



# Appendix A Workshops



# Introduction

- The University National Oceanographic Laboratory System (UNOLS) issued a new Research Vessel Safety Standards (RVSS) manual in March of 2009.
- A new section in this manual is Appendix A titled UNOLS Rope and Cable Safe Working Load Standards.
- This standard must be met by UNOLS operators 18 months from the date of the publication of the RVSS which places the date of compliance as September 12, 2010.



# Response

- A series of two day regional training seminars, invited attendees will include winch owners and operators (i.e., crew, scientists, technicians, and managers).
- Based on UNOLS Winch Wire Handbook

# Objectives of the Training Seminars

- What the purpose of the standard is and why it was implemented
- The definition of working terms such as winch owner, elastic limit, transient loads, dynamic loads, factor of safety, alarms and the various levels of deck safety.
- How to determine their current level of compliance with Appendix A and improvements needed to increase compliance.
- The difference between a “deemed” competent winch operator and a “certified” winch operator and a how to develop a certification procedure.



# Hands on Training

- A method of making a pre-cruise estimate of the loads that will be imposed on the tension member and determining the factor of safety required to be able to carry out the science mission.
- Testing and logbook records. (Hands on training provided by WHOI)
- Operation of wire tension monitoring equipment and calibration. (Hands on training provided by Measurement Technology NW)



# Workshop Locations

- RSMAS/HBOI (June)
- WHOI
- UW
- SIO



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