

*Agenda*  
**DEep Submergence Science Committee**  
**Woods Hole Oceanographic Institution**  
**Woods Hole, MA**  
**May 18-19, 2010**

**MEETING BEGINS AT 8:30 AM**

**Tuesday, May 18, 2010 - Carriage House**

**0800 Coffee and Pastries**

**0830 Introductory Remarks, Meeting Logistics, Introductions (Peter Girguis)**

- A. Participant Introductions
- B. Accept minutes from December 2009

**0845 Agency and UNOLS Reports**

- A. NSF – Brian Midson
- B. NOAA – Karen Kohanowich
- C. ONR – Tim Schnoor
- D. UNOLS – Annette DeSilva

**0930 National Facility Operators Report**

- A. WHOI Personnel Changes/Introductions and Pilot Status (Rob Munier)
- B. NDSF Vehicle Operations Summary (Rick Chandler):
  - *Alvin*, *Jason*, and *ABE/Sentry*
  - NDSF Support Ships
- C. NDSF Data Management report (Andy Bowen)
  - Archiving status and Revenue Report

**1030 Break**

**1045 NDSF Vehicle Debrief Interviews**

- A. Feedback from recent *Alvin* cruises (Mike Tryon)
  - Response from Andy Bowen
- B. Feedback from recent *Jason* cruise - (Bill Chadwick)
  - Response from Andy Bowen
- C. Feedback from recent *Sentry* cruise (Jeff Karson)
  - Response from Andy Bowen

**1145 Deep Submergence Scheduling: 2011 and Beyond (Liz Caporelli)**

**1200 Lunch Break**

**1300 NDSF AUVs - ABE and Sentry** - The criteria for incorporating new assets into the NDSF <[http://www.unols.org/committees/dessc/CRITERIADOCUMENT\\_062206.PDF](http://www.unols.org/committees/dessc/CRITERIADOCUMENT_062206.PDF)> requires a review of operations after a year in service. The criteria also specify the information that should be provided to DESSC so that the Committee can evaluate the readiness of the asset (in this case *Sentry*) for incorporation into the NDSF. WHOI will provide a written report and *Sentry* document prior to the meeting. Chris German will report followed by DESSC Discussion.

**1345 Upgrades to National Deep Submergence Facility**

- General (Andy Bowen)
- HD Camera Upgrade status (Bill Lange)
- Launch and Recovery System (LARS) for *Jason*. Status, Pros and Cons, impact on turnaround times. (Matt Heintz)

**1430 Break**

**1445 NDSF Image, Film, Data, and Archive Issues:**

- Revisit WHOI's NDSF Archive Policy: <http://www.who.edu/page.do?pid=11037> . Video access policy discussion and WHOI copyright issue (Pete Girguis)
- NDSF Data Management and how that will need to change to be compatible with R2R (Scott McCue and Andy Maffei)
- STCI Proposal Status and Timeline (Andy Maffei & Stace Beaulieu)

**1515 Replacement HOV Project:** Susan Humphris and Kurt Uetz

- Project overview, status, and timeline.
- Science capabilities overview (Review new and cross-deck capabilities)
- Imaging Capabilities
- Dive time and protocols
- Science Sea Trials
- Sphere seating design and arrangements

**1600 Visit the Sphere Mock-Up** – The shuttles will depart from the Carriage House for transportation to the Sphere Mock-Up (in the village).

**1700 DESSC Meeting – Day 1 Adjourns** - The Shuttles return to the Carriage House

*DESSC will have an executive session immediately following the meeting in the Carriage House.*

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**Day Two: Wednesday, May 19 – Clark South, Room 271**

**0800 Coffee and Pastries**

**0830 Day-2 Introductory Remarks** (Pete Girguis)

**0845 Replacement HOV Project** (continued)

- Review community survey response on sphere configuration (Chris German)
- DESSC discussion and recommendations on seating design and arrangements

**0945 Future Directions**

- OOI Facility Planning – Can the current ROV assets meet OOI and non-OOI demands in terms of capabilities and availability? (Deb Kelley and Al Plueddeman)
- How to stimulate new users for NDSF Vehicles (Pete Girguis and All)
- The future size and make-up of the UNOLS Fleet – Implications for NDSF (Rob Munier)

**1045 Break**

**1100 Updates past DESSC Discussion Topics:**

- **NDSF Vehicle Turnaround Times** – The NDSF policy regarding standard turnaround times between vehicle lowerings is available at <http://www.who.edu/page.do?pid=11256>.
- **Mode of Operation for Jason Watches** – Is the continuity between Jason watches improved through a dive cycle.
- **Compile Inventory of Homer Beacon IDs** – Status of Karen Bemis' effort to inventory beacons.
- **Hawaii Mapping Research Group (HMRG) Future** – Status Report.
- **HROV Nereus Update**

**1130 Other business**

- DESSC Membership
- Winter meeting dates
- DESSC members and meeting participants are welcome to report on items of interest.

**1150 Review Meeting Action Items and revisit any agenda items requiring additional discussion**

**1215 DESSC Adjourn**