

# NOAA's Office of Marine and Aviation Operations

UNOLS Annual Meeting  
October 2 & 3, 2008



Rear Admiral Jonathan W. Bailey, Director, NOAA Corps and Office of Marine and Aviation Operations

# Agenda

2

- FY 2008 Ship & Aircraft Accomplishments
- NOAA Ships & Aircraft in FY2009
- Status of *Okeanos Explorer*
- Status of Recapitalization Plan
- NOAA Survey Vessel (NSV) Study



# FY 2008 Accomplishments

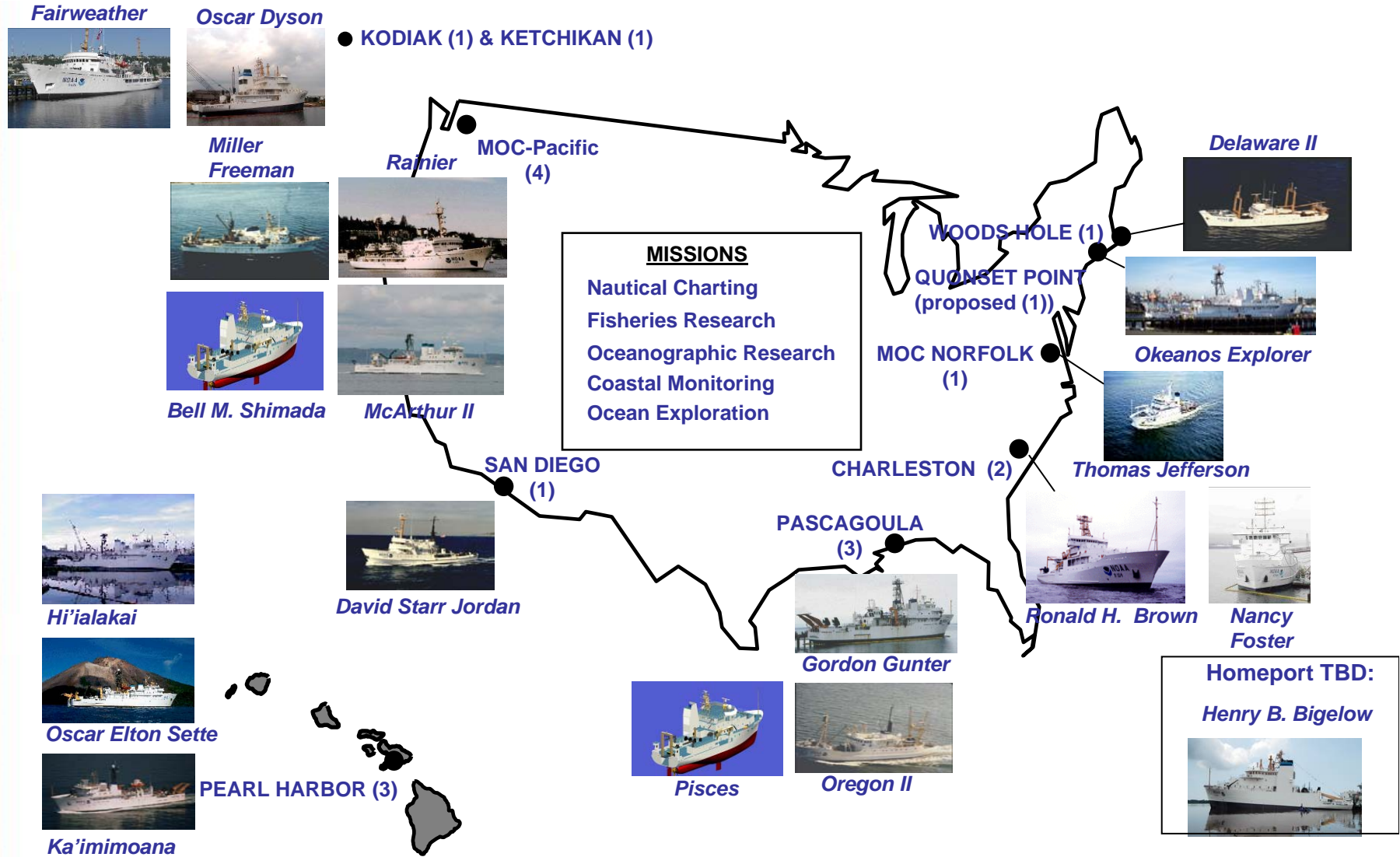
3

- Operated 21 vessels which provided 4,960 total ship operating days (reported thru August and planned for September): 3,640 NOAA ship days using OMAO and Program funds and 1,320 charter days using OMAO and Program funds
- Operated 12 aircraft which provided 4210 flight hours (reported thru August and planned for September): 2,430 hours using OMAO funds and 1,780 hours using Line Office program funds and reimbursable funds.
- Continued the recapitalization of NOAA ships:
  - FSV 5 preliminary design moving forward
  - FSV 6 requirements being refined in anticipation of funding
  - *Rude* decommissioned in March
  - *John N. Cobb* decommissioned in August
  - *Okeanos Explorer* commissioned in August
  - *Bell M. Shimada* (FSV 4) launched in September
  - *PISCES* (FSV 3) projected delivery in October
- Completed Cone housing modifications for the Tail Doppler Radar on the Gulfstream IV
- Damage Assessment aircraft departed Beechcraft and going through modifications at AvCon



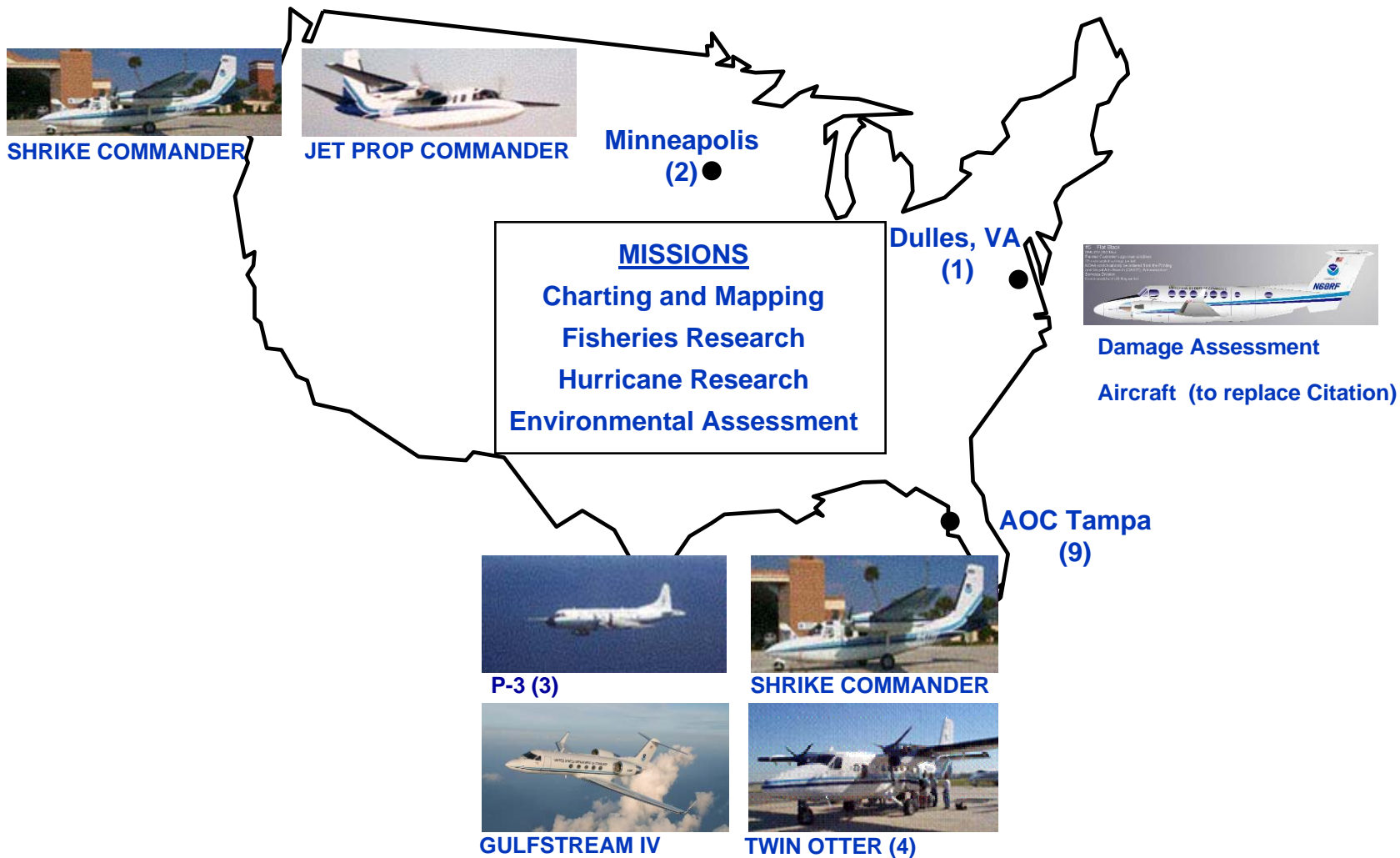
# NOAA Ships in FY09 (19 Ships)

4



# NOAA Aircraft in FY09 (12 Aircraft)

5



# Status of Okeanos Explorer

6

- May 2008 – Completed Conversion Phase II in Bellingham, WA
- May 2008 – Ship Integration begins in Seattle, WA
- July to August 2008 – Conducted ship shakedown
- August 2008 – Commissioned in Seattle, WA
- September 2008 – Completed Mapping Shakedown
- October to November 2008 – ROV and Telepresence Performance Acceptance Testing
- April 2009 – Begin field trials in the Pacific Ocean



# Status of Recapitalization Plan

7

- Chronology of Ship Recapitalization Plan
  - Approved by NOAA – January 2008
  - Approved by DOC – May 2008
  - Approved by OMB – September 2008
  - Awaiting transmittal of report to the Hill
  
- Recommendation
  - FY2010 to FY2024 – Replace nine active NOAA ships with either Fisheries Survey Vessel (FSV) or NOAA Survey Vessel (NSV) class and conduct service life extension on one other active NOAA ship



# NOAA Survey Vessel Study

8

## ➤ Background

- Congressional Language in 2008 Appropriations Act Report, dated 1/2008:
  - NOAA is directed to provide to the House and Senate Appropriations Committees, within 18 months of enactment of this Act, a study that evaluates the design and operations of future research vessels in the form of a NOAA Survey Vessel for multi-mission operations, to maximize on-site activities and modularize for versatile platform availability.
  
- OMAO to lead formulation of NOAA Survey Vessel (NSV) study scope, action plan and report preparation. Report due to Congress in June 2009.
  
- Study report will adhere to recommendations in NOAA Ship Recapitalization Plan approved by NOAA/DOC.





# NOAA Survey Vessel Study

9

## ➤ Schedule

- March 26, 2008 - NSV Kickoff Meeting with NOAA Goal leads
- April to August 2008 - Collected and analyzed NSV mission activities/requirements from NOAA Mission Goals
- August 27, 2008 - Presented results of initial analysis to Goal teams
- September 18, 2008 - Held NSV Workshop to discuss NSV Strategy and NSV ship size alternatives; need to further define requirements
- September to December 2008 - Conduct follow-on workshops on Goal requirements
- December 2008 to February 2009 (estimate) - Finalize NSV ship concept; develop NSV Concept of Operations
- March 2009 to June 2009 – Complete and review NSV report before sending to Congress

