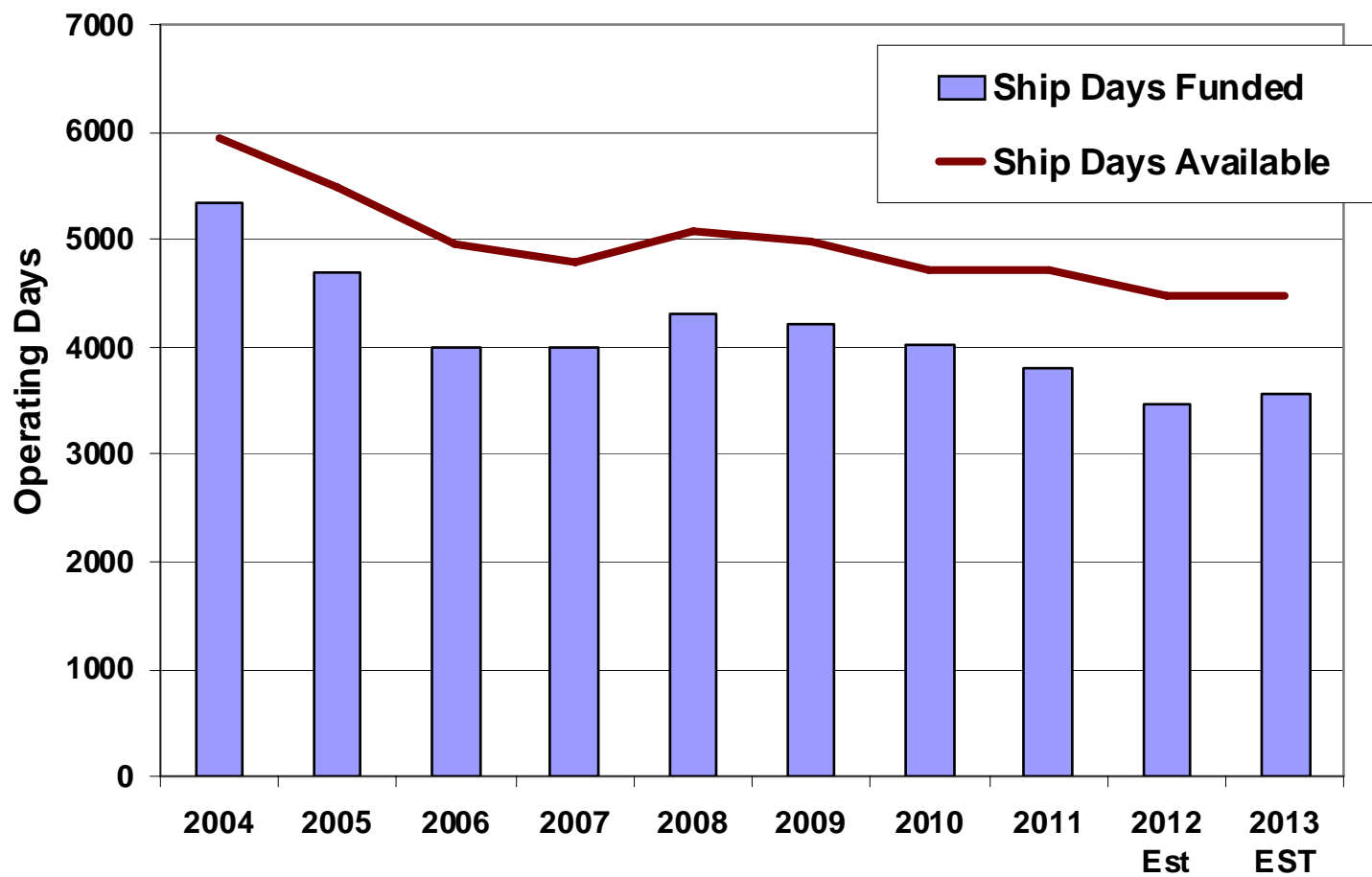# UNOLS Report to DESSC
December 2, 2012

UNOLS Report - Topics

- UNOLS Fleet Operations

- Fleet Modernization Projects

- Heightened Security for UNOLS Ship Schedules

- Outreach and Early Career Scientist Initiatives

- 2012/2013 UNOLS Goals and Initiatives

UNOLS Ship Utilization Trends

Ship Days Funded/Pending and Days Available

Summary of Agency Recommendations for 2013 Fleet Operations

- In CY 2012, NSF approved transfer of *R/V Oceanus* to OSU and retirement of *R/V Wecoma*

- NSF plans to retire *R/V Cape Hatteras* in 2013 & *R/V Point Sur* will be considered in 2014

- ONR plans to retire *R/V Knorr & R/V Melville* to prepare for crew training prior to deliveries of AGORs 27 and 28. *Knorr* to be retired in April 2014 & *Melville* to be retired in December 2014

- ONR has initiated scoping studies for mid-life refit of Global AGOR 23 class to include *R/V Thompson, R/V Revelle*, and *R/V Atlantis*.

- NSF and ONR recommend the operators of all ships find ways to reduce costs and seek appropriate opportunities to support research and education programs by other funding sources, including institutional funds

Fleet Renewal Activities

Ocean Class Acquisition (Navy)

- **Operator Selections made in May 2010 -** AGOR27 to WHOI and AGOR28 to SIO
- **Phase II award (construction) in Fall 2011 -** Dakota Creek-Guido Perla
- **Keel Laying Ceremony –** Friday, August 17, 2012
- **Ship deliveries in 2014/2015**

Regional Class Research Vessel (RCRV)

- Spring 2012: NSF announced an RFP for the construction of up to three Regional Class ships. Proposals were due in early September. The first ship would enter the Fleet in roughly 2019.

R/V *SIKULIAQ*

- Sikuliaq Launch - October 13, 2012

- Begin Science Operations – CY 2014 (Ship Ops Program)

- Science Proposals Requesting *SIKULIAQ*:
    - *SIKULIAQ* listed in UNOLS Scheduling System
    - First full proposals to OPP accepted – December 2011
    - First full proposals to OCE accepted – February 2012

Heightened Security for UNOLS Ship Schedules

- The UNOLS Website will now publically post "secure" schedules for the Navy-owned ships- *Atlantis, Knorr, Revelle, Melville, Thompson, Kilo Moana*

- A full, detail schedule will be available for internal use and scheduled PIs.

- "Secure" ship schedule includes:
  - Year
  - Ship
  - Version & Date
  - Scheduler & Contact Information
  - Month, PI, PI Contact Info,Name of Project
  - Grant #, Days, Agency/Program/Funding

UNOLS Outreach and Early Career Initiatives

- Chief Scientist Training Cruises:
  - 2011: Clare Reimers (PI) – Rapid Award
    - 2 Wecoma cruise opportunities – July and Sept
  - 2012: November cruise on New Horizon
  - 14 students on each cruise
  - Cruise Blog
  - 2013: East Coast: R/V *Endeavor* – Announcement soon
- DESSC Early Career Workshops – 2011 & 2012
- UNOLS on-line Resources – Brochures, Slide packages, etc
- 2011 UNOLS Goal – Establish Speaker Searies

UNOLS Speaker Series

- Establish a speaker series to highlight UNOLS ships and oceanographic research and to serve as an outreach activity to non-UNOLS colleges and universities
- Particular attention to institutions with under-represented minorities in the marine sciences
- Pilot Program beginning in 2013

Regional Coordinators:

Great Lakes: Doug Ricketts (Univ. of Minn.)
Northwest: Bob Collier (OSU)
Southwest: Bruce Applegate (SIO)
Northeast: Mary Jane Perry (Univ. of Maine)
Southeast: Peter Ortner (RSMAS)
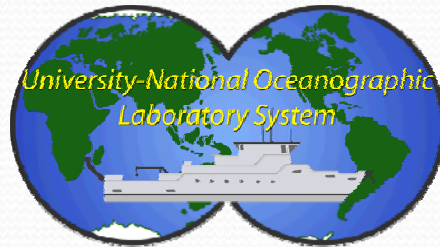Gulf Coast: Vernon Asper (Univ. of Southern Miss.)
Hawaii: Marcie Grabowski (Univ. of Hawaii)
Alaska: Terry Whitledge (Univ. of Alaska)

UNOLS Goals and Priorities – 2012 & 2013

- To develop and implement a systematic and transparent process (or processes) to facilitate our agency sponsors in responding to the changing realities both in ocean science and the U.S. economy/federal budgets specifically addressing the difficult tradeoffs that almost certainly will need to be made

- To nurture the next generation of seagoing oceanographic scientists

Thank you!

Please be our friend!