

#### 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."

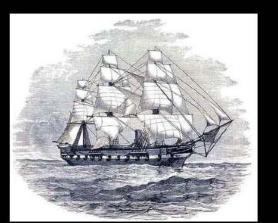






#### Greening the Research Fleet

January 10-11, 2012



Nicholas School of the Environment

Duke University









### 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

11<sup>th</sup> Hour Sailing- Primary Sponsor

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Rob MacMillan, Co-Founder and Advisor

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Additional support from Braemer Energy, Utilidata, UNOLS



## **Green Boats and Ports for Blue Oceans**

- Hybrid propulsion
- Biofuels
- Biolubricants
- Innovations with Large Mega-Yachts
- Commercial vessel greening
- Cruise boats and environmental sustainability
- U.S. Navy Green Fleet
- Recycling Fiberglass Boats



# **Green Boats and Ports for Blue Oceans**

- Website @ UNOLS
- Supported by UNOLS, Annette DeSilva, Jon Alberts
- Green Boats and Ports III: 2016