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

- **Ship Days Funded**
- **Ship Days Available**

<table>
<thead>
<tr>
<th>Year</th>
<th>Operating Days</th>
</tr>
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<tbody>
<tr>
<td>2004</td>
<td>5700</td>
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<tr>
<td>2005</td>
<td>5000</td>
</tr>
<tr>
<td>2006</td>
<td>4000</td>
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<tr>
<td>2007</td>
<td>4000</td>
</tr>
<tr>
<td>2008</td>
<td>4200</td>
</tr>
<tr>
<td>2009</td>
<td>4000</td>
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<tr>
<td>2010</td>
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<tr>
<td>2011</td>
<td>3500</td>
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<tr>
<td>2012 Est</td>
<td>3000</td>
</tr>
<tr>
<td>2013 EST</td>
<td>3000</td>
</tr>
</tbody>
</table>

**Graph Notes:**
- The graph shows a decline in ship utilization days from 2004 to 2012.
- The number of ship days funded and pending is generally higher than the ship days available.
- The data for 2012 and 2013 is estimated (Est).
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

R/V Sikuliaq - Global Class Acquisition (NSF)
- Operator – University of Alaska
- Begin Science Operations – CY 2014

Ocean Class Acquisition (Navy)
- Operator Selections made in May 2010 - AGOR27 to WHOI and AGOR28 to SIO
- Ship deliveries in 2014/2015

Regional Class Research Vessel (RCRV)
- NSF awarded RFP for the construction of up to three Regional Class ships to OSU. The first ship would enter the Fleet in roughly 2019.
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 is available for internal use and scheduled PIs. UNOLS can authorize permissions.
- “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 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.
UNOLS Outreach and Early Career Initiatives

- **Chief Scientist Training Cruises**: Clare Reimers (PI)
  - 2011: 2 Wecoma cruises – July and Sept
  - 2012: November cruise on New Horizon
  - 2013: R/V Endeavor October cruise – Announcement on UNOLS Website
  - ~14 students on each cruise
  - Cruise Blog

- **DESSC Early Career Workshops** – 2011 & 2012

- **UNOLS on-line Resources** – Brochures, Slide packages, etc

- **UNOLS Speaker Series** – *new initiative*
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
• It will include information about the marine technician profession.

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 Whittle (Univ. of Alaska)
Thank you!

Please be our friend!