

Revised: November 16, 2012

Tentative Agenda
UNOLS DEep Submergence Science Committee (DESSC)
Annual Community Meeting
Sunday, December 2, 2012

Location:
Parc 55 Wyndham Hotel - Embarcadero Room
55 Cyril Magnin St., San Francisco, CA

The UNOLS Deep Submergence Science Committee (DESSC) invites you to attend their fall meeting. Ocean scientists and students interested in deep submergence science are especially encouraged to attend the DESSC meeting.

Please RSVP by contacting the UNOLS Office at office@unols.org.

- 8:30 am Coffee and Pastries**
- 9:00 am Introductory Remarks, Meeting Logistics, Introductions** (Peter Girguis, DESSC Chair)
- Review Agenda Items
 - Introductions of DESSC members
 - NDSF/DESSC Highlights and Accomplishments
- 9:20 am Brief Introductions of Students and Early Career Scientists**
- 9:30 am Agency Introductions and Reports**
- NSF Report (Brian Midson)
 - Navy Report (Tim Schnoor)
 - NOAA Report and *Okeanos Explorer* Update (Tim Arcano)
 - UNOLS Announcements (Peter Ortner)
- 10:00 am Student and Early Career Scientist Presentations - Session I**
- *Presentations of their background, research interests, and collaborative opportunities*
- 10:20 am Break**
- 10:40 am NDSF 2012 Vehicle Operations Summary** – (Rick Chandler)
- 11:00 am PI Reports**
- *Jason*
 - *Sentry*
 - Other facilities [Please note: Science users of other facilities must notify Annette DeSilva <office@unols.org> by November 23th to be included on the agenda.]
- 11:30 am National Facility Operators Report** (WHOI)
- NDSF Announcements (Rob Munier)
 - Summary of Upgrades to NDSF vehicles (Andy Bowen)
 - *Sentry*
 - *Jason*
 - Deep Submergence Scheduling: 2013 and Beyond

12:00 pm *Lunch Break*

1:30 pm **NDSF Vehicle Debrief Interviews**

- Summary of issues identified in all debrief interviews (Vicky Ferrini and Wiebke Ziebis)
- Summary of WHOI's Response to debriefs (Andy Bowen)

2:00 pm **DeSSC's Early Career Scientist/Student Program** – Program assistants (Dr. Karyn Rogers and Kiana Frank) will provide a brief summary of the activities, discussions, and highlights.

2:10 pm **Student and Early Career Scientist Presentations - Session II**

- *Presentations of their background, research interests, and collaborative opportunities*

2:30 pm *Break*

2:50 pm **Status Report on the Alvin Upgrade Project** - Join us in learning the latest details about the project including:

- Introduction (Brian Midson, NSF)
- Project highlights, challenges and timeline (Susan Humphris, WHOI)
- Science Verification Cruise (Pete Girguis/Brian Midson)

3:45 pm **Emerging technologies outside of the NDSF**

- HURL, the ALOHA Cabled Observatory, and U. Hawaii's new deep ROV – Bruce Howe and John Wiltshire (15 minutes)
- URI Inner Space Center: Tele-presence Technology and facilitating real-time participation in ocean research cruises – Dwight Coleman (10 minutes)
- Scripps Institution of Oceanography's new ROV (5 minutes)
- Nereus – Andy Bowen (5 minutes)
- Nereid Under Ice Update – Andy Bowen (5 minutes)
- AUV-ASV Integration – Chris German (5 minutes)
- Ocean Observing Initiative (OOI) (5 minutes)

4:35 pm **Open Forum**

Meeting participants will have an opportunity to raise questions and provide comments regarding NDSF and DESSC activities. We hope that new investigators or young investigators will join in this discussion period.

5:00 pm *Adjourn*