

UNOLS Ship Time Request Form - Section ONE

UNOLS Request ID #: 20041116144901TS  
 Version #: 001  
 Last Modified: 2004/11/16 14:49 EST  
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P.I. Name Last: Reves-Sohn First: Robert MI: A

Institution: Woods Hole Oceanographic Inst. Research vessel required for:  
 Address: 360 Woods Hole Rd., MS 24 \_ Ancillary Only  
 Woods Hole, MA 02543 X Principal Use  
 \_ No Ship Required  
 \_ Long Range Planning Document

Phone: 508-289-3616 Fax: 508-457-2150 Email: rsohn@whoi.edu

Co P.I. Name	Institution	Co P.I. Name	Institution
Susan Humphris	WHOI	Hanumant Singh	WHOI

Proposal Title:

Collaborative Research: Hydrothermal Processes on the Gakkel Ridge

Large Program Name: None Research Purpose: Multi-discipline  
 If Other, specify: If Other, specify:

New Proposal? N Agency Submitted to: Foreign EEZ? N  
 Funded Grant? Y NSF/OPP  
 Institutional Proposal #: Amount Requested: Area(s) of Operation:  
 529,904 AR6

Agency Proposal #: OPP-0425838 Lat/Long:  
 Renewal? N Start Date: 01/01/05 Begin: 75N 140W  
 Grant #: End Date: 12/31/07 End: 75N 140W  
 82583800

Year	Ship(s) Requested (Name or Size)	# Science Days Req.	Optimum Dates	Alternate Dates
2006	Healy	10	7/1/06	8/1/06

Total Science & Ship Days Needed: 16 PORTS  
 Number in Science Party: Alaska Intermediate: Alaska End:

Equipment Required:  
 X Vans \_ P-Code GPS \_ MCS \_ Alvin \_ DSL 120  
 \_ Dynamic Positioning \_ Multibeam \_ SCS \_ ROV \_ 680 Cond.  
 X Helicopter Operation

Other Special Equipment; Comments:

Ten station days are needed to test critical acoustic and navigational systems for Arctic AUV operations. Testing must be done in at least 3000 m of ice-covered water, but otherwise exact site is unimportant. We can manipulate the ports of call to fit into the overall 2006 icebreaker schedule. Healy is not absolutely necessary, but it would be nice since we anticipate working off the Healy on the Gakkel ridge in 2007.

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