



UNOLS Post-Cruise Assessment Report (PCAR) SubCommittee, November 2015

Purpose of Post-Cruise Assessment Report review-

- Is the reporting system working?
- Is reporting Prompt?
 - Most reports submitted in < one month
 - Reporting rate not high – see Jon Alberts' report
- Are issues dealt with in timely manner?
 - Presumably YES
 - PCAR SubCommittee has no feedback on that



R/V Thomas G. Thompson:

October 2014 – September 2015

- In general the ratings were Excellent.
- One noted that a real work boat, capable of being deployed and recovered in moderate seas, would help A LOT.
- Overall impression is that the ship is maintained in good condition and operated by outstanding personnel.
- Some of the ship's equipment and accommodations are getting tired.
- This is in keeping with the fact that the Thompson will begin a mid-life refit in mid-2016.



R/V Roger Revelle – October 2014- November 2015

- Most reports completed in < one month; high ratings.
- General observations are that the crews were very competent, extremely helpful during all cruises and have that “can do” attitude.
- Worn CTD cable almost caused loss of CTD. Repaired Internet link unreliable
- Weather cost 36.6 days of lost time



R/V Sikuliaq – November 2014 – September 2015

- First year of operation
- High praise for the officers, crew and technicians
- Only one cruise in ice. Captain felt ship was at its limit for ice work.
- Acoustics and centerboard were excellent. CTD deployment setup is excellent
- Wireless very good on ship
- Internet access slow and limited. Can't have telepresence if no teleconnection.
- Reduce use by having onboard email system for science and crew rather than sending off-ship to get messages to others on board.



R/V Sikuliaq – November 2014 – September 2015

- Gravimeter needs better integration with ship's data system.
- U Miami's CSTARS satellite images were essential for ice navigation when Sikuliaq lost MDA FTP site.
- A third marine tech was on one cruise to support Mapserver and multibeam. For operating these and other equipment, this third tech is essential for operations in the ice.
- Request that Mapserver be put on all UNOLS vessels.
- Hull-mounted 150 KHz ADCP was inoperable and 75 KHz was seriously affected by bubbles, losing upper 70 m of data.



R/V Sikuliaq – November 2014 – September 2015

- Several shipboard noise issues to be dealt with.
- Recommend turning conference room into lounge.
- Cruising speed is closer to 10 kts than the 11 knots in good sea states. Fuel consumption was high even at that speed. Plan cruises accordingly.