**Recommendations:**

1. The *Oceanus* will be retired at the end of 2011.

Agree

1. Maintenance periods in the vessel homeport are strongly encouraged both as a cost saving measure as well as an opportunity to conduct preventative maintenance.

There might be geographic opportune locations to stage the vessels during their lay-up period (example Gulf of Mexico coastal states).

Strategically locate the vessels.

1. If no additional work is identified when the final schedules are completed, it may be necessary for NSF to consider providing some funds to support extended maintenance or partial layup periods for the NSF-owned ships, *Cape Hatteras* and *Point Sur.*

Use some of the lay-up funds to transit to the Gulf. This would reduce the cost for potential users in the Gulf.

1. Encourage operators of all ships to find ways to reduce costs and seek appropriate opportunities to support research and education programs supported by other funding sources.

Agree

1. Emphasize to operators of institution-owned ships that they must decide if their planned schedule can support the cost to operate.

Agree

1. A survey was conducted in 2011 of the possible causes for the recent decline in shiptime request demand. Examination of the survey responses and development of strategies for addressing the ship time demand decline is recommended.
2. UNOLS Council is encouraged to begin a dialogue with the federal agencies on how to reduce the size of the Fleet within the context of the declining demand, utilization, and potential for declining federal budgets.

Analysist

We agree with this recommendation that however, we need ot continue the initiatives for Fleet Renewal that are currently underway

This needs to be looked at on a Federal level to work towards a more integrated federal fleet.



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Figure 1

(Note: 2012 LOI includes 30% success rate of pending days)



Figure 2



Figure 3 (Note: 2012 LOI includes 30% success rate of pending days)



Figure 4