

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
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Distribution Statement A: Approved for public release; distribution unlimited.		Report No. A002.080

1. Meetings:

- i. Attended weekly conference call

2. The following Shipyard Question Submittals were reviewed and commented on:

No questions this reporting period.

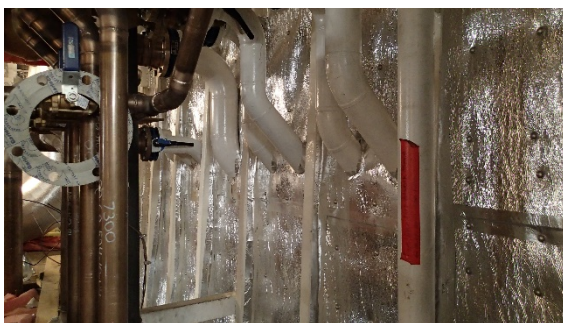
3. Logistics:

- i. Continuing to work on initial outfitting lists for Sally Ride.
- ii. Working on NS5 Hierarchy

4. Operator Concerns:

- **Acoustic Tiles** – No additional tiles have been removed this reporting period. The yard has covered the tiles in the HVAC and MSD spaces with insulation and Quad=zero. The yard has covered the tiles on the upper level of the Main Machinery Space on the port side with insulation and Quad-zero. The port and starboard sides of the lower level of the Main Machinery space are the only areas to have exposed tile that is to be covered by insulation and Quad-zero.

Port Side Main Machinery Room, Upper Level -



HVAC Machinery Space with Quad-Zero over insulation and dampening tiles



Report Documentation Page				Form Approved OMB No. 0704-0188	
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1. REPORT DATE JUL 2015		2. REPORT TYPE		3. DATES COVERED 00-00-2015 to 00-00-2015	
4. TITLE AND SUBTITLE AGOR 28				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Scripps Institution of Oceanography (SIO), 297 Rosecrans St., San Diego, CA, 98106				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 6	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

- **Sally Ride Quad-Zero MLV** – Installation of Quad-zero continues with only the port & starboard lower level of Main Machinery space left to be completed.
- **Main Deck Noise Levels, Sally Ride** – During load bank testing of the Generator Sets, the noise profile on Ride's back deck was very similar to that found on Armstrong. **Baffles had minimal affect in reduce the noise on Armstrong.** No indication as of yet what is being done to correct this issue.
- **Shore Power Control** – Siemens has completed work on Armstrong to allow for complete control of putting shore power on and off from the 480-volt switchboard, eliminating the need to run the EDG. This work is ongoing on Sally Ride at this time.
- **Side & CTD Handling Systems** – Dockside testing of Armstrong's CAST6 winches and their associated handling devices revealed that when either Handling Device is deployed, the cable goes hard up against the retaining pin at the top of the outboard turning block. **This has been corrected on Armstrong with the installation of a guide roller on each of the two Smith-Berger turning blocks. This modification will be done on Ride once the blocks are set.**



- **Load Shedding** – This has been installed, tested and witnessed during Power Management (PMA300) testing last week.
- **SSHD Controls** – Testing on Armstrong indicates that either Handling Device can be operated from the aft control station.
- **Main Crane Towing & Coring Crutch** – The crutch assembly being provided by Allied Systems needs to be demonstrated to prove that it can be used in a safe and practical way.

5. Sally Ride Progress:

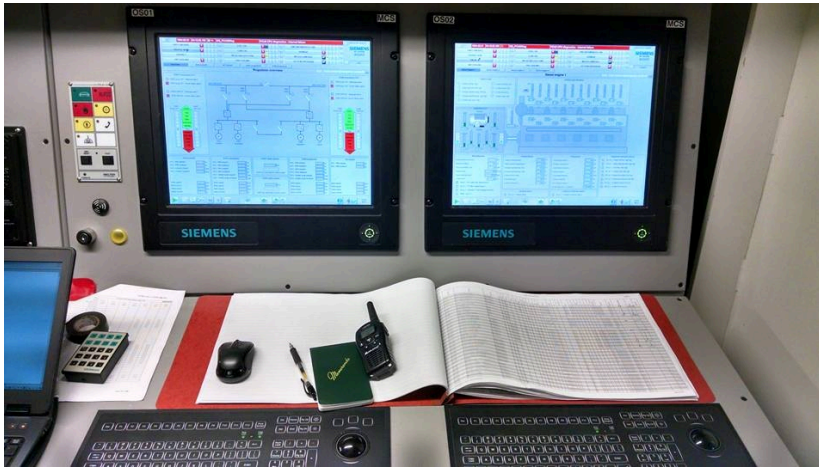
- Accommodation Spaces:
 - Floors have been poured in the following spaces:
Galley, Laundry Room and Main Deck Public Head fwd.



- Carpet has been laid in the foc'sle deck staterooms and most of the overheads are in.
- Underlayment has been poured in the Mess Deck and 01 Deck Passageways.

- Engine Exhaust – Lagging contractors are completing the finish work on all 4 SSDG's
- Deck Machinery Hydraulic Piping – Hard piped sections of all deck machinery hydraulic piping is being flushed with samples being sent out for testing at an independent lab.
- Siemens PMA300 and AIS400 testing – Witnessed and signed off on the testing of the Power Management System. All functions tested satisfactorily. Testing of the Machinery Control System (MCS) has begun. This will be an ongoing over the next several month. For this reporting period, the following systems/equipment have been verified:
 - 690-volt Switchboard
 - 480-volt Switchboard
 - Emergency Switch Board
 - Remote IO cabinets 1-5.

Any issues identified have or are being corrected.



- MCC – Desk, phones and fire panel installed.



- Propulsion Motors – Both motors have been aligned to their shafts and have been set with Chockfast. The motors will be rolled and then coupled to their shafts this month.



6. Call-outs:

Sally Ride:

The following were for the week of 5/18/15:

- 551-002-3 Start Air system test procedure starting @ 0700 on 5/18/15.
- 524-001-3 Seawater Service System operational procedure @ 0900 on 5/18/15.
- 533-005-5 Central Freshwater Cooling test procedure @ 1100 on 5/18/15.
- 310-002-3 Emergency Diesel Generator and Switchboard test,
- 310-001-3 ships service generators and 690 switchboard test starting @ 0800

The following were for the week of 6/1/15:

- 310-003-3 Shore power transfer test today 6/1/15 @ 1300.
- 324-002-3 Ships service 480V switchboard today 6/1/15 @ 1330
- 533-001-2 Chilled water system hydrostatic pressure test on Thursday 6/4/15 @ 0930
- 551-001-2 Ships service air system pressure test on Thursday 6/4/15

6/11/15:

533-002-2 Flushing of the Chilled Water System and 533-003-2 Chilled Water Operational (motor heat runs only)

6/25/15:

264-003-2 Waste Oil Hydrostatic pressure test

6/29/15 until completed over several months.

320-002-3 MCCS controls and operations starting today 6/29/15 @ 1300.

Hydraulic System flushing and pressure testing is ongoing

7. The following DRL's were reviewed and commented on:

PME is down at this time and items reviewed cannot be accessed at this time. Several documents were reviewed and commented on as necessary.

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