

Post Cruise Assessment Report Information

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Cruise Information

Ship: Oceanus

Area of Operations: NP09

Cruise Dates: 2/8/2018 - 2/11/2018

Chief Scientist: Miguel A. Goni, OSU-CEOAS

Cruise Number: OC1802A

PIs and Funding Agencies:

PI: Miguel A. Goni, OSU-CEOAS

Funding Agency: STATE

Type of Work: Oregon Ship Time

Grant #:

Ship Personnel

Master: Mike Hoshlyk

Marine Technician: Alex Wick, Brandon D'Andrea

Completer's Information:

Person's Name: Prof. Miguel A Goni

Position on this cruise: PI/Chief Scientist

Institution: College of Earth, Ocean, and
Atmospheric Sciences

Assessment:

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

rating: 91-100%

comment:

CTD casts along selected transects
Surface underway survey during duration of cruise

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: Excellent

comment:

Smooth operations by everyone in the science party

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: Excellent

comment:

As always - Oceanus captain and crew were outstanding in planning and executing cruise activities. Given that we got lucky with the weather we were able to occupy all three planned transects.

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: Excellent

comment:

Outstanding support by mar techs - Alex and Brandon were 100% professional and helpful.

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: Excellent

ship requested: None

comment:

This was the last cruise in the project and we were able to carryout 100% of the planned activities. While we got lucky with the weather this time, the ship's crew has been outstanding at planning and carrying out the work in challenging and uncertain winter-time conditions.

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

rating: Excellent

comment:

As usual - Oceanus shipboard and science operations were well planned and safely executed

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: Excellent

comment:

Outstanding officers and crew! Some of the best of the fleet! They made this cruise extremely productive and effective.

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: Excellent

comment:

All instrumentation in the CTD and surface underway systems worked well and were properly calibrated. The new visualization system was being tested and while we had a few issues with 'live' display and shore connectivity, we were able to use it effectively to determine locations of fronts and interesting features for our study. Continuing support for these activities is very important as it is critical for flexible and adaptable field operations

9. Number of science days lost:

due to weather:

due to ship equipment:

due to ship science equipment:

due to user science equipment:

due to medevac/diversion

comment: