

NOAA's Ship and Aircraft Support Office of Marine and Aviation Operations (OMAO)



University-National Oceanographic Laboratory System (UNOLS)
Annual Meeting

Arlington, VA

23 October, 2012



Overview

- ✔ **Fleet Overview**
- ✔ **Vessel Operations**
- ✔ **New Ships**
- ✔ **UNOLS Vessel Support**
- ✔ **Joint NOAA/UNOLS Shipboard Tech. Training**



NOAA Ships and Homeports in 2012

● **KETCHIKAN , AK (1)**



Fairweather

● **KODIAK , AK (1)**



Oscar Dyson

20 Ships
11 Homeports

Ferdinand R. Hassler



Delaware li

MOC-PACIFIC
Newport, OR
(4)



Bell M. Shimada



Rainier



McArthur II



Miller Freeman

NEW CASTLE, NH (1)

WOODS HOLE (2)

DAVISVILLE, RI (1)



Henry B. Bigelow



Okeanos Explorer

MOC-ATLANTIC
NORFOLK, VA
(1)



Thomas Jefferson

SAN DIEGO (1)

CHARLESTON (2)

PASCAGOULA
(3)



Reuben Lasker
(Under Construction)



Gordon Gunter



Ronald H. Brown



Nancy Foster

MISSIONS
Nautical Charting
Fisheries Survey
Oceanographic Research
Ecosystem Survey
Ocean Exploration
Climate Survey



Pisces



Oregon li



Hi'ialakai



Oscar Elton Sette



Ka'imimoana

PEARL HARBOR (3)





Vessel Operations

- ✓ **FY2013 Budget under Continuing Resolution**
- ✓ **3000 Operating Days**
- ✓ **15 Ships currently operating**
- ✓ **4 Ships will be offline this year**
 - ✓ *Delaware II – Decommissioned*
 - ✓ *Miller Freeman – Decommissioning scheduled*
 - ✓ *McArthur II*
 - ✓ *Ka'imimoana*



New Ships

FSV-6 Marinette, WI



Reuben Lasker

(Credit: Val Ihde, Marinette Marine Corp.)



Ferdinand R. Hassler



UNOLS Vessel Support

☑ **FY12 – 311 Operating Days**

- ☑ *Atlantis* Canadian Hydrography
- ☑ *Clifford A. Barnes* Habitat
- ☑ *Endeavor* Habitat
- ☑ *Walton Smith* Habitat/Western Boundary
- ☑ *Hugh Sharp* Fisheries Survey
- ☑ *Melville Weller* Mooring
- ☑ *New Horizon* CalCofi
- ☑ *Pelican* GOM
- ☑ *Roger Revelle* Vents
- ☑ *Savannah* Fisheries Survey



UNOLS Vessel Support

☑ **FY13 – 442 Operating Days planned**

☑ ***Clifford A. Barnes* Puget Sound**

☑ ***Walton Smith* Habitat/Western Boundary**

☑ ***Hugh Sharp* Fisheries Survey**

☑ ***New Horizon* CalCofi**

☑ ***Pelican* GOM**

☑ ***Savannah* Fisheries Survey**

☑ ***Thompson* Vents**



Joint NOAA/UNOLS Technician Training

- ✓ 17-20 January 2012 Newport, OR
 - ✓ Develop baseline knowledge of data and sample collection
 - ✓ Coordinated by NOAA and UNOLS
 - ✓ First session - 4 days
 - ✓ 30 Attendees (14 NOAA, 16 UNOLS)
- ✓ Subjects
 - ✓ Electronics
 - ✓ Seabird Electronics CTDs Functionality and Oceanography
 - ✓ Sound Velocity and Acoustics
 - ✓ Multibeam and Single-beam
 - ✓ Sound Propagation in Water
 - ✓ ADCP Operations
 - ✓ SAMOS and Data Quality
 - ✓ Met. Instruments at Sea



Collaborative Opportunities

- ✔ **Joint NOAA/UNOLS Technician Training**
- ✔ **Environmental Compliance Training
(proposed)**
- ✔ **Scheduling Portal hosted by UNOLS**