

SIO Shipyard Representative Bi-Weekly Progress Report

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| Project: AGOR 28 | Contract No.: N00014-12-C-0305 | Shipyard: Dakota Creek Industries |
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1. Meetings:

- Attended weekly conference call
- Attended SPPC

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

No questions this reporting period

3. Logistics:

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

4. Operator Concerns:

- **Test & Trials** – DCI has provided an updated schedule to work off of. By my count, the completion numbers are as follows:
 - Vendor Commissioning – 31 total procedures with 13 @ 100%.
 - DCI Test & Trials – 119 total procedures with 43 @ 100%, 6 between 50 & 95% and 73 that have not been started.
 - Dock Trials, Builders Sea Trial and Acceptance Trials – 12 @ 0%

To date, 25 Ride test reports have been upload to the PME, and are either accepted or under review. Of note, test performed during the last two weeks have already been uploaded. Hopefully this trend will continue and that the backlog of completed tests will be uploaded soon so that progress can be tracked more easily.
- **Crew Fam** – Preliminary Crew Fam scheduling discussions between government and SIO were started. Marine Outfitting has started working on a schedule.
- **Acoustic Tiles & MLV** – Yard continues to apply Delta DT to tunnel thruster space, with bulkheads and overheads complete. Final coats are being applied to the bottom. No additional information on what materials are to be used for the Traction Winch Room or MMR bilge tops.
- **Fire Plan** – Plan reviewed and accepted by local MSO.
- **Sally Ride Quad-Zero MLV** - No change since last report. Yard has yet to begin finishing the few remaining areas in the lower engine room.
- **Main Deck Noise Levels** – DCI rotated the engine exhaust outlets 45-degrees to port to direct the sound away from the main deck working area. Some improvement was noted but not near enough. Current silencers are rated Super Critical for noise reduction. Silencers rated as Extreme may be necessary to reduce the noise level to meet the requirement if a less invasive method cannot be found.
- **Anchor Windlass** – Armstrong modification were successful and will be duplicated on Ride.
- **Sanitary Construction Cert** – DCI was not able to obtain the FDA Certificate of Sanitation for Armstrong because the sewage discharge is ahead of the water maker suction. The best solution

Report Documentation Page

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is to move the sewage discharge aft of the port sea chest. Using a new sea water supply forward will take away the ability to supply heated sea water from the engines to the RO water makers, which could severely limit potable water production in cold arctic waters.

- **Ride Anti-Fouling Paint** – The anti-fouling paint has failed due to an application error. The yard will correct this issue during a planned docking prior to Builder's Trials. From what can be seen, the two epoxy base coats appear to be intact.

5. Sally Ride Progress:

- Hi-PAP – Government working on HMR to allow for installation of the HiPap prior to Phase III. The yard is working on the estimate now and has delayed some flooring and overhead work in way of the Hi-PAP's Bolted Equipment Removal Plates.
- Pilot House – Overhead installation completed. Remainder of the deck has been prepped for tile.
- Accommodation Spaces – DCI has begun cleaning and prepping staterooms for closeout.
- Deck Machinery – Allied was on site to commission the Stern Frame, Main Crane, Portable Crane and both Side Handling Devices. The Rescue Boat Davit was not quite ready with hydraulic systems still to be flushed.
- Hi-Fog System – Pressure tested piping to 1.5 time operating pressure of 3100-psi. USCG in attendance. No issue to report.

6. Call-outs:

555-001-2: Hydrostatic Pressure Testing of the Water Mist system

245-001-3 CPP Local Demonstration (Port CPP pump redundancy only to finish the test procedure)

243-002-3 Propulsion shaft Locking device

310-002-3 Emergency Switchboard Test completed with the test of six consecutive starts.

Sally Ride:

7. DRL's

| 1st App Hull No | DRL No | Document Title | Occur No/Rev No |
|-----------------|---------|---|-----------------|
| AGOR28 | A031-04 | STD Report - TEST REPORT (243-002-3 Propulsion Shaft Locking Device Report)(R/ASR) | 37/0 |
| AGOR28 | A031-04 | STD Report - TEST REPORT (245-001-3 CPP Local Demonstration Report (28))(R/ASR) | 39/0 |
| AGOR28 | A031-04 | STD Report - TEST REPORT (314-005-3 DC Power 24 Volts (28))(R/ASR) | 41/0 |
| AGOR27 | A027-06 | DWG Report - BOOKLET OF TANK CAPACITY AND SOUNDING TABLES DRAWING (65411-806-02-REV-A Tank Sounding Tables)(R/ASR) | 2/0 |
| AGOR28 | A031-04 | STD Report - TEST REPORT (533-002-2 Flushing Procedure for the Chilled Water System (28))(R/ASR) | 29/0 |
| AGOR28 | A031-04 | STD Report - TEST REPORT (533-005-2 Flushing Procedure for Central Freshwater Cooling Systems (28))(R/ASR) | 31/0 |
| AGOR28 | A031-04 | STD Report - TEST REPORT (555-003-2 Pressure Test CO2 Systems Hazmat Lockers & Strn Thrstr Rm)(R/ASR) | 33/0 |

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| AGOR28 | A031-04 | STD Report - TEST REPORT (561-001-3 Steering Gear Operational Test (28))(R/ASR) | 35/0 |
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