

Research Vessel Operators Committee



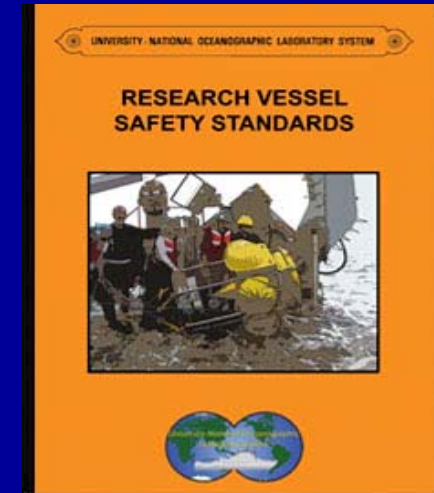
Committee Report

UNOLS Annual Council Meeting October 2010

Highlights of the April 2010 RVOC Meeting



- Safety Committee and Research Vessel Safety Standards (RVSS)
 - Review medical standard screening for scientific parties and crew
 - Update the Crew Safety Training Manual
 - Plan workshops for Appendix A- Rope and Cable Safe Working Load Standards
 - Final Review of Draft for Appendix B Overboard Handling Systems Design Standards



Appendix B

UNOLS Overboard Handling Systems Design Standards

Applies to:

- All fixed and portable overboard handling systems
- Each component of the overboard handling system:
 - Winches, Frames, Davits, Cranes, Booms and Sheaves
 - Foundations for all components – including ship structure
 - Deck tie downs and shackles
- This document **WILL** apply to cranes if they are used to lift, deploy, and/or recover science packages
- This document **DOES NOT** apply to manned lifting operations

- Equipment Pools and Shared Use Equipment-
Vans, Winches and Wire
 - Improved “Quality of Service”
 - Focused equipment purchases
 - Reduce overall costs



Wire Pool Database

Rick Trask is Pool Manager of the Web-based database
Provides a history of all UNOLS wires and wire usage

The screenshot shows a web browser window displaying the UNOLS Wire Pool Database. The page title is "UNOLS WIRE POOL DATA SHEET" for the vessel "Endeavor", logged in by Samuel DeBow. The interface is divided into three main sections: contact information for the institution (University of Rhode Island), the vessel (Endeavor), and a table of recent wire distributions.

UNOLS WIRE POOL DATA SHEET **Endeavor** Logged in: Samuel DeBow

Institution: University of Rhode Island
Vessel name: Endeavor
Shipping address: Graduate School of Oceanography, South Ferry Road, Narragansett, RI 02882
Office phone: 401-874-6554, Fax: 401-874-6574
[Update in's location](#)

Contact name: Samuel DeBow
Title: Acting Marine Superintendent
Address: Graduate School of Oceanography, South Ferry Road, Narragansett, RI 02882
Office phone: 401-874-6554, Cell phone: email: sam.debow@gsosun.edu, Fax: 401-874-6574
[Update contact information](#)

Other designee contact: [Add contact information](#)

Recent Wire Distributions Assigned to this Vessel [Report a reel](#)

Wire size and type	Manu Reel No	NSF Reel No	Date distributed to this institution	Original length (meters)	Current length (meters)	Select one: Wire is in			Last change
						Use	Storage for future use by this institution	Storage not available to other institutions	
8 102 EM	06078-C2	NSF-76-C108	Oct 2005	90,001	0,596	X			
8 102 EM	02961-C1	NSF-24-C98	Jul 1999	90,105	4,856	X			Update reel
8 102 EM	02978-C14	NSF-24-C79	Nov 1998	90,223	6,050		X		Update reel
14 3x10	0414721	NSF-28-15	Aug 1920	6,841	8,200		X		Update reel
910 3x19	B036605-01	NSF-27-100	Nov 2007	9,146	8,272	X			Update reel

1 See Wire Pool Policy, any change of in's they needs to be authorized.

Vessel Name: Endeavor [Rops and Cable Safe Working Loads](#)



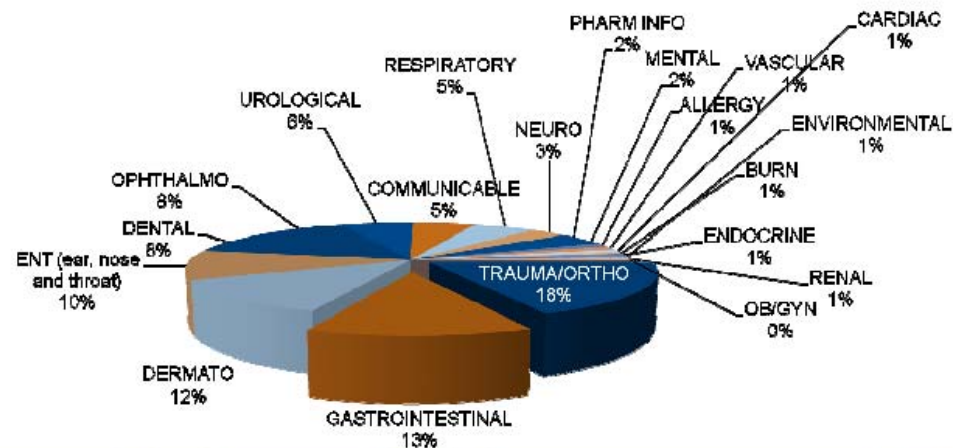
▶ COMMERCIAL MARITIME



- Provides fully integrated medical assistance products and services to the world's premiere commercial maritime organizations throughout the world
- MedAire is contracted by UNOLS to provide medical services, products and assistance to all UNOLS vessels.
- MedAire provided a UNOLS Ship Survey of Medical Training

Survey of Training levels in the UNOLS Fleet

Medical Categories Vessel Underway

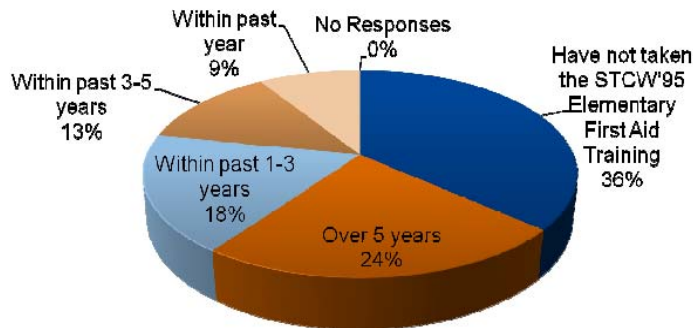


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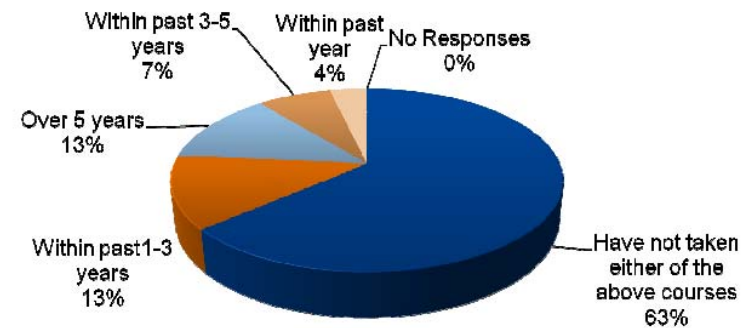
Survey of Training Levels in UNOLS fleet

Are we training our crew??

Completed 8-hr. Elementary First Aid Training Course?



Completed 21-hr. STCW Medical Training Course?










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Maritime Telemedicine- provides medical care to remote locations and is a complete remote medical diagnostic system allowing physicians to diagnose, treat, and monitor patients virtually anywhere in the world

Remote Telemedicine Device



-  Blood Pressure & Pulse Oximetry
-  Temperature
-  Respiration & End Tidal CO₂
-  12 Lead EKG
-  Glucometry
-  Real Time Voice & Data
-  Camera With Stills & Real Time Video

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NSF Ship Inspection Program

Blake Powell from JMS Naval Architects

Purpose

The major purposes of the NSF Ship Inspection Program are:

- 1) To assure that the capabilities of the research vessel and technical support meet accepted scientific community standards and expectations;
- 2) To assure the seaworthiness and safety of research vessels supported by NSF meet or exceed the standards set forth by the *UNOLS Research Vessel Safety Standards (RVSS)*, and applicable requirements of the International Maritime Organization, American Bureau of Shipping (ABS), the Code of Federal Regulations (CFR), and the U.S. Coast Guard;
- 3) To ensure NSF-owned ships as capital assets, are being adequately maintained;
- 4) To ensure NSF-funded science is scheduled on properly outfitted and maintained vessels.



Naval Architects & Salvage Engineers

SCRIPPS Institution of Oceanography will host the 2011 RVOC Meeting April 13-15

