

Tentative Agenda
UNOLS Fleet Improvement Committee Meeting
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Monday & Tuesday, July 9-10, 2018

For those joining by Webex, the Log-in details are:

Click on:

<https://unols.webex.com/unols/j.php?MTID=mb89623a123e0ab5863c352162c346343>

Password: ships218

1-877-668-4490 Call-in toll-free number (US/Canada)

Access code: 803 772 650

Day 1: Monday, July 9th – NSF Room C3030

0800 *Coffee*

0830 **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.

0845 **Agency Reports** – Budget status and projections, announcements, and agency initiatives.

- NSF Report – Bob Houtman
- Navy – Tim Schnoor
- NOAA – LCDR Stephen Barry

0915 **Ship Design, Construction, Refit, and Planning Activities:**

- 0915 Regional Class Research Vessel (RCRV) – NSF (20 minutes)
 - * FIC Representative to RCRV project?
- 0935 Mid-Life Refit for *Thompson*, *Revelle*, and *Atlantis*
 - * R/V *Thompson* return to service (10 minutes) – Doug Russell
 - * R/Vs *Revelle* and *Atlantis* refit agency updates – Tim Schnoor/Mike Prince
 - * R/V *Revelle* refit specific plans and timeline – Zoltan Kelety (10 minutes)
- 1000 R/V *Rachel Carson* Update – Doug Russell (10 minutes)
- 1010 Status of a California state effort to acquire a vessel to replace *Robert Gordon Sproul* (including update on the Zero-Emission Hydrogen Vessel (ZeroV) concept – Zoltan Kelety (10 minutes)

1015 *Break*

1035 **Update on Provision of Marine Seismics Capabilities** – Bob Houtman & Pat Hart (MSROC Chair)

- 1050 Ship Support for US Polar Research:**
- USAP operational plans and future design/construction activities – Jim Swift
 - OPP/AC Subcommittee on the USAP's Research Vessel Procurement - Jim Swift
 - Status report on USCG HPIB project, including projected science support provisions - (USCG)
 - Polar Code Update-Tim Schnoor
- 1120 New Technologies and System Evaluations:**
- SIO and Univ. of Hawaii ROV updates – (10 min)
 - Update on use of ship-launched/supported/tracked small aircraft – Luc Lenain (10 minutes)
 - *Research Vessel Safety Standards* update – Jon Alberts (10 minutes)
 - Science operations in heavier seas - What winch and handling equipment systems work well in heavier seas- RVOC & RVTEC representatives
- 1200 Lunch**
- 1300 Review Fleet Projected Service Life End Dates, FOY Ranges, and Schedules**
- Review Fleet Projected Service Life End Dates - Annette DeSilva
 - Ship Service Life Updates – NSF & ONR
 - Discussion on Full Optimal Year Range Definitions – Annette DeSilva and Jim Swift
 - UNOLS Ship Schedule Chart – Annette DeSilva
- 1340 Science Verification Cruises and Post-cruise feedback on new and refit research ships as they enter into science operations – discussion:**
- Debriefs for R/V Thompson post Mid-life – Determine questions/issues relevant to FIC interests; review 2018 TGT schedule and make assignments - FIC
 - Status of final reports from *Sikuliaq* and Ocean Class FIC Debriefs - Jim Swift
- 1410 Break**
- 1430 Archiving GPS Data Proposal (see Attached) – Jim Swift**
- 1450 Science Mission Requirements for Global Class - Subcommittee report by Greg Cutter (Chair), Jim Swift, Clare Reimers, Suzanne Carbotte, and Byron Blomquist.**
- Community input – Review results from Ocean Sciences Town Hall and from On-line survey
 - Develop the mission scenarios / science drivers
 - Compile a list of international Global R/Vs.
 - Review data utilization trends – Annette DeSilva
 - Plans for a Town Hall meeting at the 2018 Oceans Sciences Meeting
 - 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
 - Review Timeline
- 1515 Working session of the FIC Global-class SMR subcommittee, open to all FIC members and interested meeting attendees.**

1700 Adjourn Day-1 of the FIC meeting.

Tuesday, July 10, 2018 - NSF Room C2010

0800 Coffee

0830 Open Day-2 of the meeting: Jim Swift, FIC Chair.

0840 Revisit any topics requiring additional attention from Day-1 – Jim Swift

0900 Update Fleet Improvement Plan

- Review Fleet Improvement Plan Suggested Revisions – Annette DeSilva & Jim Swift
- Next Steps

1000 Break

1020 Other Business

- FIC Membership – Review position openings
- Fall/Winter Meeting
- Green Ships & Blue Waters IV Workshop
- Future Guest Speakers
- Opportunity for Additional Reports

1045 Brainstorming Session on Future FIC Initiatives

- Example suggested by the Chair: An examination of scenarios of the size and composition of the US academic research fleet over the next 20 years as driven by estimated ship construction and operating costs & projected agency budgets, vis-à-vis future science interests and priorities as expressed in documents from recent studies.
- Other

1150 Closing Remarks – Jim Swift

1200 Adjourn FIC Meeting