

Tentative Agenda
UNOLS Fleet Improvement Committee Meeting
Tuesday, November 29, 2016
The Holiday Inn at Ballston - Ballroom
4610 North Fairfax Drive , Arlington, VA 22203

Important Note: If you plan to attend the Council Meeting, please RSVP the UNOLS Office at https://www.surveymonkey.com/r/2016_RSVP_FIC_Council_Annual by November 18th.

0830 *Coffee*

0900 **Call the Meeting:** Jim Swift, FIC Chair, will call the meeting to order, outline focus areas for the day, and provide an opportunity for introductions.

0915 **Opportunity for Agency and Guest Comments**

0930 **Ship Design, Construction, Science Verifications, Refit, and Repair Activities:**

- Brief reports on federal construction efforts – Agency representatives and FIC meeting participants are encouraged to discuss any issues or questions that may affect future fleet planning and scheduling [Please note - Full reports will be given during the Annual Meeting on November 30 - December 1]:
 - Ocean Class Research Vessel (OCRV) – R/V *Neil Armstrong* and R/V *Sally Ride* (10 minutes) – Tim Schnoor/Mike Prince
 - Regional Class Research Vessel (RCRV) (5 minutes) – Brian Midson
- **Mid-Life Refit Plans for *Thompson, Revelle, and Atlantis*** (10 minutes) – Tim Schnoor and Doug Russell
- **Engine Control and other modifications on R/V *Kilo Moana*** (5 minutes) Tim Schnoor and Sandy Shor
- **R/V *Barnes* Replacement Plans** – Rick Keil (5 minutes)
- **Status of a California state effort to acquire a vessel to replace *Robert Gordon Sproul*** – Jim Swift (5 minutes)
- **Polar Vessels – Update on future design/construction activities** – Tim McGovern (10 minutes)

1020 *Break*

1040 **R/V *Langseth* & MLSOC/FIC Liaison Report** – Bob Houtman, Sean Higgins?

- General discussion on *Langseth* operations and future plans.

1050 **Review Fleet Projected Service Life End Dates, FOY Ranges, STRS Revisions**

- Review Fleet Projected Service Life End Dates - Annette DeSilva
- Ship Service Life Memos – NSF & ONR
- Full Optimal Year Range Definitions – Annette DeSilva
- Modification of UNOLS STRS Schedules to Account for each Calendar Day – Jon Alberts

1125 Science Verification Cruises and Post-cruise feedback on *Sikuliaq*, *Armstrong* and *Ride* as they enter into science operations

- Review Science Verification Cruise assessments
- Discuss debrief summary reports.
- Feedback reports to operator and PIs
- Review 2017 schedules and make assignments

1215 *Lunch*

1330 New Technologies and System Evaluations:

- SIO and Univ. of Hawaii ROV updates – Annette DeSilva and Scott Ferguson (5 min)
- The status of the Research Vessel Safety Standards Appendix B (UNOLS Overboard Handling Systems) – Jon Alberts (10 minutes)
- Continuous, real-time measurements of the Arctic water and carbon cycles using in situ stable isotope systems: Examples from 2015 & 2016 Healy missions. J M Welker and E Klein, University of Alaska Anchorage (15 minutes)

1400 Guest Speaker – Vicki Ferrini (LDEO and Multibeam Advisory Committee (MAC)) – An update on Sea Acceptance Tests of Multibeam Systems on new vessels and MAC resources.

1445 *Break*

1500 Science Mission Requirements for Global Class - Subcommittee was formed to draft mission scenarios - Greg Cutter, Jim Swift, Clare Reimers, and Byron Blomquist.

- Develop the mission scenarios / science drivers.
- Gather UNOLS Community input
- Engage federal agencies
- Lessons learned from recent vessel construction projects
- Compare these to the Global class capabilities.
- Design the SMR so that it is living
- Timeline

1600 Other Business

- FIC Membership – Review position openings
- FIC Guest Speakers – Identify special topics and speakers of interest for spring meeting.
- Opportunity for Additional Reports

1620 Closing Remarks – Jim Swift

1625 Adjourn Open Meeting

1630 FIC Executive/Working Session – if required