

# Research Vessel Operators Committee



## Committee Report

UNOLS Council Meeting October 2011  
Joe Malbrough

# Highlights of RVOC 2011



- Safety Committee and Research Vessel Safety Standards (RVSS)

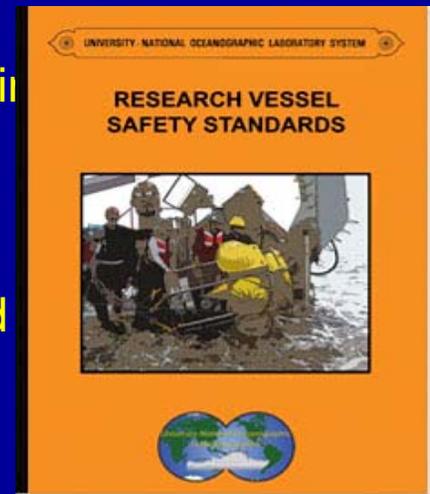
- Revision 1 and Compliance date 1 June 2011 to the Research Vessel Safety Standards- Appendix A. UNOLS Rope and Cable Safe Working Load Standards

- Promulgated Appendix B, Overboard Handling Systems Design Standards, 15 July 2011

- The UNOLS Appendix B Workshop will be held San Diego on February 7 & 8, 2012, Hosted Scripps Institution of Oceanography

- JMS Ship Inspection Program- Best Practices

- Research Vessel Operators Committee Meeting 2012



# Appendix A- Rope and Cable Safe Working Load Standards

- **Revision 1 and Compliance Date 1 June 2011**
- West Coast Workshops completed at UW, SIO, UH by Rich Findley
- Changes in errors discovered during Workshops
  - Changed incorrect number in the tables and few editorial errors.
- NSF Group Purchase of LCI90i.

# UNOLS Fleet Wide Group Purchase MTNW LCI-90i



- Meets new RVSS requirements.
- Provides operator the ability to digitally log a wide range of wire and winch parameters.
- Completed install on Atlantic Explorer, Cape Hatteras, Endeavor, Kilo Moana, Pelican, Point Sur, Sharp, Wacoma.
- Currently scheduling Walton Smith, Healy and Polar Star

# Appendix B Overboard Handling Systems Design Standards

- Promulgated on 15 July 2011 with a compliance date of 15 July 2014.
- The objective of this document is to provide a unified code of practice for the structural design and operating principles of overboard handling systems used on board UNOLS vessels.
- Little input and lack of feedback from UNOLS community. Perhaps this promulgation requirement will increase focus on Appendix B.
- The RVSS manual was designed as a living document and as such, revisions and corrections were intended to be made.
- Workshop will be held in San Diego on February 7 & 8, 2012, Hosted by: Scripps Institution of Oceanography.

# Maximum Capability Document (MCD)

- Define as the Maximum Permissible Tension (MPT) for a specific component or system, for a given range of load geometries.
- Possible group purchases for Professional services for vessels with same equipment such as A-frames and deck sockets
- Endeavor, Sikuliaq and Cape Hatteras are currently working on MCDs.

# Ship Inspection Best Practices

- <http://www.unols.org/committees/rvoc/ShipBestPractices/ShipInspectBestPractices.html>

- **Examples:**

- **Kilo Monana**

- CTD Bottle Jig
    - Workbenches Mounted on Unistruts
    - Chemical Spill Procedures

- **Healy**

- Real-Time Geospatial Browser and Displays for Science Operation and Planning
    - NDT Report
    - Crane Operator Protection

- **Cape Hatteras**

- Best Use of the Deep Fat Fryer
    - Observation Window for the Markey Dush-5 Winch
    - Small Winches to aid in Tag Line Control



# The UNOLS Research Vessel Operators Committee (RVOC) April 23-26, 2012

- Hosted by Univ. of Alaska/Fairbanks
- In Marinette, Wisconsin.
- Tours of R/V SIKULIAQ currently under construction at Marinette Marine Corporation Shipyard.

## R/V SIKULIAQ

Alaska Region Research Vessel



[www.sfos.uaf.edu/arrv](http://www.sfos.uaf.edu/arrv)