

## 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>
<b>Prepared by:</b> Paul D. Bueren Scripps Institution of Oceanography (SIO) 297 Rosecrans St. San Diego, CA 98106	<b>Date:</b> <b>February 14, 2014</b>	<b>Program Officer:</b> Robert (Tim) Schnoor Office of Naval Research 875 Randolph St ONR 321 Arlington, VA 22203-1995
<b>Distribution Statement A:</b> Approved for public release; distribution unlimited.		<b>Report No. A002.050</b>

### 1. Meetings:

- i. Participated in weekly conference calls.
- ii. Participated in DR 13

### 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:

- HMR 20, Second Galley Oven – DCI presented two options for the operators' consideration. The Operators' selected the Lang ECOF Marine convection oven. This is a high quality, high volume oven, which is identical to what the operators originally requested for HMR-20.  
<http://mobilierioristorantero.com/media/PDF%20LANG%20MARINE/ECOF.pdf>  
DCI plans to install the ovens during Phase II prior to delivery.
- HMR 21, Stand-alone Autopilot – Mackay is working on this and has stated that it will have to be the Yokagowa autopilot as it is one of only two that can be used with the JRC equipment and meet the NIBS requirements. Awaiting specific details and quote.
- Scientific Refrigeration Boxes – The yard is supply two refrigerated boxes for use by science. The yards description of the system being provided does not meet the specifications found in J1. More clarification from the vendor is forthcoming.
- Sally Ride – DCI is moving some of the large machinery and electrical equipment into the various machinery spaces.

# Report Documentation Page

Form Approved  
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE <b>14 FEB 2014</b>		2. REPORT TYPE		3. DATES COVERED <b>00-00-2014 to 00-00-2014</b>	
4. TITLE AND SUBTITLE <b>AGOR 28</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>Scripps Institution of Oceanography, 297 Rosecrans St., San Diego, CA, 98106</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT <b>unclassified</b>	b. ABSTRACT <b>unclassified</b>	c. THIS PAGE <b>unclassified</b>			

- Transducer Vents & Head Tanks- DCI has terminated the vents and fills for the ADCP and single beam transducers in the Transducer Space. They are not planning on extending any above the waterline. DCI is not planning on installing any freshwater head tanks for the ADCP Transducers. Unfortunately, the MES arrangement drawing only depicts the vent & fill lines in the space. GPA had put the ADCP head tanks in the Hi Fog Room as shown on the Transceiver Arrangement Drawing. DCI has now reserved that space on the aft bulkhead for the Hi Fog booster pump controller and other equipment. Regardless, the vents and fill lines need to be above the waterline. Possible new location for the head tanks is in the HiPAP trunk at the main deck level. The single beam sonar vents can be combined into one pipe run yet to be determined.

ADCP Transducer Housing with vent and fill line terminating in the space.



- HiPAP Installation – PEO now seems receptive to installing the HiPAP onto Ride during Phase II prior to delivery. SIO will continue to move on this as it will greatly reduce the scope and cost of the work scheduled for Phase III.

HiPAP Bolted penetration in ship's library overhead.



- EM122 Installation – SIO continues to advocate the installation of the EM122 rails prior to delivery. At the very least SIO would like the holes drilled for rails. If the EM710 can be done prior to delivery, all the better.
- Sally Ride Move – Ride was moved to the Rails without incident.



- Sally Ride Rudders, Struts and Stern Tubes – Both rudder fairings have been machined in place and are ready for the rudder posts. The port and starboard struts are fully welded and ready for machining. Both stern tubes are fully welded and ready for machining.



- ABS Call-Outs – No reportable defects noted.

AGOR 27\*

MOD 3: HiPap Trunk

Transducer Room

AGOR 28\*

MOD 1: Anchor Chain Locker

MOD 9: Wet Lab

Uptake (Foc'sle Dk to 01 Dk)

MOD 14: Mast

Water Tight Testing \*:

Port Lights Port side

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

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR28	A006-08	STD Report - PURCHASE ORDER (PO) INDEX ( AGOR 28 PO INDEX 1 31 14)	47/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M55501 REV-C)(R/ASR)	30/C
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES ( GPA DR13 PRESENTATION AND AGENDA)(R/ASR)	83/0
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (WEATHER DECK DRAINS)(R/ASR)	4/D
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (DCI 027-16 M53201 REV-D.dwg)(R/ASR)	8/D
AGOR27	A027-16	DWG Report - AUXILIARY SYSTEMS REPORT (COMPRESSED AIR DIAGRAM)(R/ASR)	26/E
AGOR27	A027-21	DWG Report - EQUIPMENT REMOVAL DRAWING (EQUIPMENT REMOVAL DRAWING)	1/D
AGOR27	A027-38	DWG Report - FLUID SYSTEM CLEANING, FLUSHING, AND MAINTENANCE PROCEDURES ( 505-02-5 FLUSHING PROCEDURE FOR HYDRAULIC SYSTEMS)(DARC REV)	7/0
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 505.01 PROCEDURE FOR THE HYDROSTATIC PRESSURE TESTING OF POTABLE WATER SYSTEMS)(R/ASR)	29/2
AGOR27	A031-03	STD Report - TEST PROCEDURES ( 528-01 SANITARY DRAINS SYSTEM TEST PROCEDURES)(R/ASR)	49/2
AGOR27	A035-21	STD Report - SSV FACTORY ACCEPTANCE TEST (FAT) REPORTS ( Siemens - MCCS FAT Report)(R/ASR)	37/0
AGOR27	A052	STD Report - CONFIGURATION DATABASE LISTING (CDBL) ( DI-052 (CDBL) Monthly Submittal #24)(R/ASR)	66/0
AGOR27	A002	STD Report - DESIGN REVIEW AGENDAS AND MINUTES ( NCE PRESENTATION DR #13 SSV #7)(R/ASR)	85/0

AGOR27	A006-02	STD Report - DETAIL DESIGN SCHEDULE ( Detail Design Schedule Rev L)(R/ASR)	20/0
AGOR27	A003	STD Report - SHIPBUILDING PRODUCTION PROGRESS CONFERENCE (SPPC) AGENDAS AND MINUTES ( SPPC #6/ DR 12 MEETING MINUTES DEC 2013)(R/ASR)	25/1