

Revised: June 6, 2012

Tentative Agenda
DEep Submergence Science Committee
Woods Hole Oceanographic Institution
Carriage House – Quissett Campus
Woods Hole, MA

June 13-14, 2012

MEETING BEGINS AT 8:30 AM

Wednesday, June 13, 2012 – Carriage House

0800 Coffee and Pastries

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

- Participant Introductions
- Review meeting agenda

0845 Agency and UNOLS Reports

- NSF – Brian Midson
- NOAA – Catalina Martinez
- ONR
- UNOLS – Bruce Corliss

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

- Introductory Remarks and Announcements (Rob Munier)
- NDSF Vehicle Operations Summary (Rick Chandler):
 - *Jason*, and *Sentry*
 - NDSF Support Ships
- Deep Submergence Scheduling: 2012 and Beyond (Eric Benway)

1000 Break

1015 NDSF Vehicle Debrief Interviews

- Feedback from *Jason* cruises (Wiebke Ziebis)
- Feedback from *Sentry* cruises (Vicki Ferrini)
- Operator's Response (Andy Bowen)

1100 Upgrades to National Deep Submergence Facility

- *Jason* upgrades, incl. LARS (Matt Heintz)
- *Sentry* upgrades, incl. CHIRP & Sidescan (Carl Kaiser)
- Navigation (James Kinsey)
- *Jason* HDTV camera study (Jon Howland)

1200 *Lunch Break*

1300 **NDSF Data Management Review** – A report on NDSF data management issues and the priorities for the path forward (Andy Maffei and Vicki Ferrini)

1400 *Break*

1415 **Alvin Upgrade Project**

- Report (Kurt Uetz)
- Discussion

1500 *Alvin Science Verification Cruise* – Cruise Planning (Brian Midson/Pete Girguis)

1545 **Nereus and NereidUI Update** (Andy Bowen)

1600 **Follow-up on Recommendations from Previous DESSC Meetings** - The recommendations include the follow items. Additional details about these recommendations are appended to this agenda. – Pete Girguis

- Imaging Copyright and Attribution (Fritz Heide)
- Sentry Report
- HD Camera Specifications
- Optimizing the use of technologies like imaging, sonar, etc.

1645 *DESSC Meeting – Day 1 Adjourns*

DESSC will have an executive session immediately following the meeting.

Day Two: Thursday, June 14 – Carriage House

0800 **Coffee and Pastries**

0830 **Day-2 Introductory Remarks** (Pete Girguis)

0845 **NOAA Office of Ocean Exploration and Research** – Remarks from Tim Arcano, NOAA OER Director (via phone)

0900 **DESSC Outreach and Engaging New Users of NDSF** – Day 2 of the meeting will focus on DESSC outreach strategies and engaging new users of the NDSF. The following topics are suggested as discussion points:

- **Early Career Scientist Workshop** – A brief recap of the 2011 Workshop and suggestions for future “new user” workshop in 2012 and at national conferences (Chris German and Pete Girguis)

- **DESSC Outreach Tools:**
 - Outreach Vision – Thoughts regarding tools and content (Marsh Youngbluth)
 - An introduction to some of the outreach tools in use, underdevelopment or planned by the Inner Space Center - Kiosks, Mobile Device Applications, EBooks, etc (Dwight Coleman/Chris Knowlton)

1015 – Mid Morning Break

- **DESSC Fall Meeting Webinar** – Discussion on broadcasting the Fall DESSC meeting by Webinar - Topics, organizing, effective presentations, advertising. (Pete Girguis)
- **New Initiatives requiring deep submergence assets**
 - **OOI and DESSC/OOSC Liaison** (Pete Girguis and Annette DeSilva)
 - **Other initiatives** (Chris German)
 - - FESD
 - - Schmidt Ocean Institute
- **Raising community awareness via email updates** – expanding the e-mail UNOLS email list (Annette DeSilva)
- **Social Media** – Facebook and Twitter (Annette DeSilva)
- **DESSC Webpage** – Content suggestions and an additional page that focuses on early career investigators (Annette DeSilva)
- **DESSC lectures at other forums** – DESSC member participation – (Pete Girguis)

1115 Other business

- Deep Submergence Expert Advisors – Are there any topics from the meeting’s discussions that would benefit by expert advice? (Pete Girguis). DESSC Membership
- Winter meeting date, session themes, format
- DESSC members and meeting participants are welcome to report on items of interest.

1200 *Adjourn*

1215 Tour Options:

- *Sentry* and *Nereus* – Blake Building (Carl Kaiser; Andy Bowen)
- High-Bay - *Alvin* Sphere mock-up and Frame mock-up (Kurt Uetz; Anthony Tarantino)

DESSC Recommendations and Suggestions

Over the past year, during meetings and phone conferences, the following recommendations were made by DESSC members. The status and any required follow-on actions will be discussed.

Imaging Copyright and Attribution:

- Request that WHOI/Chris finalize the draft policy on attribution based on the DESSC meeting discussions (recognition for Chief Sci/inst)
- WHOI should keep Chief Scientists informed about who is using their images that are in archive and how their images are being used.
- WHOI should add a brief statement at the top of the copyright policy that explains the purpose and application of the copyright (images cannot be sold, WHOI holds the copyright, and the copyright basically applies to commercial use of the images).

Sentry Follow-Up:

- In accordance with the Criteria for adding assets to NDSF, WHOI provided a report on Sentry's first year of operations in Nov 2011. DESSC review is required.
- Request that WHOI update the Sentry website and better disseminate this information. The pages should include personnel contacts.

HD Camera Specifications – WHOI should alert the science users that the resolution of the Still Images from the HD Video cameras is 2 Megapixels. If higher resolution is needed, use the Still camera.

Optimizing the use of Technologies (Imaging, sonar, etc.) – It has been recommended that WHOI post a list of personnel on their website who are experts on particular topics and could be collaborators/hired to assist scientists with particular tasks during their expeditions.

DESSC and OOSC – Should there be a closer liaison between the two committees?