

Revised: December 9, 2015

Tentative Agenda
UNOLS Deep Submergence Science Committee (DeSSC)
Annual Community Meeting
Sunday, December 13, 2015

Location:

San Francisco Marriott Marquis - Room: Salon 9
780 Mission Street, San Francisco, CA 94103 USA

Please RSVP the UNOLS Office at <https://www.surveymonkey.com/r/DeSSCWinter2015> by December 6th if you plan to attend the meeting. Thank you!

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
- Meeting Displays & Posters
- DESCNED-2 Workshop

9:25 am Brief Introductions of Students, Early Career Scientists, and New-Users

9:35 am Agency Introductions and Reports

- NSF Report (Brian Midson)
- NOAA Report (Elizabeth (Meme) Lobecker)
- UNOLS Announcements (Chris Measures)

10:00 am New-Users and Early Career Scientist Presentations - Session I

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

10:30 am Break

10:45 am NDSF 2015 Vehicle Operations Summary (Lisa Smith)

11:00 am PI Reports

- *Jason, Sentry and Alvin*
- Other facilities [Please note: Science users of other facilities must notify Annette DeSilva <office@unols.org> by December 1st to be included on the agenda.]

11:30 am National Facility Operators Report (WHOI)

- NDSF Announcements (Rob Munier)
- Announcement of *Nereus* Legacy Fund (Rob Munier)
- Summary of Upgrades to NDSF vehicles: *Sentry, Jason, and Alvin* (Andy Bowen)

12:00 pm Lunch Break

1:15 pm Deep Submergence Scheduling:

- 2016 Operations and beyond (WHOI)

1:30 pm NDSF Vehicle Debrief Interviews & Post Cruise Assessment Reports

- Introduction of the NDSF Post Cruise Assessment Report Form – Pete Girguis
- Summary of issues identified in NDSF debrief interviews and corrective actions (Vicki Ferrini and David Emerson)
- Opportunity for WHOI comment (Andy Bowen)

2:00 pm NDSF Data Management Update (Vicki Ferrini)

2:15 pm DeSSC's New-User Programs – Steering Committee member, Karyn Rogers, will provide a brief summary of the activities, discussions, and highlights; including this year's *Alvin* Boot Camp program.

2:25 pm New-Users and Early Career Scientist Presentations - Session II

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

2:45 pm Break

3:00 pm Emerging technologies and Broader Activities

- Developing a manipulator held 'drill' to take multiple rock core samples – Dan Fornari. (15 minutes)
- Ocean Observing Initiative (OOI) Regional Scale Node (RSN) – Deb Kelley (15 min)
- NSF-INSPIRE project, TREET – Chris German (5 min)
- NDSF Coordination with the Polar Working Group – Pete Girguis (5 min)
- R/V *Nautilus* & Open Access for Biological Samples – Pete Girguis (5 minutes)
- Telepresence Guidance For Scientists And Ship Operators – Dwight Coleman (5 min)
- Autonomous Surface Vehicle tender for Sentry – Andy Bowen (5 min)
- Nerid Under Ice, Nereid Hybrid Tether – Andy Bowen (5 min)
- AIVL high resolution imaging systems available for deep submergence vehicles – Adam Soule on behalf of Bill Lange (5 min)
- Ocean Observing Initiative – Brian Midson (5 min)
- ROV Development and Operation Updates:
 - U. Hawaii ROV - Bruce Howe
 - Scripps Institution of Oceanography ROV – Bruce Appelgate (5 min)
 - Schmidt Ocean Institute– Victor Zykov (5 min)
- Pelagic ROV Operations and "Odysseus" – Edward R. Cassano (5 min)

4:30 pm Open Discussion

4:55 pm Closing Remarks (Pete Girguis)

5:00 pm Adjourn