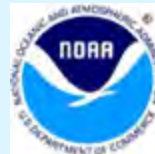




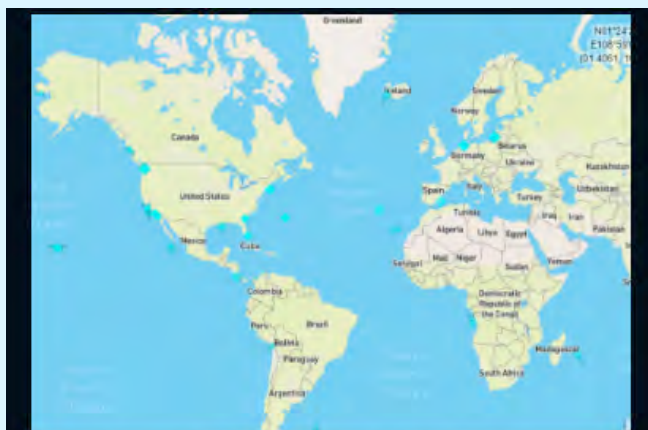
UNOLS Year in Review: November 2016 to November 2017

**UNOLS Annual Meeting
Alexandria, VA
November 29-30, 2017**





UNOLS Year in Review: *Fleet Operations in 2017*



What are our ships up to?

- 2017 Fleet Utilization:
 - 18 ships in service
 - 3128 Operating Days
- Unplanned Events - Hurricanes Harvey, Irma, Maria, and subsequent UNOLS vessel response to RAPID proposals

- Modification to the UNOLS Ship Time Request System to show 365 days of activity types

Agency	Funded	Pending	Total
ACOE	40	0	40
INST	2	0	2
NASA	13	0	13
NAVY	1	0	1
NSF	154	0	154
Total	210	0	210

Day Type	Total
Available for Service	35
Transit Cruise	39
Inspection	3
Lay Days	29
Maintenance	60
Null	13
At Sea for Science	144
Out of Service	25
Outreach	2
Total	350

Load/Unload Days	Total
ChargeLoad	4
ChargeUnload	2
NonChargeLoad	5
NonChargeUnload	4
Total	15



UNOLS Year in Review: *Fleet Modernization Efforts*

- Mid-Life Refit of Global Ships:
 - R/V *Thompson* mid-life is almost complete and sea trials are underway
 - Mid-life refit plans for R/Vs *Revelle* and *Atlantis* are underway



- Regional Class Research Vessels:
 - Construction stage started in July 2017.
 - OSU Contract with Gulf Island Shipyards for one ship (two more ships as options)



- U. Washington acquires R/V *Rachel Carson* to replace *Barnes*



UNOLS Year in Review: *Civility at Sea Initiatives*

Promoting a Positive Work Environment at Sea was a major focus:

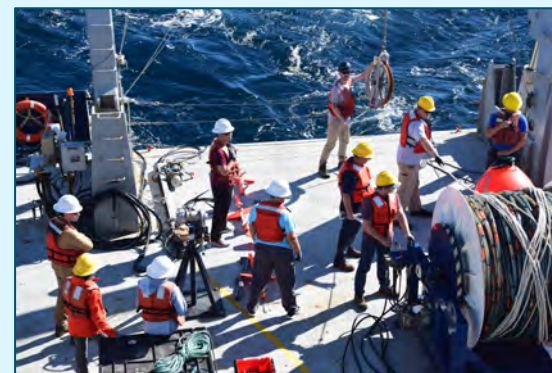
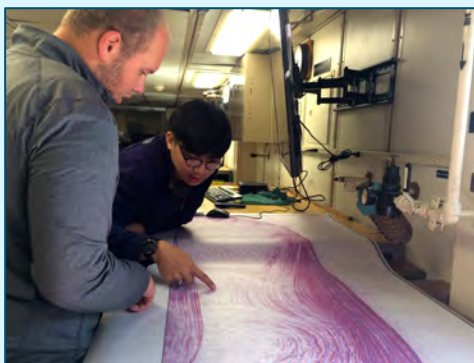
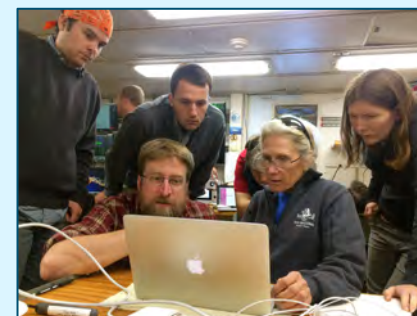
- UNOLS ad hoc committee transitioned to a Special Committee: Maintaining an Environment of Respect Aboard Ships (MERAS)
- UNOLS Safety Committee has revised the RVSS, Chapter 6- "Personal Behavior and Individual Safety" and Appendix E- "Harassment Prevention".
- A video project is underway, Shipboard Civility: Fostering a Respectful Work Environment





UNOLS Year in Review: *Early Career Opportunities Continue*

- Renewal of the STEM-SEAS Proposal to use transits on UNOLS ships
- 2017 Chief Scientist Training Workshops:
 - Marine Seismic Cruise on R/V *Roger Revelle*
 - R/V *Blue Heron*
- DESSC New User Workshops
 - December 2016 - San Francisco
 - December 2017 – New Orleans





UNOLS Year in Review: *International and Local Events*

UNOLS Booth at GSO Open House

- Over 3,000 visitors and over 500 people toured R/V *Endeavor*.



IRSO 2017 - Yokosuka, Japan

- UNOLS provides assistance with IRSO agenda and attends meeting





UNOLS Year in Review: *Studies, Policies, & Guidance Docs*

- UNOLS Transit Policy Published
- White Papers:
 - Foreign Clearances and Working in Foreign Ports
 - Public Vessels
 - In development: *Investigating the Deep Ocean using Telepresence: State of the Art and Future Recommendations*
- Post Cruise Report- Revamping Project
- In development- Unmanned Aerial Systems (UAS) Operations from UNOLS Ships: Operator's Handbook





UNOLS Year in Review: *Office, Council, and Committees*

- Transition of the Marcus Langseth Science Oversight Committee (MLSOC) to the Marine Seismic Research Oversight Committee (MSROC)
- NSF forms the OOI Facility Board. The UNOLS Ocean Observatories Science Committee (OOSC) is retired.

