



RVTEC Web Resources Added this Year

- **Ship Inspection – “Best Practices”**
- **RVTEC Video Library**
- **RVTEC Technical Exchanges/
Discussions**



RVTEC Webpage: New Resources this year

RVTEC - Windows Internet Explorer

http://www.unols.org/committees/rvtec/index.html

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RVTEC

Research Vessel Technical Enhancement Committee

[UNOLS Charter - Annex V](#)

[Technician Point of Contact Information](#)

Webpage Index:

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- [Ship Inspection Best Practices - new!](#)
- [RVTEC Video Library - new!](#)
- [RVTEC Letters, Recommendations, and Summary Reports](#)
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RVTEC Officers

Rich Findley, University of Miami RSMAS (RVTEC Chair) rfindley@rsmas.miami.edu

Daryl Swenson, Oregon State University (RVTEC V-Chair) dswenson@com.oregonstate.edu

RVTEC Representatives to other UNOLS Standing Committees

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Ship Inspection – Best Practices Webpage

Ship Inspection Best Practices

Browser address bar: file:///Users/lanette/Desktop/RVTEC2010/Thursday/Ship%20Inspection%20Best%20Practices.webarchi...
 Browser tabs: Ship Inspection Best Practices, How to do print screen in Mac OS

Ship Inspection Best Practices

Updated: November 17, 2010

Ship	Ship Inspection Best Practices	Posted
Hugh Sharp	<p>NSF Inspection JMS Report (pdf) includes the following:</p> <ul style="list-style-type: none"> • Van Vestibule and Hook Ups • Portable Gas Detector • ADA Features 	Sep 15, 2010
	Auto-Render/Recover Control Board	
Atlantic Explorer	<p>NSF Inspection JMS Report - Workboat Davits (pdf)</p> <p>Deck Labeling - Outstanding color-coding and labeling on deck</p> <p>Block Placard - "Maximum Permissible Tension" placard on a block which may be a future requirement of Appendix B.</p>	Sep 14, 2010
Wecoma	<p>NSF Inspection JMS Report (pdf) - includes the following:</p> <ul style="list-style-type: none"> • Shipyard Report Binder • Data Acquisition System • Crane 	Sep 14, 2010



RVTEC Video Library Webpage

RVTEC Video Library - Windows Internet Explorer

http://www.unols.org/~unols/teach/video_library.html

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RVTEC Video Library

Updated October 20, 2010

RVTEC Video Library

This web page will provide links to video clips of technical instrumentation and operations.

Video Title and Link	Post Date
Video Tour of R/V <i>Hugh Sharp</i> : available on Ocean Bytes at http://www.oceanbytes.org/2010/10/19/video-tour-of-rv-hugh-r-sharp/	Oct 20, 2010
Caley Ocean Systems CTD Handling System: available on Ocean Bytes at http://www.oceanbytes.org/2010/10/09/caley-ocean-systems-ctd-handling-system/	Oct 18, 2010
CTD and Dissolved Oxygen Measurement via Winkler Titration, available on Ocean Bytes at http://www.oceanbytes.org/2010/09/01/ctd-and-dissolved-oxygen-measurement-via-winkler-titration/	Sept 1, 2010
Reson Seabat S101 Multibeam video, 2-part video available on Ocean Bytes at http://www.oceanbytes.org/2010/08/11/reson-seabat-s101-multibeam-echosounder/	Aug 11, 2010
Scarfish Undulating Towed Vehicle, available on Ocean Bytes at http://www.oceanbytes.org/2010/08/06/scarfish-undulating-towed-vehicle/	Aug 5, 2010

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Technical Exchanges Webpage

RVTEC Technical Discussions - Windows Internet Explorer

Page Updated November 12, 2010

RVTEC Technical Exchanges/Discussions

Throughout the year, the RVTEC community shares information on technical topics typically via email. These exchanges are compiled and posted below.

Topic	First Posting Date
Overboarding block for 1/4" Hydro Wire	November 12, 2010
Gravity Benchmark Database	October 27, 2010
Termination .680 Travel Wire	September 16, 2010
12kHz pinger clamp for .680 travel wire	September 15, 2010
Time Servers	September 3, 2010
Redundant Precision Navigation?	September 3, 2010
EM Cable Terminations for CTDs	August 31, 2010
Box Coring and Bongo Nets	August 30, 2010
NMEA Simulators	August 27, 2010
Sensor Value Formats	August 6, 2010
1,000-year storage media	August 4, 2010
3.5kHz Transducers for Chirp 3260	July 30, 2010
Wooden Shipping Crates Regulations	June 4, 2010
Concerns on Young Anemometer?	May 11, 2010
Shipboard Deployment Videos	April 9, 2010
Batteries - the age old quest for more power	April 5, 2010
Shipboard Transducer Removal & Installation in the water	March 24, 2010
Export Controls	March 24, 2010
Air release and Degassing valves on underway seawater systems (No replies Posted)	March 23, 2010
Uncontaminated Seawater Piping	March 2010



Gravity Benchmark Database

Gravity Benchmarks - Windows Internet Explorer
http://www.unols.org/.../TechTopics/GravityBenchmarks.htm

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Gravity Benchmarks

Gravity Benchmark Database

Posted on October 27, 2010

Originated From: Justin Smith (UH) on Wed, 27 Oct 2010

Hi,

This is Justin Smith, I am a tech aboard the R/V Kilo Moana.

We are currently sailing in the South Pacific. We would like to locate gravity benchmarks with known absolute gravity readings in Apia Guam, Suva Fiji, and Nuku'alofa Tonga. I am sure that other research vessels equipped with gravimeters have put into these ports and needed to establish land ties in the past. Does anyone in the tech community have knowledge of these gravity benchmarks? Is there a database of gravity benchmarks in ports frequented by UNOLS vessels? Any assistance would be greatly appreciated!

Cheers,

-Justin

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www.soest.hawaii.edu/OTG

Reply from: Dale Chayes (LDEO) on Wed, 27 Oct 2010

The "classic" source of the info is:

"International Gravity Measurements" by George P. Woodard and John C. Rose, 1963 published by the Society of Exploration Geophysicists. It has info for the "old" pendulum (obsolete) gravity sites. I didn't see any listed for Guam, Fiji or Tonga.

Done

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The Future...

- Daryl Swenson and Tom Wilson have both indicated that they have years of RVTEC emails that they can share with the office
- The Office will explore options for reorganizing and archiving the Technical Exchange information.
- A “search” feature may be desirable?
- Some suggestions:
 - <http://www.vbulletin.com/> Software – it’s great for keeping track of posts and replies and easy to search. (Andy Girard)
 - Port all the old emails into an existing forum application like the free Simple Machines Forum:
<http://www.simplemachines.org/> (Tom Wilson)