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FINAL SHIP OPERATING SCHEDULE FOR 2008
R/V BLUE HERON

Cruise Dates	Map Index/ Area/ Purpose	P.I./Institution/ Proposal	Ports	Days/Agency/ Status/Clearance
29 Apr 01 May	GL4/ W. Sup./ Bio. water sampling	Sterner, Robert/ UMTC/ SeaGrant Sterner, Robert/ UMTC/ Leg. Cit. Comm. of MN Res.	Duluth Duluth Duluth Duluth	2/ NOAA/ F none 1/State/F none
06 May 06 May	GL4/ W. Sup./ Educational	Sharp, Angela/ UMD/ Leg. Cit. Comm. of MN Res.	Duluth Duluth	0.5*/ State/ F none
13 May 15 May	GL4/ W. Sup./ Bio. water sampling	McNeill, Kris / UMTC/ OCE-0527196 McNeill, Kris / UMTC/ University Funds	Duluth Duluth Duluth Duluth	2/ NSF/ F none 1/ State/ F none
20 May 23 May	GL4/ Superior/ Deploy Mooring	Werne, Josef/ UMD/ Leg. Cit. Comm. of MN Res.	Duluth Duluth	4/ State/ F none
28 May 30 May	GL4/ Superior / Triaxus etc. survey	Hrabik, Tom/ UMD/ SeaGrant Hrabik, Tom/ UMD/ Leg. Cit. Comm. of MN Res.	Duluth Duluth Duluth Duluth	2/ NOAA / F none 1/ State / F none
13 June 16 June	GL4/ W. Sup./ Deploy Moorings	Austin, Jay/ UMD/ Leg. Cit. Comm. of MN Res.	Duluth Duluth	4/ State/ F none
21 June 29 June	GL4/ Superior/ Geophysical survey	Colman, Steve / UMD/ OCE- 0623607	Duluth Duluth	9/ NSF/ F Canadian
07 July 11 July	GL4/ W. Sup./ Geophysical survey	Ricketts, Richard / UMD/ EMR/Chippewa funds	Duluth Duluth	5/ Private/ F none
13 July 16 July	GL4/ W. Sup./ Geophysical survey	Ricketts, Richard / UMD/ EMR/Chippewa funds	Duluth Duluth	4/ Private/ F none

18 July	GL4/ W. Sup./	Kressler, Sharon / UMTC/	Duluth	0.5*/ State/ F
18 July	Educational	University funds	Duluth	none
23 July	GL4/ Superior /	Hrabik, Tom/ UMD/	Duluth	2/ NOAA / F
25 July	Triaxus etc. survey	SeaGrant	Duluth	none
		Hrabik, Tom/ UMD/ Leg. Cit.	Duluth	1/ State / F
		Comm. of MN Res.	Duluth	none
30 July	GL4/ W. Sup./ Bio.	Sterner, Robert/ UMTC/	Duluth	2/ NOAA/ F
01 Aug	water sampling	SeaGrant	Duluth	none
		Sterner, Robert/ UMTC/ Leg.	Duluth	1/State/F
		Cit. Comm. of MN Res.	Duluth	none
06 Aug	GL4/ Superior/	Hrabik, Thomas/ UMD/ MN.	Duluth	3/ State/ F
12 Aug	Trawl	Dept. of Nat. Res.	Duluth	none
	GL4/ Superior/	Hrabik, Thomas/ UMD/ WI.		1/ State/ F
	Trawl	Dept. of Nat. Res.		none
	GL4/ Superior/	Hrabik, Thomas/ UMD/ Leg.		3/ State/ F
	Trawl	Cit. Comm. of MN Res.		none
15 Aug	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	4/ Private/ F
18 Aug	Geophysical survey	EMR/Chippewa funds	Duluth	none
20 Aug	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	3/ Private/ F
22 Aug	Geophysical survey	EMR/Chippewa funds	Duluth	none
24 Aug	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	1/ Private/ F
24 Aug	Geophysical survey	EMR/Chippewa funds	Duluth	none
26 Aug	GL4/ W. Sup./ Bio.	Cotner, James / UMTC/ Leg.	Duluth	0.5/ State/ F
26 Aug	water sampling	Cit. Comm. of MN Res.	Duluth	none
		Cotner, James / UMTC/	Duluth	0.5/ State/ F
		University funds	Duluth	none
28 Aug	GL4/ Superior/	Brown, Erik / UMD/ Leg.	Duluth	2/ State/ F
29 Aug	CTD/Rosette	Cit. Comm. of MN Res.	Duluth	none
03 Sept	GL4/ W. Sup./	Austin, Jay/ UMD/ Leg. Cit.	Duluth	4/ State/ F
06 Sept	Deploy Moorings	Comm. of MN Res.	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
13 Sept	GL4/ W. Sup./	Werne, Josef/ UMD/ Leg.	Duluth	0.5*/ State/ F
13 Sept	Educational	Cit. Comm. of MN Res.	Duluth	none

16 Sept	GL4/ W. Sup./ Bio.	Sterner, Robert/ UMTC/	Duluth	1.5/ NOAA/ F
18 Sept	water sampling	SeaGrant	Duluth	none
		Sterner, Robert/ UMTC/ Leg.	Duluth	0.5/State/F
		Cit. Comm. of MN Res.	Duluth	none
		Sterner, Robert/ UMTC/	Duluth	1/State/F
		University Funds	Duluth	none
20 Sept	GL4/ W. Sup./	Johnson, Thomas/ UMD/	Duluth	0.5*/ State/ F
20 Sept	Educational	Leg. Cit. Comm. of MN Res.	Duluth	none
21 Sept	GL4/ W. Sup./	Cotner, James / UMTC/	Duluth	0.5*/ State/ F
21 Sept	Educational	University Funds	Duluth	none
23 Sept	GL4/ Superior/	Werne, Josef/ UMD/ Leg.	Duluth	4/ State/ F
26 Sept	Deploy Mooring	Cit. Comm. of MN Res.	Duluth	none
01 Oct	GL4/ W. Sup./	Gallup, Christina/ UMD/ Leg.	Duluth	0.5*/ State/ F
01 Oct	Educational	Cit. Comm. of MN Res.	Duluth	none
08 Oct	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	1.5*/ Private/ F
10 Oct	Geophysical survey	EMR/Chippewa funds	Duluth	none
12 Oct	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	1.5*/ Private/ F
14 Oct	Geophysical survey	EMR/Chippewa funds	Duluth	none
23 Oct	GL4/ Superior /	Hrabik, Tom/ UMD/	Duluth	1.5/ NOAA / F
25 Oct	Triaxus etc. survey	SeaGrant	Duluth	none
		Hrabik, Tom/ UMD/ Leg. Cit.	Duluth	1.5/ State / F
		Comm. of MN Res.	Duluth	none
28 Oct	GL4/ W. Sup./	Austin, Jay/ UMD/ Leg. Cit.	Duluth	0.5*/ State/ F
28 Oct	Recover Buoy	Comm. of MN Res.	Duluth	none
30 Oct	GL4/ W. Sup./	Ricketts, Richard / UMD/	Duluth	0.5*/ Private/ F
30 Oct	Geophysical survey	EMR/Chippewa funds	Duluth	none

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

SUMMARY

Agency	Funded	Proposed	Total
NSF	11		11
NOAA	11		11
Leg. Cit. Comm. of MN Res.	30.5		30.5
University funds	3.5		3.5
MN Dept. of Nat. Res.	3		3
WI Dept. of Nat. Res.	1		1
EMR/Chippewa	20.5		20.5
Total	80.5		80.5