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FINAL SHIP OPERATING SCHEDULE FOR 2007
R/V BLUE HERON

Cruise Dates	Map Index/ Area/ Purpose	P.I./Institution/ Proposal	Ports	Days/Agency/ Status/Clearance
01 May	GL4/ W. Sup./	Sharp & Gallup/ UMD/	Duluth	0.5*/ State/ F
01 May	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
15 May	GL4/ Superior /	Hrabik, Tom/ UMD/	Duluth	1.5/ NOAA / F
17 May	Triaxus etc. survey	SeaGrant	Duluth	none
		Hrabik, Tom/ UMD/ Leg.	Duluth	1.5/ State / F
		Cit. Comm. of MN Res.	Duluth	none
19 May	GL4/ W. Sup./	Little, Amanda/ UMD/	Duluth	0.5*/ State/ F
19 May	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
23 May	GL4/ Superior/	Werne, Joe/ UMD/ OCE-	Duluth	5/ NSF/ F
27 May	Deploy Mooring	0452927	Duluth	none
30 May	GL4/ W. Sup./ Bio.	McNeill, Kris / UMTC/	Duluth	4/ NSF/ F
02 June	water sampling	OCE-0527196	Duluth	none
05 June	GL4/ W. Sup./	Austin, Jay/ UMD/ Leg.	Duluth	3/ State/ F
07 June	Deploy Buoy	Cit. Comm. of MN Res.	Duluth	none
12 June	GL4/ Superior/	Colman, Steve / UMD/	Duluth	9/ NSF/ F
20 June	Geophysical survey	OCE- 0623607	Duluth	Canadian
06 July	GL4/ W. Sup./	Kressler, Sharon / UMTC/	Duluth	0.5*/ State/ F
06 July	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
12 July	GL4/ Superior/	Werne, Joe/ UMD/ OCE-	Duluth	4/ NSF/ F
15 July	Chem. water samp.	0452927	Duluth	none
17 July	GL4/ W. Sup./	Ricketts, Richard/ UMD/	Duluth	4 / DOT/ F

20 July	Geophysical survey	Great Lakes Mar. Res. Inst.	Duluth	none
24 July	GL4/ Superior /	Hrabik, Tom/ UMD/	Duluth	1.5/ NOAA / F
26 July	Triaxus etc. survey	SeaGrant	Duluth	none
		Hrabik, Tom/ UMD/ Leg.	Duluth	1.5/ State / F
		Cit. Comm. of MN Res.	Duluth	none
30 July	GL4/ Superior/ Bio.	Sterner, Robert/ UMTC/	Duluth	1.5/ NOAA/ F
01 Aug.	water sampling	SeaGrant	Duluth	none
		Sterner, Robert/ UMTC/		1.5/ State/ F
		University funds		none
04 Aug.	GL4/ Superior/	Hrabik, Thomas/ UMD/	Duluth	3/ State/ F
10 Aug.	Trawl	MN. Dept. of Nat. Res.	Duluth	none
	GL4/ Superior/	Hrabik, Thomas/ UMD/		1/ State/ F
	Trawl	WI. Dept. of Nat. Res.		none
	GL4/ Superior/	Hrabik, Thomas/ UMD/		3/ State/ F
	Trawl	Leg. Cit. Comm. of MN		none
		Res.		
21 Aug.	GL4/ Superior/	Werne, Joe/ UMD/ OCE-	Duluth	5/ NSF/ F
26 Aug.	Chem. water samp.	0452927	Duluth	none
	GL4/ Superior/	Minor, Elizabeth/ UMD/		1/ State/F
	Chem. water samp.	Leg. Cit. Comm. of MN		none
		Res.		
05 Sept.	GL4/ W. Sup./ Bio.	McNeill, Kris / UMTC/	Duluth	0.5*/ State/ F
05 Sept.	water sampling	University funds	Duluth	none
07 Sept.	GL4/ W. Sup./	Ricketts, Richard/ UMD/	Duluth	1 / DOT/ F
07 Sept.	Geophysical survey	Great Lakes Mar. Res. Inst.	Duluth	none
10 Sept.	GL4/ W. Sup./	Ricketts, Richard/ UMD/	Duluth	1 / DOT/ F
10 Sept.	Geophysical survey	Great Lakes Mar. Res. Inst.	Duluth	none
11 Sept.	GL4/ W. Sup./	Sharp, Angela/ UMD/ Leg.	Duluth	0.5*/ State/ F
11 Sept.	Educational	Cit. Comm. of MN Res.	Duluth	none
17 Sept.	GL4/ W. Sup./	Austin, Jay/ UMD/ Leg.	Duluth	3/ State/ F
19 Sept.	Recover Buoy	Cit. Comm. of MN Res.	Duluth	none
25 Sept.	GL4/ Superior/	Werne, Joe/ UMD/ OCE-	Duluth	5/ NSF/ F
29 Sept.	Chem. water samp.	0452927	Duluth	none
05 Oct.	GL4/ Superior/ Bio.	Sterner, Robert/ UMTC/	Duluth	1.5/ NOAA/ F
07 Oct.	water sampling	SeaGrant	Duluth	none
		Sterner, Robert/ UMTC/		1.5/ State/ F

		Leg. Cit. Comm. of MN Res.		none
08 Oct.	GL4/ W. Sup./	Danz, Nick/ UMD/ Leg.	Duluth	0.5*/ State/ F
08 Oct.	Educational	Cit. Comm. of MN Res.	Duluth	none
09 Oct..	GL4/ W. Sup./	Morton & Danz/ UMD/	Duluth	0.5*/ State/ F
09 Oct.	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
10 Oct.	GL4/ W. Sup./	Danz & Branstrator/ UMD/	Duluth	0.5*/ State/ F
10 Oct.	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
12 Oct.	GL4/ W. Sup./	Wattrus Nigel/ UMD/ Leg.	Duluth	0.5*/ State/ F
12 Oct.	Educational	Cit. Comm. of MN Res.	Duluth	none
21 Oct.	GL4/ Superior /	Hrabik, Tom/ UMD/	Duluth	1.5/ NOAA / F
23 Oct.	Triaxus etc. survey	SeaGrant	Duluth	none
		Hrabik, Tom/ UMD/ Leg.	Duluth	1.5/ State / F
		Cit. Comm. of MN Res.	Duluth	none
07 Nov.	GL4/ Superior/ Bio.	Sterner, Robert/ UMTC/	Duluth	1.5/ NOAA/ F
09 Nov.	water sampling	SeaGrant	Duluth	none
		Sterner, Robert/ UMTC/		1.5/ State/ F
		University funds		none

* half day (<10hrs) rate available to all users

SUMMARY

Agency	Funded	Proposed	Total
NSF	32		32
NOAA	9		9
Dept. of Trans.	6		6
Leg. Cit. Comm. of MN Res.	20		20
University funds	3.5		3.5
MN Dept. of Nat. Res.	3		3
WI Dept. of Nat. Res.	1		1
Total	74.5		74.5