

Minutes of January 8, 2008 MOC Meeting

Attendees: Bruce Appelgate, Steve Miller, Dave Chadwell, Jeff Babcock, David Skydel, Ralf Goericke, Matt Dzieciuch, Jim Swift, Woody Sutherland, Jerry Smith, Ryan Rykaczewski, Dave Checkley, Mike Landry, Rose Dufour, Jeff Gee

Meeting called to order at 2:00 p.m.

Agenda

1. Relocation of UNOLS office
2. UC Ship Funds
3. Ship status report (report attached below)
4. STS report (report attached below)
5. Other business

Comments/discussion

- Relocation of UNOLS office
 - A solicitation for proposals to host the UNOLS office was discussed. Funds of approximately \$1.5M over three years are available to support the office.
 - There was no support for SIO submitting a proposal to host the UNOLS office. It was noted that a principal consideration of submitting a proposal is the identification of a person at SIO to lead this effort and no one was identified. Furthermore, a potential conflict was noted in hosting the UNOLS office at a time when SIO will be actively pursuing the replacement of some of our vessels.
- UC Ship Funds
 - The membership of the UC Ship Funds Committee for 2008 will be: Lihini Aluwihare, Lisa Levin, Neal Driscoll, Mike Landry, Jen MacKinnon, Jerry Smith. We thank Gabi Laske and Jules Jaffe for their recent service and Jen MacKinnon and Jerry Smith for agreeing to serve and Lihini Aluwihare for agreeing to serve as Chair for 2008.
 - Bruce Appelgate solicited input on how the current system for evaluating proposals for UC Ship Funds has been working and whether it is useful to have a fixed deadline(s) for proposals. There was general agreement that the system should be as transparent as possible and that having a proposal deadline (to allow comparison of proposals) was useful. There were a number of useful suggestions including:
 - Publicize the availability of UC Ship Funds to prospective students at the Open House event as this can be an attractive opportunity that might convince some students to select SIO.

- List past funded projects on the website as a guide to the types of projects that have received support. Rose Dufour will work on getting this list uploaded.
- Ship status report (Captain Althouse, report attached below)
- STS report (Woody Sutherland, report attached below)
- Other business
 - John Orcutt brought to our attention that there is an upcoming meeting on ROVs ("Technical Advancement of Remotely Operated Vehicles & Submersibles") that will be held at the University of Washington on Jan. 23, 24. Following the meeting, several researchers were contacted to see if anyone was interested/available to attend this meeting to represent SIO.
 - Dave Skydel reported that the NRC license renewal has a section concerning the participation of SIO in the emergency response system for geological events (presumably RIDGE2K Rapid Response program). The consensus was that SIO should continue to participate in this program.

Meeting adjourned at 2:45 p.m.

Ship Status Report

MOC NOTES 1- 8 – 07

ROGER REVELLE

1. Completed Fueri dredging cruise in Mauritius as scheduled.
2. Loaded MacKinnon and successfully completed her phase 1 cruise before arriving in Durban for overhaul.
3. Dry docking was delayed until 19 December from 11 – 12 December by contractor and Port Authority that runs the dry dock. Work finally commenced and the schedule was tight all the way. My Assistant, Marty Klein, Captain Tom Desjardins and Chief Engineer Danny Mitchell worked long hard hours to complete dry docking on time. Even with constant supervision, yard personnel made serious procedural errors requiring rework and repair. They finally prevailed and the ship was refloated in time to all departure on MacKinnon Phase 2 on time.
4. This cruise completes in Durban 1 Feb and is followed by a Clivar leg deep into Antarctica, returning to Durban on completion.
5. No significant material issues are reported.

MELVILLE

1. Completed McEachern cruise early as predicted. Loaded Flament and transited to Manila to pick up the Philippine participants.
2. Conducted a large amount of training for the Philippine research community. Arrived back in Manila on 4 Jan as scheduled. A reception for US Embassy and Philippine dignitaries was held last night.
3. During the cruise at IloIlo or Cebu. About ½ of the ships zincs were removed before being discovered. We have learned that this is big business in the Philippines. We are locating replacements and will attempt to get them installed next time in port. We can operate for sometime without replacing them but experience indicates we need to replace them as soon as possible to protect the hull.
4. No significant material issues are reported.

NEW HORIZON

1. Completed the fall CALCOFI cruise as scheduled. This was followed by a Keeling cruise and one for Mark Gillcrest at SPAWAR Center that ended the operating year.

2. Ship departed on the Lustig mammal location cruise. This will include a number of stops for personnel. After return to San Diego the ship will prepare for the NSF ship readiness inspection in early February.
3. The overhaul that had been moved to February from May was shifted back to May due to not having a dry dock available in San Diego in Feb.
4. No significant material problems are reported.

ROBERTED GORDON SPROUL

1. Completed short trips for Dickey, Hildebrand and Babcock before the holiday period.
2. Departed on a 1 day trip for Chavez this morning. A Hildebrand trip follows on Friday and there is a Gillcrist trip 27 Jan – 1 Feb. This is followed by the NSF inspection the first week of Feb.
3. We resolved some nagging electrical problems with the trawl winch which will be tested when the ship is at sea.
4. No significant material issues reported.

STS Report

STS Report to MOC, January 2008

R/V MELVILLE

- 1) completed Flament cruise
 - a) work area heavily populated with fishing gear, nets caught in propellers required divers to cut away, Restech Donohue injured while doing so
 - b) STS technicians overworked due to inexperience in science party
 - c) Ongoing issues with EM120 software, STS is working with Kongsberg to fix
 - d) 3.5 kHz transducer array still not installed
 - e) All over the side STS gear worked well

R/V ROGER REVELLE

- 1) completed short cruise for MacKinnon
 - a) two mooring deployments went well
 - b) Pinkel's group made hardware and software changes to HDSS
- 2) completed shipyard period in Durban
 - a) extra care given to NAVO gravimeter, all is well

b) waiting to hear that new 12 kHz transducers were installed as planned

R/V NEW HORIZON

- 1) no major problems with remaining cruises in 2007 - CalCOFI, Keeling and Gillchrist
- 2) continue to work on reliability of Ku-Band HiSeasNet system

R/V SPROUL

- 1) no major problems with remaining cruises in 2007
- 2) completed dredging cruise for N. Wilson using Cambria Colt to train new ResTechs