NOAA's Ship and Aircraft Support

Office of Marine and Aviation Operations (OMAO)









University-National Oceanographic Laboratory System (UNOLS) Research Vessel Operator's Committee Meeting

Scripps Institution of Oceanography

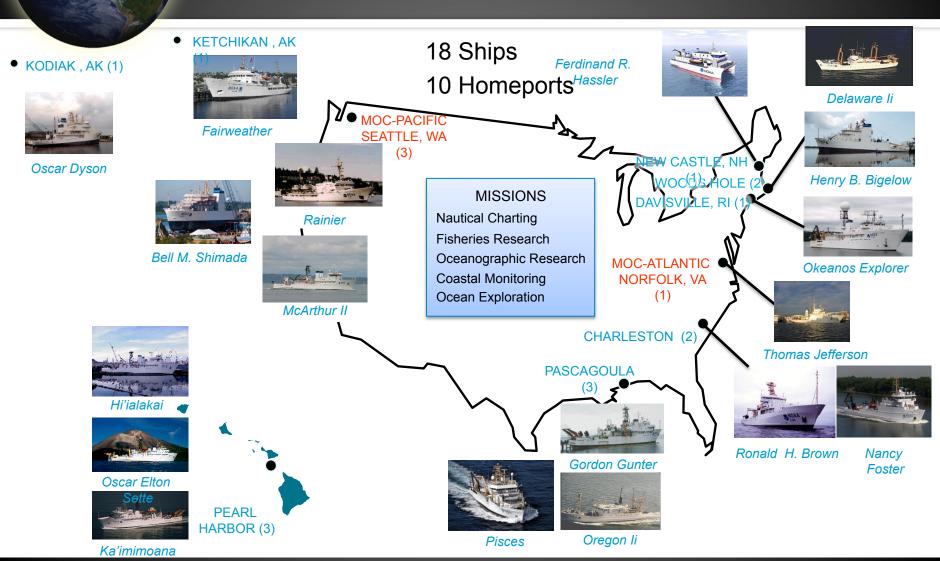
26-28 April



Overview

- Fleet Overview
- Vessel Operations
- New Ships
- Deepwater Horizon Assessment
- Greening Efforts
- Wage Marine External Operator Review
- Pacific Vessel Homeporting: Newport, Oregon

NOAA Ships and Homeports in FY2011





Vessel Operations

- FY2011 Budget Approved
- Awaiting OMAO Budget from NOAA
- Expect to continue at planned schedule
- May have funding for additional operations
- Only 5 months remain in FY
- 3300 Operating Days
- 18 Ships



New Ships

FSV-6 Marinette, WI



Reuben Lasker



Ferdinand R. Hassler



Deepwater Horizon Assessment

- McArthur II dedicated to NOAA assessment work
 - 150 Sea Days planned through September
 - AUV, MOCNESS, CTD, SEAMAP, etc.
- Pisces
 - 100 Sea Days planned through September
 - Deep Trawls
 - Deepwater Crab Survey
- Oregon II
 - 30 Sea Days
 - Plankton Surveys



"Greening" Efforts

- **Solution** Sconverted the *Okeanos Explorer* to biodegradable stern tube lubricant
- Fuel metering Rainier pilot project is underway
- Quarterly "Green Fleet" newsletter raising awareness of environmental impacts; focusing on ships and ship support
- Collecting sulfur-content from bunker reports
- Fleet is compliant with NPDES Vessel General Permit



"Greening" Efforts

FY2012 Initiatives

- Shimada purchasing a hybrid launch
- Fuel metering Installation on an additional 5 ships
- Thomas Jefferson upgrades to lighting and HVAC as a result of energy audit
- Considering T-AGOS repower with CAT C-32 for one ship with options for more in future
- Oily Water Separator upgrades on 3 ships
- Halon replacement conversion on 2 ships
- Topside hydraulic hose and tube replacement on 4 ships



External Operator Survey

- Part of Workforce Management Review
 - University of Washington
 - Military Sealift Command
 - Coast Guard Canada
 - USCG Healy
 - Washington State Ferries
 - Maersk Line Limited
- 4 Basic Models
 - Current NOAA/UNOLS
 - Coast Guard Canada Blue/Gold
 - Union Hall
 - Military style Officer/Enlisted
- Running Cost Models

Marine Operations Center - Pacific Newport, Oregon



Photo by Andersen Construction 4-8-2011