University-National Oceanographic Laboratory System
~UNOLS ~

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

Committee Chair - Doug Ricketts/UMN
Committee Chair-Elect – Richard Behn/RSMAS

Fleet Operations for 2016 & Outlook for 2017:

• Chair’s Report of Committee Activities
• Executive Secretary’s Utilization Charts
2017 Process

Scheduling Meetings- San Diego, March 24-25, 2016
UNOLS Ship Scheduling Committee, NSF, ONR, NOAA, OOI, and UNOLS Ship Schedulers held a Ship Scheduling Meeting to begin planning ship schedules for the 2017 operating year. Hosted by UAF aboard the R/V Sikuliatq at MARFAC-Scripps. The focus was on the global, ocean, and intermediate class of ships.

Scheduling Meeting Narragansett, RI, Hosted by URI/GSO- All Schedulers
Telephone Conferences for all classes of vessels to develop Drafts & Letters of Intent throughout 2016. Published 2017 Schedules in September of 2016.
Fleet Operating Days: 2007 - 2017

Ship Days Funded

<table>
<thead>
<tr>
<th>Year</th>
<th>Operating Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>4,400</td>
</tr>
<tr>
<td>2009</td>
<td>4,300</td>
</tr>
<tr>
<td>2010</td>
<td>4,000</td>
</tr>
<tr>
<td>2011</td>
<td>3,900</td>
</tr>
<tr>
<td>2012</td>
<td>3,800</td>
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<tr>
<td>2013</td>
<td>3,700</td>
</tr>
<tr>
<td>2014</td>
<td>3,600</td>
</tr>
<tr>
<td>2015</td>
<td>3,500</td>
</tr>
<tr>
<td>2016 EST</td>
<td>3,400</td>
</tr>
<tr>
<td>2017 EST</td>
<td>3,300</td>
</tr>
</tbody>
</table>
Ship Demand and Ship Days Funded

[Graph showing the trend of ship days requested, ship days funded, and the number of ship time requests from 2008 to 2017.]
• STR 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.

• Transit policy has been revised and goes into effect in 2017.

• R/V Blue Heron replacement
Revised Transit Policy

Example 1:

Home → Port

Operational

Cruise A
Cruise B
Cruise C

Area Z

Funder Cruise A
Funder Cruise B
Funder Cruise C

ALL TRANSIT COSTS DIVIDED PROPORTIONALLY
Revised Transit Policy

Example 2:

Home

Port

Operational

Cruise 1
Cruise 2
Cruise 3

Area Y

Funder Cruise 1
Funder Cruise 2
Funder Cruise 3

TRANSIT COSTS FROM HOME PORT DIVIDED PROPORTIONALLY

Cruise 4
Cruise 5
Cruise 6

Area Z

Funder Cruise 4
Funder Cruise 5
Funder Cruise 6

TRANSIT COSTS TO HOME PORT DIVIDED PROPORTIONALLY

TRANSIT COSTS TO OP AREA Y FROM OP AREA Z DIVIDED PROPORTIONALLY BETWEEN ALL SIX FUNDERS