

June 6, 2008

Tentative Agenda
DEep Submergence Science Committee
Woods Hole Oceanographic Institution
Carriage House
Woods Hole, MA
June 10-11, 2008

A copy of this agenda can be downloaded as a pdf: <200806desag.pdf>

MEETING BEGINS AT 8:30 AM

Day One: Tuesday, June 10, 2008 - Carriage House

0800 Coffee and Pastries

DESSC Joint Session with the Replacement Human Occupied Vehicle Committee

0830 Introductory Remarks, Meeting Logistics, Introductions (D. Kelley & Cindy Van Dover)

- A. Participant Introductions
- B. Review Session Agenda
 - 1. Overview of Project Status (WHOI)
 - 2. RHOC Recommendations from June 9th (Cindy Van Dover)
 - 3. DESSC Discussion and formulation of recommendations

There will be a mid-morning break.

1130 Wrap-up Joint Session – Summarize recommendations

The RHOC will reconvene immediately following the Joint Session (preferably as a working lunch meeting). Since there are a key people who serve both on the RHOC and DESSC, DESSC will take a break during the RHOC meeting.

1200 Lunch Break

DESSC Meeting

1300 Introductory Remarks, Meeting Logistics, Introductions (D. Kelley)

- A. Review Agenda Items
- B. Accept minutes
- C. Review Action Item Status

1315 Agency and UNOLS Reports

- A. NSF – Brian Midson
- B. NOAA – Karen Kohanowich
- C. ONR – Bob Houtman
- D. UNOLS – Vernon Asper

1345 National Facility Operators Report (Bob Detrick/WHOI Personnel)

- A. NDSF Vehicle Operations Summary (R. Chandler):

- *Alvin, Jason, and ABE*
- B. NDSF Data Management report
 - Archiving status
- C. Pilot Status and Personnel

1415 *Break*

1430 **NDSF Vehicle Debrief Interviews**

- A. Feedback from recent Alvin cruises (Mike Tryon)
 - Response from Pat Hickey
- B. Feedback from recent Jason cruise - (Bill Chadwick)
 - Response from Matt Heinz
- C. Feedback from recent ABE cruise (Hedy Edmonds)
 - Response from Rod Catanach (or Dana Yoerger)
- D. General discussion on interview process and tracking from previous debriefs

1545 **Deep Submergence Scheduling: 2009 and Beyond** (Liz Caporelli)

1600 **DESSC Executive Session**

1730 **Adjourn Day 1**

Day Two: Wednesday, June 11, 2008 - Carriage House

0830 **Upgrades to National Deep Submergence Facility (WHOI-DSF Personnel)**

- A. Alvin Upgrades (incl Reson)
- B. Jason Upgrades and new Vans
- C. Sentry Trials
- D. HD Upgrade Project – Implementation
- E. Navigation (Acquisition of two new USBL)

0930 **Reports and Discussions on DESSC related activities and Issues**

- Establishing Safety Standards for the use of Human Occupied Vehicles (Craig Young)
- Winter Meeting Strategies – Agenda and forums

1000 *Mid-Morning Break*

1020 **Session - Strategic Planning for the Future – Introduction (Deb Kelley)**

- What are the Federal funding projections for support of deep submergence science?
- What are the new directions in Science that are emerging?
- How are we going to schedule the vehicles
- What are the additional technologies we are going to need?
- Where are the new users going to be coming from? Who are the next generation of Science Users (Chris German)
 - Profiles of current usage
 - Examples of recent “new users”

- 1040 Federal Funding: Agency representatives will be asked to comment on funding projections and future initiatives within their respective agencies:
- NOAA Office of Ocean Exploration and Research (OER) – How will OER utilize the NDSF Assets? - Karen Kohanowich
 - NSF Ocean Sciences – Brian Midson
 - ONR
- 1110 New Science Directions
- Polar Research – Hedy Edmonds (AICC perspective) and Alex Isern
- 1230 Lunch**
- 1330 New Science Directions (*continued*)
- A recap of Science Drivers discussed in the Technical Advancement of Remotely Operated Vehicles & Submersibles Workshop (Deb Kelley)
 - ISS sites/exploration
 - Mooring Requirements
 - CORKS/IODP
 - Biology
 - Regional Scale Network
 - Margins - ?
 - Ultra-Slow Ridges - ?
- 1430 Break**
- 1445 New Technological Needs (Open Discussion)
- Do we have the right vehicles for all circumstances?
 - What new technologies do we need on those vehicles?
- 1545 Other Reports – There will be an opportunity during the meeting for participants to report on:**
- Outreach and Education Programs
 - Operational Summary and Collaborations with Other Deep Submergence Activities
- 1615 Other business**
- DESSC Membership
 - DESSC members and meeting participants are welcome to report on items of interest.
- 1630 Review Meeting Action Items**
- 1645 DESSC Adjourn**

DESSC will have a brief executive session immediately following the meeting