

Revised: May 13, 2016

Tentative Agenda
Deep Submergence Science Committee
Woods Hole Oceanographic Institution
LOSOS Conference Room – Quissett Campus
Woods Hole, MA
May 18-19, 2016

Wednesday, May 18th

0800 Coffee

0830 Introductory Remarks, Meeting Logistics, Introductions (Peter Girguis)

- Participant Introductions
- Review meeting agenda

0845 Agency and UNOLS Reports

- NSF (Brian Midson)
- ONR (Tim Schnoor)
- NOAA (Alan Leonardi)
- UNOLS (Annette DeSilva)

0915 National Deep Submergence Facility (NDSF) Operator's Report

- Introductory Remarks and Announcements (Rob Munier)
- *Atlantis/Sentry* cruise supporting NTSB's *El Faro* investigation (Rob Munier)
- NDSF Vehicle Operations Summary (Lisa Smith)
 - *Alvin, Jason, and Sentry*

1000 NDSF Deep Submergence Vehicle Scheduling

- 2017 and Beyond (Kerry Strom)
- NDSF Vehicle Utilization Discussion

1015 Break

1030 NDSF Vehicle Debrief Interviews & Post Cruise Assessment Reports (PCAR)

- Summary of issues identified in *Sentry, Jason, and Alvin* debrief interviews
 - *Sentry* (Vicki Ferrini; 10 min)
 - *Alvin* (Amanda Demopoulos; 10 min)
 - *Jason* (David Emerson; 10 min)
- Summary of corrective actions to debriefs (Andy Bowen; 15 min)
- *Sentry Friend* – position will open in the fall

1115 Upgrades to National Deep Submergence Facility (Andy Bowen)

- *Jason*
- *Sentry*
- *Alvin*

1200 Lunch Break

1300 NDSF Video and Data Management (Vicki Ferrini; 20 min)

- Data management update
- Video Workshop (June 2016)

1320 DeSSC's New User and Early Career Scientist Programs

- *Atlantis/Alvin/Telepresence* Chief Scientist Training Cruise (Cindy Van Dover/Adam Soule; 20 min)
- 2016 New User Program at AGU (Vicki Ferrini; 10 min)

1350 New UNOLS Vessels and Support of NDSF Operations

- *R/V Armstrong* Science Verification Cruise w.r.t. deep submergence vehicles (Rob Munier; 20 min)
- How to carry out future cruises that use NDSF vehicles with smaller science parties (Pete Girguis/Adam Soule; 20 min)

1430 Break

1500 Deep Submergence Science – the next 5 years

- DESCEND2 Workshop – Preliminary Findings (Pete Girguis; 20 min)

1520 Open discussion

1600 Adjourn Day 1

1600 - DESSC Executive Session

- DeSSC Nominations (inc. chair)
 - [DeSSC Terms of Reference](#)
 - DeSSC Positions and Assignments:
 - Vehicle friends – Alvin (Amanda), Jason (David), Sentry (Vicki)
 - New User Program – Vicki Ferrini and Karyn Rogers
 - Vice Chair Position and Assignment
 - Early career champion
 - Outreach / Facebook
 - Discussion
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Day Two: Thursday, May 19th

0800 Coffee

0830 Day-2 Introductory Remarks (Pete Girguis)

- Recap of Day 1, inc. executive session

0845 Emerging technologies and Broader Activities

- Ocean Observing Initiative (Brian Midson; 5 min)
- Coordinating with the polar group at AGU (Adam Soule; 5 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 (John Wiltshire; 5 min)
 - Scripps Institution of Oceanography ROV (TBD; 5 min)
 - Schmidt Ocean Institute 4500 m ROV (Pete Girguis; 5 min)
- Questions about emerging technologies, etc. (10 min)

1030 Break

1050 Other business

- Winter DESSC Meeting - date, venue, session themes, format (5 min)
- DESSC members and meeting participants are welcome to report on items of interest (5 min)

1200 Adjourn