

**Post Cruise Assessment Report Information**

**PCAR ID:** 102454

**Date Created:** 2/18/2016 4:59:00 PM

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**Cruise Information**

**Ship:** Oceanus

**Area of Operations:** NP09

**Cruise Dates:** 2/15/2016 - 2/19/2016

**Chief Scientist:** Miguel A. Goni, OSU-CEOAS

**Cruise Number:**

**PIs and Funding Agencies:**

**PI:** Miguel A. Goni, OSU-CEOAS

**Funding Agency:** NSF/OCE/CO

**Type of Work:** Winter Carbon Cycle

**Grant #:** 1459480

**Ship Personnel**

**Master:** Jeffrey Crews

**Marine Technician:** Andrew Woogen, Steve Lambert

**Completer's Information:**

**Person's Name:** Jeffrey Crews

**Position on this cruise:** Captain

**Institution:** Oregon State University

**Assessment:**

1. To what extent were the planned science objectives of this cruise met?

**rating:**

**comment:**

Collect water samples and hydrographic data along cross-shelf transects located along or near the OOI glider paths. Plankton net tows, microstructure profiler and hyperpro deployments at specific locations.

2. Rate how well the science party contributed to achieving the scientific objectives of this cruise (pre-cruise planning, communication, adequate personnel, equipment, attention to safety, organization, etc.).

**rating:** Very Good

**comment:**

The science party was instrumental in the success of the cruise. Flexibility and good communication is key for any planned cruises during this time of the year as weather dictates where we can go and what we can do. This is also crabbing season on the Oregon coast and so flexibility on station locations is also key. All of the P.I.'s are very aware of this and are very good about being flexible as well as communicating what they need and want to do next.

3. Rate how well ship operator pre-cruise activities (planning, coordination, and logistics) and shore support contributed to achieving the scientific objectives of this cruise.

**rating:** N/A

**comment:**

4. Rate how well the ship operator supplied scientific equipment and marine technicians supported this cruise (appropriate equipment, equipment operational and ready for cruise, calibrations, documentation, technicians trained and familiar with equipment).

**rating:** Good

**comment:**

There were some issues that arose on the technical side of the ship this cruise, but Marine Tech. Superintendent Andrew Woogen worked hard to make sure these issues were (and are being) addressed. Steve Lambert is a new member of the Marine Technicians group and shows a great attitude towards supporting the science. I look forward to sailing with him more in the future.

5. Rate how well the scheduling of this cruise supported achieving the scientific objectives of this cruise (appropriate ship, year, season & dates, communications regarding schedules, online systems and scheduling process).

**rating:** N/A

**ship requested:** Oceanus

**comment:**

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6. Rate the level of safety in shipboard and science operations (safety briefing and instructions, procedures & equipment).

**rating:** Very Good

**comment:**

This group was just out with us in January on the same cruise and did a fantastic job of working safely this time around as well. These P.I.'s are great to work with and definitely have safety as their highest priority.

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7. Rate how well the officers and crew and the manner in which the research vessel was operated contributed to achieving the scientific objectives of this cruise (communications, ship handling, deck procedures, attitude towards the science objectives, training, adequate number of crew, shipboard routine, etc.).

**rating:** N/A

**comment:**

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8. Rate how well the research vessel and its installed equipment contributed to achieving the scientific objectives of this cruise (material condition, readiness, living conditions and habitability, condition of lab spaces, design, layout, deck equipment, winches, cranes, frames, propulsion, power, etc.).

**rating:** Good

**comment:**

One of our main lab sinks that drains to the sea wasn't flowing as well as it should and there were some issues with a couple of the outlets that are powering some of the ship's science gear. These items will be addressed during the next few weeks while we are in port.

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**9. Number of science days lost:**

due to weather: 2.00

due to ship equipment:

due to ship science equipment:

due to user science equipment:

**comment:**

Heavy weather caused us to return to port 2 days early.

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