

*Tentative Agenda*  
**UNOLS FLEET IMPROVEMENT COMMITTEE MEETING**  
**Monterey Bay Aquarium Research Institute and**  
**Moss Landing Marine Laboratories**  
**Moss Landing, CA**  
**March 10-11, 2009**

**Day 1: Monterey Bay Aquarium Research Institute - Pacific Forum Room**

**0800 Coffee and Pastries**

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

- Accept the minutes of the October 2008 FIC Meeting
- Review FIC Action/Task List

**0845 Opportunity for Agency Comments**

**0900 Fleet Improvement Plan** – The draft document [http://www.unols.org/committees/fic/FIP05/document/FIP2009\\_draft-020609.pdf](http://www.unols.org/committees/fic/FIP05/document/FIP2009_draft-020609.pdf) has been provided to the Council for review. Opportunity for Committee comments.

**0915 Fleet Design and Acquisition Efforts** – These reports will focus on vessel design aspects. During the joint FIC/Council session agency representatives will provide brief reports on the budget and timelines for these projects.

- ARRV – Update on design and acquisition plans - Marc Willis
- Ocean Class:
  - Acquisition status, vessel specifications – Tim Schnoor (ONR) / Chris MacDonald (PEOShips)
  - Discussion on UNOLS advisory group membership
- Regional Class Designs – Review the NSF Phase I designs for the Regional Class ships - Bob Houtman (NSF)

**1015 Mid-morning Break**

**1030 SMR Update Project:**

- Status of project
- Project tasking <http://www.unols.org/committees/fic/smr/update08/index.html>
- The sections of the draft Ocean Class Requirements table that require further attention will be discussed. These sections have been identified in the FIC review.
- Discuss next steps and timeline

**1200 Lunch**

- 1300 SMR Update Project** – Wrap up morning discussion
- 1330 Presentation on the ISS-2000 Integrated Survey System** – ISS-2000 is a software package for surveying that integrates inputs from the sonar systems, dynamic positioning system, and data acquisition systems, all with a graphic user interface (GUI). – Pam Clark (JJMA/Alion)
- 1400 Ocean Observatory Projections -Status report on Final Design Review and Implementation plans** (OOI Office)
- 1420 Kilo Moana Update** - Status report on the acquisition of the new Load Handling System for *Kilo Moana*.
- 1430 Break**
- 1415 WHOI Long-Coring System:**
- User Feedback from *Knorr* cruise (Jan 12 – Feb 23, 2009) – Dave Hebert
  - Discuss future user debrief process
- 1505 Bubble-Sweep down Study and Mitigation for Improved ADCP Data Quality** – Dave Hebert
- 1525 Hugh R. Sharp User Debriefs:**
- Review draft set of standard user debrief questions that will evaluate the new technologies of the ship (Jim Bauer)
  - Review the *Sharp* schedule for candidate cruises
- 1555 FIC Membership Changes and Nominations in 2009** – Dave Hebert
- 1625 Other business and Additional Reports**
- **Reduced Fuel Consumption by Improved Directional Stability on Z-Drive Ships** – status
  - **Weatherbird II Improvements**
- 1645 Review FIC Action Items and Assignments** (Dave Hebert)
- 1700 Meeting Adjourns**
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**Day 2 – Wednesday, March 11<sup>th</sup>: Moss Landing Marine Laboratories – Seminar Room**

**0800 Coffee and Pastries**

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

- Accept the minutes of the October 2008 Council Meeting. <<http://www.unols.org/meetings/2008/200810cnc/200810cncmi.pdf>>

**0845 UNOLS 2009 Fleet schedules, estimated operation costs, and 2010 ship scheduling –**  
Mike Prince and Stan Winslow

**0915 Agency Reports – Budgets and renewal efforts:**

- NSF – Bob Houtman
  - Budget projections
  - Regional Class Status
  - ARRV Construction Status
  - Replacement Human Occupied Vehicle (RHOV)
- NOAA - Bill O’Clock
- NAVY – Tim Schnoor
  - Budget projections
  - Ocean Class Acquisition Process - Status

**0945 Summary of Fleet Improvement Committee Meeting and Action Items –** Dave Hebert

**0945 Fleet Improvement Plan – draft document:**

- The draft plan <[http://www.unols.org/committees/fic/FIP05/document/FIP2009\\_draft-020609.pdf](http://www.unols.org/committees/fic/FIP05/document/FIP2009_draft-020609.pdf)> was provided to the Council prior to the meeting. Discuss steps for finalizing. - Dave Hebert and Vernon Asper
- Discussion on issues and strategies for implementing the Fleet Improvement Plan recommendations on ship renewal.

**1030 *Break***

**1045 Interagency Working Group on Facilities –** Report on the IWG-F Federal Facilities and Infrastructure Inventory task and planned IWG-F activities - Bob Houtman

**1105 National Research Council Studies:**

- Evolution of the National Oceanographic Research Fleet. - The study is funded by the Office of Naval Research. The description and membership can be found at <<http://www8.nationalacademies.org/cp/projectview.aspx?key=49014>>. The OSB Committee held their first meeting on January 29<sup>th</sup>. Vernon Asper, Mike Prince, and Dave Hebert provided a presentation. – Vernon Asper will report on the meeting.
- NAS Study on Ocean Infrastructure - Status

**1130 Consortium for Ocean Leadership –** Report on Ocean Leadership meeting and items of interest to UNOLS. A 2009 UNOLS Goal is to work with Ocean Leadership, the NRC, and the federal agencies to ensure that the fleet is right sized and has the right capabilities for ocean sciences in the coming decades. – Marcia McNutt and Mike Prince

**1200 *This concludes the joint meeting of the FIC and Council.***