

# 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 pCO<sub>2</sub> system, pCO<sub>2</sub> 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**