

May 29, 2003

**DEep Submergence Science Committee****Woods Hole Oceanographic Institution****Clark Building, Room 509****11-12 June 2003****MEETING BEGINS AT 8:30 AM****Day One: Wednesday, 11 June 2003****0800 Coffee and Pastries****0830 Introductory Remarks, Meeting Logistics, Introductions, Any Changes to Agenda Items, Accept minutes (Fryer)****0845 Agency and UNOLS Reports**

A. NSF – Mike Reeve (comments on post cruise NDSF assessment)

B. NOAA – Barbara Moore

C. UNOLS – Peter Wiebe

**0915 Science Reports** – Patty Fryer and Debbie Kelley will report on their recent cruises:

- Patty Fryer – THOMPSON/Jason 2
- Debbie Kelley – ATLANTIS/ALVIN

**0930 National Facility Operators Report (Pittenger/WHOI Personnel)**

A. NDSF Vehicle Operations Summary

B. Status report on the archiving of all deep submergence data in the WHOI archives (Fornari)

**0955 Upgrades to National Facility Vehicles, Science Sensors, and ATLANTIS (WHOI-DSF Personnel)**

A. ALVIN and ROV equipment and operations

B. ATLANTIS Improvements status

**1015 *Mid-morning break*****1030 Upgrades to NDSF (continued)**

C. Annual request for upgrades to science sensors and operational capabilities of NDSF vehicles - joint WHOI/DESSC (biology input responses)

D. Status of Rock Drill Proposal

E. Tool Sleds and Third Party Tools – Compatibility with other deep submergence facilities

### **1100 Deep Submergence Scheduling: 2004 and Beyond**

A. Review of facility requests and identification of funded programs (DeSilva)

B. Review strawman schedule for 2004 and beyond (Alberts)

**1115 Winter Meeting Strategies** – There will be no agency funding to support a DESSC meeting at the San Francisco Fall AGU meeting. The agencies are willing to support a DESSC meeting at one of the winter biology meetings.

A. Discuss DESSC participation at:

a. Fall AGU – 8-12 Dec 2003, San Francisco, CA

i. Session Proposals – 20 May 2003

ii. On-line Abstracts – 4 September

b. 2004 Ocean Sciences Meeting, AGU – 26-30 Jan 2004, Portland, OR

i. Session Proposals – 14 May 2003

ii. Abstracts – 16 Oct

c. 2004 Ocean Research Conference, ASLO – 15-20 Feb 2004, Honolulu, HI

i. Session Proposals – 27 May, 2003

B. Identify potential presenters

a. New ALVIN paper/poster

b. Jason 2 capabilities and initial operations

### **1200 Lunch Break**

**1300 OSB Committee on Future Deep Submergence Facility Needs - Meeting review and tasking of DESSC for responses.** (This topic will be revisited on 6/12)

### **1400 Long-Range Planning Issues**

A. Science/logistical constraints, different vehicle requests - Additional Long-Range Planning and dissemination of funded programs information to potential PIs.

**B. Future global deep submergence initiatives**

- a. RIDGE2000
- b. Margins
- c. Observatories

**1430 Break**

**1445 UNOLS Working Group on Ocean Observatory Facility Needs** (as they relate to deep submergence facilities)

**1505 Outreach, Education and Archeology**

- A. Archeology
- B. RIDGE Lectureship Program (Dan)
- C. NDSF DVD (Dan's NSF presentation)
- D. Other Items

**1545 Discussion of replacements on the DESSC.** Mark Chaffey will complete his first term.

**1600 WHOI Reports (J. Luyten):**

- NDSF and WHOI Marine Operations (F. Sayles) Committee Recommendations
- NDSF Chief Scientist Replacement

**1620 Operational Summary of Other Deep Submergence Activities (Fryer)**

- A. MBARI – Mark Chaffey
- B. MPL (ATV?)
- C. Navy
- D. NURP & Ocean Exploration
- E. ROPOS
- F. HURL
- G. HBOI (defer to 6/12)

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**Day Two: Thursday, 12 June 2003**

**MEETING BEGINS AT 8:30 AM**

WHOI, Clark 509

**0800 Coffee and Pastries**

**0830 Review of Day-One Discussions** (Fryer)

**0845 Other Facilities: HBOI report** (Shirley Pomponi)

**0855 SSSC update** (Shirley Pomponi)

**0915 New Alvin Construction Advisory Committee update** (NADAC will meet at 1230 in the PM)

**1015 Mid-morning Break**

**1030 OSB Committee tasking from the Future of Deep Submergence Science study. DESSC preparation of written responses.**

**1145 Other business**

**1200 DESSC Adjourn**

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**1230 NADAC Meeting, Clark 509**