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FINAL SHIP OPERATING SCHEDULE FOR 2006
R/V BLUE HERON

Cruise Dates	Map Index/ Area/ Purpose	P.I./Institution/ Proposal	Ports	Days/Agency/ Status/Clearance
31 Jan	GL4/Superior	Sterner/UMN-TC	Duluth	0.5*/NSF/None
31 Jan	Bio. Limn.	OCE-0352291	Duluth	
22 Mar	GL4/Superior	Sterner/UMN-TC	Duluth	0.5*/NSF/None
22 Mar	Bio. Limn.	OCE-0352291	Duluth	
05 Apr	Transit to Shipyard	Ricketts/UMN-D	Duluth	5/State/None
09 Apr		University funds	Cleveland	
22 Apr	Transit from Shipyard	Ricketts/UMN-D	Cleveland	5/State/None
26 Apr		University funds	Duluth	
04 May	GL4/Superior	Cates/UMN-D	Duluth	0.5*/State/None
04 May	Educational	University funds	Duluth	
16 May	GL4/Superior	Werne/ UMN-D	Duluth	4/NSF/None
19 May	Bio. & Chem. Limn.	OCE-0452927	Duluth	
23 May	GL4/Superior	Sterner/UMN-TC	Duluth	1/NSF/None
23 May	Bio. Limn.	OCE-0352291	Duluth	
26 May	GL4/Superior	Brown/UMN-D	Duluth	1/NOAA/None
26 May	Chem. Limn.	NA03OAR4170048	Duluth	
30 May	GL4/Superior	Cotner/UMN-TC	Duluth	0.5*/NOAA/None
31 May	Bio. Limn.	NA03OAR4170048	Duluth	
	GL4/Superior	Cotner/UMN-TC		1.5/State/None
	Bio. Limn.	University funds		
04 June	GL4/Superior	Colman/UMN-D	Duluth	1/NSF/None
06 June	Geophysics	OCE-0421091	Duluth	
	GL4/Superior	Colman/UMN-D		2/State/None
	Geophysics	University funds		

08 June	GL4/Superior	Colman/UMN-D	Duluth	9/NSF/None
16 June	Geophysics	OCE-0421091	Duluth	
20 June	GL4/Superior	Sterner/UMN-TC	Duluth	1/NSF/None
20 June	Bio. Limn.	OCE-0352291	Duluth	
22 June	GL4/Superior	McNeill/UMN-TC	Duluth	2/NSF/None
23 June	Bio. Limn.	OCE-0527196	Duluth	
30 June	GL4/Superior	Brown/UMN-D	Duluth	1/NOAA/None
30 June	Chem. Limn.	NA03OAR4170048	Duluth	
07 July	GL4/Superior	Hardwig/UMN-D	Duluth	0.5*/State/None
07 July	Educational	University funds	Duluth	
11 July	GL4/Superior	Sterner/UMN-TC	Duluth	5/NSF/None
15 July	Bio. Limn.	OCE-0352291	Duluth	
18 July	GL4/Superior	Werne/UMN-D	Duluth	3/NSF/None
20 July	Bio. & Chem. Limn.	OCE-0452927	Duluth	
26 July	GL4/Superior	Hrabik/UMN-D	Duluth	4/State/None
01 Aug	Bio. Limn.	University funds	Duluth	
	GL4/Superior	Hrabik/UMN-D		3/State/None
	Bio. Limn.	MN DNR		
04 Aug	GL4/Superior	Brown/UMN-D	Duluth	1/NOAA/None
04 Aug	Chem. Limn.	NA03OAR4170048	Duluth	
08 Aug	GL4/Superior	Sterner/UMN-TC	Duluth	5/NSF/None
12 Aug	Bio. Limn.	OCE-0352291	Duluth	
15 Aug	GL4/Superior	Cotner/UMN-TC	Duluth	0.5*/NOAA/None
15 Aug	Bio. Limn.	NA03OAR4170048	Duluth	
17 Aug	GL4/Superior	Wattrus/UMN-D	Duluth	2/State/None
18 Aug	Geophysics	University funds	Duluth	
23 Aug	GL4/Superior	Hrabik/UMN-D	Duluth	2/State/None
24 Aug	Bio. Limn.	University funds	Duluth	
27 Aug	GL4/Superior	Branstrator/UMN-D	Duluth	6/NOAA/None
01 Sept	Bio. Limn.	NA03OAR4170048	Duluth	
07 Sept	GL4/Superior	Brown/UMN-D	Duluth	1/NOAA/None
07 Sept	Chem. Limn.	NA03OAR4170048	Duluth	

12 Sept	GL4/Superior	Sterner/UMN-TC	Duluth	2/NSF/None
13 Sept	Bio. Limn.	OCE-0352291	Duluth	
14 Sept	GL4/Superior	Cates/UMN-D	Duluth	0.5*/State/None
14 Sept	Educational	University funds	Duluth	
16 Sept	GL4/Superior	Johnson/UMN-D	Duluth	0.5*/State/None
16 Sept	Educational	University funds	Duluth	
20 Sept	GL4/Superior	McNeill/UMN-TC	Duluth	2/NSF/None
21 Sept	Bio. Limn.	OCE-0527196	Duluth	
28 Sept	GL4/Superior	Werne/UMN-D	Duluth	4/NSF/None
01 Oct	Bio. & Chem. Limn.	OCE-0452927	Duluth	
02 Oct	GL4/Superior	Shannon/UMN-D	Duluth	0.5*/State/None
02 Oct	Educational	University funds	Duluth	
03 Oct	GL4/Superior	Branstrator/UMN-D	Duluth	0.5*/State/None
03 Oct	Educational	University funds	Duluth	
04 Oct	GL4/Superior	Shannon/UMN-D	Duluth	0.5*/State/None
04 Oct	Educational	University funds	Duluth	
05 Oct	GL4/Superior	Brown/UMN-D	Duluth	1/State/None
05 Oct	Chem. Limn.	University funds	Duluth	
07 Oct	GL4/Superior	Cotner/UMN-TC	Duluth	0.5*/State/None
07 Oct	Educational	University funds	Duluth	
10 Oct	GL4/Superior	Cotner/UMN-TC	Duluth	0.5*/NOAA/None
11 Oct	Bio. Limn.	NA03OAR4170048	Duluth	
	GL4/Superior	Cotner/UMN-TC		1.5/State/None
	Bio. Limn.	University funds		
17 Oct	GL4/Superior	Loveridge/CH2M Hill	Duluth	0.5*/Private/None
17 Oct	Bio. & Geol. Limn.	CH2M Hill	Duluth	
18 Oct	Transit to Shipyard	Ricketts/UMN-D	Duluth	5/State/None
22 Oct		University funds	Cleveland	
14 Dec	Transit from	Ricketts/UMN-D	Cleveland	8/State/None
21 Dec	Shipyard	University funds	Duluth	

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

SUMMARY

Agency	Funded	Proposed	Total
NSF	40		40
NOAA	11.5		11.5
State	21		21
Private	0.5		0.5
Transit for Shipyard	(23)		(23)
Total	73		73