

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
Prepared by: Paul D. Bueren Scripps Institution of Oceanography (SIO) 297 Rosecrans St. San Diego, CA 98106	Date: 15 August, 2013	Program Officer: Robert (Tim) Schnoor Office of Naval Research 875 Randolph St ONR 321 Arlington, VA 22203-1995
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1. Meetings:

- i. Participated in weekly conference call.
- ii. Attended Armstrong Markey Cast 6 FAT at Seattle.

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

No new questions this reporting period. Q90, Noise and Vibration Testing of the Propulsion Motors remains open pending some horse trading between the Government and DCI.

3. Logistics:

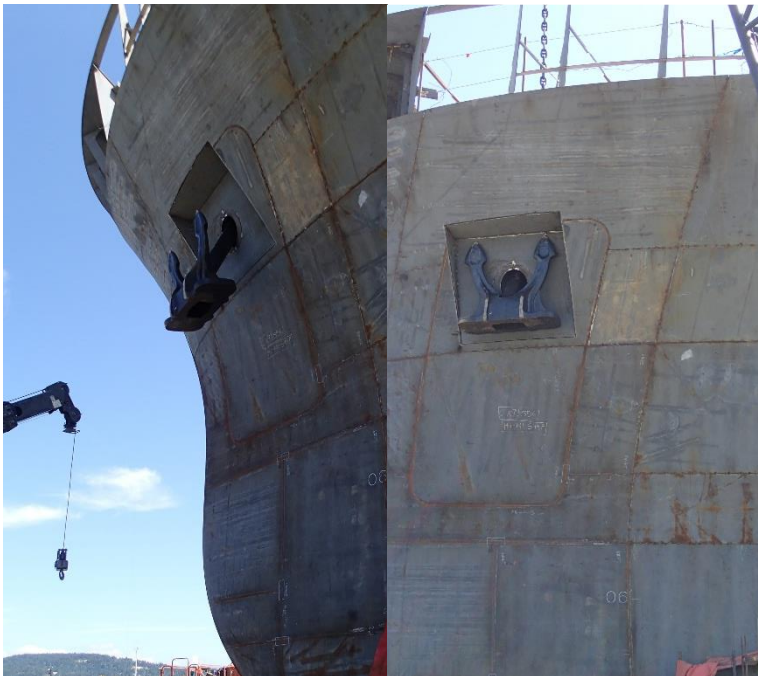
- i. Continuing to review Vendor Recommended Spares (VRS).
- ii. Continuing to review Technical Manuals and Supplemental Information.
- iii. Buy List 1 Approved and DCI is writing PO's
- iv. Buy List 2 Submitted.
- v. Continuing to work on initial outfitting lists for Sally Ride.

4. Other Work Items:

- Seawater Piping Anti-Fouling System – PME is working on adding this as a change. Operators have been tasked with recommending the type of system and which sea chests it should serve. The ion system seems to have the advantage as it will transport the copper ions through the entire system, including the stern tubes via the shaft cooling water. Reducing growth in and around the stern tube Thordon bearings would be desirable. I will be recommending that the system service the fire pump/shaft cooling sea chest at Fr. 92 Starboard and both Engine Room sea chests. It would not be desirable to have an anti-fouling system on the uncontaminated or incubator systems.
- Science Cable Change – PME is working on providing funding for additional fiber, network and twisted pair cables for installation during phase II. The cables and locations have been finalized and approved by the operators.
- Ship Stores Refrigeration – Operators continue to wait for revised diagrams and calculations from DCI and the vendor. No other information has been provided for this reporting period.

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- Anchor Fit Test – DCI used a crane and one shot of chain to raise the anchor into Armstrong's port anchor pocket. Contact was made at three points when housed. No part of the anchor extend above the foc's'le deck. Functional, if not the most aesthetically pleasing anchor.



- Sally Ride Mod 1 Stem – Fabrication of the forward bow sub-assembly continues with anchor pockets complete.



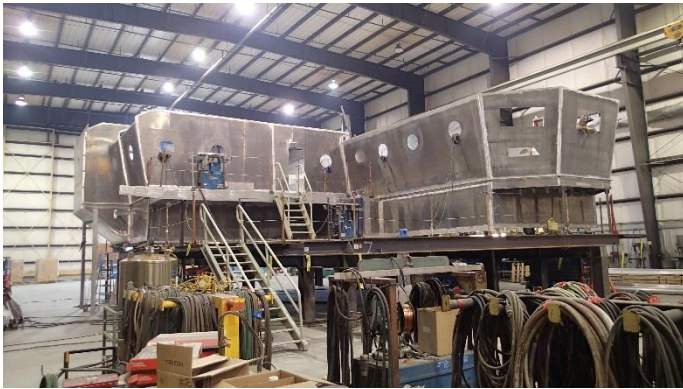
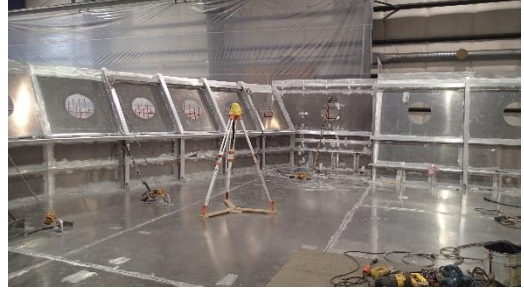
- Sally Ride Mod 5 – Main deck landed.



- Sally Ride Mod Stern Section Progress with transom attached. The yard is now ready to start laying the shell plate.



- Sally Ride Pilot House – Pilot house deck and bulkheads have been erected.



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

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR28	A007	STD Report - PURCHASE ORDERS (PO) (PO #73546 NOBLE DENTON)(R/ASR)	497/0
AGOR27	A035-13	DWG Report - MCSC AND SCC FACE ARRANGEMENT (AGOR Console Face Arrangement Rev F)(R/ASR)	5/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#214 DI-055 (TM) for 259 Rubber Design Exhaust Piping Components)(R/ASR)	427/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (ABS GPA CORRESPONDENCE (Superstructure))(R/ASR)	115/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (ABS GPA Correspondence (Pilothouse Structure Review))(R/ASR)	111/1
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (ABS Correspondence - Self-Extinguishing Insulation)(R/ASR)	116/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (MARKEY COORES & DWGS Additional Docs)(R/ASR)	117/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (FIREMAIN SYSTEM TEST PROCEDURES)(R/ASR)	11/0
AGOR27	A031-04	STD Report - TEST REPORT (SCALE REPRODUCTIONS: ANCHOR MODEL TEST FINAL)(R/ASR)	6/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (PO #72817 DAVE'S ANACO APPLIANCE)(R/ASR)	702/0
AGOR27	A031-03	STD Report - TEST PROCEDURES (GALLEY & MESS EQUIPMENT TEST PROCEDURES)(R/ASR)	13/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72605-01 Hubbell HBL8300I Receptacle)(R/ASR)	632/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for	634/0

		PL 72605-01 NR All Phase Electric Receptacles)(R/ASR)	
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72605-02 Hubbell HBL8300GY Receptacle)(R/ASR)	636/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72605-03 Hubbell GFR8300SGI Receptacle)(R/ASR)	638/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72608-01 NR Beck Electric INX3181 Receptacle)(R/ASR)	640/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#213 DI-055 (TM) for 320d Receptacles)(R/ASR)	425/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72586-01 NR Beck Electric 2620BUG-125 Receptacle)(R/ASR)	630/0
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES (NCE DR10 PRESENTATION)(R/ASR)	65/1
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (PO #72790 NOBLE DENTON)(R/ASR)	673/1
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (PO #72782 DBC MARINE SAFETY)(R/ASR)	683/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) (PO #72762 WORKSKIFF)(R/ASR)	696/0
AGOR27	A027-34	DWG Report - PAINT SCHEDULE (Paint Schedule Rev 6)(R/ASR)	9/0
AGOR27	A035-21	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) REPORTS (DTR-131 DI-035-21 SSV FAT Reports(Small Transformers)(Production Test))(R/ASR)	33/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72307-01 NR All Phase Electric Receptacles)(R/ASR)	620/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72361-01 Pauluhn 2754B-125 Receptacle)(R/ASR)	622/0

AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72361-02 Pauluhn 2614BU-125 Receptacle)(R/ASR)	624/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72361-03 Pauluhn 2620BU-250 Receptacle)(R/ASR)	626/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (DI-051 (VRS) for PL 72542-01 NR Rubber Design Exhaust Piping Components)(R/ASR)	628/0