

Revised: June 26, 2018

**Agenda**  
**Deep Submergence Science Committee**  
**Woods Hole Oceanographic Institution**  
**Carriage House**  
**Woods Hole, MA**  
**June 27-28, 2017**

**For those joining by Webex, the Log-in details are:**

Click on:

<https://unols.webex.com/unols/j.php?MTID=m791058362625290f93f738bc894190ad>

Password: subs2018

1-877-668-4490 Call-in toll-free number (US/Canada)

Access code: 806 531 136

**Wednesday, June 27<sup>th</sup>**

**0800 Coffee**

**0830 Introductory Remarks, Meeting Logistics, Introductions (Anna-Louise Reysenbach)**

- Participant Introductions
- Review meeting agenda

**0845 Agency and UNOLS Reports**

- NSF (Brian Midson)
- ONR (Tim Schnoor)
- NOAA (CDR Bill Mowitt)
- UNOLS (Annette DeSilva)

**0925 NDSF Deep Submergence Vehicle Operations & Scheduling**

- NDSF Vehicle Operations Summary (Masako Tominaga)
  - *Alvin, Jason, and Sentry*
- 2019 and Beyond (Kerry Strom)
- Update on R/V *Atlantis* mid-life refit (Al Suchy/Tim Twomey)
- NDSF Vehicle Utilization Discussion (Adam Soule)

**1005 Break**

**1025 NDSF Vehicle Debrief Interviews & Post Cruise Assessment Reports (PCAR)**

- Summary of issues identified in *Sentry, Jason, and Alvin* debrief interviews
  - *Sentry* (Scott White; 10 min)
  - *Jason* (David Emerson; 10 min)
- Discussion on format and content of debrief summary report at December meeting.

**1055 National Deep Submergence Facility Update** (this includes WHOI's corrective actions to the debriefs) (Andy Bowen)

- Facility update
- New NDSF website design and contents (WHOI Communications Office)
- *Jason*
- *Sentry*
- *Alvin*

**1135 National Deep Submergence Facility (NDSF) Operator's Report**

- Introductory Remarks and Announcements (Rob Munier)
- Report on income from NDSF image use – WHOI

**1200 Lunch Break**

**1250 The future of NDSF Multibeam** (Carl Kaiser)

**1300 DeSSC Activity Reports (Part 1):**

- 1300 Draft a paper providing justification for deep submergence access that is greater than 4500m – Adam Soule
- 1310 Determine how *Alvin's* use can be optimized and then convey that to the community. Adam Soule will provide an introduction, followed by open discussion. Suggested strategies:
  - Publish an Eos Article.
  - Tandem use of *Sentry* and *Alvin*
  - Identify programs that need *Alvin*. Engage the community.
  - Create a users guide that compares the capabilities of the platforms so users will understand what vehicle is optimal for their research operations.
- 1350 NDSF Boot-camp and Outreach in General – Adam Soule

**1400 Emerging technologies and Broader Activities**

- Ocean Observing Initiative (Brian Midson; 10 min)
- Autonomous Surface Vehicle tender for *Sentry* (Andy Bowen; 5 min)
- *Nereid* Under Ice, *Nereid* Hybrid Tether (Andy Bowen; 5 min)
- ROV Development and Operation Updates:
  - U. Hawaii ROV (Brian Glazer; 5 min)
  - Scripps Institution of Oceanography ROV (5 min)
  - Schmidt Ocean Institute 4500 m ROV (Errol Campbell; 10 min)
- *Pisces* Submersibles – Amy Baco-Taylor (10 min)

**1450 Break**

**1510 Brainstorm Session 1: Follow-up from Fall DeSSC meeting suggestions –**

- Recap the community suggestions from the Fall DeSSC meeting (Anna-Louise Reysenbach)
- Identify future DeSSC Initiatives

**1615 Adjourn Day 1**

**1630 - DESSC Executive Session**

- DeSSC Membership Review
- DeSSC Positions and Assignments:
  - Vehicle friends – Alvin (Amanda), Jason (David), Sentry (Scott)
  - New User Program – Brian Glazer, Vicki Ferrini, and Karyn Rogers
  - Data Management – Vicki Ferrini
  - Outreach / Facebook – Nick Hayman
  - Vice Chair Position and Assignment
  - Early career champion
- Discussion

---

**Day Two: Thursday, June 28th**

**0800 Coffee**

**0830 Day-2 Introductory Remarks (Anna-Louise Reysenbach)**

- Recap of Day 1, including the executive session

**0845 DeSSC Activity Reports (Part 2):**

- 0845 DeSSC Subcommittee on Telepresence-Enabled Science Missions Report (Nick Hayman & Dave Emerson)
- 0855 DESSC interest in Deep-Sea Mining/ISA initiative (Cindy Van Dover)
- 0905 InterRidge – US Representative and Future Plans (Anna-Louise Reysenbach)
- 0915 Video Standards and Data Management (Vicki Ferrini)
  - Video Workshop Project
  - Data Management Update
- 0930 NDSF Coordinating with Polar Scientists (Annette DeSilva)
- 0935 USBLs on UNOLS Vessels (Alice Doyle)

**0945 Brainstorm Session 2: Follow-up from Fall DeSSC meeting suggestions.** Is there potential for an RCN? (Anna-Louise Reysenbach)

**1105 Other business**

- Winter DESSC Meeting – Discussion on date, venue, session themes, format, DeSSC member attendance
- DESSC members and meeting participants are welcome to report on items of interest

**1200 Adjourn**