

University-National Oceanographic Laboratory System

~UNOLS~



Deep Submergence Science Committee

Annual Meeting

December 8, 2013





UNOLS Highlights

~ 2013 ~

- Fleet Renewal Programs Continue
- Increased UNOLS Early Career Scientist Activities.
- Pilot Program: Telepresence Capability on UNOLS Vessels
- EarthCube Workshop hosted at GSO – UNOLS / Ferrini /Rogers





Fleet Renewal Activities



- **Global Class Vessels:**

- R/V *Sikuliaq* will enter service in 2014
- *Knorr* and *Melville* are slated to retire in 2014.
- Navy is planning mid-life refits for Global vessels - *Thompson*, *Revelle*, and *Atlantis*

- **Ocean Class Ships :**

- R/Vs *Neil Armstrong* and *Sally Ride* will be delivered in 2014 and 2015.

- **Regional Class Vessels:**

- Concept Design Review – Dec 3-5, 2013.
- Preliminary Design Phase with a review in Aug 2014.
- March of 2015- NSF will make a request to Congress for FY17 MREFC funds.
- Number of vessels will be based on projected science utilization and availability of funds.
- Operator selection is planned for mid-2017.
- R/V *Point Sur* will retire in 2014



- **Alvin Upgrade** – Alvin is back in the water!





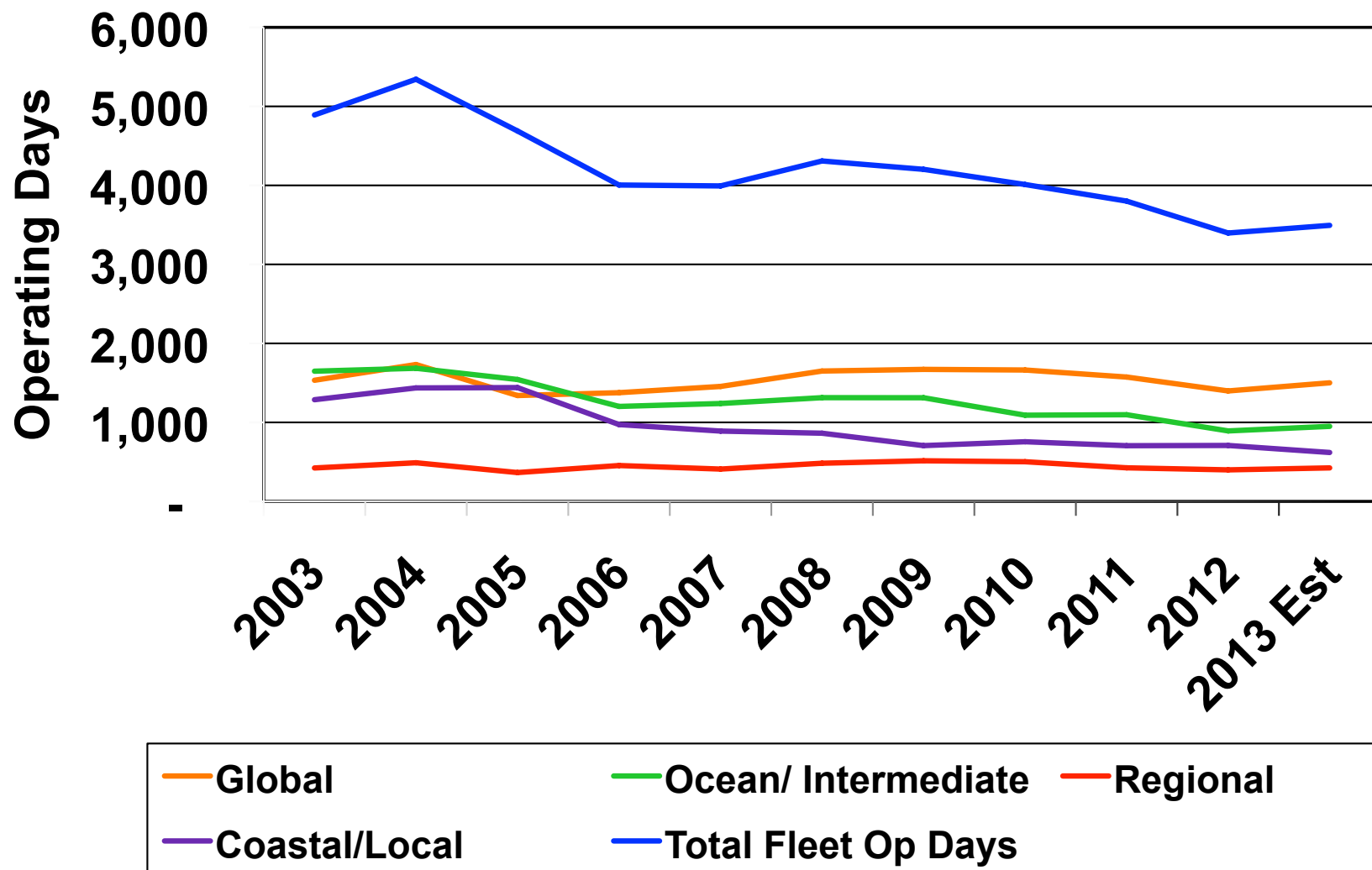
Expanding the UNOLS niche

- Telepresence technology
 - UNOLS Pilot Program in 2013
 - New UNOLS vessels are being equipped to accommodate telepresence
- Unmanned aircraft systems.
- Increased emphasis on early career scientist engagement and training





Fleet Utilization: 2003-2013





NRC - Decadal Survey for Ocean Sciences

- National Research Council's Committee on a Decadal Survey for Ocean Sciences (DSOS) 2015.
- **Project Scope** - Develop a list of the top ocean science priorities for the next decade in the context of the current state of knowledge, ongoing research activities, and resource availability. The DSOS committee's report will present a compelling research strategy for increased understanding of the oceans over the decade 2015-2025
- **Co-Chairs:**
 - **Dr. Shirley A. Pomponi -(Co-Chair) Florida Atlantic University**
 - **David W. Titley, USN (Ret.) - (Co-Chair) Pennsylvania State University**

<http://www8.nationalacademies.org/cp/projectview.aspx?key=49570>

~ Announcement ~

2014 Chief Scientist Training Cruise Opportunity

Application Deadline: January 10, 2014

New to planning oceanographic field work? Wondering how to request research vessel time, or to request a submersible or ROV? Needing samples or wire-time to initiate a research project? If so, take part in the "2014 UNOLS Chief Scientist Training Cruise".

This cruise, pre-cruise informational phone conferences and a post-cruise workshop will instruct early career marine scientists, including PhD students and postdocs, on how to effectively plan for, acquire, utilize and report on time at sea for multi-disciplinary research and education. This is a transit cruise beginning in Bridgetown, Barbados on May 30 and ending in Bermuda on June 8. The cruise will be followed by a 3-day post-cruise workshop at the Bermuda Institute of Ocean Sciences (BIOS). Small stipends are provided for participant travel costs, research supplies and shipping. Space is limited.

To apply you must be an employee or student (US Citizen or permanent resident) at a U.S. institution or a U.S. citizen working abroad. To be considered applications must be received by **January 10, 2014**. The application form is available at:

<https://www.surveymonkey.com/s/78BVG3>

Email Maureen Conte with questions <mconte@mbi.edu>

<http://www.unols.org/info/Training/2014ChSciTrainingCruise.html>



Thank you!