

## SIO Shipyard Representative Bi-Weekly Progress Report

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| <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>  |
| <b>Prepared by:</b><br>Paul D. Bueren<br>Scripps Institution of Oceanography (SIO)<br>297 Rosecrans St.<br>San Diego, CA 98106 | <b>Date:</b><br><b>August 14, 2014</b> | <b>Program Officer:</b><br>Robert (Tim) Schnoor<br>Office of Naval Research<br>875 Randolph St<br>ONR 321<br>Arlington, VA 22203-1995 |
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### 1. Meetings:

- i. Participated in weekly conference calls.
- ii. Christening

### 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. Set up spread sheets for imports to NS5 Enterprise Maintenance and Purchase software.

### 4. Other Work Items:

- Sally Ride Launch
  - Prior to launch, several inspections were made to insure that Ride was ready to launch. During the inspections several small concerns were noted and corrected by the yard.
  - On the August 3<sup>rd</sup>, the Navy's Dock-master was on hand for a final check of the blocks and hull/piping integrity. No reportable discrepancies were noted.
  - On the morning of August 4<sup>th</sup>, Sally Ride was moved to the synchrolift and launched. The entire process went very smoothly, with no leaks or other issues noted. Upon floating the vessel had less than 1 degree of list.



# Report Documentation Page

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- Sally Ride Progress
  - All major structures are complete and most of the machinery foundations are in place.
  - HVAC work is ramping up with more ducting in place in the accommodation spaces.
  - Bilge and Ballast Piping is nearing completion.
  - Work continues on seawater, freshwater cooling and fire main piping.
  - No interior joiner work has been installed as of yet.
  - Armstrong to be moved next week to the west side of the pier and Ride to be move from its current position to the east side of the pier. This is to allow for the unrestricted movement of Armstrong when sea trials begin (the east side access can be blocked by mooring lines from the coke ships).
- Sally Ride Stern Frame – Stern Frame is in place and was moved into the inboard position using the yards HPU. Bolts remain to be torqued.



- Sally Ride Winch Room – Traction winch controller and reactors are mounted.



- Sally Ride CAST6 Winches – Both winches have been landed and bolted to their foundations. Working with yard on selecting a location for the Motion Reference Unit (MRU).



- Sally Ride PH Void – Insulation of the overhead of the pilot house void is on-going and more than 50% complete. Jiffy-Pop comes to mind.



- Sally Ride Prop Shafts - Yard is installing Muff couplings and beginning the alignment process.





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

| 1st App Hull No | DRL No | Document Title  | Occur No/Rev No |
|-----------------|--------|---|-----------------|
| AGOR27          | A051   | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720128-01 NR Parker Flex Hose Components)(DARC REV)                             | 947/0           |
| AGOR27          | A051   | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72008-06 Allied Systems TK70-70 Main Crane)(R/ASR)             | 1180/0          |
| AGOR27          | A055   | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (Sea Recovery Coral Sea Horizontal Desalination System)(R/ASR)   | 101/1           |
| AGOR27          | A055   | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #156 DI-055 (TM) for 555b Marioff HI-FOG Water Mist System (Manufacturer's Data))(DARC REV)          | 308/3           |
| AGOR27          | A051   | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72349-01 Carlisle & Finch Model XE9666-HRF Searchlight)(R/ASR) | 1186/0          |
| AGOR27          | A051   | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72349-02 Carlisle & Finch Model 1PS115DE Power Supply)(R/ASR)  | 1188/0          |

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| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72349-03 Carlisle & Finch Model C4-1M-2 Control Station)(R/ASR) | 1190/0 |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #450 422 Carlisle & Finch Model XE9666-HRF 1000 Watt Xenon Searchlig)(R/ASR)                          | 921/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #461 DI-055 (TM) for 672 Delaware Elevator Dumbwaiter)(R/ASR)   | 927/0  |
| AGOR27 | A024    | STD Report - REGULATORY BODY CORRESPONDENCE ( Siemens - IAS)(R/ASR)  | 137/1  |
| AGOR27 | A024    | STD Report - REGULATORY BODY CORRESPONDENCE ( Siemens - IAS (addition to Rev. 2))(R/ASR)   | 137/2  |
| AGOR27 | A031-03 | STD Report - TEST PROCEDURES ( 572-002-2 Deck Socket Load testing procedure)(R/ASR)  | 143/0  |
| AGOR27 | A031-03 | STD Report - TEST PROCEDURES ( 533-002-3 Chill Water Operational Test)(R/ASR)  | 145/0  |
| AGOR27 | A031-04 | STD Report - TEST REPORT ( 259-001-2 Diesel Engine Exhaust System Installation)(R/ASR)   | 36/0   |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720495-01 NR PBM 3-Way Ball Valve)(R/ASR)  | 1192/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72466-02 HAZMAT Lockers CO2 Fire Suppression)(R/ASR)            | 1194/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72034-01 Delaware Elevator MATOT Ambassador Drum Dumbwaiter System)(R/ASR)       | 1196/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72458-04 Viking Fuel Oil Transfer Pump)(R/ASR)                  | 1198/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720372-01 NR Fisheries Life Ring Rack)(R/ASR)                                    | 1200/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720373-01 NR Port Supply Dock Box)(R/ASR)  | 1202/0 |
| AGOR27 | A051    | STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720376-01 NR Thomas Productds Gear Cabinet)(R/ASR)                               | 1204/0 |
| AGOR27 | A052    | STD Report - CONFIGURATION DATABASE LISTING (CDBL) ( DI-052 (CDBL) Monthly Submittal #30)(R/ASR)   | 78/0   |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( TM- 593a redFox RF-750-M STU)(R/ASR)  | 193/1  |

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| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #463 DI-055 (TM) for 505 PBM 3-Way Ball Valve)(R/ASR)                                    | 923/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #462 DI-055 (TM) for 555f CO2 Fire Suppression System for HAZMAT Lockers)(R/ASR)         | 925/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( # 465 DI-055 (TM) for 671 Port Supply Fiberglass Dock Box)(R/ASR)                        | 929/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #464 DI-055 (TM) for 541d Viking KK4124a Fuel Oil Transfer Pump)(R/ASR)                  | 931/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #466 DI-055 (TM) for 583 JIM-BUOY 1123-30 The Roughneck 30-inch Life Ring Rack)(R/ASR)   | 933/0  |
| AGOR27 | A055    | TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #467 DI-055 (TM) for 555e Thomas Products Model FWG-72 Foul Weather Gear Cabinet)(R/ASR) | 935/0  |
| AGOR27 | A059    | STD Report - STUDENT GUIDES ( DI-059 (Student Guides) for Allied CTD Handling Equipment)(R/ASR)   | 21/0   |
| AGOR28 | A031-04 | STD Report - TEST REPORT ( 244-001-3 PROPULSION SHAFTING BEARINGS SEALS TEST PROC)(R/ASR)   | 11/0   |
| AGOR27 | A007    | STD Report - PURCHASE ORDERS (PO) ( 720474 DBC)(R/ASR)  | 1453/0 |
| AGOR27 | A007    | STD Report - PURCHASE ORDERS (PO) ( 720584 COMMERCIAL FIRE)(R/ASR)  | 1463/0 |
| AGOR27 | A007    | STD Report - PURCHASE ORDERS (PO) ( 720593 REISNER)(R/ASR)  | 1469/0 |
| AGOR27 | A024    | STD Report - REGULATORY BODY CORRESPONDENCE ( USCG MCS HI-FOG SUBMITTAL)(R/ASR)   | 136/0  |
| AGOR27 | A024    | STD Report - REGULATORY BODY CORRESPONDENCE ( USCG MCS HI-FOG SUBMITTAL)(R/ASR)   | 136/1  |
| AGOR27 | A024    | STD Report - REGULATORY BODY CORRESPONDENCE ( Siemens - IAS)(R/ASR)   | 137/0  |
| AGOR27 | A027-16 | DWG Report - AUXILIARY SYSTEMS REPORT ( USCG MCS HI FOG SUBMITTAL)(R/ASR)   | 44/0   |
| AGOR27 | A027-35 | DWG Report - INSULATION SCHEDULE (Insulation Schedule)(R/ASR)   | 7/F    |
| AGOR28 | A007    | STD Report - PURCHASE ORDERS (PO) ( 730377 REISNER)(R/ASR)  | 1277/0 |

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| AGOR28 | A007 | STD Report - PURCHASE ORDERS (PO) ( 730390 REISNER)(R/ASR) | 1288/0 |
| AGOR28 | A007 | STD Report - PURCHASE ORDERS (PO) ( 730408 DBC)(R/ASR)     | 1299/0 |