

UNOLS Goals, Activities, and Issues 2007/2008

UNOLS Chair Report to the Research
Vessel Technical Enhancement Committee

by Marcia McNutt



**RVTEC Meeting
November 6, 2007**

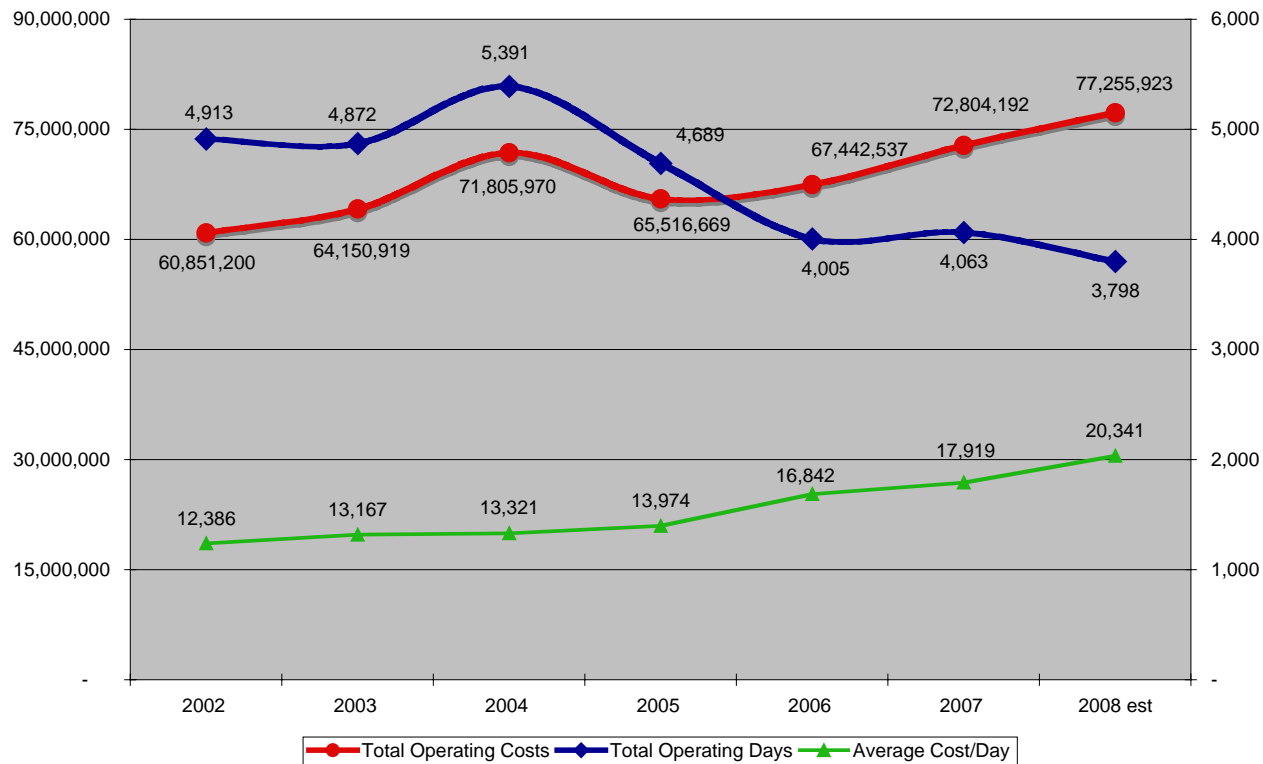


Goals for 2008

- *Enlarge the group of supporters for the UNOLS fleet both in terms of capitalization and operations.*
- *Extend our planning horizon to ensure that we are building a UNOLS fleet that really meets what the infrastructure needs will be for ocean sciences in the coming decades.*
- *Continuously work to lower barriers to effective use of UNOLS ships caused by disabilities, gender, or other special situations.*

Operating the UNOLS Fleet: 2008 Ship Scheduling and Challenges

2002 - 2008 UNOLS Fleet Operating Days and Costs



- Overall higher costs (fuel, SOLAS, Homeland Security, etc.)

- Fewer agencies supporting fleet operations at historical levels

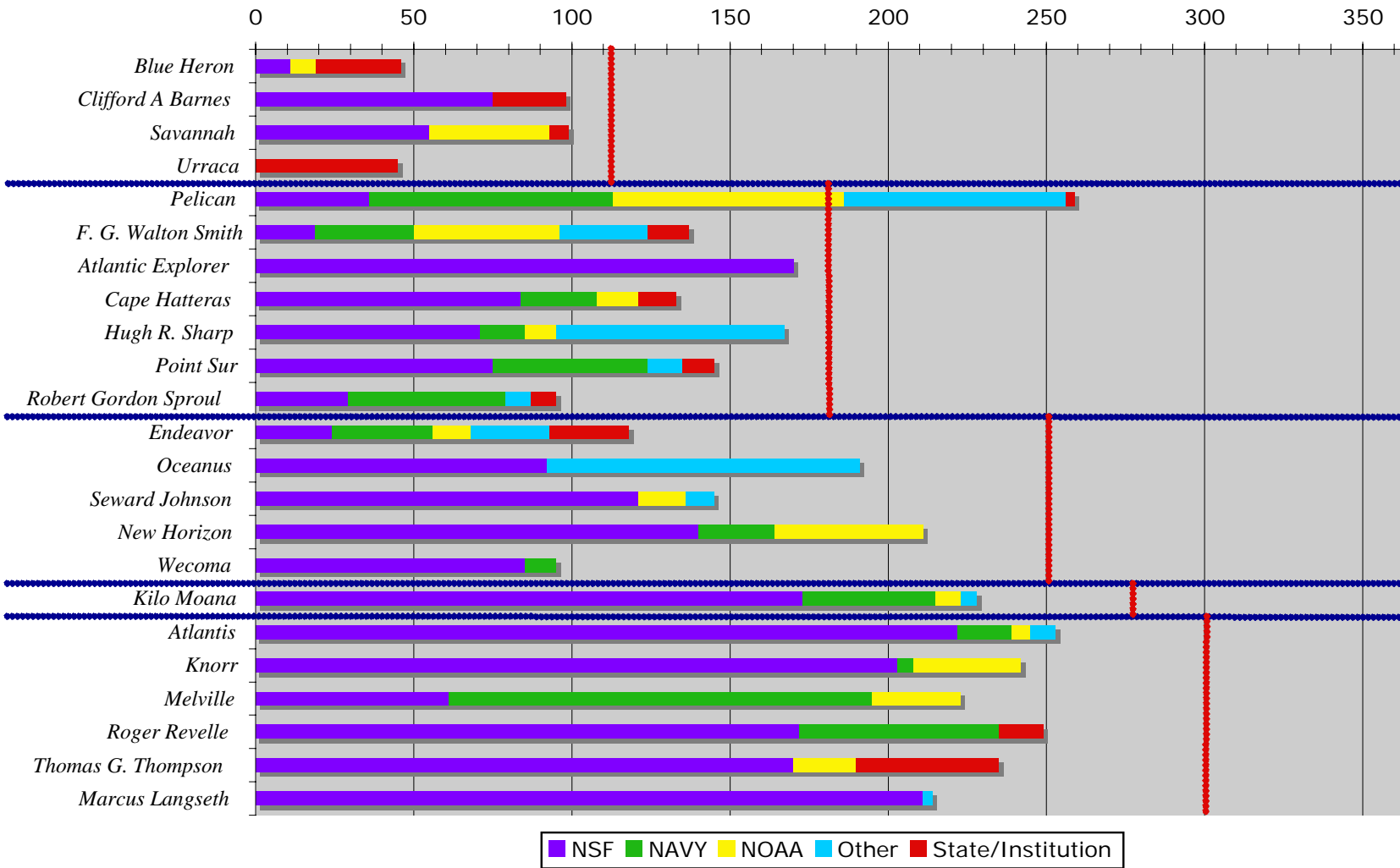
- Although ship demand remains high, budget constraints and higher costs result in fewer funded ship days.

- In 2008: Operations face a deficit of ~\$10M. Agency reps, UNOLS, and schedulers are working on solutions.

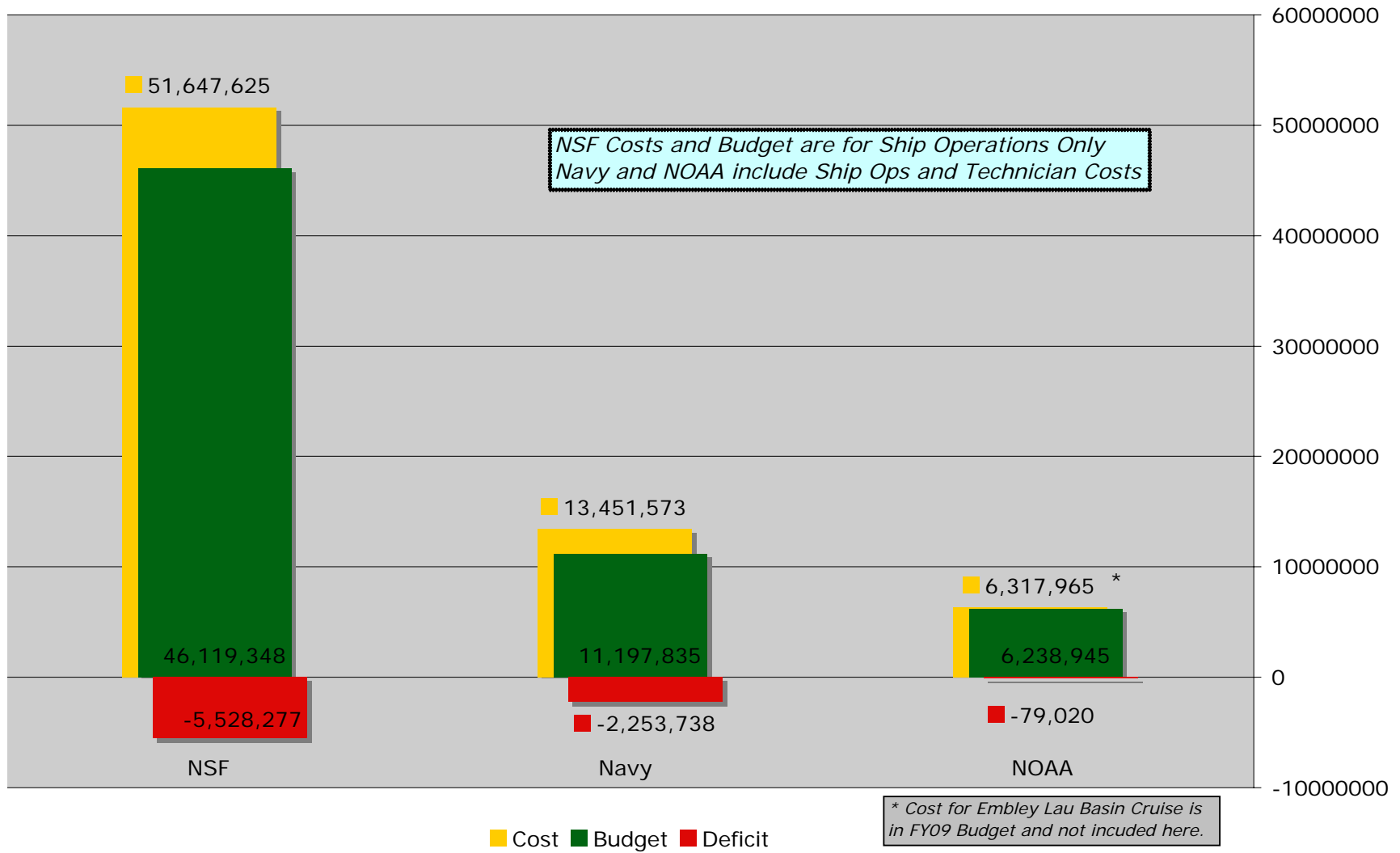
2008 Ship Schedules

2008

2008 UNOLS Operating Days by Agency



2008 Projections of Costs & Budgets for NSF, Navy and NOAA



NEW SHIPS 2000-2020



UNOLS Fleet Renewal

Global Class:

■ UNOLS Council approved UNOLS Vessel Designation for R/V *Langseth* with contingencies for successful completions of reflagging, conversion and NSF inspection. NSF Inspection this week

Ocean Class:

- ARRV:
 - Cooperative Agreement UAF/NSF– 8/7/2007
 - Four phase project: deliver ~ 2011
 - Budget - not to exceed \$122,930,218
- Navy AGOR Ships:
 - \$185M total budgeted for two ships
 - FY14: Deliver both ships

Regional Class:

- Three NSF Built Ships:
 - Phase I Design - finish date 20 Mar 2008
 - Phase II Detailed Design & Construction proposed to start 1st quarter FY09
 - 27 month Phase II period for first ship

The Fleet Improvement Committee is working to complete the Fleet Improvement Plan

Equal Access at Sea

- We are making progress in ADA access.
 - ADA addressed in Research Vessel Safety Standard Update
 - ADA Guidelines document drafted and in review.
- Evidence suggests that we still need to increase awareness on what actions constitute sexual harassment and the negative consequences of such behavior on UNOLS vessels.
 - Exploring training resources.

Other Important Activities, Accomplishments, and Issues

- Introduced new UNOLS Ship time Request and Scheduling System
- Formed an Ad-Hoc committee to define best practices in Data Management
- American's with Disabilities Act (ADA) Guidelines for UNOLS Vessels - Final draft under review
- Update to Research Vessel Safety Standards - coming soon.
- Published UNOLS Brochure
- A model was created that schedules current ship time on a future fleet
- Safety Standards for Human Occupied Vehicles - draft in review
- Updated the Ocean Class Science Mission Requirements at the request of Navy
- Science Opportunity on UNOLS Vessels - new web site on-line
- Crew and Marine Technician Retention and Hiring Issues

End