

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
 Shared-Use Equipment Request

Date:	
Cruise/Project:	Chief Scientist:
Cruise/Use Dates: Depart Arrive	Primary Contact:
Marine Technician:	Phone Number(s):
	Email Address:

Address Questions to: Andrew Woogen, Marine Technician Superintendent,
 phone: 541-737-4622; Email: awoogen@coas.oregonstate.edu

Standard Ship Compliment:

ITEM	ANTICIPATED USE	COMMENTS
SeaBird CTD system Options: transmissometer, fluorometer, PAR, O2, altimeter Canhandle other analog inputs	No. casts _____ Max depth _____ Optional sensors?	Requires Marine Tech on board. Indicate special needs:
SBE Carousel samplers -12 bottle with 10-liter bottles	Check if wanted <input type="checkbox"/>	Requires Marine Tech
RDInstruments shipboard Doppler current profilers(75kHz and 300kHz systems).	Check if wanted <input type="checkbox"/>	Please make unusual requests in advance. Operating under UHDAS.
Shipboard Bathymetric System: 12kHz and 4.0kHz, can be run simultaneously.	Check if wanted <input type="checkbox"/>	Knudsen CHIRP 6260
Teledyne Benthos UDB-9000 Universal Rack Unit.	Check if wanted <input type="checkbox"/>	Switched to 12kHz transducer. J-box available.
OSU DAS shipboard data logging/display system: See attached standard sensor list	Check if wanted <input type="checkbox"/>	Indicate special needs:
Shipboard Networking Services, Internet access.	See notes below	Includes: HiSeasNet KU band, FBB, Network printer/copier/scanner, etc.

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
Common-Use Equipment Request

Cruise/Project:
Chief Scientist:

Winch slip rings -4 conductor -4 available	Check if wanted <input type="checkbox"/>	Required for CTD
Portable refrigerator/freezer (15 cu. Ft.)	Check if wanted <input type="checkbox"/>	NO RADIOACTIVE STORAGE IN THESE REEFERS!
Portable -80 Freezer (5 cu. Ft.)	Check if wanted <input type="checkbox"/>	NO RADIOACTIVE STORAGE IN THESE REEFERS!
NANOpure Science reagent grade water system	Check if wanted <input type="checkbox"/>	
	Estimated volume needed _____	
12kHz pingers-Benthos model 2216 (2 available)	Check if wanted <input type="checkbox"/>	
Dry Lab tables and cabinets in various heights and sizes:	Please e-mail us a copy of your preferred arrangement to: martech@coas.oregonstate.edu	

COMMENTS:

NOTES:

Please provide a list of any user-supplied sensors to be integrated on the CTD or into the OSU DAS data streams.

NETWORKING: If you have need for shipboard network capabilities, or if you desire more information on shipboard networking on OCEANUS, please contact the Marine Technician group (e-mail: martech@coas.oregonstate.edu phone: 541-737-4622). Full time internet connections are available on OCEANUS at sea through HiSeasNet, Fleet broad Band, Cellular Broad Band,

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
Common-Use Equipment Request

Cruise/Project:
Chief Scientist:

Transient Equipment

ITEM	ANTICIPATED USE	COMMENTS
Guideline PortaSal	Check if wanted <input type="checkbox"/>	Operated by user. One available. Bottles included
Portable storage racks for compressed gas cylinders	Check if wanted <input type="checkbox"/>	Specify number, size of cylinders, type of gas:
Dissolved Oxygen Titration System.	Administered by Joe Jennings	Phone: 541-737-4365 E-mail: jenningsj@coas.oregonstate.edu
Nutrient Autoanalysis Facility	Administered by Joe Jennings	Phone: 541-737-4365 E-mail: jenningsj@coas.oregonstate.edu
NORCOR Coring Facility	Administered by Dr. Mitch Lyle	Phone: 541-737-3427 E-mail: mlyle@coas.oregonstate.edu

Other Requests

Oxygen Titration System

An automated oxygen titration system is available for use on OCEANUS and other vessels. The system is administered by Joe Jennings (541-737-4365 jenningsj@coas.oregonstate.edu). Please call Mr. Jennings for details of the system, availability and cost information.

Nutrient Autoanalysis Facility

A nutrient autoanalysis facility is available for use on OCEANUS and other vessels. The system is administered by Joe Jennings (541-737-4365 jenningsj@coas.oregonstate.edu). Please call Mr. Jennings for details of the system, availability and cost information.

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
 Common-Use Equipment Request

Cruise/Project:
Chief Scientist:

Ship's Deck Equipment

Winch and wire Rope Requirements: Please indicate type of wire/cable required for each winch. State purpose for use of wire rope and EM cables, air weight of instruments(s), depth of cast(s) and length of wire required. See [R/V OCEANUS Cruise Planning Manual](http://www.shipops.oregonstate.edu/ops/oceanus/manual.htm).
<http://www.shipops.oregonstate.edu/ops/oceanus/manual.htm>

Hydro Winch: (Typically used for CTD/bottle casts. CTD wire=0.322" 3-conductor EM, or 1/4 " 3X19 wire rope.):
Trawl Winch: (Available with bare drum, 0.322" conducting wire or 3/8" 3X19 wire rope):
Deep Sea Winch: (Available only with 9/16" 3X19 wire rope or 0.680" coax):
*Dynacon Mooring Traction Winch: (used for slack wire mooring work)

Cranes/Frames:

Main Ship's Crane:	* Articulating Crane:
Stern A-Frame:	*Portable Hydraulic/air tuggers (1 hydro, 2 air):
Capstan:	

*Indicates equipment carried only on request

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
Common-Use Equipment Request

Cruise/Project:
Chief Scientist:

Please give a brief summary of operations for your cruise, any special requirements or needs you may have which are not mentioned above, and any information which will help us to plan technical support for your cruise. (e.g., Diving, any unusually large, heavy or delicate equipment, storage before or after the cruise, unusual requirements for power, hydraulics or air, pre and post-cruise shipping, etc.).

Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
Common-Use Equipment Request

Cruise/Project:
Chief Scientist:

Notes on Common-Use Equipment:

- 1) **AVAILABILITY:** The equipment listed on this form is part of an NSF-sponsored shared-use pool. As such, it is available for use by OCEANUS projects as well as projects at OSU (and sometimes elsewhere). Scheduling is done on a first-come, first-served basis, with priority given to NSF-sponsored, OCEANUS projects.
- 2) **PERSONNEL REQUIREMENTS:** The equipment is provided with the understanding that the user will provide his/her own personnel needs. It is not the job of the Marine Technician to perform your research work. The Marine Technician may be free to assist with your fieldwork, but their other duties have priority. If the Marine Technician will be needed for more than 12 hours per day, contact the Marine Technician Superintendent (Andrew Woogen awoogen@ceoas.oregonstate.edu) to discuss extra personnel.
- 3) **EQUIPMENT STAGING:** We can provide most of your staging needs at Newport and elsewhere. Any additional lifting equipment you may require will be recharged to your project. You are advised to contact the Marine Superintendent (Stewart Lamerdin, Ship Operations, Newport 541-867-0225, e-mail: slamerdin@coas.oregonstate.edu), regarding ports other than Newport, dealings with agents, etc.
- 4) **COSTS AND CHARGES:** In most cases, there is no charge for use of this equipment on OCEANUS. All normal costs are covered in the Technicians Daily Rate for ship time. Some items (for example, XBT probes and standard water) are normally supplied by the user.
- 5) **LIABILITY FOR DAMAGE:** Damage to instrumentation and equipment beyond wear-and-tear, or due to negligence on the part of the user will be the responsibility of the user. Users from outside OSU may be required to show proof of adequate insurance before equipment can be released to them for use.
- 6) **RADIOACTIVE WASTE AND RAD MONITORING:** OCEANUS has very specific guidelines for the onboard use and subsequent disposal of radioactive materials. You must consult with us about this well in advance. Disposal of the radioactive waste is the responsibility of the user, regardless of where done. In the vast majority of cases, disposal of radioactive waste at sea is prohibited. Disposal of most waste can be arranged through the Radiation Safety Office at OSU, and will be at your expense. These costs and procedures are available on request from the Radiation Safety Office at OSU (Daniel Harlan, 541-737-2082, Daniel.Harlan@oregonstate.edu). Be advised that you will be required to continuously monitor your work areas, and that your work areas are subject to a radiation sweep test following your cruise. In ports other than Newport, this will be your responsibility. All radiation work will be done in an UNOLS approved radiation safety van. NOTE: REGRIGERATED/FROZEN STORAGE OF ISOTOPES AND RADIOACTIVE MATERIAL IS YOUR RESPONSIBILITY. RADIOACTIVE STORAGE IS NOT ALLOWED IN ANY OF OCEANUS' REEFERS OR FREEZERS.