ONR Update

RVOC

23 April 2013
ONR Fleet Activities-Operating Days

--1,670 Planned for 2013--

<table>
<thead>
<tr>
<th>Ship Name</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>MELVILLE</td>
<td>316</td>
</tr>
<tr>
<td>KNORR</td>
<td>256</td>
</tr>
<tr>
<td>THOMPSON</td>
<td>294</td>
</tr>
<tr>
<td>REVELLE</td>
<td>279</td>
</tr>
<tr>
<td>ATLANTIS</td>
<td>274</td>
</tr>
<tr>
<td>KILO MOANA</td>
<td>251</td>
</tr>
</tbody>
</table>
## ONR Science Objectives Requiring Shiptime

<table>
<thead>
<tr>
<th>Vessel</th>
<th>2013 Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melville-</td>
<td>83</td>
</tr>
<tr>
<td>Endeavor –</td>
<td>53</td>
</tr>
<tr>
<td>F G Walton Smith-</td>
<td>46</td>
</tr>
<tr>
<td>Hugh Sharp-</td>
<td>97</td>
</tr>
<tr>
<td>Knorr-</td>
<td>20</td>
</tr>
<tr>
<td>New Horizon-</td>
<td>33</td>
</tr>
<tr>
<td>Oceanus-</td>
<td>52</td>
</tr>
<tr>
<td>Pelican-</td>
<td>8</td>
</tr>
<tr>
<td>Point Sur-</td>
<td>29</td>
</tr>
<tr>
<td>Atlantis-</td>
<td>3</td>
</tr>
<tr>
<td>Revelle-</td>
<td>108</td>
</tr>
<tr>
<td>Thompson-</td>
<td>24</td>
</tr>
<tr>
<td><strong>TOTAL -</strong></td>
<td><strong>560</strong></td>
</tr>
</tbody>
</table>
Major ONR Sponsored Projects At Sea

• Columbia Bar – late May
  – Multi-ship effort (Melville, Oceanus, Pt Sur)
• South China Sea (Revelle)
  – Cooperative with Taiwan and Philippines;
  – Currently Clearance issues, but cruises will occur
  – Science cruises 2013-2014
• Bay of Bengal (Revelle)
  – Cooperative with Sri Lanka
  – Multi-year effort
• Arctic Research – ship-based beginning in 2015
• UAV capability demonstration on AGORs
ONR Fleet Activities-Inspections

- **INSURV** (current policy NLT 60 months)
  - REVELLE: December 2012
  - ATLANTIS: October 2012
  - KILO MOANA: March 2013
  - THOMPSON: June 2013

- **NSF/JMS** (desired 30 months after INSURV)
  - KILO MOANA: June 2011/March 2013
    - THOMPSON: Oct 2011
    - ATLANTIS: Jan 2012
    - REVELLE: Dec 2012

- And of course USCG, ABS, etc.
Ship Capability Improvements Planned in FY13/14

- **Atlantis** –
  - Replacement chem van & trawl winch hydraulic pumps
- **Kilo Moana** –
  - Design study for a new boat davit; Caley Crane repair
  - Power generation and control improvements
- **All Z-Drive Vessels**–
  - Thruster Improvement Study
  - Z-Drive Monitoring System for AGOR 23
- **All Global Class Vessels**–
  - DESH-5 Winch Upgrades
  - Electronic Charting and Display Systems
AGOR 23 “Mid-Life” Refit & Possible SLEP

• Scoping study completed by Glosten in Dec
  – Options include “must-do” and “nice to have” paths
    • New/replacement systems for environmental compliance
    • New/replacement systems to overcome obsolescence
    • New/replacement systems for improved ship performance

• FY15 budget request presented to CNR in Dec
  – Recommended “high option” for SLEP to 45 yrs
  – Awaiting final word, but not optimistic

• DoD FY13 Budget included $15M for AGOR

• Planning for other means to accomplish “must-do” items
ONR Fleet Activities-Ship Retirements

• Planned retirements:
  – KNORR: Due offline Spring 2014; (six months before delivery of AGOR 27 in Fall 2014)
  – MELVILLE: Due offline six months before delivery of AGOR 28 (~ Spring 2015)

• Future disposition:
  – Foreign Military Sale or Transfer
  – Navy International Programs Office
ONR OCEANOGRAPHIC RESEARCH VESSELS
--retiring in 2014 and available for sale/transfer--

AGOR 14: MELVILLE
Current Operator: Scripps Institution of Oceanography
http://shipsked.ucsd.edu/ships/melville/
Delivered - 1969
Mid-Life Upgrade - 1993
Retirement – December 2014

AGOR 15: KNORR
Current Operator: Woods Hole Oceanographic Institution
http://strs.unols.org/public/diu_ship_view.aspx?
ship_id=10037
Delivered - 1970
Mid-Life Upgrade - 1993
Retirement- Spring 2014

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