



# 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

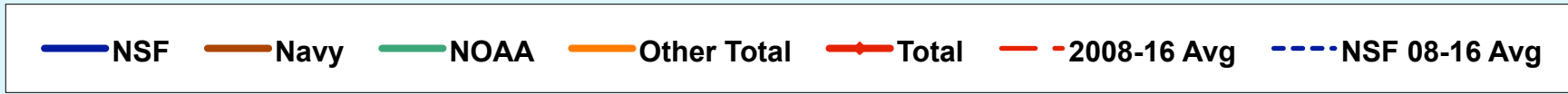
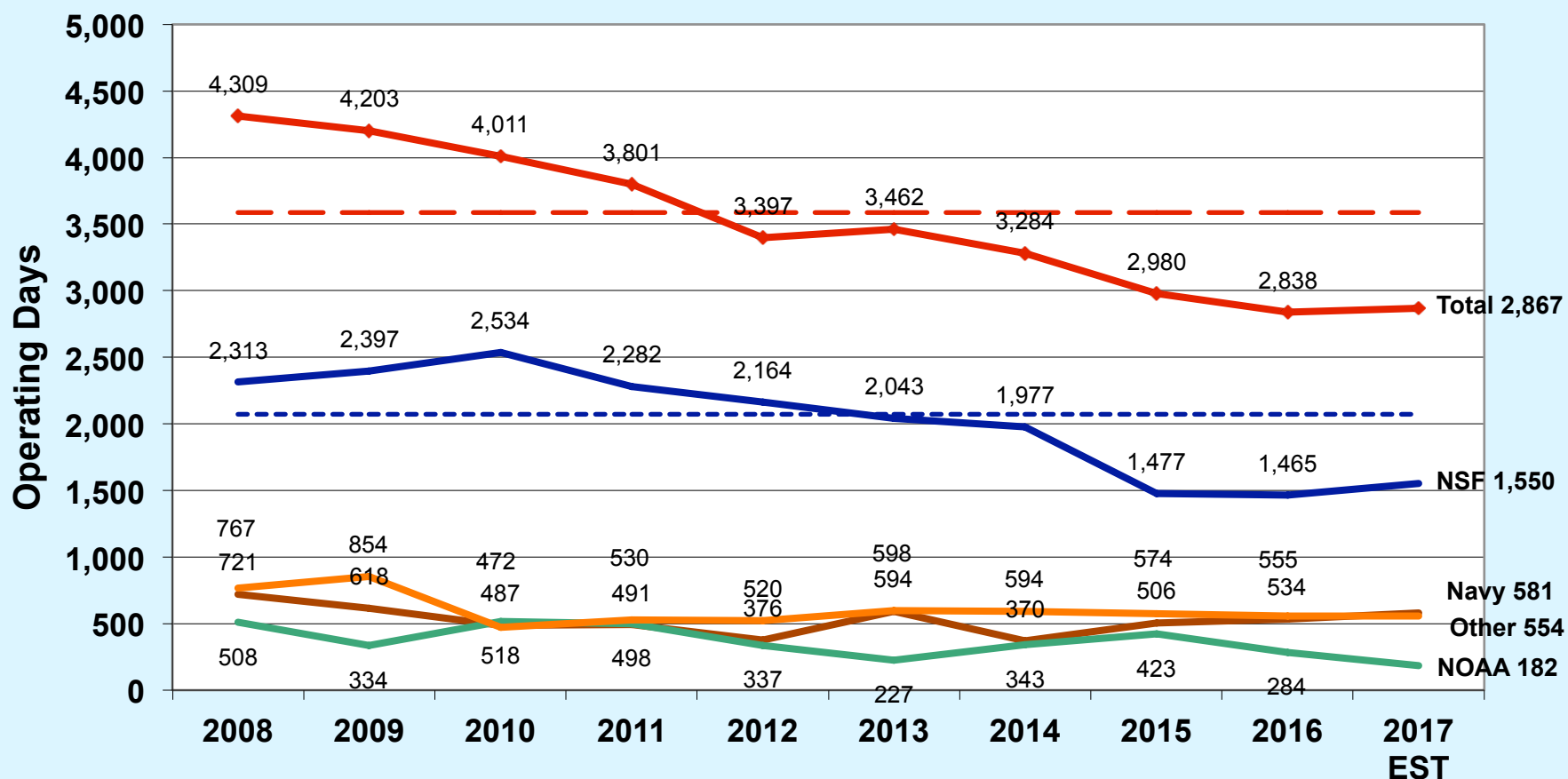
Scheduling Meetings - San Diego, March 7 & 8, 2017

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.

Telephone Conferences for all classes of vessels to develop Drafts & Letters of Intent throughout 2017. Expect to publish 2018 Schedules in September of 2017.

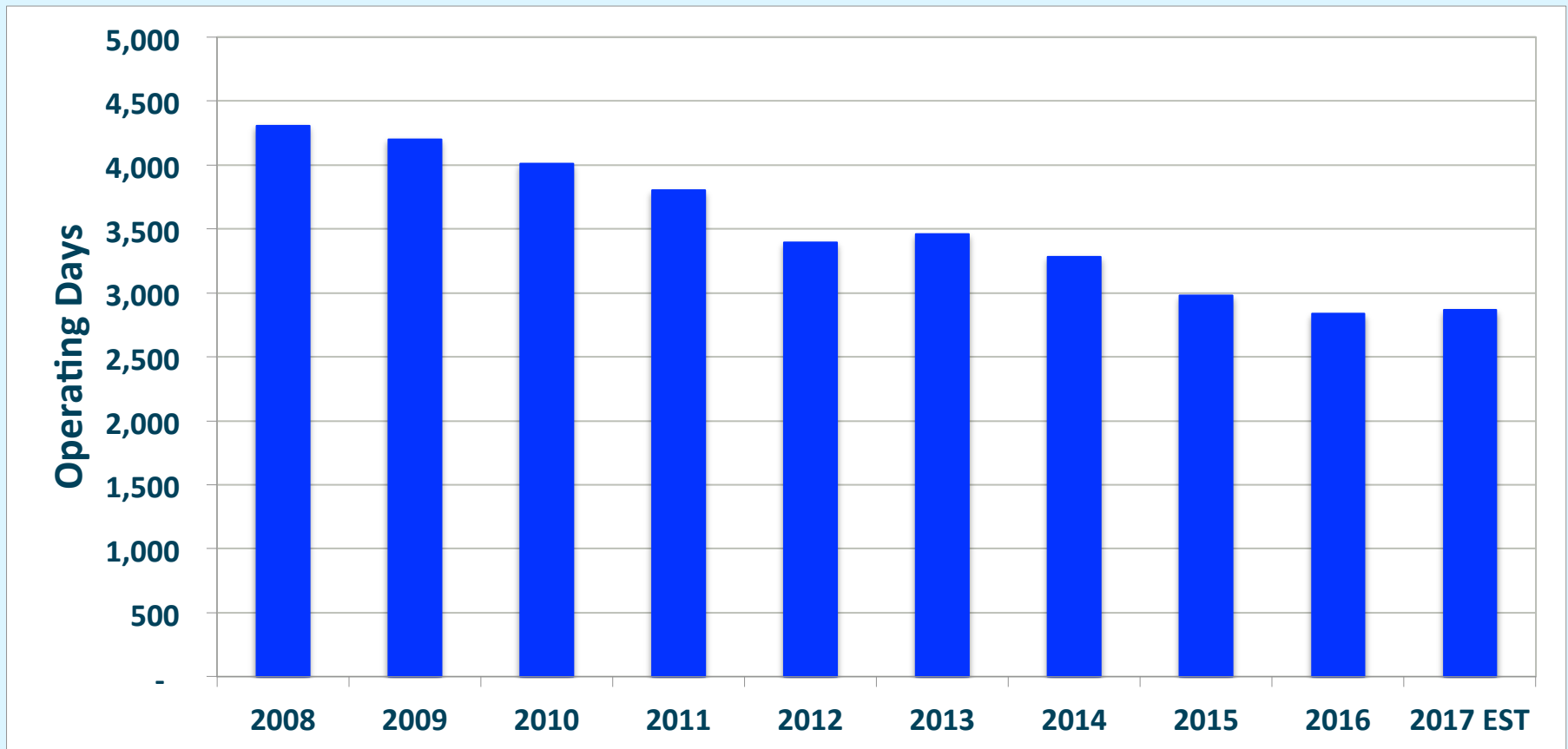


## UNOLS Fleet Utilization (2008 - 2017)

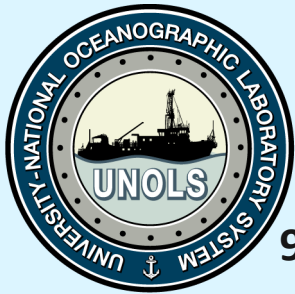




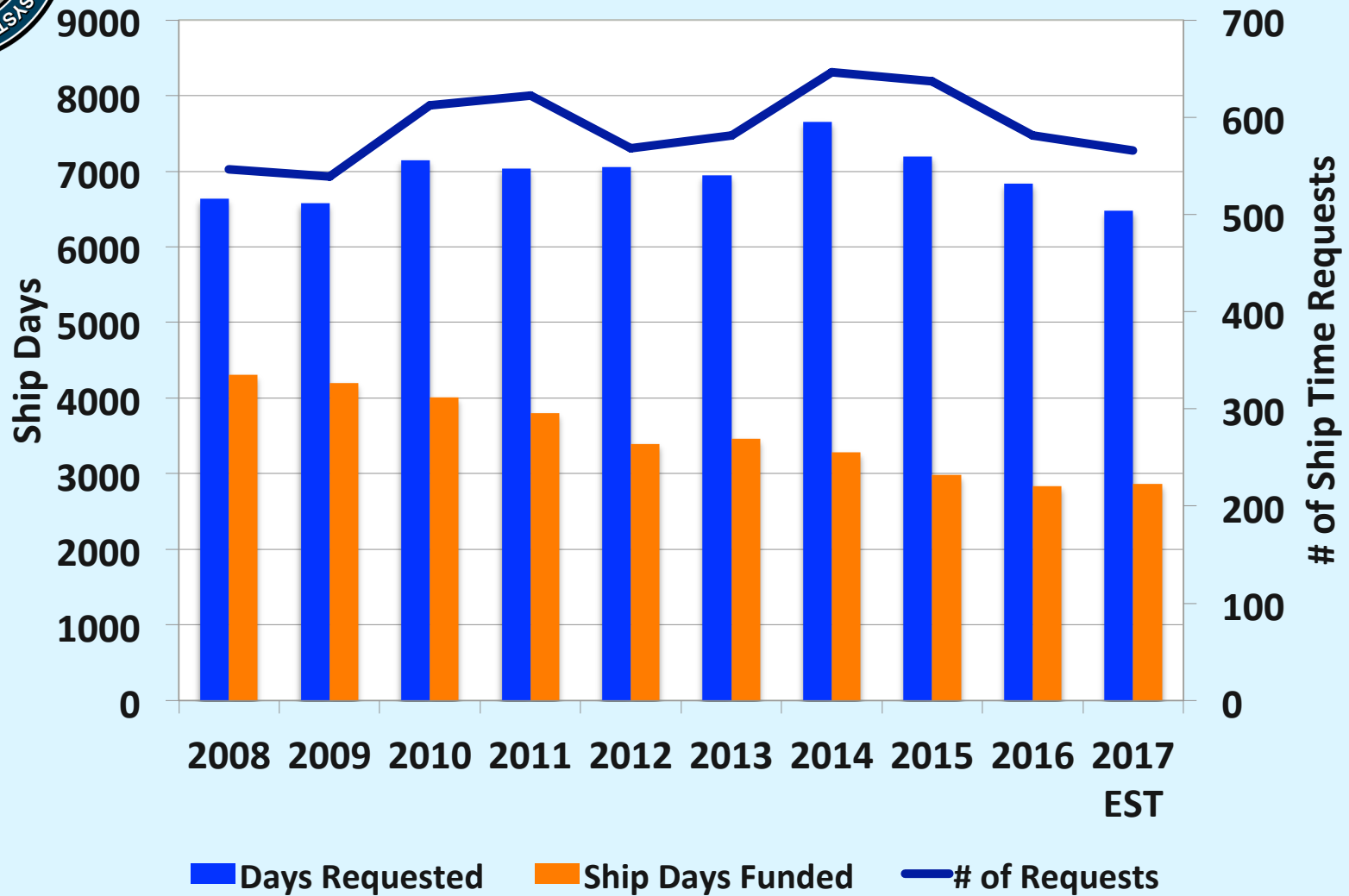
# Fleet Operating Days: 2008 - 2017



**Note: 2017 Operating Days = funded days plus 30% of pending days**



## Ship Demand and Ship Days Funded





# 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.
- **Transit Policy** - Final modification to transit policy – rev10\_dated 10 April 2017.
  - 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





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**Modifications of UNOLS STRS Schedules to account  
for each calendar day  
May 31-June 1, 2017**



**Notes:**

**Private Notes:**

**Details**  **Set Default** **Associated Cruises**

<i>Arr</i>	<i>Start Port/End Port</i>	<i>PI/Purpose/Project #</i>	<i>Days/Agency/Status</i>
15 Jan	<a href="#">Woods Hole/Woods Hole</a>	/Whale Adventures/	13/NASA/F \
19 Jan	<a href="#">Woods Hole/New York</a>	Transit/ NYC PR Event/	3/INST-WHOI/F \
23 Jan	<a href="#">New York/Woods Hole</a>	Outreach/ NYC PR Event/	3/INST-WHOI/NonOp \
03 Feb	<a href="#">Woods Hole/Woods Hole</a>	Available/	\
18 Feb	<a href="#">Woods Hole/Woods Hole</a>	Maintenance/	\
22 Feb	<a href="#">Woods Hole/Woods Hole</a>	Inspection/	\
27 Feb	<a href="#">Woods Hole/Woods Hole</a>	Out of Service/	\
29 Mar	<a href="#">Woods Hole/Woods Hole</a>	Lay Day/	\

<i>Agency</i>	<i>Funded</i>	<i>Pending</i>	<i>Total</i>
INST	3	0	3
NASA	13	0	13
<b>Total</b>	<b>16</b>	<b>0</b>	<b>16</b>

<i>Non-Charge Days</i>	<i>Total</i>
Available	11
Inspection	4
LayDay	30
Maintenance	15
OutOfService	5
Outreach	3
<b>Total</b>	<b>68</b>

<i>Load/Unload Days</i>	<i>Total</i>
LoadNonCharge	3
UnloadNonCharge	2
<b>Total</b>	<b>5</b>

### 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

#### Search For Cruises With

**Member(s):** [Select Members](#)

<b>Year:</b> 2000 2001 2002 2003 2004 2005	<b>Agency(s):</b> 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	<b>Funding Status(s):</b> To Be Submitted Pending Funded Withdrawn Declined	<b>Ship(s):</b> Alpha Helix Alvin Atlantic Explorer Atlantis Blue Heron Cape Hatteras
<b>Area(s):</b> AN01 AN02 AN03 AN04 AN05 AN06	<b>Ancillary Facility(s):</b> Helicopter Ops (USCG) Twin Otter Unmanned Aerial Systems (UAS) Other AUV Sentry Jumbo Piston Coring	<b>Instrument(s):</b> Diving Radioisotope use - briefly describe NO Radioisotope use/Natural level work Other Operator Provided Inst. - Describe PI-Provided Vans - briefly describe MOCNESS	<b>Modified in the last:</b> Day Week Two Weeks Month Two Months
<b>Schedule Status(s):</b> Final	<b>Institution(s):</b> <a href="#">Select Institutions</a>	<b>Foreign Clearance:</b> NO	<b>Coastal State(s):</b> <a href="#">Select Coastal States</a>



# 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