

## 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.

### 4. Other Work Items:

- Shore Power Receptacle – DCI has removed the foundation and is in the process of moving the Shore Power receptacle the Frame 66, starboard location. The HMR is still in process, but it looks like the yard is taking the initiative to get this done.
- Ship Stores Refrigeration – Reviewed the long awaited and newly released refrigeration system drawing. While not ideal, the system will work in its present configuration. There are still concerns over the volume of the Ship's Stores Chiller, as the vendor has a much lower number, 668-cuft, than the governments, 800-cuft. The vendor list 336-cuft of total usable volume, with space for 291 cubes on the shelving and 45 cubes on the deck.
- SSV Reviews – Reviewed the IO list and Mimic Screen lay out for the IAS400 Machinery Monitoring System. The IO list and Mimic were greatly improved with the addition of several requested data points. Namely refrigeration analog temperature indication and temperature indication on the inlet and outlets of the fresh and seawater sides of the main heat exchangers. During the review it was noted that several previously listed IO and Mimic data points were deleted from the system. Several of these are required by the J1 specifications to fulfill the Condition Based Monitoring requirements. These were documented in the review. Several other data points on the IO list and Mimic where removed for no apparent reason and without prior notice. It is recommended that these be retained in the system unless the SSV can provide a valid reason for the deletion(s).

# Report Documentation Page

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- Neil Armstrong Flag Block Deck Penetration – The penetration is being cut and the drawings are to be reviewed by ABS. The actual flag block is being mounted on the side of Armstrong’s Staging Bay.

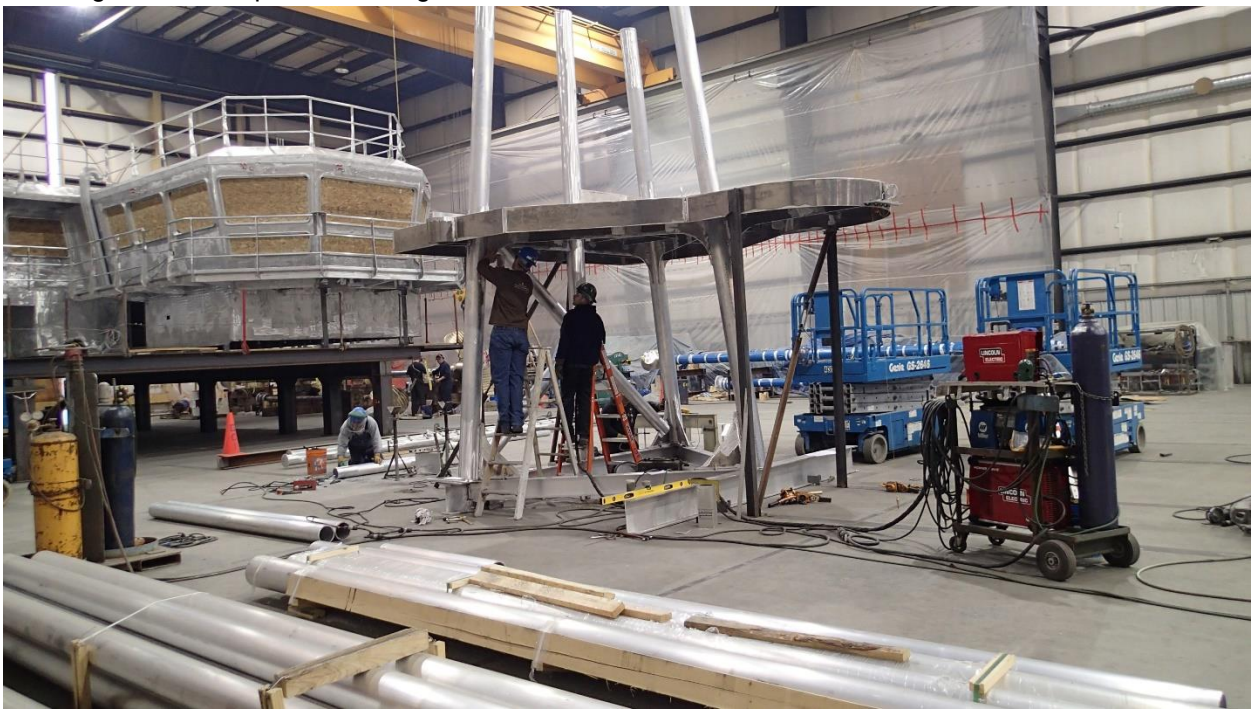


- Sally Ride Port Rudder – Inspected welds and pressure tested with ABS in attendance. No leaks found.
- Neil Armstrong CP Props – The man from Hundested was on site to install the blades to the hubs. The bolts were torqued, but the locking wire will remain off until after the pitch test has been done. 2.5-man days at a leisurely pace to do the work.





- Sally Ride Pilot House – A majority of the welding and fabrication has been completed. The exterior has been prepped for sand blasting and paint. DCI plans on painting the interior and installing the window prior to moving it onto the hull. Insulation to be installed as well.





- Armstrong/Ride Main Mast– Fabrication of the masts for both ships continues, with the base for Neil Armstrong pictured below. Since this photo was taken several more large diagonals have been added to the lower structure. The remaining radar platforms for both ships are fabricated along with the upper masts sections.



- Sally Ride Bow – The foc's'le deck was landed on the bow.





- Neil Armstrong Callouts:  
Weld & Structure  
MOD 1:  
Anchor Chain Locker – Inspected backing plate installation for temporary access to BT room for painting. ABS in attendance and no reportable defects.  
MOD 6:  
Steering Gear Room – Struts – ABS inspected port and starboard strut welds in steering gear room. Starboard longitudinal girder had a weld gouged out above the strut. DCI to repair.  
MOD 9:  
HWC Room - Structure and weld inspection. ABS in attendance with no reportable defects noted.  
Uptake - Structure and weld inspection. ABS in attendance with no reportable defects noted.  
Staging Bay - Structure and weld inspection. ABS in attendance with no reportable defects noted.

Water Tight Testing – The following spaces were pressurize and leak tested with ABS in attendance. No leaks found.

STBD #5 Ballast  
Port # 5 Ballast  
STBD Bilge Keel

- Sally Ride Callouts:  
Weld & Structure  
MOD 4:  
Main Lab - Structure and weld inspection. ABS in attendance with no reportable defects noted.  
ET Shop - Structure and weld inspection. ABS in attendance with no reportable defects noted.  
Mud Room/Head MD-2 – Slight bowing (1/2 to 3/4-inch) noted at deck margin at frame 61 outboard. Improper welding procedure during fit up. DCI ground out weld and repaired.

Ventilation Trunk - Structure and weld inspection. ABS in attendance with no reportable defects noted.

Uptake

MOD 6: - Structure and weld inspection. ABS in attendance with no reportable defects noted.

Steering Gear Room – Lower - Structure and weld inspection. ABS in attendance with no reportable defects noted.

MOD 8:

Accommodations – Foc'sle Deck – Fitters gouged out a short section of overhead weld prior to inspection to straighten out deck section. Otherwise no other reportable defects.

Water Tight Testing – The following was pressurize and leak tested with ABS in attendance. No leaks found.

Port Rudder

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 ( 505.01 PROCEDURE FOR THE HYDROSTATIC PRESSURE TESTING OF POTABLE WATER SYSTEMS)(R/ASR)	29/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 529.01 BILGE SYSTEM TEST PROCEDURES)(R/ASR)	31/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 532.01 POTABLE WATER PUMPS AND PIPING TEST PROCEDURES)(R/ASR)	33/0
AGOR27	A035-21	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) REPORTS ( FAT Report - Siemens - Switchboards)(R/ASR)	35/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS ( DI-051 (VRS) for PL 72001-09 NR Siemens PMA 300 Power Management System)(R/ASR)	718/0
AGOR27	A035-05	STD Report - POWER MANAGEMENT SYSTEM DESCRIPTION OF OPERATIONS ( Power Management Description of Operations rev A)	1/2
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA ( #247 DI-055 (TM) for 202d Siemens PMA 300 Power Managemetn System)(R/ASR)	495/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (65411-516-05 REF CALCS)(R/ASR)	34/0
AGOR27	A052	STD Report - CONFIGURATION DATABASE LISTING (CDBL)	47/0

		( DI-052 CDBL Monthly Submittal #21)	
AGOR27	A035-16	STD Report - PRELIMINARY MIMIC SCREENS TO BE USED IN THE MCCS ( 56OP-0214-11-H128 Mimic Screens)(DARC REV)	3/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 REV A.dwg)(R/ASR)	36/0
AGOR27	A035-07	STD Report - AUXILIARY SYSTEM MONITORING AND CONTROL DESCRIPTION OF OPERATIONS ( Aux Sys Monitoring Control Description of OPS (Rev B))(R/ASR)	5/0
AGOR27	A035-15	DWG Report - MCS BLOCK WIRING/ SYSTEM ARCHITECTURE DIAGRAM ( MCS Block Wiring Diagram)	1/B
AGOR27	A035-17	STD Report - SSV INPUT/ OUTPUT SIGNAL LIST ( SSV INPUT/OUTPUT SIGNAL LIST(Rev A)(Government Responses))(R/ASR)	5/0