

UNOLS Ship Time Request Form - Section ONE

UNOLS Request ID #: 20050302102056EG
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P.I. Name Last: Lovvorn First: James MI: R

Institution: University of Wyoming Research vessel required for:
 Address: Office of Research, University of Wyoming
 Laramie, WY 82071
 Ancillary Only
 Principal Use
 No Ship Required
 Long Range Planning Document

Phone: 307-766-6100 Fax: 307-766-5625 Email: lovborn@uwyo.edu

Co P.I. Name	Institution	Co P.I. Name	Institution
J. M. Grebmeier	University of Tennessee	L. W. Cooper	University of Tennessee

Proposal Title:

Climate-driven changes in impacts of benthic predators in the northern Bering Sea

Large Program Name: Other Research Purpose: Biological Oceanography
 If Other, specify: Arctic Natural Sciences If Other, specify:

New Proposal? N Agency Submitted to: Foreign EEZ? N
 Funded Grant? Y NSF/Other
 Institutional Proposal #: Amount Requested: 608, 159 Area(s) of Operation: NP5
 Agency Proposal #: 0454454 Lat/Long:
 Renewal? N Start Date: 04/01/05 Begin: 61.2 N, -170 W
 Grant #: End Date: 03/31/07 End: 63.3 N, -175.3 W

Year	Ship(s) Requested (Name or Size)	# Science Days Req.	Optimum Dates	Alternate Dates
2006	Healy	30	05/01/06 - 05/31/06	05/07/06 - 06/06/06
2007	Healy	30	05/01/07 - 05/31/07	05/07/07 - 06/06/07

Total Science & Ship Days Needed: 60 PORTS
 Number in Science Party: 14 Start: Dutch Harbor, AK Intermediate: End: Dutch Harbor, AK

Equipment Required:

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

Other Special Equipment; Comments:

UNOLS Ship Time Request Form - Section TWO

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.

The timing of the cruise is very important, as we need to overlap the cruise with the timing of the ice-edge spring bloom. We also need to be in the area at the time when Spectacled Eiders move north from their main wintering area south of St. Lawrence Island to suspected areas north of the island.

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.

Special Science Party Considerations

Foreign Nationals Medical Conditions Disabled Persons Other

Please explain:

There is a possibility that Russian researchers will be participating as deck assistants.

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: Formalin Quantity:

Disposal Plan:

No formalin will be disposed of during the cruise.

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

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

Equipment to be used:

Winches:	Wire:	Conductor	Navigation:	Communication:
<input checked="" 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 type="checkbox"/> DGPS	<input type="checkbox"/> ATS
<input checked="" type="checkbox"/> CTD	<input checked="" type="checkbox"/> 1/2"	<input type="checkbox"/> .225"	<input type="checkbox"/> Loran	<input type="checkbox"/> FAX
<input type="checkbox"/> Capstans	<input checked="" 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

 _ 12 kHz Echosounder X Multibeam Sounder _ Air Compressor
 _ 3.5 kHz Echosounder _ Magnetometer

	Vans:	Nets:
_ Pingers	_ Refrigerated	_ Dip net
_ Gravity Corers	_ Magazine	_ Plankton
_ Piston Corers	_ Isotope Isolation	_ Neuston
_ Box Corers	_ Lab	X Bongo
_ Rock Dredges	_ Storage	_ Mid-water trawl
_ Airgun/watergun system	_ Berthing	_ MOCNESS
_ Explosive Handling Gear	X Chest Freezers	(Size):
X Thermometers	X Refrigerators	_ Work boats
X CTD		X Computer/peripherals
X Rosette Sys.	_ Auto Analyzer	X PC computers
X 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:

We will be using an otter trawl, probably from the warehouse for the Alpha
 Helix in Seward.
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