

Revised: June 9, 2005

*Tentative Agenda*

**DEep Submergence Science Committee  
Woods Hole Oceanographic Institution  
Carriage House  
Woods Hole, MA  
June 13-14, 2005**

**MEETING BEGINS AT 8:30 AM**A pdf version of this agenda can be downloaded by clicking <[200506desag.pdf](#)>**Notice to Meeting Participants****On Day-1 please park in the Clark parking lot (blue star).****Day One: Monday, June 13, 2005****0800 Coffee and Pastries****0830 Introductory Remarks, Meeting Logistics, Introductions (D. Kelley)**

- A. Review Agenda Items and Revise as Needed
- B. Accept minutes:
  - [December 2004 - DESSC Annual Community Meeting](#)
  - [May 2004 - DESSC Meeting](#)

**0845 Agency and UNOLS Reports**

- A. NSF -Dolly Dieter -Budget, funding decisions and impact on facility scheduling
- B. NOAA -Barbara Moore
- C. UNOLS -Peter Wiebe
  - Budget Shortfalls and Impact on 2006 Ship Use
  - UNOLS Long-Range Fleet Improvement Plan

**0945 National Facility Operators Report (R. Detrick/WHOI Personnel)**

- A. NDSF Vehicle Operations Summary:
  - *Alvin* (R. Chandler)
  - ROVs (R. Chandler)
  - NDSF Support Ships - *Atlantis* and Other Global UNOLS vessel operations (Liz Caporelli)
- B. Status report on the archiving of all deep submergence data in the WHOI archives (M. Tivey)
- C. Update of NDSF-related WHOI Activities (R. Detrick)
  - Status of internal WHOI Access to the Sea Task Force (as related to NDSF)

**1030 Mid-morning break****1045 Upgrades to National Deep Submergence Facility (WHOI-NDSF Personnel)**

- A. *Atlantis* Improvements status (A. Suchy)
- B. ROV Control Van Upgrades (A. Bowen)
- C. *Medea* Modifications (A. Bowen)
- D. Slurp Gun fabrication update (A. Bowen)
- E. *Alvin* Upgrades and Operational Issues (D. Foster)
  - Sub-bottom Profiler System

- Battery Power
- F. *Alvin* Overhaul (D. Foster)
  - Timeline
  - Work Plans (WHOI)
  - Testing of Equipment for Replacement HOV
  - Improvement/Upgrade Suggestions - DESSC Discussion
- G. Status of Third Party Tools
  - Rock Drill Proposal to transfer drill from MBARI to 3<sup>rd</sup> Party Tool (M. Tivey)
  - Others?
- H. Annual request for upgrades to science sensors and operational capabilities of NDSF vehicles - DESSC input for future improvements

**1200 Lunch Break**

**1300 Deep Submergence Scheduling and Related Issues: 2006 and Beyond**

- A. Review straw man schedule for 2006 and beyond (Liz Caporelli)
- B. Review of facility requests and identification of funded programs (A. DeSilva)

**1320 Replacement HOV Update:**

- A. Design Status (R. Brown)
- B. Replacement HOV Oversight Committee Report (K. Von Damm)

**1410 Establishing Safety Standards for the use of Human Occupied Vehicles (E. Dieter & B. Moore)**

**1435 Mid-Afternoon Break**

**1455 AUV Status (D. Yoerger)**

- *ABE*
- *Sentry*

**1515 Establishing Criteria for bringing New Assets into the NDSF including day rate considerations (D. Kelley)**

**1600 DESSC Executive Session**

**1700 Adjourn Day 1**

---

**Evening Reception  
5:15 pm**

Woods Hole Oceanographic Institution will host an Evening Reception  
DESSC Meeting Participants are Invited  
Clark Building, 5<sup>th</sup> Floor

---

Day Two: Tuesday, June 14, 2005 - **On Day-2 please park in the Carriage House parking lot (red star).**

**MEETING BEGINS AT 8:30 AM****0800 Coffee and Pastries****0830 Day 2 -Opening Comments** (D. Kelley)**0835 HROV Status Report** (A. Bowen)**0900 Long-Range Planning Issues**

- A. Shallow Submergence Science Committee -Future Plans (C. Young)
- B. DESSC 3-Year Agenda- Items from Spring 2004 <[200405desap06.pdf](#)>
- C. Future global deep submergence initiatives
  - RIDGE2000 - (D. Kelley)
  - Margins - ??
  - Observatories (R. Detrick)

**1000 Winter Meeting Strategies**

- A. Fall AGU - 5-9 Dec 2005, San Francisco, CA:
  - No DESSC Meeting
  - RIDGE2K Special Session - NDSF Vehicle posters
- B. 2006 Ocean Sciences Meeting, AGU/ASLO -20-24 Feb. 2006, Honolulu, HI
  - Special Session?
  - Training Session?

**1025 Mid-morning Break****1045 Outreach, Education and Archeology**

- A. Archeology (D. Mindell)
- B. RIDGE Lectureship Program (D. Kelley)
- C. Other Items?

**1105 Operational Summary and Collaborations with Other Deep Submergence Activities** (D. Kelley)

- A. MBARI (M. Chaffey)
- B. China -COMRA (M. Tivey)
- C. Japan -JAMSTEC (M. Tivey)
- D. ROPOS (M. Tivey)
- E. HBOI
- F. NURP & Ocean Exploration
- G. HURL
- H. MPL (ATV)
- I. Navy
- J. Korea - KORDI

**1130 Other business**

- A. **DESSC Membership - Discussion of replacements:**
  - Dave Mindell - completes 2<sup>nd</sup> term 9/05
  - Hedy Edmonds - completes 1<sup>st</sup> term 9/05

**1150 Review Meeting Action Items**

- A. Establishing Criteria for bringing New Assets into the NDSF - next steps (D. Kelley)

B. Other Actions

**1200 *DESSC Adjourn***

---

***AUV Sentry Visit***

Following the DESSC meeting, participants are invited to visit WHOI's AUV *Sentry* system.  
Transportation arrangements to Woods Hole village will be discussed at the meeting