOSEPH	
09 OCT	GL4/MICHIGAN/	MULTIPLE	ST. JOSEPH	01/NSF/F
09 OCT	CoOP-EEGLE-ANIMALS	97-27341,27342 97-27408,26681	GRAND HAVEN	
19 OCT	GL4/MICHIGAN/	KLUMP, MULTIPLE	GRAND HAVEN	02/NSF/F
20 OCT	CoOP-EEGLE-SEDIMENT	97-26682,26679,	GRAND HAVEN	
21 OCT	GL4/MICHIGAN/	KLUMP, MULTIPLE	GRAND HAVEN	05/NSF/F
25 OCT	CoOP-EEGLE-SEDIMENT	97-26682,26679,	ST. JOSEPH	
26 OCT	GL4/MICHIGAN/	BUNDY, COTNER	ST. JOSEPH	04/NSF/F
29 OCT	CoOP-EEGLE-CHEMISTRY	97-27341,27342 27151	MUSKEGON	
16 NOV	GL4/MICHIGAN/	KLUMP, MULTIPLE	GRAND HAVEN	05/NSF/F
20 NOV	CoOP-EEGLE-SEDIMENT	97-26682,26679, 7151	ST. JOSEPH	
21 NOV	OCT GL4/MICHIGAN/	BUNDY, COTNER	ST. JOSEPH	01/NSF/F
21 NOV	CoOP-EEGLE-CHEMISTRY	97-27341,27342 27151	GRAND HAVEN	

NSF FUNDED DAYS= 130.5

OTHER

STATE FUNDED = 2.5
FOUNDATIONS = 2.0

TOTAL FUNDED = 135.0