

## SIO Shipyard Representative Bi-Weekly Progress Report

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

- i. Participated in weekly conference calls.
- ii. Participated in weekly SSV conference calls with the government.

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

No questions for 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. Informed that AGOR is fully funded for ILS and IOL for FY14.

### 4. Other Work Items:

- Markey Technical Manual – Recent correspondence from Markey state that all outstanding technical manuals will be delivered prior to February 1<sup>st</sup>.
- Allied Side Handling and CTD Cranes – FATs for both cranes scheduled for January 22<sup>nd</sup> & 23<sup>rd</sup> at their Sherwood, Oregon facility. The new improved docking head will also be demonstrated.
- HMR 20, Second Galley Oven – To be submitted to DCI shortly.
- Stern Tube Sea Chest Icing – There are concerns that excessive icing of this sea chest could prevent the flow of water to the stern tube Thordon bearings. Lack of seawater lubrication and cooling could result in the degradation of the bearing material if the surface temperature exceeds 60 deg. C. The recommended solution is to add a line from the port sea chest de-icing line to the sea chest serving the Stern Tubes. This sea chest also serves the emergency fire pump and the trawl wire cooling, so the addition of the deicing line would also keep these pumps in service in sub-freezing conditions.

## Report Documentation Page

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Stern Tube/Emergency Fire Pump Sea Chest Starboard Side Machine Shop – Sally Ride



- Flag Block Conduit Deck Penetration – Confirmed that the pipe will be 5-inch schedule 160 pipe and that it will terminate within a foot or two of the flag block. Was told that the actual work is on hold pending final review. My impression is that the changes are more than adequate.



- Sally Ride Pilot House – Scheduled to be moved and lifted into place on 24 January, weather and wind dependent. Two coats of primer and one coat of Seahawk white have been applied. The yard will install the windows next week, prior to the move.





- Sally Ride 02 Deck – DCI Fitter marking out the locations for the Pilot House.



- Sally Ride Starboard Rudder Faring – In place machining of the lower bearing seat.



- Sally Ride Mast Construction – Mast is nearing completion and should be ready for paint in a week.



- Armstrong EM122 Transducer Trunk with temporary cover plate ready for install.





- Sally Ride Stern Tube – Both stern tubes are in place. The yard has aligned the port and welding in into place. The starboard tube is in place awaiting alignment.



- ABS Call-Outs – The following spaces were inspected with ABS in attendance. No reportable discrepancies were noted. Minor weld defects were marked and repaired as required. No leaks were detected during watertight testing.

Sally Ride:

- MOD 1: DB Ballast Tank #1
  - Bow Thruster Sea Chest
  - Bow Thruster Room (T)
  - Dry Stores (T)
- MOD 2: Laundry
  - Mess
  - Locker (MD-1 Linen)
- MOD 3: Watermist Machinery Room
  - Transducer Room
- MOD 5/6: DB Ballast Tank #4 - Port
- MOD 8/9: 01 DK Living Quarters
- MOD 9: 01 DK Ventilation Trunk
- MOD 5: Workshop
- MOD 5/6: Winch Room
- MOD 9: HAZMAT #2
- MOD 5: Thrust Bearings Port & STBD (T)
- MOD 6: AFT Bosun Stores
- MOD 9: HAZMAT #1

Sally Ride Water Tight Testing

- MOD 3: P & STBD Voids
  - STBD Potable Water (T)
  - Pressure Wash Transducer Pens & Wells
- MOD 4:
  - P/S #4 FO



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

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 243.01 PROPULSION SHAFTING ALIGNMENT TEST PROCEDURES)(R/ASR)	51/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #302 DI-055 (TM) for 532b Dixon Valve Adapter & Dust Cap)(R/ASR)	603/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #303 DI-055 (TM) for 505 NIBCO Figure T-595-Y 3-Piece Bronze Ball Valve)(R/ASR)	605/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #304 DI-055 (TM) for 521 Activar Fire Hose Cabinet)(R/ASR)	607/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M55601 REV B.dwg)	1/B
AGOR27	A027-38	DWG Report - FLUID SYSTEM CLEANING, FLUSHING, AND MAINTENANCE PROCEDURES (505-02.1 FLUSHING PROCEDURE FOR FIREMAIN SYSTEMS)(R/ASR)	4/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72013-15 NR Kongsberg KFDD)(R/ASR)	812/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72490-01 NR Dixon Valve SV150HD Safety Pop-Off Valve)(R/ASR)	818/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72490-02 NR Dixon Valve DC35 Quick-Connect Couplers)(R/ASR)	820/0



AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72527-01 NR WEM B15SW Check Valve)(R/ASR)	822/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72527-02 NR WEW 142F Gate Valve)(R/ASR)	824/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72553-01 NR NIBCO T-590-Y-UL Ball Valve)(R/ASR)	826/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72716-04 NR Resistoflex Vertical Check Valve)(R/ASR)	830/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720068-01 NR Apollo 102T-PR Gate Valve)(R/ASR)	832/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720078-01 NR McMaster-Carr Door Holders & Stops)(R/ASR)	834/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720083-01 NR FNW 221A Ball Valve)(R/ASR)	836/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 72489-02 NR NIBCO T-595-Y Ball Valve)(R/ASR)	838/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72525-01 NR Dixon Valve Adapter & Dust Cap)(R/ASR)	842/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72597-01 NR Neway Space 15011C Gate Valve)(R/ASR)	844/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72635-01 NR Fire Hose Cabinet)(R/ASR)	846/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #283 DI-055 (TM) for 505 Resistoflex Vertical Check Valve)(R/ASR)	581/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #292 DI-055 (TM) for 624a McMaster-Carr Supply Company Door Holders & Stops)(R/ASR)	583/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #293 DI-055 (TM) for FNW Figure 221A 2-Piece Ball Valve)(R/ASR)	585/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #294 DI-055 (TM) for 505 Apollo Valves 102T-PR (30 Series) Gate Valve)(R/ASR)	587/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #295 DI-055 (TM) for 532c AO Smith Model DVE 150A Commercial Electric Water Heater)(R/ASR)	589/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #297 DI-055 (TM) for 505 Nibco T-590-Y-UL Ball Valve)(R/ASR)	593/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #298 DI-055 (TM) for 505 William E. Williams Figure B15SW Swing Check Valve)(R/ASR)	595/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #299 DI-055 (TM) for William E. Williams	597/0

		Figure 142F Gate Valve)(R/ASR)	
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #300 DI-055 (TM) for 505 Dixon Valve SV150HD Safety Pop-Off Valve)(R/ASR)	599/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #301 DI-055 (TM) for 551 Dixon Vale DC35 Quick-Connect Couplers)(R/ASR)	601/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE ( GPA ABS Remarks RE: Seawater System & Diagram)(R/ASR)	128/0
AGOR27	A035-19	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) NOTIFICATION ( Allied FAT SSSH & CTD Handling Systems)(R/ASR)	45/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #296 DI-055 (TM) for 252 Kongsberg KFDD)(R/ASR)	591/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 244.01 PROPULSION SHAFTING BEARINGS SEALS TEST PROCEDURES)(R/ASR)	53/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72193-01 Letter - AO Smith DVE 150A Heater)(R/ASR)	814/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72307-02 NR All Phase Electric HBLDS6)(R/ASR)	816/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M52402 REV-E)(R/ASR)	6/4
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M52802 REV-E)(R/ASR)	12/E
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 532.01 POTABLE WATER PUMPS AND PIPING TEST PROCEDURES)(DARC REV)	34/1
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 524-03 DECK INCUBATOR SEAWATER SYSTEM TEST PROCEDURES)(DARC REV)	44/0
AGOR27	A007	STD Report - PURCHASE ORDERS (PO) ( PO #720102 COMMERCIAL FIRE PROTECTION)(R/ASR)	995/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M50601 REV-C.DWG)(R/ASR)	2/C
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 505.01 PROCEDURE FOR THE HYDROSTATIC PRESSURE TESTING OF POTABLE WATER SYSTEMS)(DARC REV)	30/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 505-013 PROCEDURE FOR THE HYDROSTATIC PRESSURE TESTING OF FIREMAIN SYSTEMS - Copy -)(R/ASR)	59/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72490-03 NR Vogt 54853 Check Valve)(R/ASR)	840/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #207 DI-055 (TM) for 556b Allied Systems HPU)(R/ASR)	415/1
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #306 DI-055 (TM) for 524b Eaton-CH Uncontaminated SW Pumps Local Controller)(R/ASR)	611/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #307 DI-055 (TM) for 521 Eaton - CH Fire Pump Local Controller)(R/ASR)	613/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #308 DI-055 (TM) for 532f Centralized FW Cooling Pumps Local Controller)(R/ASR)	615/0

AGOR28	A007	STD Report - PURCHASE ORDERS (PO) ( PO #73847 COMMERCIAL FIRE PROTECTION)(R/ASR)	787/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72765-10 NR Centralized FW Cooling Pumps Local Controller)(R/ASR)	854/0
AGOR27	A052	STD Report - CONFIGURATION DATABASE LISTING (CDBL) ( CDBL #23)(R/ASR)	64/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #305 DI-055 (TM) for 573f Trolley Winch Local Controller)(R/ASR)	609/0
AGOR27	A061	STD Report - 3-D PRODUCT MODEL ( 3D PRODUCT MODEL)	1/96
AGOR27	A059	STD Report - STUDENT GUIDES ( siemens crew fam Propulsion System Student Guide v 1)(R/ASR)	3/0

