

Minutes of April 8, 2008 MOC Meeting

Attendees: Steve Miller, Jen MacKinnon, Lloyd Regier, Jerry Smith, Ryan Rykaczewski, David Skydel, David Wolgast, Ralf Goericke, Steven Constable, Bob Knox, Tom Althouse, Dave Checkley, Jim Swift, Bruce Appelgate, Jeff Gee, Tony Koslow

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

Agenda

1. Sonar installation plans for New Horizon
2. Space considerations at Marfac
3. Ship status report (report attached below)
4. STS report (report attached below)
5. Other business

Comments/discussion

- Sonar installation plans for New Horizon
 - Background: Tony Koslow has obtained funding for a multi-frequency (8-200 kHz) Simrad EK-60 fisheries acoustic system for the New Horizon. In addition to a hull mounted system, a pole mounted system is available (using the same topside electronics) for use on other vessels. The New Horizon has a scheduled drydock in May, when the hull mounted system will be installed provided approvals can be secured in time. The 10m cables supplied with the system and the required shielding for the cable run necessitate placing the topside gear in the main lab. In addition to a small (~30" high) rack for the transceivers, some benchspace will be needed for the associated computers.
 - Because space in the main lab is limited, the committee discussed at length proposed locations for the required equipment. There was general support for the installation.
 - It was noted that the transceivers and other topside equipment will necessarily need to be installed such that they are relatively easily removed (since this equipment is also needed for the pole mounted system). The ability to remove this equipment also will make it possible to remove the equipment and free up lab space for cruises where space is limited.
 - This installation may provide a good impetus to examine other equipment installed in the main lab and possible improvements in the use of space.
 - The Simrad EK-60 system may interfere with other acoustic systems. Tony Koslow will check with other users to see how they have handled this.

- Action Item: a meeting will be scheduled with SIO users of the New Horizon (and outside users contacted) when this ship returns to discuss installation plans.
- Space considerations at Marfac
 - On the morning of the MOC meeting, there was a meeting (Bruce Appelgate, Tom Althouse, Joan Durkin, Cammie Ingram, Ron Van Boxtel, Mick Laver) to discuss space issues at Marfac. Portions of Building 2 and two quonset huts need to be cleared out by the end of May. Approximately one year ago, a committee (chaired by Jim Swift) was tasked with developing recommendations on a possible move of some SOMTS personnel from Isaacs Hall to Marfac. The relationship of the draft report of this committee to proposed space changes at Marfac is unclear.
 - The MOC recommended that some clarification be sought on the status of the report from the Swift committee and the planned space changes at Marfac.
- Ship status (Tom Althouse)
 - No discussion
- STS report
 - No discussion

Meeting adjourned at 3:05 p.m.

Ship Status Report

MOC 4-8-08

ROGER REVELLE

1. Completed CLIVAR in Cape Town as scheduled. Offload went smoothly.
2. On the last day the fuel barge did not arrive and the ship was moved to the fuel pier at 1600. After moving, fueling was delayed until 0100, completing at 0230 and ship sailed at 0315. Stowaway search was conducted before sailing.
3. At 1600 the next afternoon, during rounds of the ship, Captain Desjardins went into the Engine Room vent supply fan space. While there he detected a stowaway. Individual was taken into custody and ship returned to Cape Town for boat transfer. Total of 26 hours were lost by this diversion.
4. Investigation revealed that stowaway had researched the ship on the INTERNET knew it was making a nonstop transit to the US. He had entered the secure port and hid near the ship for 2 days waiting for a chance to get aboard but could not due to presence of the quarterdeck watch at all times. At 0600 on the scheduled sailing date he managed to get aboard while the Mate and Bos'n were distracted making preparations for sea. He slipped aboard and hid behind the stbd deck crane than moved forward to his final hiding place when the opportunity presented itself. He had planned to hid for about 10 days before revealing himself figuring the ship would not turn back at that point.
5. Ship continues enroute to Ft Lauderdale collecting data for Rob Pinkel, scheduled arrival is 17 April.
6. Planning continues for INSURV and maintenance period at WHOI.
7. No significant material issues reported.

MELVILLE

1. Arrived in Kaohsiung after redeploying gliders as scheduled on 15 March. Completed ABS surveys and USCG inspection as planned.
2. 150 Ocean Surveyor ADCP was successfully installed and tested. Thruster Zincs and some hull zincs stolen in the Philippines were reinstalled. Other maintenance accomplished.
3. Ship sailed on 23 March for Navy mooring test enroute to Guam. There were some problems with the science equipment but all activities were carried out and mooring successfully deployed. This is a large complex mooring that strained MELVILLE's capabilities and would not have been successful if the seas had not been exceptionally calm.
4. Arrived I Guam as scheduled and offloaded Lee Shores and loaded Andrew Martin for survey cruise off Guam. Return to Guam scheduled for 26 April. Departs Guam for transit to Kaohsiung on 28 April arriving on 3 May to

load Kirk McIntosh for OBS turnaround cruise that completes in Kaohsiung 14 May.

- 5. No significant material problems are reported.**

NEW HORIZON

- 1. Arrived in Puerto Caldera after servicing DART Buoys for NOAA. Offloaded science party, fueled (\$4.05/gal) took on provisions and moved to anchorage to await LANGSETH. Langseth arrived on the 19th off loaded SIO OBS's and cleared berth for NH. Ship moved to pier and picked up OBS's and sailed on completion.**
- 2. Ship continues to deploy OBS's and then recover them after LANGSETH completes each line, moving ahead to redeploy. This continues until arrival back in Puerto Caldera on 17 April. Ship fuels and sails for San Diego arriving on 30 April**
- 3. Ship enters dry dock around 5 May. Bids are due back on the 15th and it appears that NASSCO may bid this time which is the first time since 2000 they have bid on any of our RFP's.**
- 4. Other than the INMARSAT B system which is not operating, no significant material issues are reported.**

ROBERT GORDON SPROUL

- 1. Gillcrust cruises were completed after some adjustments due to equipment problems. Noble mooring recovery cruise was also completed.**
- 2. Steve Constable has 2 cruises in April, followed by another Gillcrust cruise and one for Lang.**
- 3. During import periods, normal maintenance is being conducted.**
- 4. We are looking for a full time Boat Engineer in order to provide continuity to the ship's maintenance.**
- 5. May and June are busy months for the ship.**
- 6. No significant material issues are noted.**

STS Status Report

STS Report to MOC, April 2008

R/V ROGER REVELLE

- 1) successful completion of CLIVAR cruise, all gear unloaded in Capetown and shipped back to SIO
- 2) transit from Capetown to US
 - Computer Tech is making updates to shipboard servers
 - successful change from Indian Ocean to Atlantic satellite for HiSeasNet
 - purchased and installed new hard drives for HDSS

R/V MELVILLE

- 1) port period in Taiwan
 - replaced RDI 150 kHz Narrowband ADCP with new 150 kHz Ocean Surveyor
 - configured UHDAS software to operate both 75 kHz and 150 kHz systems
- 2) completed L. Shores cruise
 - STS systems worked well, problems with science supplied instruments
 - several CTD casts conducted without problems

R/V NEW HORIZON

- 1) completed cruise to service NOAA Tsunami buoys
 - STS systems worked well
 - problems with batteries brought by science party, instruments were changed out on buoys but new batteries not installed
- 2) proceeding with geophysical cruise in coordination with R/V Langseth
 - full complement (~50) of SIO and WHOI OBS's deployed and recovered at southern survey site. Three WHOI instruments were not recovered
 - conducted CTD transit at southern site, no problems
 - deployed full complement of SIO and WHOI OBS's at northern site
 - just starting to recover OBS's as LANGSETH completes seismic operations
 - all STS systems working well

R/V SPROUL

- 1) continuation of cruises to test acoustic arrays for ONR, STS systems working well
- 2) mooring recovery cruise for USGS went well
 - slight delay with CTD casts due to mix up in configuration file, this was fixed after telephone call to STS technicians ashore

PERSONNEL

nearing completion of job card to hire replacement for Sandy O'Brien,
new hire to be a STS employee

NSF

waiting for funding results on 2008 Technicians proposal

STS Move to MarFac

feasibility study is still ongoing