

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
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1. Meetings:

- i. Participated in weekly conference calls.
- ii. Allied Portable Crane FAT at Sherwood, OR
- iii. Design Review at Anacortes

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

No questions this reporting period.

3. Logistics:

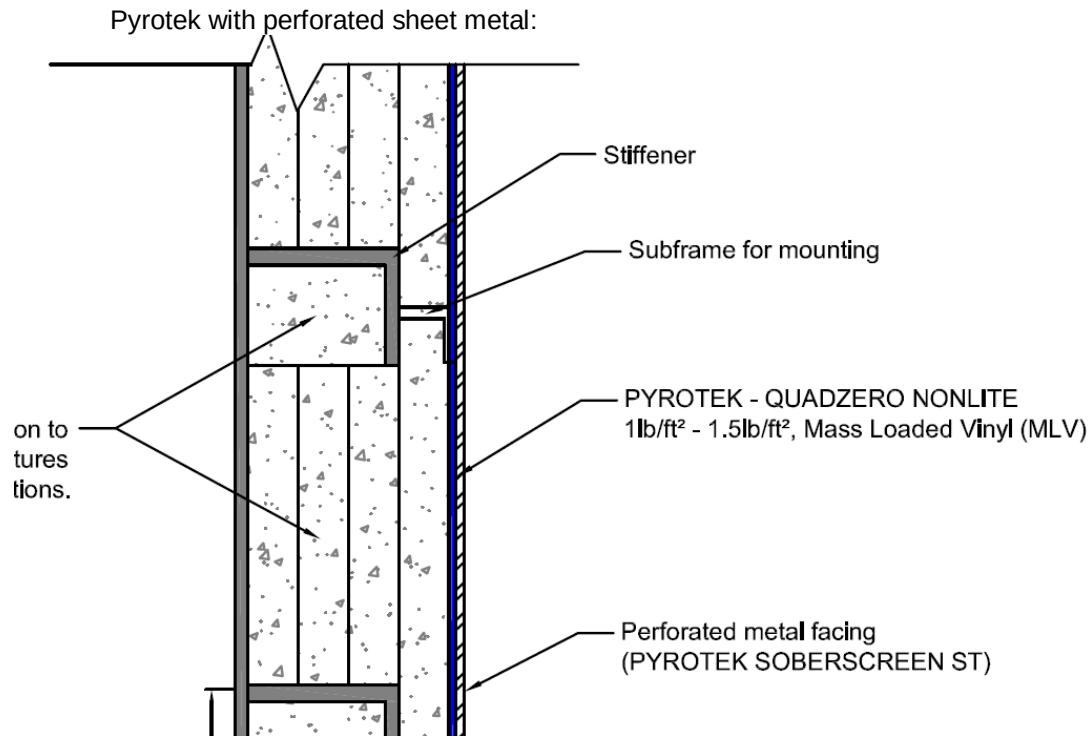
- i. Continuing to review Vendor Recommended Spares (VRS).
- ii. Continuing to review Technical Manuals and Supplemental Information.
- iii. Continuing to work on initial outfitting lists for Sally Ride.
- iv. Working on NS5 Hierarchy

4. Operator Concerns:

- SSHD Controls – Drawings and manual indicate that operators will not have control of the SSHD from the Aft Control Station. Scott deMirs of Systems Interface informs that operators will be able to switch between handling systems at the local control station. Since the last report, Systems Interface is now planning to install a transfer switch in at the aft control station. This will be verified during the upcoming commissioning on Armstrong.
- Main Deck Vent Closures – Waiting to see how this is resolved by DCI & GPA. Currently the covers have been fabricated and bolted in place without gaskets. No arrangements for stowing the covers close to the vents is apparent. It is still not clear how DCI will meet the requirements. This item remains open at this time.
- Load Shedding – A conference call was held to allow the government and operators to question Siemens about load shedding. The Power Management System software can be configured to provide load shedding, however the shunt trips and cabling would have to be installed to make it operational. Work is ongoing to identify likely circuits for load shedding. These include the two Chiller units and the two 100-kw chill water heaters for HVAC winter operation. New for this reporting period – DCI is installing the hardware (cables and shut trips) to the two Chiller breakers as per the contract requirement. The government is working on pricing a proposed WTA to add three additional shut trips to the two 100-kw HVAC heaters and the galley equipment breakers.
- 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.
- Tuff-Mass MLV and Acoustic Tiles - Awaiting resolution of smoke and flammability issues.

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On 16 December, DCI was notified by OCMI that further installation of MLV on Sally Ride is prohibited. 30% of the MLV has been installed on Ride at this time. DCI is looking for an alternative solution or product to meet the specifications. No additional MLV has been added since this became an issue. Since the last report, the yard has informed that Pyrotek has been working with USCG to come up with approved installation techniques for their MLV product. According to Pyrotek/DCI, they are anticipating an adjudication letter related to the above. This does not mean it will be approved, but they apparently have been working closely with USCG on how to handle this. Pyrotek has four solutions, one that has the MLV as the toplayer and three that have the MLV under perforated or unperforated sheet metal. The use of perforated sheet metal as the outer layer would be preferred.



- Side & CTD Handling Systems – Unresolved issues with fairlead interferences from TK70-70main crane remain, but DCI is closer to providing a solution as Markey and Systems Interface are on board commissioning Armstrong's winches. Allied has already made the Side & CTD Handling Devies and the TK70-70 Cranes operational.

Armstrong SSHD



- Emergency Generator Room HiFog- The emergency switchboard is not rate for a space protected by water mist. The yard suggested that a fixed CO2 system would be better suited for this space due to the difficulty in the modifications necessary to upgrade the switchboard. Presently, DCI/GPA is starting to make the case that a fixed system is not require due to generator rating and the volume of the space.

5. Sally Ride Progress:

- Sally Ride Electrical – The 690-volt switchboard is buttoned up and near 100% complete. Work continues on the 480-volt switchboard and propulsion drives. Electricians have started hook ups in the various control system cabinets throughout the vessel.

690-volt Switchboard



Blue Drive Propulsion Cabinet



- Accommodation Spaces - Progress continues at a good pace.

CE Day Room – 01 Deck



Library Area – 01 Deck

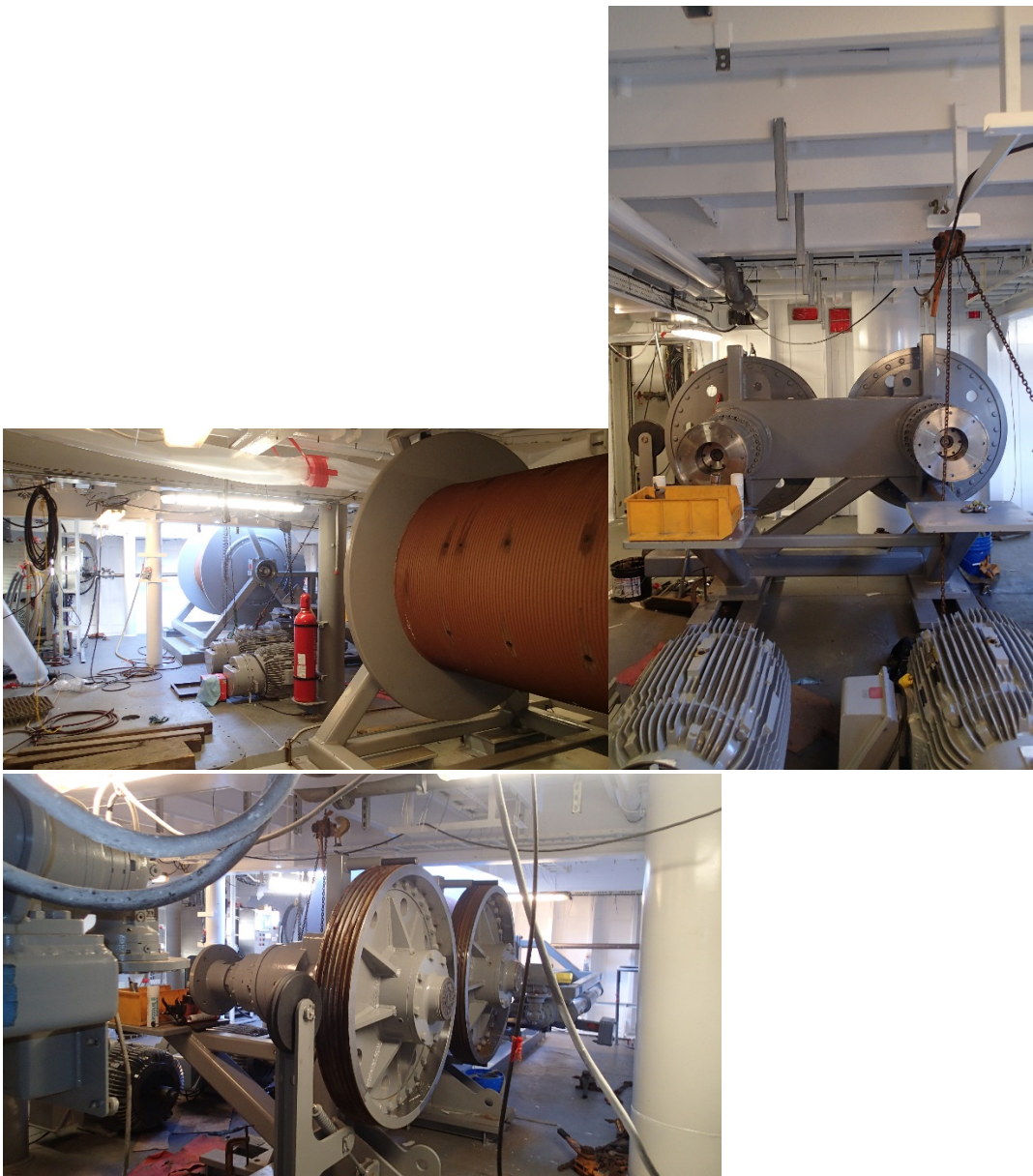


- Piping Systems – DCI has started installation hydraulic piping to Allied deck machinery.
- TK70-70 Crane – DCI is making the preparations to land the main and jib booms to the turret.

- Pilot House – The temporary door access has been removed from the aft bulkhead and fitted with a new hatch and window.



- Traction Winch – The Traction Winch has been set on its foundations. Alignment and the drilling of the foundation to follow.



6. Call-outs:

The following structural welds were inspected with no reportable discrepancies noted. ABS was in attendance. This completed the structural inspections for Sally Ride.

MOD3: HI PAP Structural Brackets

MOD4: Aux Machinery Rom Dk Grating Framing

Equipment Room Structure

Stern Tubes

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

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR28	A031-04	STD Report - TEST REPORT (524-003-2 Flushing Procedure: Stern Tube Cooling)(R/ASR)	19/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (DCI/USCG - AGOR 27 & 28 Emergency Shutdown Procedures)(R/ASR)	154/0
AGOR27	A035-07	STD Report - AUXILIARY SYSTEM MONITORING AND CONTROL DESCRIPTION OF OPERATIONS (Aux Sys Monitoring Control Description of OPS (Rev B) Response)(R/ASR)	5/1
AGOR27	A035-15	DWG Report - MCS BLOCK WIRING/ SYSTEM ARCHITECTURE DIAGRAM (MCS Block Wiring Diagram (Responses))	1/4
AGOR27	A035-16	STD Report - PRELIMINARY MIMIC SCREENS TO BE USED IN THE MCCS (56OP-0214-11-H128 Mimic Screens (Responses))(DARC REV)	3/2
AGOR27	A035-17	STD Report - SSV INPUT/ OUTPUT SIGNAL LIST (SSV INPUT/OUTPUT SIGNAL LIST(Rev A)(Government Responses) (Siemens Responses))(R/ASR)	5/1
AGOR27	A031-03	STD Report - TEST PROCEDURES (436-001-4 Fire Detection Operational Test)(R/ASR)	211/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (432-001-4 Sound Powered Phone System)(R/ASR)	213/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (532-001-3 Potable Water Sys. Operational Unob. Flow & Cleanliness)(R/ASR)	215/0
AGOR27	A031-04	STD Report - TEST REPORT (243-002-3 Propulsion Shaft Locking Device)(R/ASR)	78/0
AGOR27	A031-04	STD Report - TEST REPORT (625-001-2 Window Tightness Test (Hose))(R/ASR)	80/0
AGOR27	A031-04	STD Report - TEST REPORT (314-005-3 DC Power 24 Volts)(R/ASR)	82/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (720998 COMMERCIAL)(R/ASR)	1868/0

AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (721010 HARDWARE SALES)(R/ASR)	1880/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (721011 VISA)(R/ASR)	1881/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (721026 HARDWARE SALES)(R/ASR)	1895/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (DCI/USCG - ACCU, QFA, DVTP, PSTP)(R/ASR)	155/0
AGOR27	A031- 04	STD Report - TEST REPORT (304-001-2 Main Power Cable Insulation Resistance Test Report)(R/ASR)	86/0
AGOR27	A031- 04	STD Report - TEST REPORT (100-004-2 Tightness Testing Tanks)(R/ASR)	88/0
AGOR27	A031- 04	STD Report - TEST REPORT (100-001-2 Weld Inspection Visual)(R/ASR)	90/0
AGOR27	A059	STD Report - STUDENT GUIDES (DI-059 Student Guides for Allied Systems (1 Letter and 3 Student Guides))(R/ASR)	13/2
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (DR #18 Minutes)(R/ASR)	115/0
AGOR27	A027- 38	DWG Report - FLUID SYSTEM CLEANING, FLUSHING, AND MAINTENANCE PROCEDURES (541-004-2 Flushing Procedure of the Fuel Oil Transfer System)(R/ASR)	16/0
AGOR27	A031- 04	STD Report - TEST REPORT (313-001-3 24 VDC Chargers, Batteries & Alarms)(R/ASR)	84/0
AGOR27	A031- 04	STD Report - TEST REPORT (551-002-3 Start Air Compressors Operation, Blowdown & Distribution Test)(R/ASR)	92/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (202b Siemens MCCS Hardware & Software)(R/ASR)	617/1
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (DR# 18 Presentation & Agenda)(R/ASR - Corresp: 1)	109/0
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (DR# 18 NCE Presentation)(R/ASR - Corresp: 1)	111/0

