**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](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, Reveille, and Atlantis
  * R/V Thompson return to service (10 minutes) – Doug Russell
  * R/Vs Reveille and Atlantis refit agency updates – Tim Schnoor/Mike Prince
  * R/V Reveille 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 Seismsics 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