

UNOLS Ship Time Request Form - Section ONE

UNOLS Request ID #: 20030213190315UG
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P.I. Name Last: Lawver First: Lawrence MI: A.

Institution: University of Texas at Austin Research vessel required for:
 Address: 4412 Spicewood Springs Road #600 _ Ancillary Only
 Austin, TX 78759-8500 X Principal Use
 _ No Ship Required
 _ Long Range Planning Document

Phone: 512-471-0433 Fax: 512-471-8844 Email: lawver@ig.utexas.edu

Co P.I. Name Institution Co P.I. Name Institution

Harm van Avendonk

Proposal Title:

Integrated geophysical and geologic investigation of the crustal structure of western Canada Basin, Chukchi Borderland and Mendeleev Ridge, Arctic Ocean

Large Program Name: None Research Purpose: Marine Geophysics
 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:
 6227026 AR6
 Agency Proposal #: Lat/Long:
 OPP0327626 Begin: 74N 142W
 Renewal? N Start Date: End: 80N 180
 Grant #: End Date:

Year	Ship(s) Requested (Name or Size)	# Science Days Req.	Optimum Dates	Alternate Dates
2006	Healy	38	07/01/2006	08/10/2006

Total Science & Ship Days Needed: 40 PORTS
 Number in Science Party: 15 Start: Barrow Intermediate: Barrow End: Barrow

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

Other Special Equipment; Comments:

Air compressors, airguns, seismic set-up for Healy. Coring. We have built Sea Ice Seismometers.

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Other Scientists Involved in Multi-P.I. Program:

Name	Institution	Phone	E-mail
Harm van Avendonk			

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Are there special considerations of the science party or cruise scheduling?
Consider science time constraints; coordination of equipment shipping;
two-ship operations; weather windows; mooring turn-around; teaching schedules
and others that will affect scheduling decisions.

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SCUBA Diving? No Yes -- Designate Lead Institution:
Individual dives: _____ # Divers on board: _____
A list of all divers and their certification information must be submitted
to the ship's marine superintendent.

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Special Science Party Considerations
 Foreign Nationals Medical Conditions Disabled Persons Other
Please explain:

=====
Use of Hazardous Materials? No Yes
If Yes, List type, quantity, and disposal plans:

Radioactive? Type: _____ Quantity: _____
Disposal Plan: _____

Explosives? Type: _____ Quantity: _____
Disposal Plan: _____

Other? Type: _____ Quantity: _____
Disposal Plan: _____

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Have you read the RVOC Safety Training Manual-Chapter 1? No Yes

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Technician Required (CTD, SCS, MSC, etc):

Equipment to be used:

Winches:	Wire:	Conductor	Navigation:	Communication:
<input type="checkbox"/> Dredge/Trawl	<input type="checkbox"/> Mechanical	<input type="checkbox"/> 0.680"	<input checked="" type="checkbox"/> GPS	<input type="checkbox"/> Inmarsat
<input type="checkbox"/> Hydro	<input type="checkbox"/> 9/16"	<input type="checkbox"/> 0.322"	<input type="checkbox"/> DGPS	<input type="checkbox"/> ATS
<input type="checkbox"/> CTD	<input type="checkbox"/> 1/2"	<input type="checkbox"/> .225"	<input type="checkbox"/> Loran	<input type="checkbox"/> FAX
<input type="checkbox"/> Capstans	<input type="checkbox"/> 1/4"	<input type="checkbox"/> Single	<input checked="" type="checkbox"/> Dynamic Positioning	<input type="checkbox"/> Cellular
		<input type="checkbox"/> Multi	<input type="checkbox"/> Other	<input type="checkbox"/> SEANET

 12 kHz Echosounder Multibeam Sounder Air Compressor
 3.5 kHz Echosounder Magnetometer

<input type="checkbox"/> Pingers	Vans:	Nets:
<input type="checkbox"/> Gravity Corers	<input type="checkbox"/> Refrigerated	<input type="checkbox"/> Dip net
	<input type="checkbox"/> Magazine	<input type="checkbox"/> Plankton

- | | | |
|---------------------------|---------------------------|------------------------|
| _ Piston Corers | _ Isotope Isolation | _ Neuston |
| _ Box Corers | _ Lab | _ Bongo |
| _ Rock Dredges | _ Storage | _ Mid-water trawl |
| _ Airgun/watergun system | _ Berthing | _ MOCNESS |
| _ Explosive Handling Gear | _ Chest Freezers | (Size): |
| _ Thermometers | _ Refrigerators | _ Work boats |
| _ CTD | | _ Computer/peripherals |
| _ Rosette Sys. | _ Auto Analyzer | _ PC computers |
| _ Niskin bottles | _ Salinometer | _ SAIL system |
| Size: | _ Nutrients | _ Digital XBT |
| and number: | _ Oxygen titration | _ ADCP |
| | _ Liquid Scintillation | _ Gravimeter |
| | _ Uncontaminated seawater | _ IMET |

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Other Special Equipment; Equipment Requiring Special Handling, Storage or
Installation; Comments:

Air compressors, airguns, seismic set-up for Healy. We plan to build Sea Ice
Seismometers.

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