



UNOLS is turning 40!



R/V Trident



R/V Kilo Moana

*Please join us at the
UNOLS Annual Meeting
on October 25-26th, 2011
to begin our 40th anniversary
celebration.*



UNOLS: 2012

- ◆ Ocean Class design
- ◆ Regional Class plans
- ◆ R/V/ Sikuliaq
- ◆ Alvin upgrade
- ◆ Refresh of SMR for Polar Research Vessel
- ◆ UNOLS ships in Gulf of Mexico
- ◆ NOAA and UNOLS cooperation
- ◆ UNOLS Ship Classification
- ◆ Early Career Cruises



UNOLS SPEAKER SERIES


- * To establish a speaker series to highlight UNOLS ships and oceanographic research and to serve as an outreach activity to non-UNOLS colleges and universities
- * Particular attention given to institutions with under-represented minorities in the marine sciences
- * Series to run for three years beginning in spring 2012.





Proposed procedures:

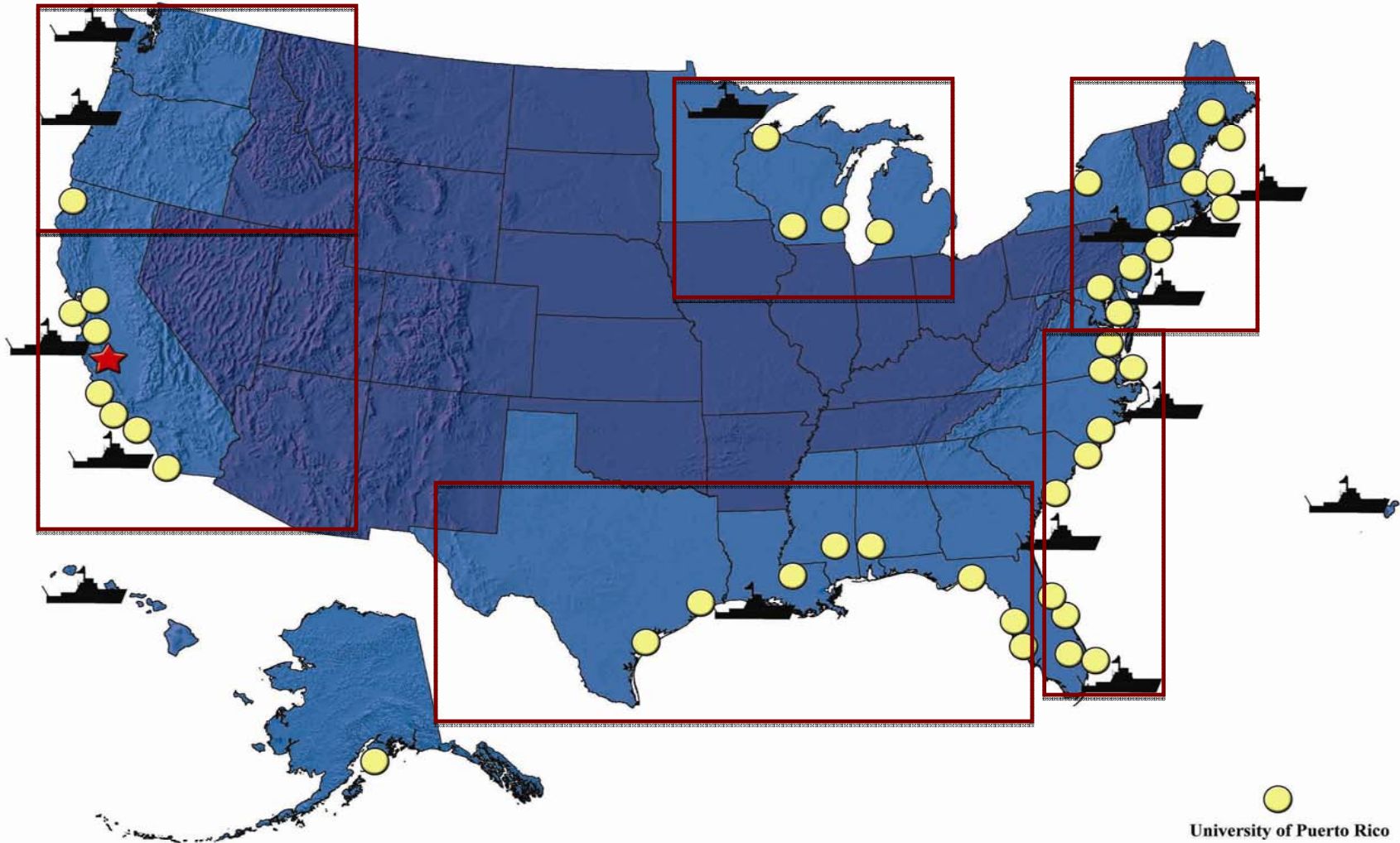
- * Divide membership into 8 regions
- * Identify minority undergraduate programs
- * 1-2 UNOLS reps in each region to recruit speakers and coordinate speaker series
- * Funding for regional travel from UNOLS budget

UNOLS MEMBERSHIP

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

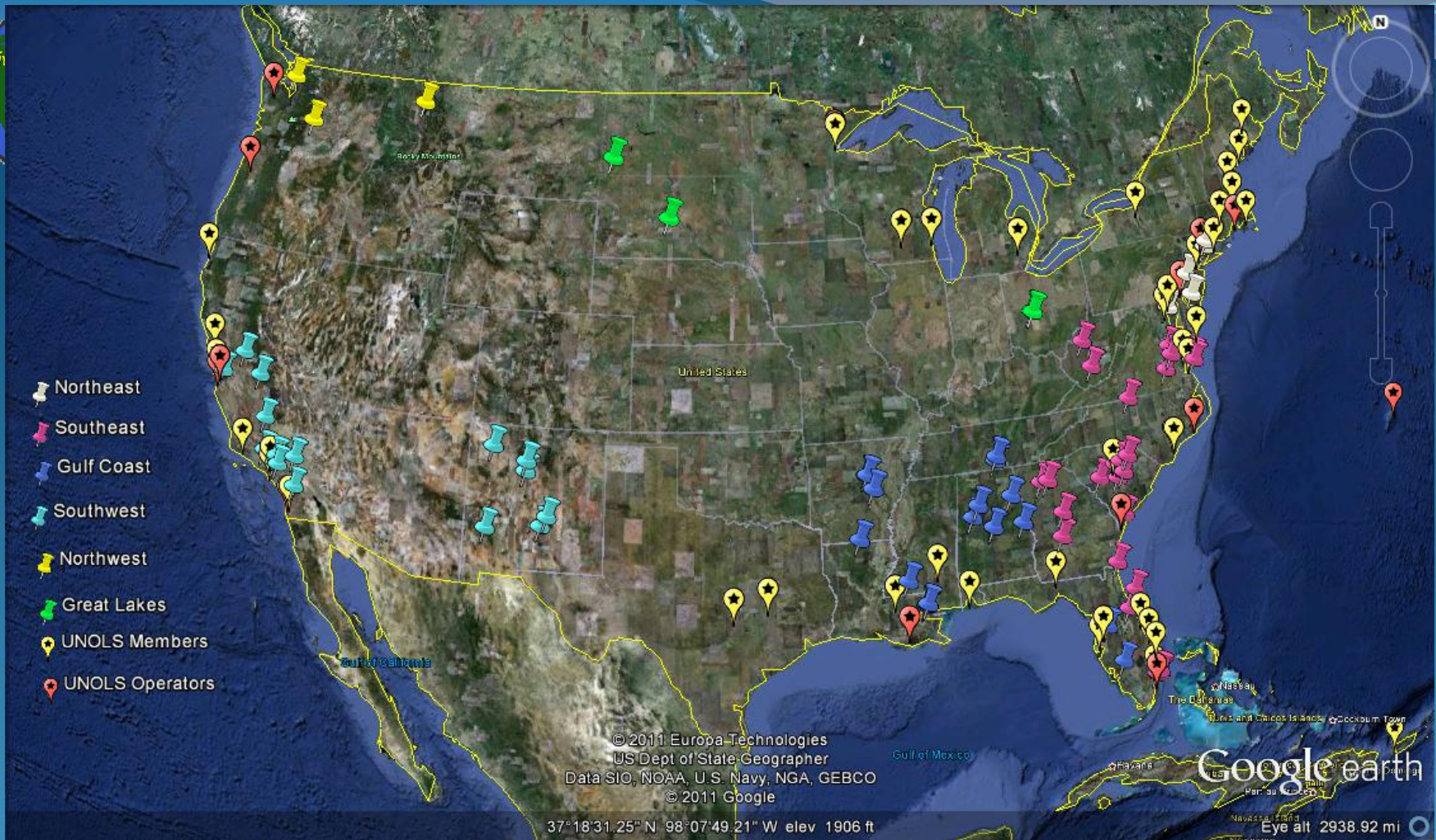
 **Non-Operator Institution**

 **National Oceanographic Aircraft Facility Operator**



 Smithsonian Tropical Research Institute - Panama

 University of Puerto Rico





Regional Coordinators:

Northwest: Bob Collier (OSU)

Southwest: Bruce Applegate (SIO)

Northeast: Mary Jane Perry (Univ. of Maine)

Southeast: Peter Ortner (RSMAS)

Gulf Coast: Vernon Asper (Univ. of Southern Miss.)

Great Lakes: Doug Ricketts

Alaska:

Hawaii:



Greening the U.S. Academic Fleet: A UNOLS Workshop

Objective: An Assessment of Current Technologies, Designs and Practices for Environmentally Sustainable Research Vessels

Time: January 10-11, 2012

Location: Nicholas School of the Environment, Duke University, Durham, NC

Composition: 25-30 invitees, with representation from Council, RVOC, RVTEC, FIC, NSF, Navy, NOAA, architects and naval designers, industry, and marine scientists interested in attending.



Participants to date:

NSF

ONR

NOAA

Glosten Associates

JMS Naval Architects and Salvage Engineers

Alaris Companies

ARUP

Foss Maritime

Lloyd's Registry

Kluber Lubrication North America

National Marine Facilities Sea Systems; Southampton

Eurofleet Project

Royal Caribbean Cruises



Early Career Scientist – Cruise Training Program Participants Program

- teach early career marine scientists how to effectively plan for, acquire, utilize and report on time at sea for multi-disciplinary research and education
- demystify the process of ship operations and fulfill the intent of UNOLS to improve access to existing and future facilities
- offer new investigators opportunities to test compelling research ideas, work collaboratively and acquire samples critical for developing future oceanographic field programs



Early Career Scientist – Cruise Training Program Participants- Cruise 2

Amy Maas, WHOI

**Craig McClain, National Evolutionary
Synthesis Center**

Paul Suprenand, U of South Florida

Jennifer McCay, Oregon State U

Danielle Wain, U of Washington

Meghan Powers, UC Santa Cruz/MBARI

Laurel Childress, Northwestern U

Sarah Hardy*, U of Alaska Fairbanks

William Browne, U of Miami

Pincelli Hull, Yale University

**Henk-Jan Hoving, Monterey Bay Aquarium
Research Institute**

Karen Osborn, Smithsonian

**Zoltan Szuts*, Max Planck Institute for
Meteorology**

Heather Beem, MIT/WHOI

** co-chief scientist*



Mentors/Marine Technicians

Clare Reimers, Oregon State University

Maureen Conte, BIOS/MBL

Daryl Swensen, Oregon State University

Chris Moser, Oregon State University



Early Career Scientist – Cruise Training Program

- Chief Scientist Training Opportunity with one cruise training cruise per year
- Clare Reimers will be the lead PI on this program. She will work with NSF to determine program feasibility and ship/cruise options.



2012 Goal

* To evaluate the size and composition of the fleet for the next 5-10 years

1. 2012 Non-operator committee with UNOLS office and agencies to estimate the number of days or funding levels per year needed, with surge capability estimated as well.

2. FIC will provide an evaluation of fleet needs and scenarios to meet these needs using target numbers, and submit a report to Council and Non-operator committee

3. Non-operator committee will submit recommendations to Council

4. Council will make recommendations to federal agencies, and FIC and Non-operator committees reports shared with agencies.