



UNOLS Safety Committee Report to RVOC April 29, 2015



Current Safety Committee Membership

- Jeff Garrett/ USCG ret.- Chair
- Ron Harelstad/ BIOS
- Jon Swallow/UDEL
- Rich Findley/RSMAS
- Joe Malbrough/LUMCON
- Bill Rall- UW
- Bill Fanning/URI/GSO
- Michael Hulme/CBL
- Rich Behn/RSMAS
- Aaron Davis/SIO
- Joshua Eaton/WHOI
- Rick Trask/WHOI

Proposed Safety Committee Terms of Reference

Charge of Safety Committee

To provide a forum for the formulation, review, and recommendation for the approval of the UNOLS Research Vessel Safety Standards (RVSS) for the UNOLS fleet through the RVOC.

Members

1. Voting Members- 10 members, representing the UNOLS class of vessels; global, ocean, regional, local, as well polar, regulatory, and RVTEC
2. UNOLS Community Members- including federal agencies, observe
3. UNOLS Subject Matter Experts- non-voting, expertise as needed, invited by committee

Term limits- 3 year with a possible 3 year renewal

Reporting- This will remain the same, ie. report to RVOC

Meetings- Twice a year to include RVOC as before

Appendix B

- Compliance date delayed to July 15, 2016
- Testing of existing system to meet Appendix B
- Engineering Analysis for all new systems

Note: Historical data shows that fleet has not had a great number of wire/cable failures

Waivers

- There have been waivers granted by NSF on Appendix A-example: rollers on winches
- Procedures for Waivers: Operator would send written request for ruling to Safety Committee Chair for a ruling on a proposed operation. Chair would then seek subject matter expert advice. A review board of (3) members, with Chair would provide a written response, with agencies informed, to grant or not grant waiver.

Reissue of RVSS

- Currently with JMS for review with incorporated edits
- Safety Committee will then review this version, make final edits, and send to RVOOC for final approval before publishing.
- Safety Committee recommends keeping current format of:
 - Required by Regulations for all vessels
 - Required by Regulations for certain vessels (inspected, classed, SOLAS, Uninspected, other regs)
 - Required Standards under RVSS
 - Required by RVSS under Certain Circumstances
 - Recommendations and Best Practices
 -

Tested Breaking Load- what individual tension members breaks at.

Nominal Breaking Load- manufacturers minimum break strength

Safety Committee recommends RVSS uses NBL as the CFR 189.35-9 states nominal and industry practice is NBL

We cannot use testing in lieu of calculation to safely determine the DLT or SWT of a piece of equipment. Therefore, RVSS section B.6.11 should be omitted.

2. Provided documentation exists providing its SWT, it's in apparently good working order, and it has been subjected to a load test per sections B.6.3 or B.6.4, whichever applies, an existing piece of equipment should be acceptable for use.

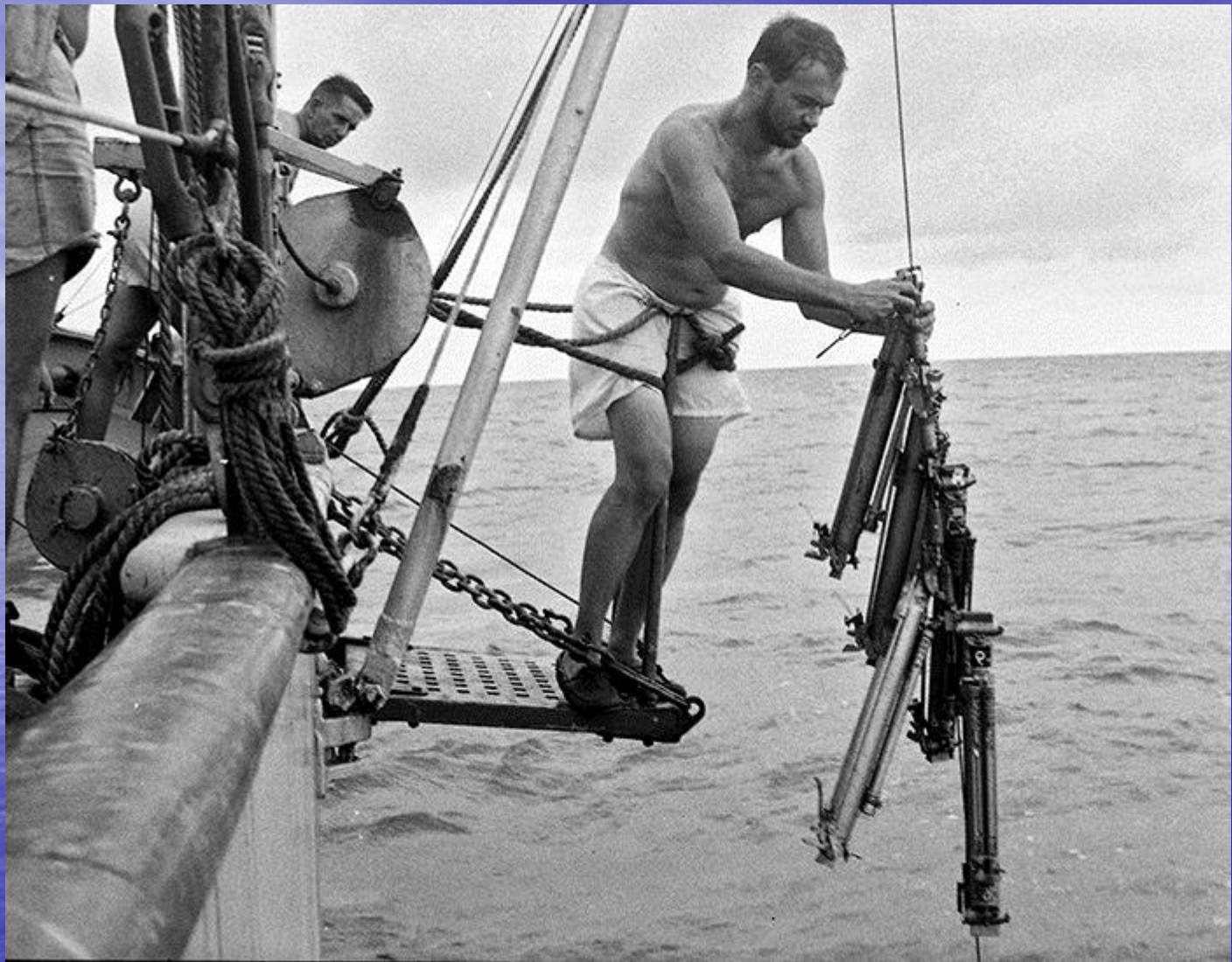


Photo: Jan Hahn/WHOI

Appendix B- Overboard Handling System