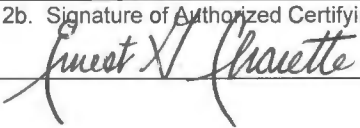


PERFORMANCE PROGRESS REPORT SF-PPR

		Page 1	of Pages 5
1. Federal Agency and Organization Element to Which Report is Submitted National Institute of Standards and Technology (NIST)		2. Federal Grant or Other Identifying Number Assigned by Federal Agency 60NANB10D031	
		3a. DUNS Number 001766682	
		3b. EIN 04-210580	
4. Recipient Organization (Name and complete address including zip code) Woods Hole Oceanographic Institution 183 Oyster Pond Road Woods Hole, MA 02543		5. Recipient Identifying Number or Account Number 2519883 490031SP	
6. Project/Grant Period Start Date: (Month, Day, Year) End Date: (Month, Day, Year)		7. Reporting Period End Date (Month, Day, Year)	
02/01/2010 12/31/2012		03/31/2012	
		8. Final Report? ☐ Yes ☒ No	
		9. Report Frequency ☐ annual ☐ semi-annual ☒ quarterly ☐ other (If other, describe: _____)	
10. Performance Narrative (attach performance narrative as instructed by the awarding Federal Agency)			
(please see attached documents)			
11. Other Attachments (attach other documents as needed or as instructed by the awarding Federal Agency)			
12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.			
12a. Typed or Printed Name and Title of Authorized Certifying Official Ernest G. Charette Director of Construction Projects		12c. Telephone (area code, number and extension) 1.508.289.2702	
		12d. Email Address echarette@whoi.edu	
12b. Signature of Authorized Certifying Official 		12e. Date Report Submitted (Month, Day, Year) April 6, 2012	
		13. Agency use only	

NIST Grant # 60NANB10D031

WHOI Project Number 49003100

Laboratory of Ocean Sensors and Observing Systems (LOSOS)

Progress Report 9 – 1st Quarter 2012

Date: April 6, 2012.

Overall Project Baseline

The Woods Hole Oceanographic Institution (WHOI) received funding from NIST to construct a Laboratory for Ocean Sensors and Observing Systems (LOSOS). LOSOS will be an interdisciplinary center for scientists and engineers developing the next generation of sensors and supporting technology for ocean observation. It will specifically support the Ocean Observatories Initiative (OOI), the Martha's Vineyard Coastal Observatory (MVCO), the Ocean Bottom Seismometer Instrument Pool (OBSIP) and the Environmental Sample Processor (ESP) lab. The current planning provides for a 26,600 sq. ft. building on the WHOI Quissett Campus which will incorporate all of the scientific disciplines noted above. All aspects of the building function and operation, including sustainability and green construction are being thoroughly reviewed and updated throughout the project.

Update of Significant Results in Period

In January, The installation of the exterior wall base sheathing (Densglas) and the placement of the air vapor barrier over this sheathing were completed. The installation and framing of the interior walls continued during this quarter and the rough plumbing, electrical and HVAC and fire sprinkler piping work continued. The exterior wall insulation was installed along with the wooden battens to accept the exterior siding. The roof installation was substantially completed as well. In February, the exterior window frames and glass were installed. The natural gas line and service meter was installed. After receiving the approval of the rough inspection on the first floor in mid-February, the gypsum wall board installation was begun. We submitted the preliminary design portion of the LEED credits to LEED officials for review which included the consideration of nearly half of the potential 62 points (Gold certification). Of the 30 points submitted, 25 were accepted outright and only 5 required further audit and clarification. We fully expect we will gain acceptance of most of the outstanding points as well. In March, the installation of the exterior siding started. The rough electrical wiring and telldata wiring continues. A Davis Bacon Compliance Site Review was conducted by NIST officials on March 14. The delivery of mechanical and electrical equipment to the job site is ongoing and the main HVAC unit for the building was delivered on March 21. The building was connected to the electrical grid on March 27. The architect and engineer performed several site visits to review progress and perform quality control as required. The construction manager, architect, engineering team and owner continue to work together to move the project forward and good, steady progress is being realized. The requests for information, submittals and other project document details continue to be processed as required to keep the project on schedule.

Update of Significant Results in Period (continued)

The internal construction web site continues to be updated regularly with information on the project and construction photos are provided to document the progress.

Milestones

Please see attached updated milestones chart dated 4.6.2012 (Project Schedule).

Technical Progress - Summary

- The installation of the exterior wall base sheathing (Densglas) and the placement of the air vapor barrier over this sheathing were completed.
- The installation and framing of the interior walls is ongoing.
- The rough plumbing, electrical, teldata, HVAC and fire protection work continues.
- The exterior wall insulation was installed along with the wooden battens to accept the exterior siding.
- The roof installation was substantially completed.
- The exterior window frames and glass were installed.
- The natural gas line and service meter was installed.
- After receiving the approval of the rough inspection on the first floor in mid-February, the gypsum wall board installation was begun.
- The preliminary design portion of the LEED credits was reviewed. Of the 30 points submitted, 25 were accepted.
- The installation of the exterior siding was started.
- A Davis Bacon Compliance Site Review was conducted on March 14.
- The delivery of mechanical and electrical equipment to the job site is ongoing and the main HVAC unit for the building was delivered on March 21.
- The building was connected to the electrical grid on March 27.
- The architect and engineer performed several site visits to review progress and perform quality control as required
- The construction manager, architect, engineering team and owner continue to work well together and progress is being realized
- WHOI continues to provide regular communication updates through the use of a website dedicated to the construction project.

Technical Progress - Implications

The construction continues and steady progress is being made.

Technical Progress – Current Status

The construction phase of the project continues and reasonable, steady progress is being realized by the construction team. The expected occupancy date is July 2012.

Technical Progress – Mitigation of Risks

The construction activities include weekly construction meetings with the construction manager, architect and members of the design team as appropriate and the owner. This quarter included several pre-construction meetings with specific trade contractors to ensure the entire scope of the required work was fully understood including all performance expectations. A safety review of the ongoing activities on the project is performed by safety professionals on a regular routine basis independently by the construction manager and owner. Any observations of concern are addressed immediately. The results of such meetings including daily communications of needs and expectations by all team members will continue to prove very beneficial in mitigating risks throughout the project.

Summary of Proposed Changes

There are no proposed changes to the scope of the project since the last report.

Problems and Opportunities

Problems – (None)

Opportunities – The unseasonably mild weather has made constructability issues easier to perform. We will continue to pursue opportunities to add value to the overall project.

Organizational Issues

(None)

Upcoming Meetings and Project Events

Meetings

We will hold weekly construction meeting throughout the duration of the project.

Project events – (None)

Respectfully submitted

Ernest G. Charette

WHOI LOSOS Project Schedule (Milestones)

