

## 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. Attended Sally Ride Allied TK-70-70 crane FAT @ Sherwood, OR .

### 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:

- Side & CTD Handling Systems – DCI reported that Allied made an error, transposing the height with the reach. As a result, with ABS approval and additional onboard weight testing, the reach should meet the specified reach of 10-feet, but not the 12-feet listed in the CSS.
- AGOR acoustic insulation, Tuff-Mass by Soundown, appears to be an unapproved MLV. This has the potential to disrupt the schedule if the yard is required to remove this material.
- Hi-Fog and emergency shutdowns – the Pilot House (SCC) has been designated as the main fire control station per ACCU. For this reason, the control panel will be removed from the MCS and relocate at the SCC. The mimic panel will be relocated to the MSC. Local ABS concurs with this decision. In addition, because of the ACCU designation, other required emergency shutdowns will also be located at the SCC. These include remote shutdowns for fuel valves, fuel pump, purifiers, oil pumps and ventilation. The yard will have some rework on Armstrong as the controls for the fuel day tank valves are located on the main deck. Pneumatic (nitrogen) lines will need to be extended to the Pilot House from the main deck. The controls at the main deck will be retained.

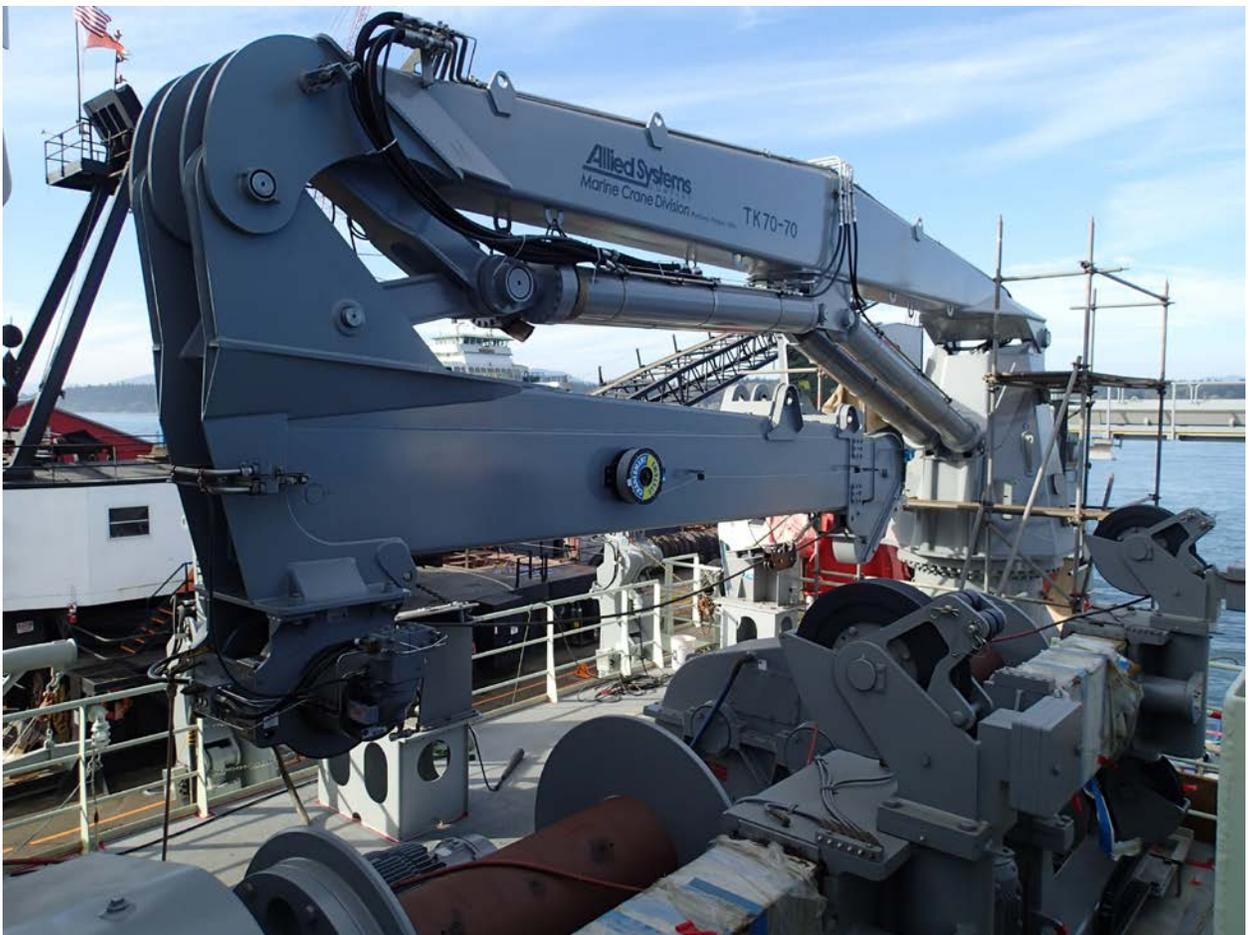
## Report Documentation Page

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- TK70-70 Crane – Monitoring installation on Armstrong and paying particular attention to the amount of clearance available for wire rope coming off the CAST6 winches to the handling systems. The manuals suggested location of the stowage crutch will be in way of the CTD wire rope. Yard informs that they are aware of the crutch location and will relocate it to fit. Also watching to see how much clearance there will be between the .322 wire and the crane's winch when the level wind is at its most forward point of travel. Sight lines to the back deck are greatly reduced by the crane.



#### 5. Sally Ride Progress:

- Electrical – At least 9 electricians on board Ride this afternoon. One on the focsle deck working on accommodations and 8 in the machinery spaces working on the large power cables. It's a start and hopefully it will continue to ramp up as more work is completed on Armstrong.

Cables recently secured into MSD Rm cable trays.



- Hi-Fog Piping – With Armstrong's system installed, DCI has moved the Hi-Fog piping crew over to Ride where they are installing the piping and nozzles in the protected spaces.

Hi-Fog Piping Incinerator Room



- Foc'sle Deck Joiner & HVAC – Additional joiner work taking place and several large HVAC duct runs installed.



- Armstrong Second Oven HMR – The oven has been installed. Fit and finish is very good. Should be able to a couple of turkeys in it.



- Sally Ride TK70-70 Crane FAT – The FAT went well with no major issues and one minor issue with the emergency lowering system as noted in the trip report. Crane reach was measure and found to be 70-feet.

Winch Test with 35,000-Pound Test Weight – the weight was successfully raised and lowered 5-times while checking that the brake held with no slippage at each stop.



6. Call-outs:

Inspected various foundation with ABS in attendance. No issues to report.

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

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR27	A031-04	STD Report - TEST REPORT ( 264-003-2 Hydrostatic & Unobstructed flow of WO & Oily Waste System)(R/ASR)	46/0
AGOR27	A031-04	STD Report - TEST REPORT ( 264-002-02 Flushing Procedure for the LO Systems)(R/ASR)	50/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 524-004-2 DECK INCUBATOR SEAWATER SYSTEM TEST PROCEDURES)(DARC REV)	44/1
AGOR27	A031-04	STD Report - TEST REPORT ( 551-002-2 Pressure Test of the Start Air System)(R/ASR)	60/0
AGOR27	A031-04	STD Report - TEST REPORT ( 551-001-2 Pressure Test of the Ships Service Air System)(R/ASR)	62/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72008-07 Allied Portable Crane)(R/ASR)	1268/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720654-01 NR Independent Wet Gear Locker)(R/ASR)	1270/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720418-01 NR Aquatrol Series 69 Relief Valve)(R/ASR)	1272/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720611-01 NR Todd Holding Tank)(R/ASR)	1274/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720714-01 NR Zurn NR3XL Pressure Regulator)(R/ASR)	1276/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720720-01 NR Omegadyne Spring Loaded RTD)(R/ASR)	1278/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 730517-01 NR Apollo 164T Check Valve)(R/ASR)	1280/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 72677-01 NR Stahlin Enclosures Junction Box)(R/ASR)	1282/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720653-01 NR NIBCO KM-590-S6-R-FS-LL Ball Valve)(R/ASR)	1284/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #500 DI-055 (TM) for 640b Independent Design Wet Gear Locker)(R/ASR)	1001/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #501 DI-055 (TM) for 561 Omegadyne RTD with Transmitter)(R/ASR)	1003/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #502 DI-055 (TM) for 505 Zurn Model NR3XL Pressure Regulator)(R/ASR)	1005/0

AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #503 DI-055 (TM) for 505 Apollo Model 164T Series Bronze Swing Check Valve)(R/ASR)	1007/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #504 DI-055 (TM) for 505 514 Aquatrol Series 69 Relief Valve)(R/ASR)	1009/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #507 DI-055 (TM) for 505 NIBCO KM-590-S6-R-66-FS-LL SS Ball Valve)(R/ASR)	1013/0
AGOR28	A027-34	DWG Report - PAINT SCHEDULE ( Paint Schedule - AGOR 28 - Rev. 4)(R/ASR)	9/0
AGOR28	A035-21	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) REPORTS ( SSV FAT Report - Siemens MCCS AGOR 28)(R/ASR)	25/0
AGOR27	A023	STD Report - REGULATORY BODY CERTIFICATES ( ABS - Smith Berger Marine letter - Guide Sheaves & Flagblock)(R/ASR)	105/0
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)(DARC REV)	936/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #506 DI-055 for 320 Stahlin Enclosures J442PVC Non-Metallic Junction Box)(R/ASR)	1011/0
AGOR27	A031-04	STD Report - TEST REPORT ( 521-001-3 Fire Main System Test Procedure Rev C)(R/ASR)	52/0
AGOR27	A031-04	STD Report - TEST REPORT ( 529-002-2 Ballast Hydrostatic Pressure Testing Rev B)(R/ASR)	54/0
AGOR27	A031-04	STD Report - TEST REPORT ( 529-001-3 Bilge System Test Procedure Rev B)(R/ASR)	56/0
AGOR27	A031-04	STD Report - TEST REPORT ( 555-002-2 Flushing Procedure for the Water Mist System)(R/ASR)	58/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #471 DI-055 (TM) for 573d Allied TK4-30 Portable Crane)(DARC REV)	944/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE ( Siemens/USCG - FMEA)(R/ASR)	141/1
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 625-002-2 Hydrostatic & Unobstructed Flow of Window Washing Syst.)(R/ASR)	167/0
AGOR27	A031-04	STD Report - TEST REPORT ( 581.01 Anchor Winch Operational Test Procedure)(R/ASR)	64/0
AGOR27	A031-04	STD Report - TEST REPORT ( 581-002-4 Anchor Windlass Retrieval & Stowage Operational Test)(R/ASR)	66/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720653-02 NR NIBCO KT-403-W Check Valve)(R/ASR)	1266/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( PL 720653-03 NR Apollo 62-100 Check Valve)(R/ASR)	1286/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #508 DI-055 (TM) for 505 NIBCO Figure KT-403-W Bronze Check Valve)(R/ASR)	1015/0

AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #509 DI-055 (TM) for 505 Apollo 62-100 Series SS Ball-Cone In Line Check Valve)(R/ASR)	1017/0
AGOR27	A027-34	DWG Report - PAINT SCHEDULE ( Paint Schedule - AGOR 27 - Rev. 9)(R/ASR)	15/0
AGOR27	A027-37	DWG Report - LIST OF LUBRICANTS ( List of Lubricants)	1/1
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 524-002-2 UNCONTAMINATED SEAWATER SYSTEM TEST PROCEDURES)(DARC REV)	42/1
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 555-001-3 Fixed Fire Extinguishing Water Mist Plant Operational Test)(R/ASR)	165/0