

THE
UNIVERSITY
OF RHODE ISLAND
GRADUATE SCHOOL
OF OCEANOGRAPHY

THINK BIG  WE DO



GREEN BOATS AND PORTS FOR BLUE WATERS

A Workshop to Promote Environmental
Sustainability of Boats and Ports
April 8-9, 2014



Green Boats and Ports for Blue Oceans

Acknowledgements

11th Hour Sailing- Primary Sponsor

Jeremy Pochman, Co-Founder and Director

Rob MacMillan, Co-Founder and Advisor

Kate Neubauer, Program Manager

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Green Boats and Ports for Blue Oceans

Acknowledgements

Amy Smith, Dean's Office

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Diana Blanda, URI Special Events

David Palazzetti, Kathy Beck, Deb Coty, Dean's Office

Sara Hickox, Darrell McIntire, Frank Baker, Office of Marine Programs

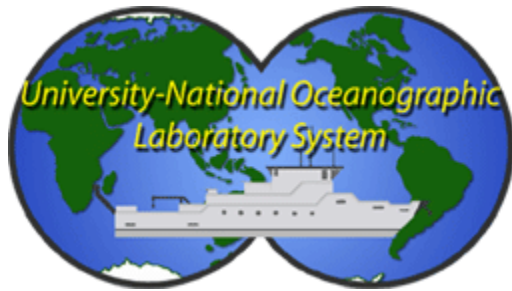


Green Boats and Ports for Blue Oceans

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Workshop speakers



UNOLS

UNOLS: University-National Oceanographic Laboratory System

*Founded in 1971

*60 U. S. institutions with ocean science programs

*16 UNOLS operator institutions

- 21 oceanographic research vessels


- National Deep Submergence Facility (WHOI)


- National Oceanographic Aircraft Facility


- National Oceanographic Seismic Facility (LDEO)

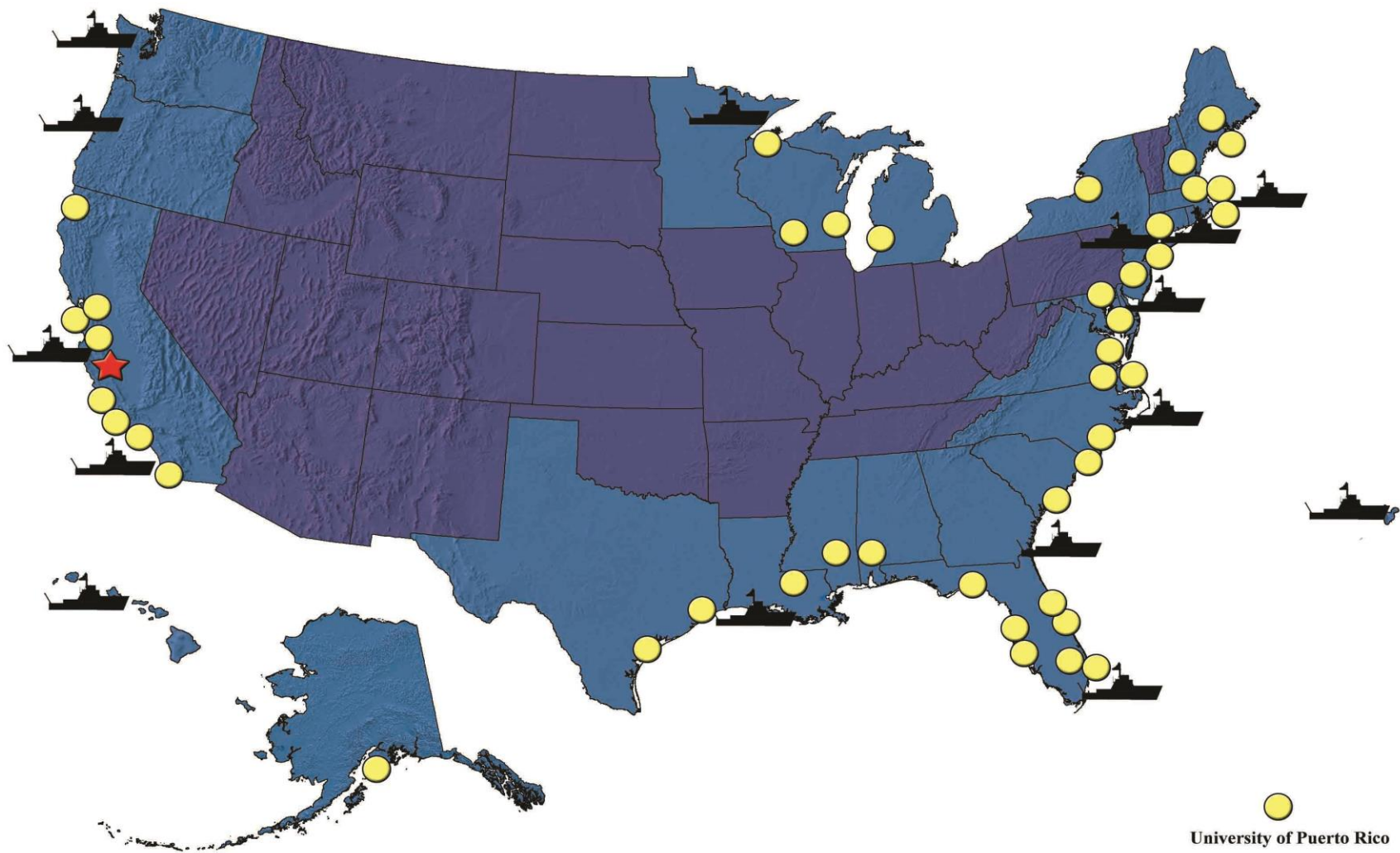
~ \$1.5 billion assets

UNOLS MEMBERSHIP

 **Operator Institution**
Note: Symbol indicates home port location. Multiple ships may operate from a single location.

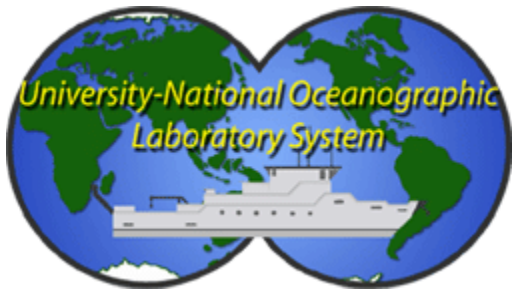
 **Non-Operator Institution**

 **National Oceanographic Aircraft Facility Operator**



 **Smithsonian Tropical Research Institute - Panama**

 **University of Puerto Rico**



2010 UNOLS GOAL

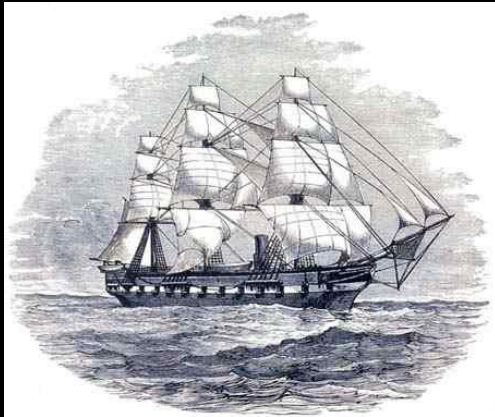
"Greening the Fleet – UNOLS should explore how to make the present and future fleet more environmentally sustainable. New and existing technologies and practices should be used in the construction, operation, and recycling of research vessels and UNOLS should take a leadership role in promoting a green U.S. research fleet, as we move forward in developing the academic fleet."



Greening the Research Fleet

January 10-11, 2012

Nicholas School of the Environment
Duke University



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Green Boats and Ports for Blue Oceans

OBJECTIVES

- 1) Promoting environmental sustainability within marine vessels and ports in the New England region;
- 2) Development of guidelines for construction, operation and recycling of vessels and future port development;
- 3) Identifying business opportunities promoting green vessels and ports in New England;
- 4) Connect the recreational boating industry with key leaders in environmental sustainability to assist them in operating in a more environmentally sustainable way.

Ocean sustainability: Solutions to environmental problems