UNOLS Fleet Improvement Committee Day 1 Recap

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

Regional Class Research Vessel (RCRV)  
Project is now moving ahead well. Three ships fully funded.

Mid-life Refit Plans for Revelle and Atlantis

Update on R/V Thomas G. Thompson’s post-refit matters

- electrical power and main engines

Revelle and Atlantis have different power systems, not susceptible to same issue

Review Fleet Projected Service Life End Dates and FOY Ranges
Progress on Polar Research Vessel SMRs (OPP/AC Subcommittee)

Committee preparing to deliver draft report to the NSF/OPP Advisory Committee. Close relationship in many respects to Global class SMRs.

Science Mission Requirements for Global Class

Subcommittee report coming along well under Greg Cutter’s leadership. Discussion of accommodation of future marine seismic capabilities.

Requirements for hosting a pCO2 system, pCO2 data handling & QC
Academic Research Fleet Improvement Plan

Review of edits.

Adding section on training, and also will ensure outreach is discussed. Appointment of short-term subcommittee to edit report. Plan to have FIP ready ahead of next Council meeting.

Discussion of FIC Membership

Nomination of Dr. Joseph Montoya, School of Biological Sciences, Georgia Institute of Technology (file to be sent to Council).
Discussion of FIC Future Initiatives

- FIC attention to the smaller ships in the ARF. How can FIC better serve the operators of smaller ships and the planning for the future?
- Role of state of the art IT systems on the ships.
- Suggest a ship for an energy audit. (Guest speaker Mike Gaffney?)
- How might the future fleet benefit from bringing together best practices from operations and technical sides?
- Examination of the role of pooled resources in the fleet, and how this might evolve in the future. Are we being efficient? How can we improve in future?
- other ideas?

Tour of Inner Space Center at URI/GSO