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

18 Ships
10 Homeports

MISSIONS
Nautical Charting
Fisheries Research
Oceanographic Research
Coastal Monitoring
Ocean Exploration

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

- Converted 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
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