

UNOLS Council Meeting

March 14-15, 2006



University-National Oceanographic Laboratory System

Ship Transfer and Constructions



University-National Oceanographic Laboratory System

R/V Seward Johnson II arrives in Bermuda on March 17th.



- 23 October 2005 – *SJII* began a 4.5 month modification and maintenance period at Lyon's Shipyard in Norfolk, VA (modifications on next slide).
- 20 December 2005 – *Weatherbird II* arrived at Lyon's shipyard for cross-decking.
- Inclining, ABS, and Coast Guard inspections complete, letter of designation received.
- March 20, 2006 – Christening / Naming Ceremony – Hamilton, Bermuda
- April 10 & 11, 2006 – Ship Inspection
- April 2006 – *SJII* begins operations from BBSR and support of BATS.
- *Weatherbird II* is for sale.



R/V Seward Johnson II Modifications

- A new wheelhouse has been built one deck higher and aft improving visibility
- Space where old wheelhouse was located can now house a lab van for air/sea interaction experiments and atmospheric sampling.
- New science classroom/seminar room and shipboard tech center.
- Addition of a CTD garage.
- Internal staircases added to improve traffic flow.
- Main lab enlarged significantly and two other labs have been reworked.
- New winch deck
- Galley has been enlarged
- Science berths = 22
- Removal of a lot of wood.



R/V Hugh R. Sharp

**Arrived at U. Delaware,
Lewis, DE, on Jan 11, 2006**



- Winter months – Outfitting, crossdecking, and weekly underway trials to test various systems, experiment with maneuvering, deployment of gear, and to run drills.
- March 21-22 – JMS Inspection
- March 26-28 – First Cruise.
- New Caley CTD Handling system installation is planned for May. Small Markey CTD winch has been borrowed from *SJII*.
- May 7th – Commissioning Ceremony at U. Delaware.
- *Cape Henlopen* has been sold to a private party.



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Safety Standards for Human Occupied Vehicles



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Establish Safety Standards for Human Occupied Vehicles (HOVs)

- NSF and NOAA have provided DESSC with a draft task statement to establish safety standards for HOVs.
- Multiyear effort



Committee Membership:

- Dana Wilkes - NOAA Representative
- Tim Askew (HBOI) - HOV Operator, UNOLS Safety Committee
- Colleen Cavanaugh (Harvard U.) - Science HOV user
- Pat Hickey (WHOI) - HOV pilot
- Terry Kerby (HURL) - HOV Operator and Pilot
- Dan Schwartz (UW) - Marine Superintendent, past Ship Captain
- Barrie Walden (WHOI) - HOV Operator
- Craig Young (U. of OR) - Science HOV user, DESSC

Agency Representatives:

- NSF- Dolly Dieter, Holly Smith
- NOAA - Barbara Moore



Agenda – January 25th

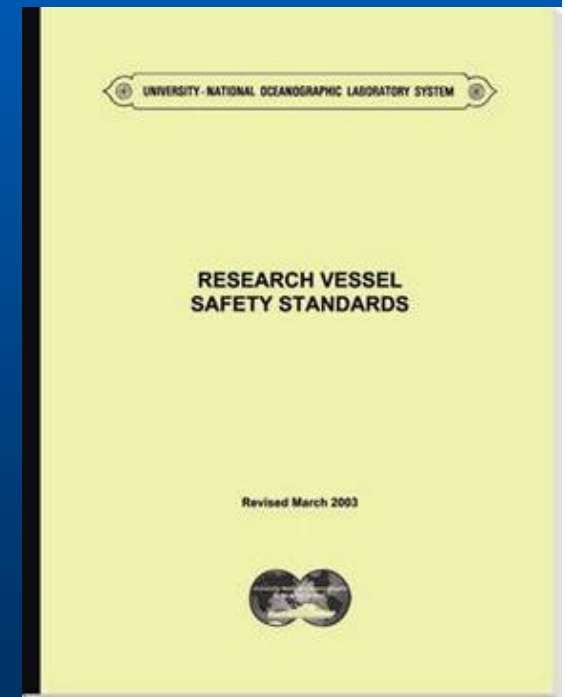
HOV Safety Standards Meeting

- Reports from Agency Representatives (Dolly Dieter (NSF) and Barbara Moore (NOAA) - Project Background. Review draft Task Statement
- Nominate a Committee Chair
- Reports from Human Occupied Vehicle (HOV) Operators
 - Woods Hole Oceanographic Institution (WHOI) - Barrie Walden
 - Hawaii Undersea Research Laboratory (HURL) - Terry Kerby
 - Harbor Branch Oceanographic Institution (HBOI) - Tim Askew
- Discussion on what areas should be addressed by an HOV Safety Standards Document – Brain Storming Session
- Define Committee member writing and research assignments
- Project timeline and future meetings.



Model - Research Vessel Safety Standards

“These standards are based in major part on applicable laws and regulations. In addition and where appropriate, they supplement, extend, and assist in the interpretation of the legal requirements. Nothing herein is intended to conflict with the legal standards, but rather to encourage and assist the operator to not only meet, but to go beyond the legal minimums, as may be desirable and practicable ...:



Document Outline –General Topics

- Certification of the vehicle
- Certification of the ship
 - Submersible Support Ship Procedures
 - ISM and Ship Support
- Certification of the handling system
- Certification of the Operation
 - Operational Guidelines and Limitations
 - Emergency Procedures
- Training
- Science Party Guidelines



Timeline and Meetings

- Timeline: Multi-year (prior to replacement HOV coming into service - 2009?)
- First set of deliverables: before May DESSC Meeting
- Meetings:
 - Phone and Web conferencing – Check in early April
 - Meetings of opportunity? – later, when we have a draft
 - Facility Visits/Tours?



Annual Meeting and Council Elections



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Annual Meeting

- Date: October 6, 2006
- Keynote Speaker Suggestions:
 - Leon Panetta
 - RADM Landay, CNR
 - Others?



2006 Council Elections

- A slate of candidates shall be formed by a Nominating Committee, appointed and announced by the UNOLS Chair.
- The Nominating Committee members shall consist of three members, one from a UNOLS operator institution, one from an institution other than an operator and one from any UNOLS institution.



2006 Council Elections – Terms Expiring (or change in status)

<i>MEMBER</i>	<i>INSTITUTION</i>	<i>POSITION</i>	<i>TERM</i>
Peter Wiebe	Woods Hole Oceanographic Institution	UNOLS Chair	9/02 - 10/06
Marcia McNutt	Monterey Bay Aquarium Research Institute	UNOLS Chair-Elect	10/04 - 10/06
Tim Cowles	Oregon State University	UNOLS Immediate Past Chair	9/98 - 10/06
Curtis Collins	Naval Postgraduate School	Member - Operator	9/00 - 9/06 (2nd)
Wilford Gardner	Texas A & M University	Member - At Large	9/00 - 9/06 (2nd)
Cindy Lee VanDover	College of William and Mary	Member - Non-Operator	9/03 - 9/06





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