University-National Oceanographic Laboratory System
~UNOLS~

Summary of 2016 and 2017 operations and the 2018 scheduling process
UNOLS Ship Scheduling Committee Report

Committee Chair - Doug Ricketts/UMN
Committee Chair-Elect – Quentin Lewis/BIOS

Fleet Operations for 2016, 2017 and 2018

Scheduling Process:

- Chair’s Report of Committee Activities
- Executive Secretary’s Utilization Charts
2018 Process

Scheduling Meetings - San Diego, March 7 & 8, 2017
UNOLS Ship Scheduling Committee, NSF, ONR, NOAA, OOI, and UNOLS Ship Schedulers held a Ship Scheduling Meeting to begin planning ship schedules for the 2018 operating year. Hosted by Scripps in La Jolla.

Fleet Operating Days: 2008 - 2017

Note: 2017 Operating Days = funded days plus 30% of pending days
STRS System and Transit Policy

- **STRS system is being revised.** Ship schedules will account for the use of the vessels for all 365 days in a year to simplify communication with non-specialists.

  - Addition of the following text: “Exception 2: funders of Global Class Research Vessel cruises will, on a case basis, proportionally pay for transit costs to a new operational area and only incur transit costs from that operational area if they have work in the next operating area. This exception acknowledges that most vessels of this class, during some scheduling periods, are rarely at home port.”
Outlook for 2018 as of 24 May 2017

- Total Funded = 1858 & 30 % of Pending is 330 for total of 2188
  - NSF funded 1371 & NSF pending (640) or 192 @ 30 % success
  - ONR- funded 244 & ONR pending (31) or 10 @ 30 % success
  - NOAA funded 103 & NOAA pending (128) or 38 @ 30 % success
  - Other funded 140 & Other pending (303) or 91 @ 30 % success
Modifications of UNOLS STRS Schedules to account for each calendar day
May 31-June 1, 2017
## Associated Cruises

<table>
<thead>
<tr>
<th>Arr</th>
<th>Start Port/End Port</th>
<th>PI/Purpose/Project #</th>
<th>Days/Agency/Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Jan</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>/Whale Adventures/</td>
<td>13/NASA/F</td>
</tr>
<tr>
<td>19 Jan</td>
<td><strong>Woods Hole/New York</strong></td>
<td>Transl/NYC PR Event/</td>
<td>3/INST-WHOI/F</td>
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<td>23 Jan</td>
<td><strong>New York/Woods Hole</strong></td>
<td>Outreach/NYC PR Event/</td>
<td>3/INST-WHOI/NonOp</td>
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<tr>
<td>03 Feb</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>Available/</td>
<td></td>
</tr>
<tr>
<td>18 Feb</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>Maintenance/</td>
<td></td>
</tr>
<tr>
<td>22 Feb</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>Inspection/</td>
<td></td>
</tr>
<tr>
<td>27 Feb</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>Out of Service/</td>
<td></td>
</tr>
<tr>
<td>29 Mar</td>
<td><strong>Woods Hole/Woods Hole</strong></td>
<td>Lay Day/</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Agency</th>
<th>Funded</th>
<th>Pending</th>
<th>Total</th>
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<tbody>
<tr>
<td>INST</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>NASA</td>
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<td>13</td>
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<tr>
<td>Total</td>
<td>16</td>
<td>0</td>
<td>16</td>
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### Non-Charge Days

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<tr>
<td>Available</td>
<td>11</td>
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<tr>
<td>Inspection</td>
<td>4</td>
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<tr>
<td>LayDay</td>
<td>30</td>
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<tr>
<td>Maintenance</td>
<td>15</td>
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<tr>
<td>OutOfService</td>
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<tr>
<td>Outreach</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

### Load/Unload Days

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<th>Total</th>
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</thead>
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<tr>
<td>LoadNonCharge</td>
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<tr>
<td>UnloadNonCharge</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>5</td>
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</tbody>
</table>
### Detailed Cruise Search

**To select and de-select multiple items:**
- On a PC, hold the CTRL key while clicking
- On a MAC, hold down the Command key while clicking
- On a unix workstation, just click

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#### Search For Cruises With

**Agency(s):**
- ACOE --- U.S. Army Corps of Engineers
- BOEM --- Bureau of Ocean, Energy Mgmt., (was MMS)
- DOE --- Department of Energy
- EPA --- Environmental Protection Agency
- GOMRI --- Gulf of Mexico Research Initiative
- INST --- Institution

**Year:**
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005

**Area(s):**
- AN01
- AN02
- AN03
- AN04
- AN05
- AN06

**Ancillary Facility(s):**
- Helicopter Ops (USCG)
- Twin Otter
- Unmanned Aerial Systems (UAS)
- Other AUV
- Sentry
- Jumbo Piston Coring

**View Map**

**Schedule Status(s):**
- Final

**Institution(s):**

**Funding Status(s):**
- To Be Submitted
- Pending
- Funded
- Withdrawn
- Declined

**Instrument(s):**
- Living
- Radiosotope use - briefly describe
- NO Radiosotope use/Natural level work
- Other Operator Provided Inst. -- Describe
- FPI-Provided Vans - briefly describe
- MOCNESS

**Modified in the last:**
- Day
- Week
- Two Weeks
- Month
- Two Months

**Ship(s):**
- Alpha Helix
- Alvin
- Atlantic Explorer
- Atlantis
- Blue Heron
- Cape Hatteras

**Foreign Clearance:**
- NO

**Coastal State(s):**

**Member(s):**

**Select Members**

**Select Institutions**

**Select Coastal States**
Updates to Cruise Search Tool

• Search on which cruises required foreign clearances
• Search on which ships operated in US EEZ (We added US EEZ as a “coastal state”)
• Search on which cruises operated in High Seas
• Search on Funding Source
• Search on type of work being done
• Search on ports of call
• Search on areas of operation
• Search on Environmental clearances required