

March 4, 2014

Tentative Agenda
UNOLS FLEET IMPROVEMENT COMMITTEE MEETING
Tuesday and Wednesday, March 11-12, 2014

Tuesday, March 11th: Marine Acoustics, Inc. , 4100 Fairfax Drive – Suite 730,
Arlington, VA 22203

0800 Coffee and Pastries

0830 Call the Meeting: Clare Reimers, FIC Chair, will call the meeting to order and provide an opportunity for introductions.

- Accept FIC meeting minutes of March 2013:
<http://www.unols.org/meetings/2013/201303fic/201303ficmi.html>

0840 Agency Comments – Full agency reports will be provided during the Council meeting, but agency representatives will be invited to present new issues requiring FIC attention.

0900 Ship Design, Construction, Acquisition, and Refit Activities:

- **Ship Construction Projects:** Full reports on federal construction efforts will be provided during the Council Meeting. However, project representatives are welcome to provide related information that may be of particular interest to or require feedback from FIC:
 - Regional Class Research Vessel (RCRV) (10 minutes) – Matt Hawkins/Clare Reimers
 - RV *Sikuliaq* (10 minutes) – Matt Hawkins
 - Ocean Class Research Vessel (OCRV) – R/V *Neal Armstrong* and R/V *Sally Ride* (10 minutes) – Tim Schnoor/Mike Prince
- **R/V Barnes Replacement Plans** – Allan Devol (10 minutes)
- **Mid-Life Refit Plans for *Thompson, Revelle, and Atlantis*** (10 minutes) – Tim Schnoor
- **Engine Control and Caley Systems on R/V Kilo Moana** (10 minutes) Tim Schnoor and Sandy Shor

1000 R/V Langseth & MLSOC/FIC Liaison Report - Sandy Shor

1015 Break

1030 New Technologies and System Evaluations:

- **Autonomous Wind Powered Vessels for Ocean Science** – presentation by Harold “Bud” Vincent, (Director, Center of Excellence in Undersea Technology, URI) (25 minutes)
- **Long Corer System** – Update on International Discussions regarding Long Corer System Capabilities (15 minutes) Jim Broda
- **SIO & Univ. of Hawaii ROV updates** (10 minutes) – SIO/Sandy Shor
- **Overview of New International Ocean Discovery Program** (25 minutes) Jamie Allen

- 1145 FIC Early Career Investigator Programs:**
- **Chief Scientist Cruise Training Programs** – Clare Reimers & Annette DeSilva
 - **Early Career Scientist Program at Council Meeting** – Miles Sundermeyer

1205 Lunch Break

1305 Review Fleet Projected Service Life End Dates – Clare Reimers

- R/V *Point Sur* Retirement Plans – Rose Dufour
- Knorr/Melville Retirement Plans – Tim Schnoor

1320 Coastal/Local Vessel Class Evaluation– Clare Reimers will present a comparison of RCRV, OCRV and Global class capabilities. Based on these, FIC will be asked to consider mission scenarios better met with the Coastal/Local class and recommendations for renewal of Coastal/Local class assets.

1340 Autonomous System Requirements - FIC is tasked to integrate autonomous systems requirements into SMR documents so these needs are fully considered in future ship designs, and operations.

1400 Optimal Window of Vessel Usage Definitions – Review the ship operator responses to the vessel optimal use definitions and consideration of minimum number of sustainable days. - Clare Reimers

1420 Break

1440 Fleet Improvement Plan (FIP):

- Review Status of Assignments – Clare Reimers
- Discuss Report Format – Annette DeSilva
- Fleet Utilization Projections by region, composition, etc. (Agency suggestion)
- Discussion on Draft Material
- Timeline Check – Clare Reimers

1545 Other Business

- FIC Guest Speakers – Identify special topics and speakers of interest.
- Opportunity for Additional Reports

1600 Review FIC Action Items and Assignments (Clare Reimers)

1610 Adjourn

1620 FIC Executive/Working Session – The remainder of the day is reserved for FIC members to address tasks and follow-up on activities addressed early in the day. Participation by FIC members only is requested.

**Wednesday, March 12th: The Holiday Inn at Ballston, 4610 North Fairfax Drive ,
Arlington, VA 22203**

Joint session of the Council and FIC

0800 Coffee and Pastries

0830 Call the Meeting: Peter Ortner, UNOLS Chair, will call the meeting to order and provide an opportunity for introductions.

0845 Fleet Improvement Committee Early Career Scientist Program & Participant Introductions (Clare Reimers & Miles Sundermeyer)

0900 Agency Reports – Budget status and projections, announcements, and agency initiatives:

- NSF – Bob Houtman
- NAVY – Tim Schnoor
- NOAA/OMAO – Tracy Miller & Carl Newman
- Interagency Working Group on Facilities –IWG-FI activities relevant to the UNOLS Fleet – Bob Houtman

0930 UNOLS 2013 Fleet schedules and science operations, estimated operation costs, and 2014 ship scheduling – Jon Alberts and Liz Brenner

0955 Summary of Fleet Improvement Committee Meeting and Action Items that require Council Attention (Clare Reimers)

1015 Break

1030 Facility Modernization and Upgrade Activities (10 minutes each)

- Ocean Class AGORs – R/V *Neal Armstrong* and R/V *Sally Ride* – Tim Schnoor/Mike Prince
- Regional Class Research Vessels – Matt Hawkins
- *Sikuliaq* Update – Bob Houtman
- Polar Research Vessel Acquisition Status – Tim McGovern
- Ocean Observatories Initiative – Jean McGovern
- Mid-Life Refit Plans for *Thompson*, *Revelle*, and *Atlantis* – Tim Schnoor
- *Alvin* Upgrade Project – Brian Midson

1140 UNOLS Outreach and Early Career Investigator Initiatives

- 2013 Chief Scientist Training Cruise - Clare Reimers (10 minutes)
- Future Chief Scientist Training Initiatives - Annette DeSilva (5 minutes)
- Ocean Science Meeting - UNOLS Booth and Early Career Workshop – Jon Alberts (5 minutes)
- MLSOC Early Career Workshop – Jon Alberts (5 minutes)
- DESSC Early Career Workshop – Annette DeSilva (5 minutes)

This concludes the joint session of the UNOLS FIC/Council Meeting.
