

UNOLS Ship Time Request Form - Section ONE

UNOLS Request ID #: 20041101080659MO
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P.I. Name Last: Mayer First: Larry MI: A

Institution: Center for Coastal and Ocean Research vessel required for:
 Mapping University of New _ Ancillary Only
 Hampshire X Principal Use
 Address: 24 Colovos Rd _ No Ship Required
 Durham NH _ Long Range Planning Document

Phone: 603 862-2615 Fax: 603 862-0839 Email: lmayer@unh.edu

Co P.I. Name	Institution	Co P.I. Name	Institution
Andy Armstrong	UNH Joint Hydrographic Center - NOAA		

Proposal Title:

Multibeam Sonar Mapping in Support of Potential U.S. Law of the Sea Claim

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 NOAA
 Institutional Proposal #: Amount Requested: Area(s) of Operation:
 AR7

Agency Proposal #:

Renewal? N Start Date: Lat/Long:
 Grant #: End Date: Begin: 70N 160W
 End: 80N 140W

Year	Ship(s) Requested (Name or Size)	# Science Days Req.	Optimum Dates	Alternate Dates
2006	Healy	30	8/24/06	9/24/06

Total Science & Ship Days Needed: 30 PORTS
 Start: Intermediate: End:
 Number in Science Party: 20 Barrow Barrow

Equipment Required:

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

Other Special Equipment; Comments:

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

Name	Institution	Phone	E-mail
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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.

This is the only weather window that the work can be done in.
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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
X Foreign Nationals Medical Conditions Disabled Persons Other
Please explain:

We will probably have scientists from Canada, Sweden, Denmark and several other
nations
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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): CTD
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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 checked="" type="checkbox"/> Inmarsat
<input type="checkbox"/> Hydro	<input type="checkbox"/> 9/16"	<input type="checkbox"/> 0.322"	<input checked="" type="checkbox"/> DGPS	<input type="checkbox"/> ATS
<input checked="" 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 type="checkbox"/> Dynamic Positioning	<input type="checkbox"/> Cellular
		<input type="checkbox"/> Multi	<input type="checkbox"/> Other	<input type="checkbox"/> SEANET

<input type="checkbox"/> 12 kHz Echosounder	<input type="checkbox"/> Multibeam Sounder	<input type="checkbox"/> Air Compressor
<input type="checkbox"/> 3.5 kHz Echosounder	<input type="checkbox"/> 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

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

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

Work will focus around multibeam system -- but need water properties to support
multibeam.
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