

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



University-National Oceanographic Laboratory System (UNOLS)
Joint Fleet Improvement Committee (FIC)/Council Meeting

University of Southern Mississippi

March 30, 2010



Overview

- ✔ **Fleet Overview**
- ✔ **Budget - FY2010 and FY2011 (requested)**
- ✔ **ARRA Funding Status**
- ✔ **Ship and Aircraft Acquisition Updates**
- ✔ **NOAA Ship Recapitalization Plan**
- ✔ **Pacific Vessel Homeporting: Newport, Oregon**





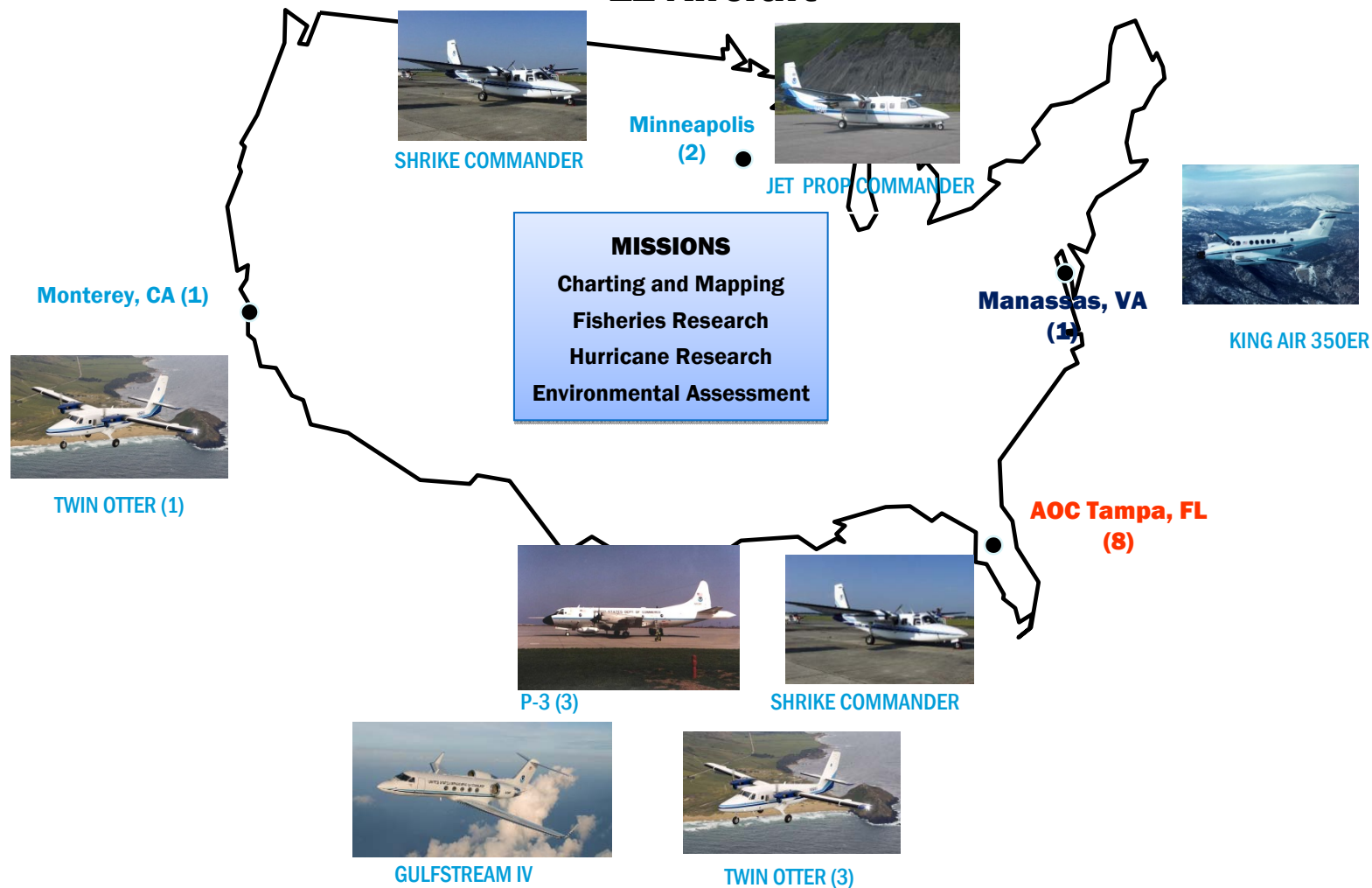
NOAA Ships and Homeports in FY2010





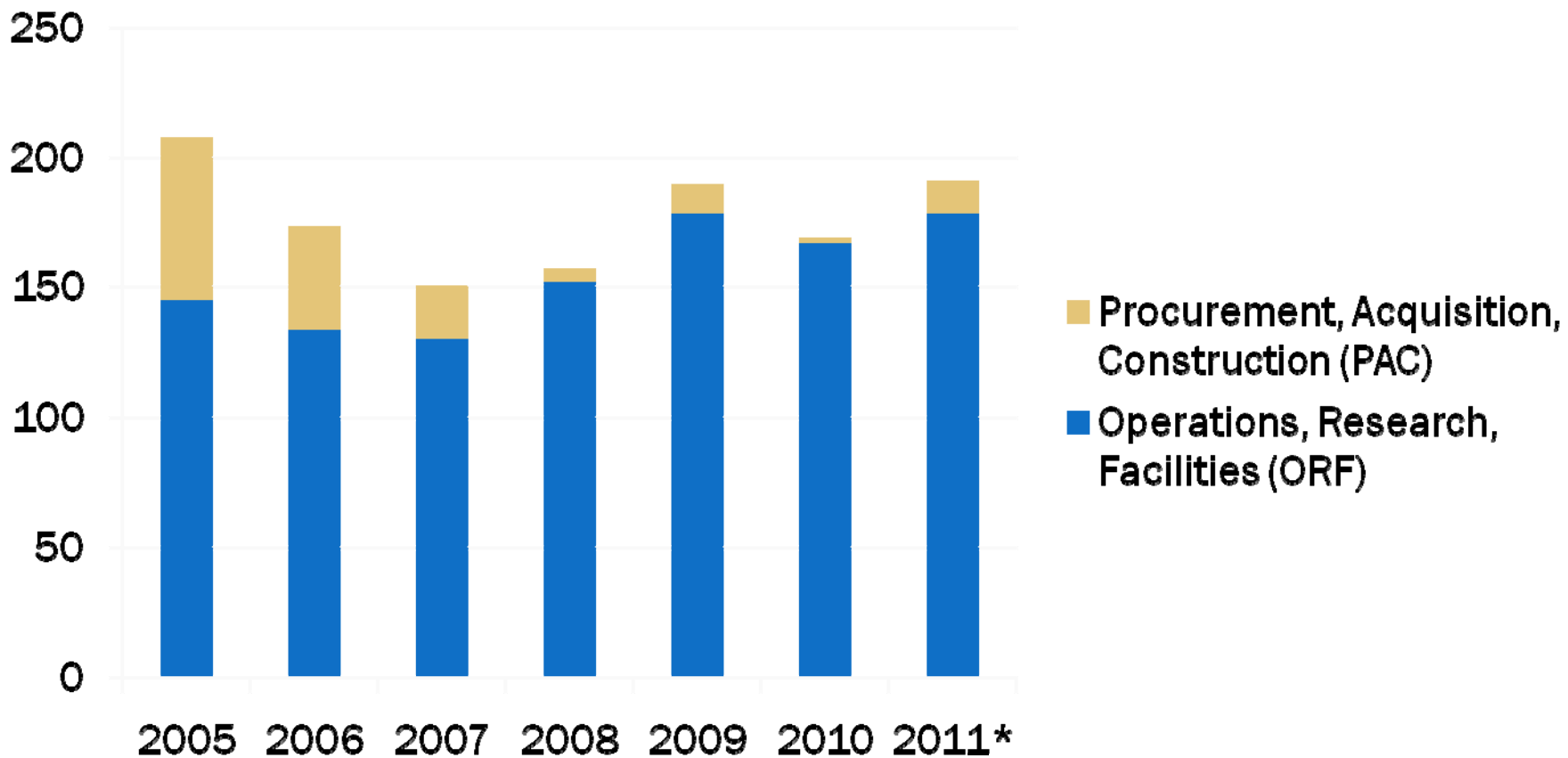
NOAA Aircraft and Bases in FY2010

12 Aircraft





NOAA OMAO Budget



(\$ in Millions)

*President's Budget Request





Status of ARRA Funding

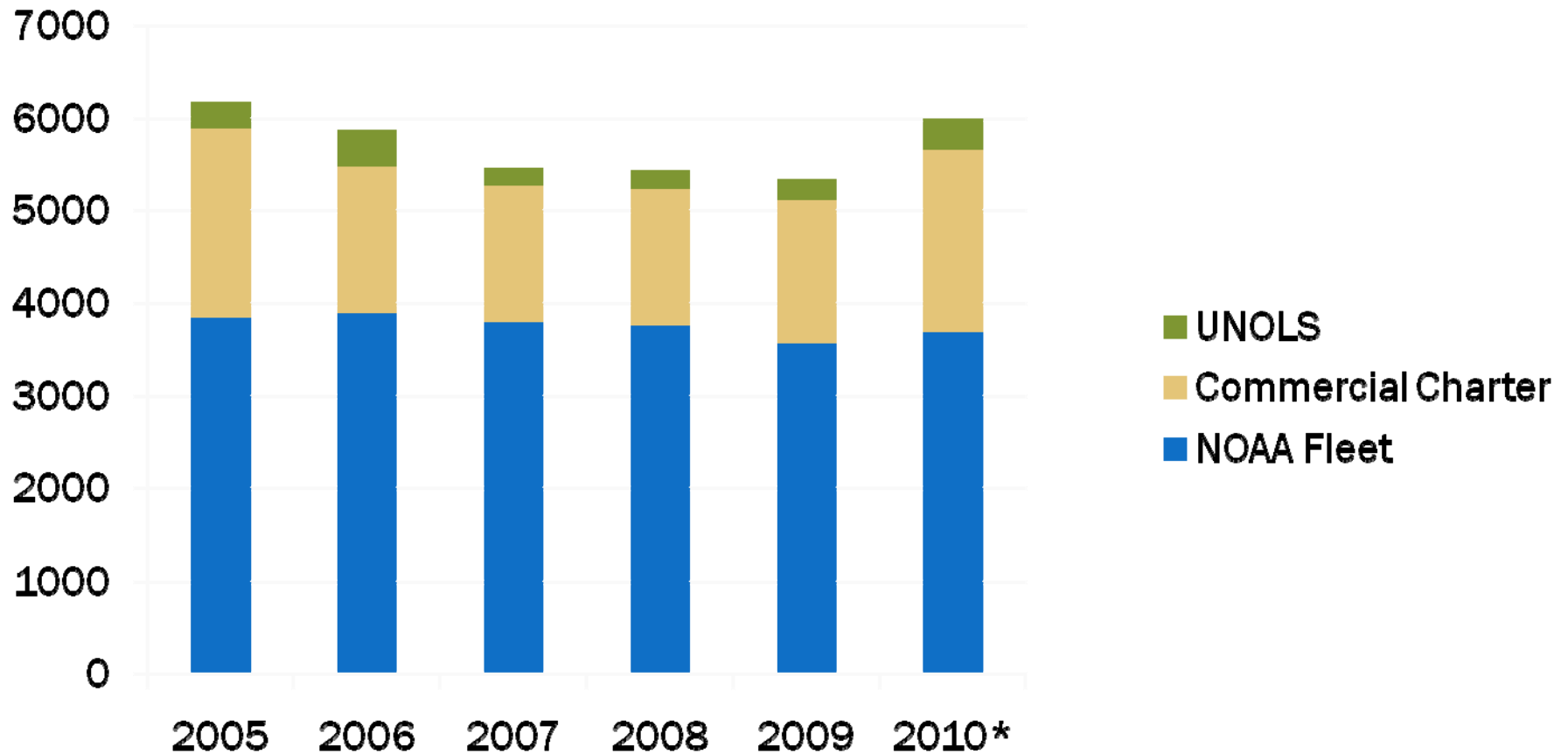
☑ Stimulus Package – American Recovery and Reinvestment Act (ARRA)

- Vessel Maintenance and Repair (\$20M)
 - Major Repair Period (MRP) for Rainier (\$5.78M, \$6.1M PAC)
 - Major Repair Period (MRP) for Oregon II (\$4M)
 - Drydock repair for five other vessels
- Vessel Construction (\$78M)
 - Construction of FSV 6, fifth vessel in the Dyson Class





Operating Days



*Projected





Ship Acquisition: 1

Pisces:

- 🌐 Acoustic problems addressed, and new acoustic trials will be conducted in April 2010 at USN's AUTEK Range in the Bahamas.
- 🌐 Preliminary delivery in June 2009.
- 🌐 Final acceptance scheduled for May 2010.



Pisces



Bell M. Shimada

Bell M. Shimada:

- 🌐 Construction issues contributed to lengthy delays in delivery.
- 🌐 Acoustic problems addressed, and new acoustic trials will be conducted in April 2010 at USN's AUTEK Range in the Bahamas.
- 🌐 Preliminary delivery in January 2010.
- 🌐 Final acceptance scheduled for December 2010.



Ship Acquisition: 2

Ferdinand R. Hassler:

- 📍 Ongoing construction issues have contributed to lengthy delays in delivery.
- 📍 NOAA continues to work with primary contractor to expedite delivery.



Ferdinand R. Hassler being lifted into the water



Aircraft Acquisition/ Upgrades

WP-3D Aircraft:

- ☑ Service Live Assessment Program funded for all three P-3 aircraft in FY2010.
- ☑ Took delivery of an additional P-3 in FY2010
 - ☑ Performing upgrades
 - ☑ Will be used for air chemistry projects.



WP-3D Aircraft



King Air

NOAA King Air Aircraft:

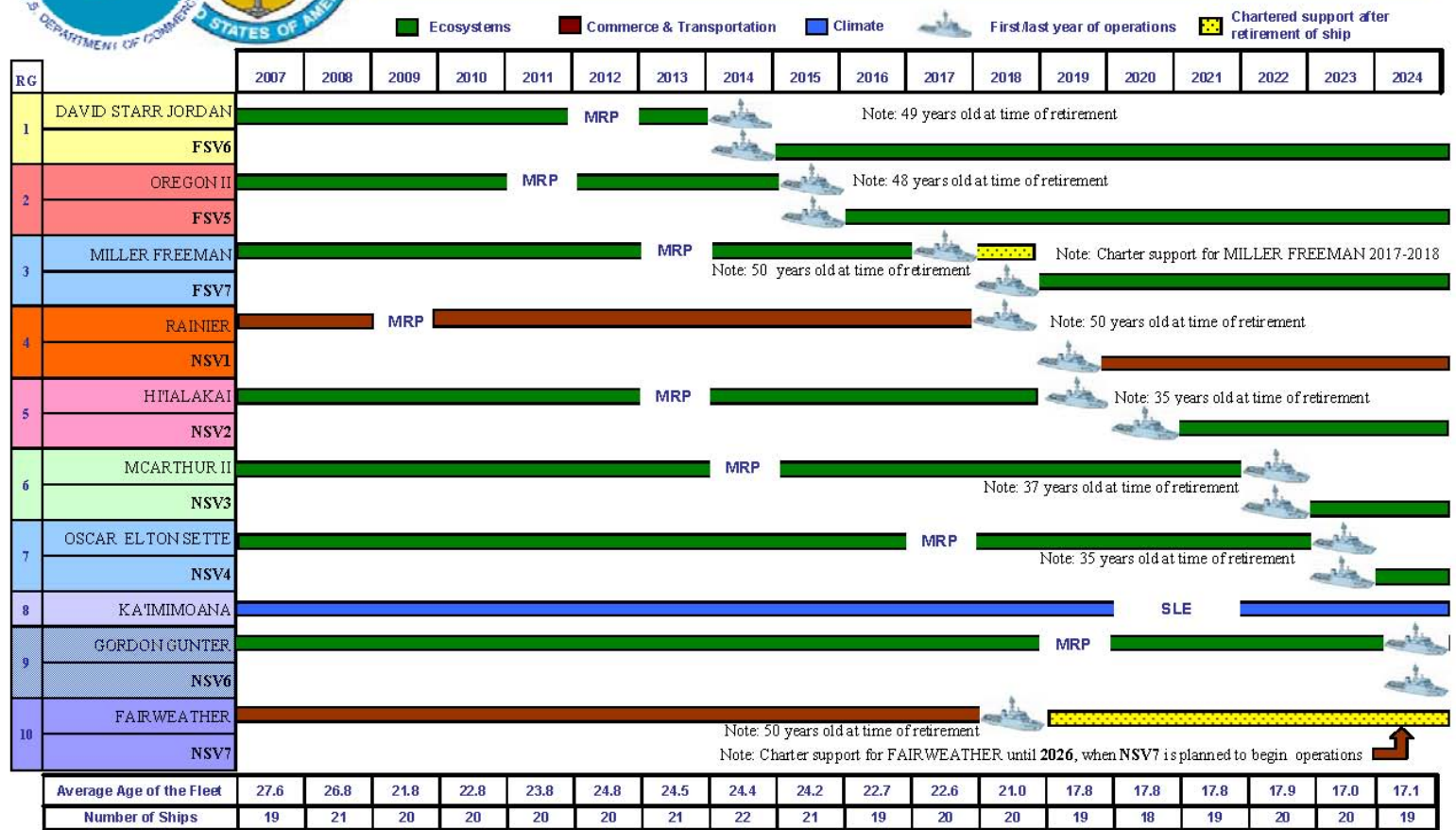
- ☑ Final acceptance : May 2009
- ☑ Shakedown flights starting in August 2009
- ☑ Now operational
- ☑ Utilized for imagery acquisition in Haiti disaster response



NOAA Ship Recapitalization Plan



NOAA Recommended Ship Recapitalization Plan FY 2010 to FY 2024





Fleet Recapitalization 1: Fishery Survey Vessels

- Two (i.e., *Oscar Dyson* and *Henry B. Bigelow*) of seven planned acoustically-quiet Fisheries Survey Vessels (FSVs) are currently conducting operations.
- Two more FSVs (i.e., *Pisces* and *Bell M. Shimada*) expected to be fully operational in FY2010.
- \$3M included in FY2011 President's Budget to continue design work for FSV 5.
- FSV 6 contract award is scheduled for April 2010.



Ship	Homeport	Commissioning Date
<i>Oscar Dyson</i> (FSV 1)	Kodiak, AK	2005
<i>Henry Bigelow</i> (FSV 2)	Newport, RI	2007
<i>Pisces</i> (FSV 3)	Pascagoula, MS	2009
<i>Bell M. Shimada</i> (FSV 4)	Seattle, WA Newport, OR	2010
FSV 5 (shallow draft)	Pascagoula, MS	2015
FSV 6	San Diego, CA	2013
FSV 7	Newport, OR	2018



Fleet Recapitalization 2: NOAA Survey Vessels (NSVs)

- ✔ **Six additional multi-mission NOAA Survey Vessels (NSVs) are planned to be placed in service between 2018 and 2024:**
 - NSVs will replace:
 - Two hydrographic survey vessels
 - Four fisheries/ecosystem research vessels
 - NSV mission requirements are currently being analyzed. They are projected to have a common baseline configuration, with minor variations to support specific missions (e.g. hydrographic survey or fisheries/ecosystem research).
- ✔ **One currently active ship (*Ka'imimoana*) will undergo a service-life extension (approx. 2020). Ship maintains buoy arrays used to understand climate change and El Nino-Southern Oscillation events.**
- ✔ **Phase II Recapitalization Plan being drafted to:**
 - ✔ look at innovative, cost effective ways to collect in situ data
 - ✔ consider new concepts of operations which incorporate new technology, i.e., autonomous platforms (airborne, surface, underwater, etc.)



NOAA Vessel Homeporting: Newport, Oregon

Status:

- The lease for Marine Operations Center-Pacific (MOC-P) in Lake Union, WA expires in June, 2011.
- NOAA followed a competitive solicitation process in Washington and Oregon to award a new lease.
- On August 7, 2009 NOAA signed a 20-year lease with the Port of Newport, Oregon.
- NOAA is currently conducting an internal assessment of flood-plain issues at the request of the Government Accountability Office (GAO), to be completed at the end of May 2010.



Architectural rendering of the proposed NOAA site provided by gLAS Architects, LLC, of Eugene, OR
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