

Minutes of June 10, 2008 MOC Meeting

Due to the reduced activity on campus during the US Open, no MOC meeting was held on June 10. The Ship Status report (attached below) was circulated and comments were solicited. No comments were received. No STS report was available for the scheduled June 10 meeting. The MOC meeting for July will be held as scheduled (Tuesday, July 8 at 2 p.m.).

DESSC (Deep submergence science committee) report

Mike Tryon provided the following information on the DESSC meeting via email to the SIO community.

For those of you with an interest in the National Deep Submergence Facility's assets (Alvin, Jason, Abe, Sentry), the slides from this week's DESSC meeting are available on the UNOLS Web page <<http://www.unols.org/meetings/2008/200806des/200806desmi.html>>. If any of the presentations are of interest to you I'd be happy to provide further information on the discussions. The major topic of discussion continues to be the progress of the Replacement Human Occupied Vehicle, the replacement for Alvin which is nearing the end of its service life. Other topics include the new and significantly upgraded operations vans for Jason that are now in service, new and upgraded cameras, LED lighting, multibeam systems, and doppler navigation on the vehicles, the new AUV Sentry seatrials, NDSF facilities and polar research, and a new focus for our Fall/Winter public meeting.

MOC NOTES 6 – 10 – 08

ROGER REVELLE

1. During the NOAA multi-beam cruise, one additional operational board was delivered to the ship. Installation of this board and replacement of some other boards that on the ship did result in some improvement of data quality. While steaming north in the area of the Gulf Stream, data was generally good. On southern legs, quality deteriorated. Towards the end of the cruise, weather improved and usable data was collected on both north and south legs.
2. During the cruise, crew prepared for INSURV. Cruise was completed in WHOI as scheduled Saturday, 31 May. Crew used weekend to make last minute preps for the 32 inspectors that arrived Monday, 2 June. Ship was underway at 0900, conducted anchor, rescue boat launch, high power, quick reverse, steering and equipment demonstrations and returned top port at the afternoon slack water. ONR team inspected science equipment underway and in port. INSURV inspectors were basically completed Tuesday afternoon. Senior Inspector briefed ship Friday morning and rated the ship Fit for Sustained Underway Operations. We received a copy of the discrepancy list from INSURV and a list from the ONR Science inspectors. Action commenced on correction while inspectors were still aboard.
3. During the week, a number of scientists came aboard to discuss upcoming cruises now on the schedule or to bring gear aboard for them.
4. CAT field service crew arrived on Wed night and started engine overhauls Thursday morning. This work is scheduled to complete June 25th if there are no unexpected problems.
5. Sunday afternoon, the Director of WHOI came aboard for a tour with family and friends and stayed for dinner with the crew. The WHOI Associate Director for ship operations also visited the ship.
6. We are still trying to determine if we can install the new DP system. The longer it takes to get the info on which to base a decision, the less likely it is we can accomplish this task.
7. No significant material issues are reported.
8. Ship is scheduled to leave WHOI on 9 July for Reyesenbach's JASON II cruise.

MELVILLE

1. Completed Macintosh cruise and off-loaded in Kaohsiung. This was followed by a transit to Honolulu, a few days maintenance and a 3 day deployment cruise for Eric Terrill.
2. Ship is in Honolulu for Maintenance until departure on Bill Hodgkiss's cruise 16 Jun – 3 Jul. This is followed by Eric Terrill's 3 day recovery cruise and a maintenance period.
3. During the July maintenance period we will overhaul one main engine and do other pending work.
4. No significant material issues are reported.

NEW HORIZON

1. Ship completed overhaul 30 May and returned to MARFAC. Schedule was tight but everything was accomplished. Main gearboxes were overhauled and the fisheries sonars were installed. This increases the draft a few inches but is not a problem. Electronics will be installed and tested later.
2. Currently conducting 3 day Keeling cruise. This will be followed by Kathy Barbeau's and Fred Prah's cruises around Mexico. Fuel is reported to be about \$2.60/gal in Mexico.
3. Navy fuel price did not increase on 1 June as we had been told. It is still \$3.03/gal – San Diego commercial price was \$4.65 yesterday.
4. We have cleared up a number of small items since 30 May as is usual after a yard period.
5. Jim Potts has retired and we are searching of a chief Engineer for the ship
5. No significant material issues are reported.

ROBERT GORDON SPROUL

1. Completed Tim Duda, Mark Gillcrist, Gerald D'Spain and Mark Zumberge, John Hildebrand and Nick Gruber trips without significant issues.
2. Upcoming cruises include Marc Gillcrist, Edgecomb, Roach, Norris, Gillcrest again and Norris again.
3. We are also still trying to find a career Principal Boat Engineer to ensure we have continuity in the Engine Department.
4. No significant material issues are reported.