

University-National Oceanographic Laboratory System

UNOLS Report to DESSC



May 30-31, 2007

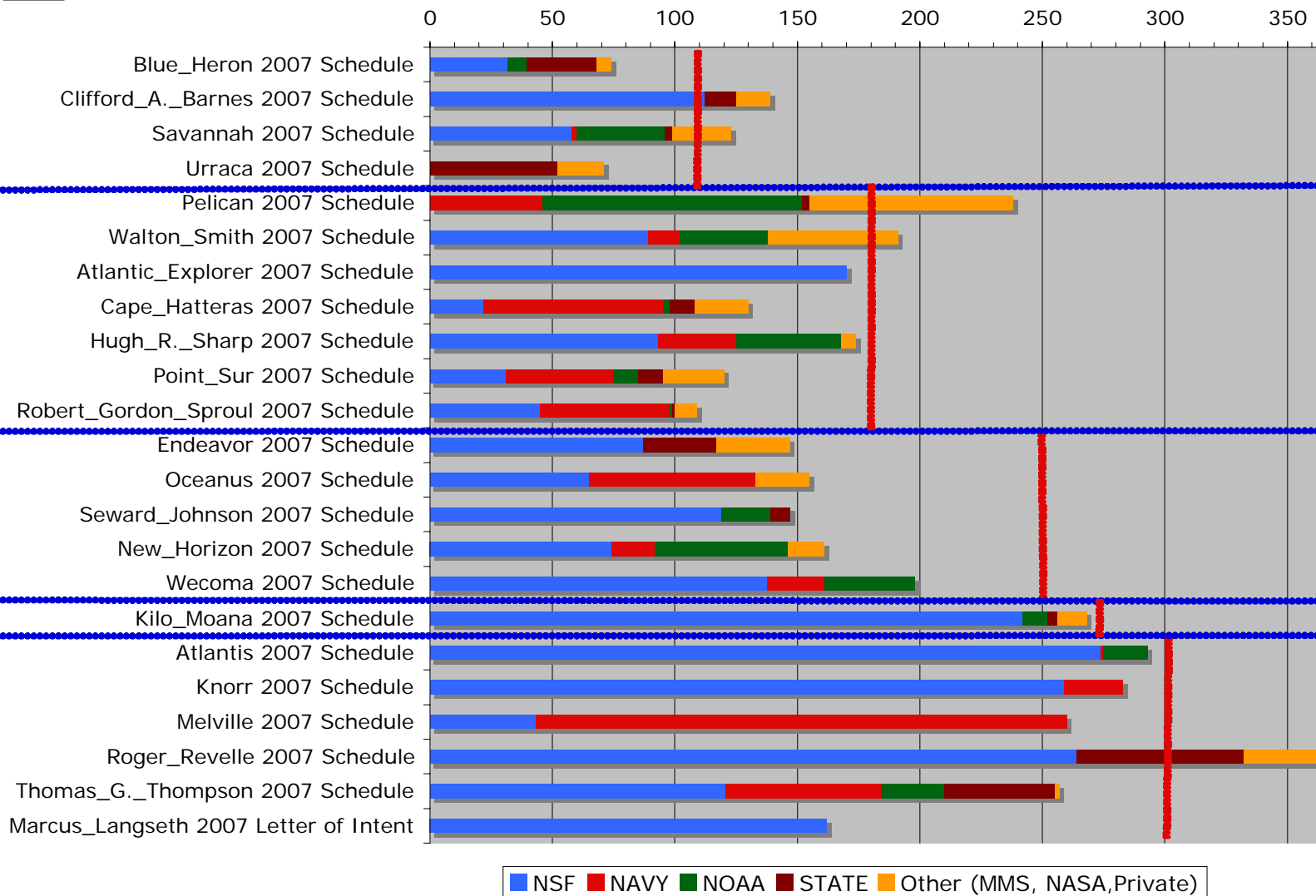
2007 UNOLS Activities

- 2007 Fleet Operations and 2008 Projections
- 2008 Non-operational periods in the UNOLS Fleet.
- Best Practices for the Collection of Data and Metadata at Sea to Promote Public Dissemination
- UNOLS Committee Activities

2007 Fleet Operations

Now

2007 UNOLS Operating Days by Agency





July 06' to March 07' Predictions - Reality

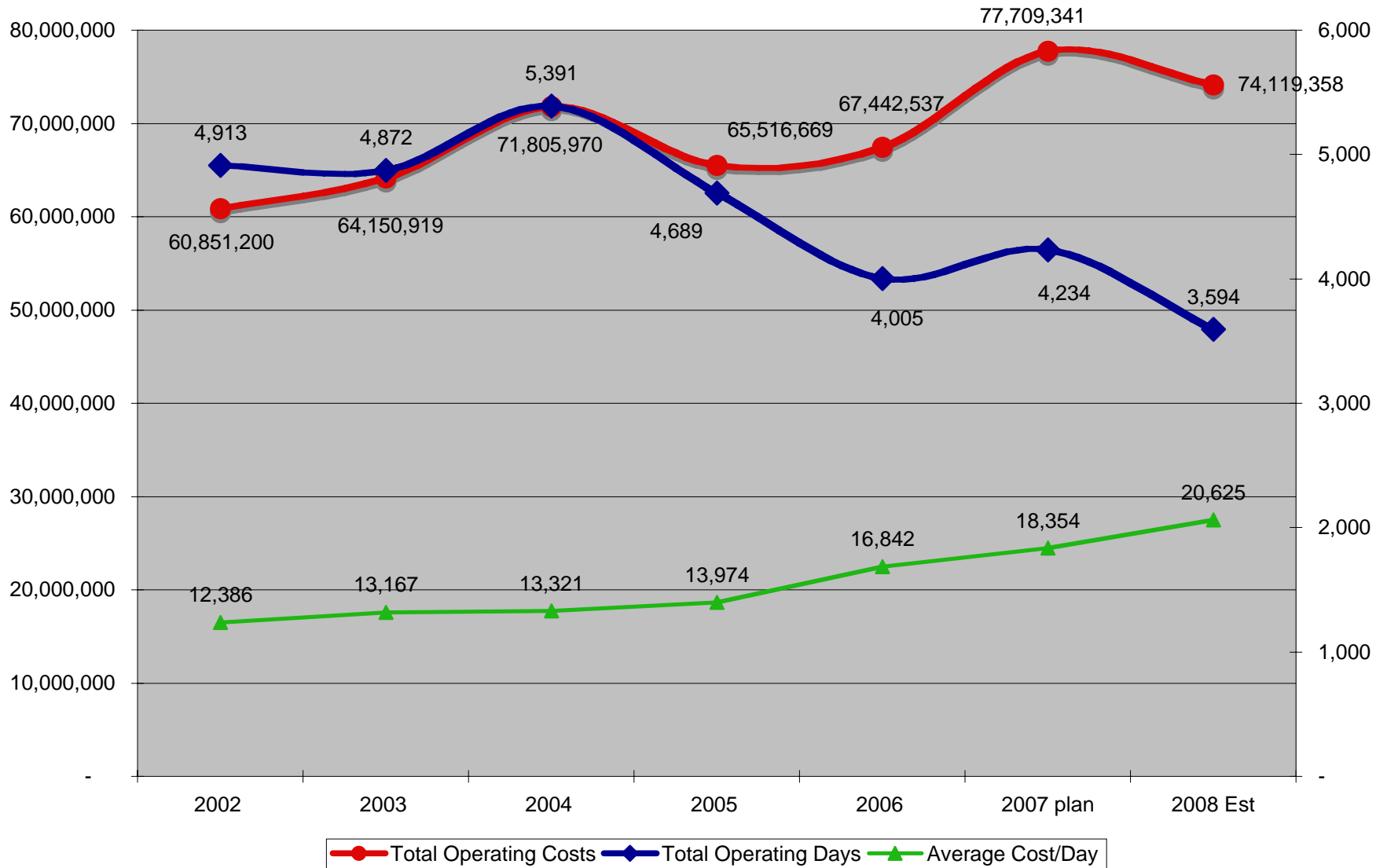
July 06- prediction of total 2007 ship days 3539

Mar 07- 2007 schedules reflect 4234 ship days

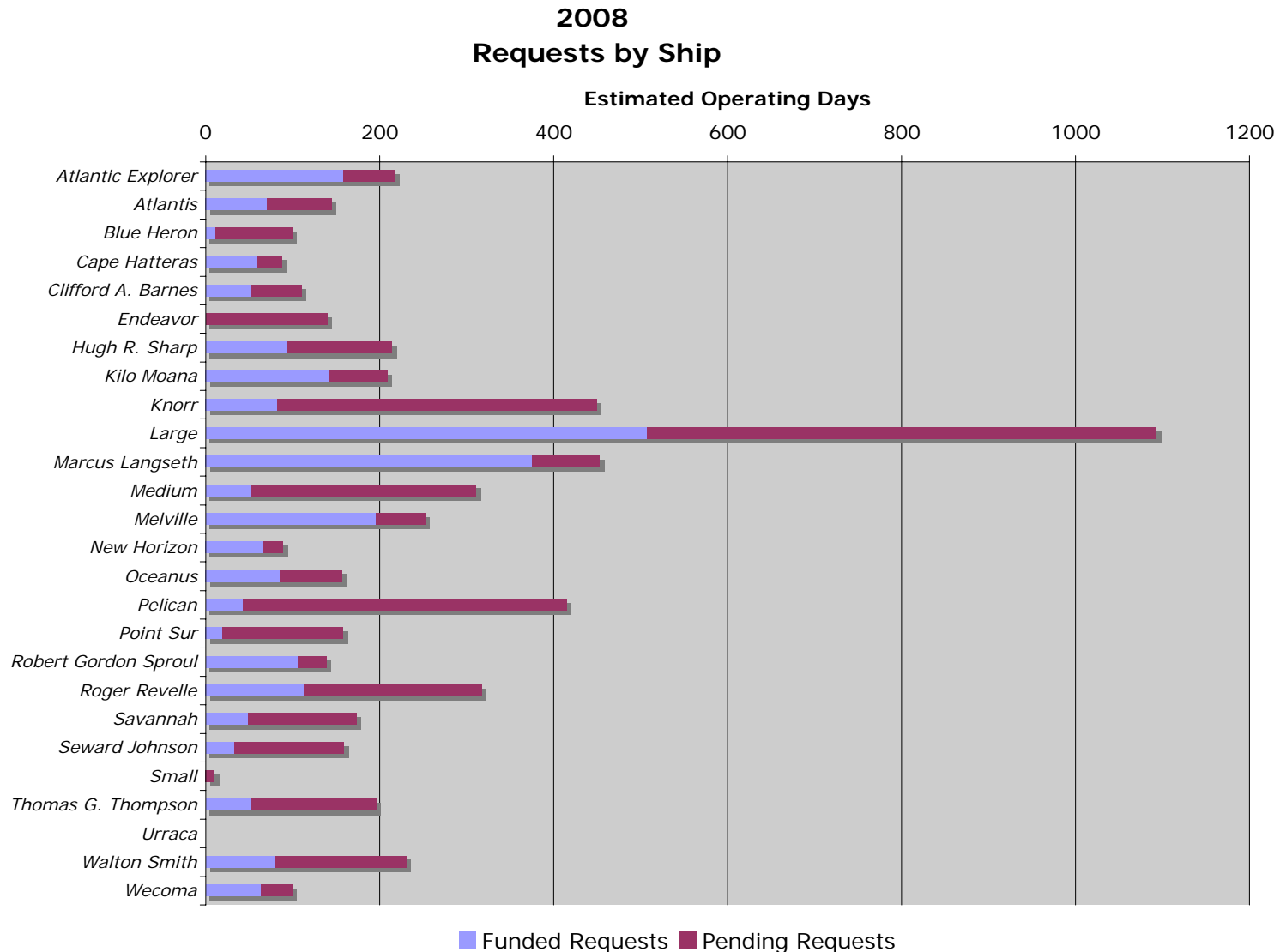
Mar 07- predictions for 2008 ship days are at 3594

With 2008 STRs

2002 - 2007 UNOLS Fleet Operating Days and Costs



2008 Ship Time Requests by Ship



2008 Non-operational periods in the UNOLS Fleet

- The process developed in 2007 will be applied.
- The Agencies will provide their recommendations on 2008 non-operational periods to a subcommittee of the UNOLS Council.
- Within 30 days the subcommittee will conduct their review and then provide a response back to agencies.
- The subcommittee will seek input from UNOLS ship operators, the Council, and any other interested parties.

Data Best Practices

- UNOLS will form a subcommittee to report on best practices for the collection of data and metadata at sea to promote public dissemination.
- Volunteers to serve on the subcommittee were solicited from the community and agencies. – *Terrific response!*
- The subcommittee will be asked to refine their own charter and report back to Council with a brief White Paper on the subject within one year's time.

UNOLS Committee Activities

- AICC: New Chair – Carin Ashjian (WHOI)
 - Healy 2007 season in progress:
 - April 10-May 12 - Bering Ecosystem Study (BEST)
 - May 16-June 14 - Benthic Predators in the Northern Bering Sea
 - Aug. 17-Sept. 15 - Multibeam Sonar Mapping (Chukchi Cap)
- RVOC: New Chair - Matt Hawkins (U. Del)
- RVTEC: 2007 Meeting - MLML in November
- SCOAR: Chair resignation
- MLSOC and FIC – next slides...

Marcus Langseth Science Oversight Committee

- W. Steven Holbrook, U Wyoming (Chair)
- First Official meeting – Galveston, TX, Feb/Mar 2007, at the ship
- Key Issues:
 - Staffing of cruises: 3D, 2D, OBS, and general
 - Shipboard processing needs
 - Lowering the threshold for user expertise
 - Shakedown Cruise
 - Marine Mammal Observation
 - Ombudsman role
 - Long-Range Planning



Fleet Improvement Committee Activities

- Fleet Renewal (slides)
- Fleet Improvement Plan (slides)
- Science and Education Opportunities Aboard UNOLS Vessels (and recruiting watchstanders)
- Global Science Mission Requirements (SMRs)
- American's with Disabilities Act (ADA) Guidelines - draft document available soon.
- Ocean Observatories

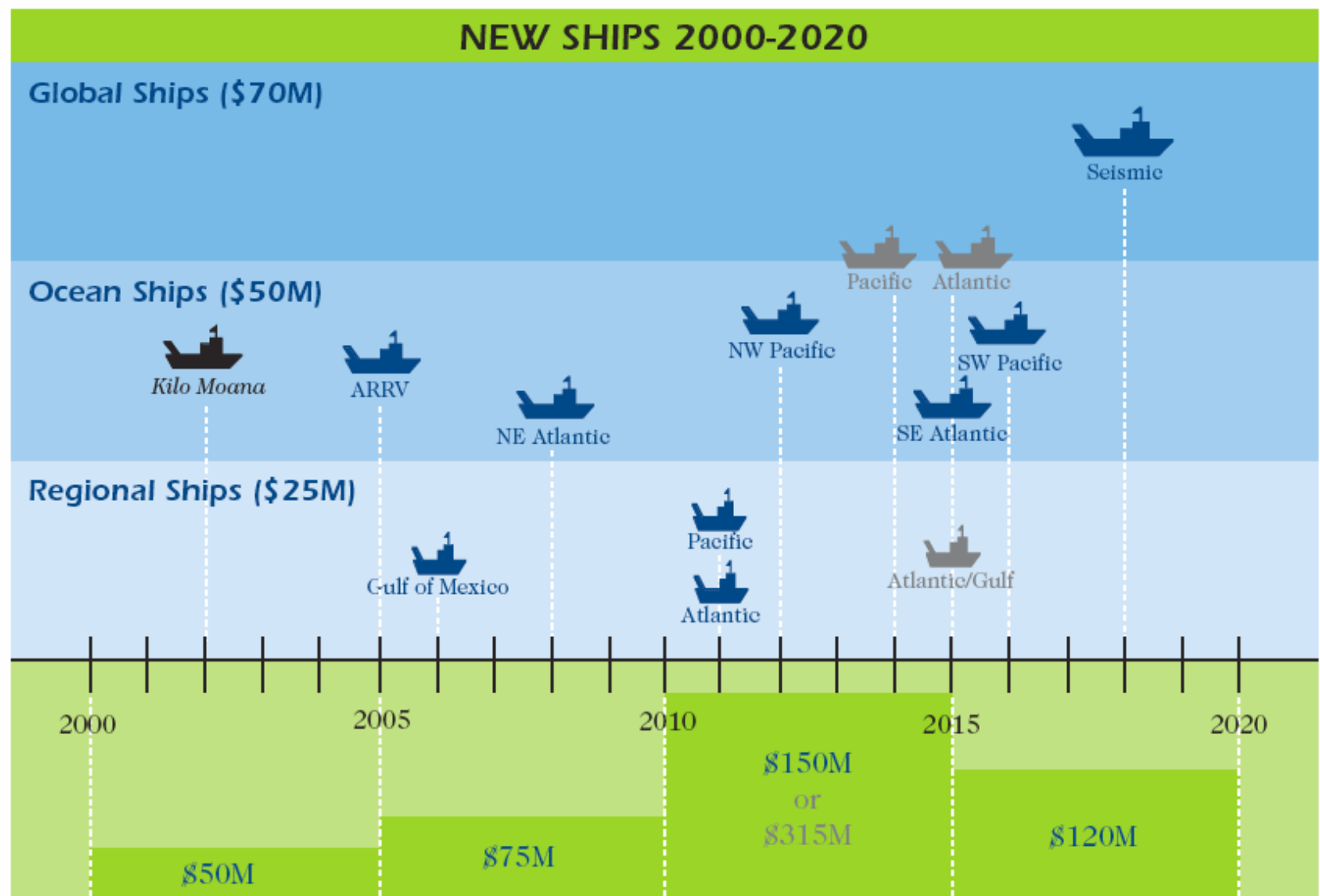
Fleet Renewal Activities

- **Regional Class Acquisition Status – 3 ships**
 - Phase I design efforts continue with two teams.
- **Alaska Region Research Vessel Status**
 - RFP for construction and operation Released on October 31 - One proposal from UAF
- **Ocean Class Acquisition Status – 2 ships**
 - Navy Project Documentation under development.

Fleet Improvement Plan

- FIC continues to draft the Fleet Improvement Plan.
- Table of Contents:
 - Executive Summary
 - I. Introduction
 - II. Identify Future Science Initiatives
 - III. UNOLS, the Current Facility Composition and Utilization
 - IV. Future Fleet Utilization Projections and Future Requirements
- Fleet projections are being refined with latest information

Figure 17. Proposed schedule for new construction.



= Launched on 11/17/01

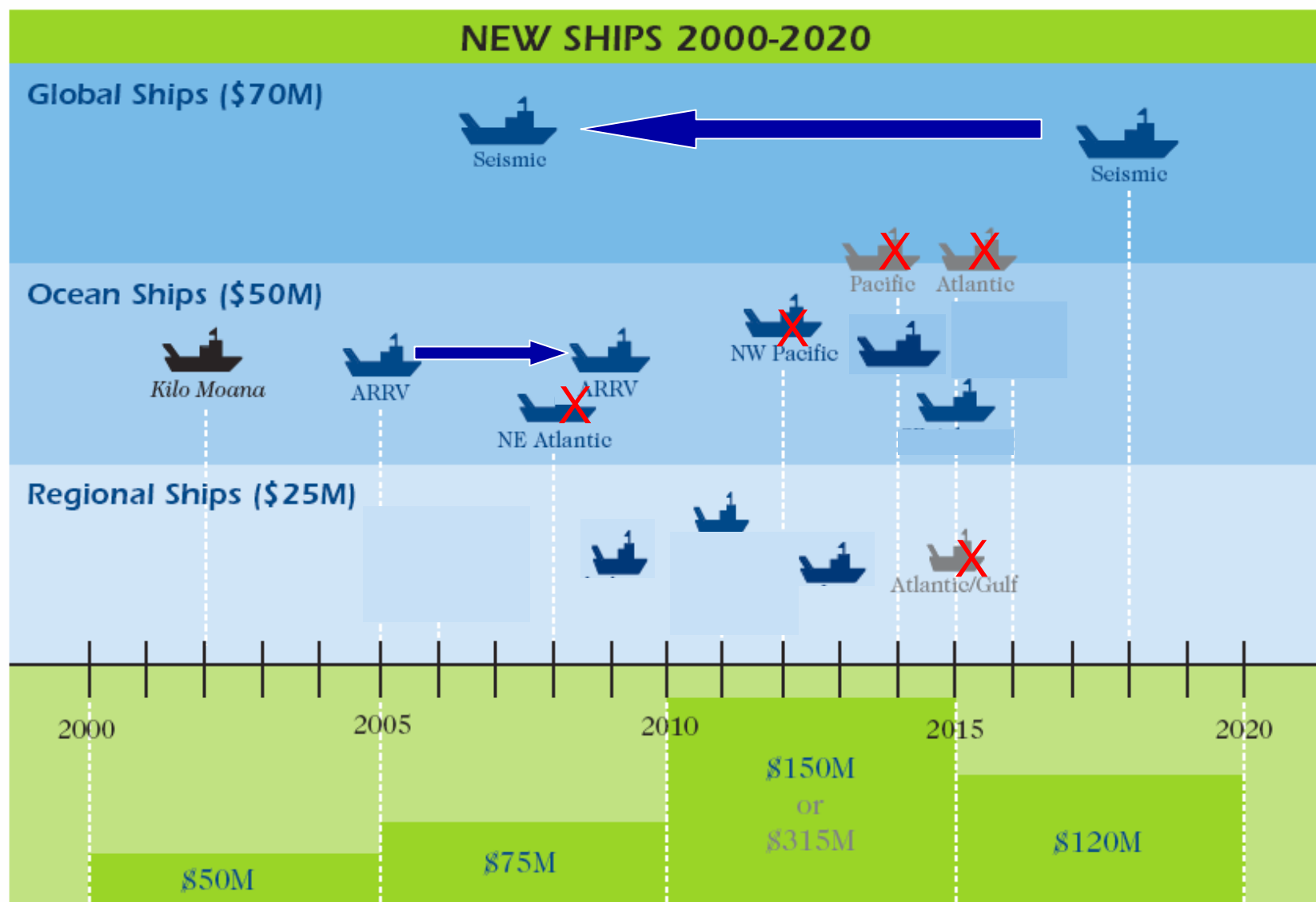


= Funds Not Yet Identified




= Potential Additional Ships (UNOLS Recommended)

Figure 17. Proposed schedule for new construction.



 = Launched on 11/17/01

 = Funds Not Yet Identified

 = Potential Additional Ships (UNOLS Recommended)

NEW SHIPS 2000-2020

Global Ships (\$70M)



Seismic

Ocean Ships (\$50M)



Kilo Moana



ARRV



Regional Ships (\$25M)



2000

2005

2010

2015

2020

New Web Page for Science and Education Opportunities Aboard UNOLS Vessels (and recruiting watchstanders)

- Each year a portion of UNOLS cruises have available space for science and education opportunities.
- UNOLS is developing a website that will provide a list of cruises with opportunities.
- The site will also feature a mechanism for Chief Scientists to recruit "Watchstanders" to assist in their research cruise.

Global Class SMRs

Last Call for Input!

- Community Survey - In Progress:

<http://www.unols.org/committees/fic/global/_GCSMR_Survey_Form.asp>



2006 - THOMPSON



2011 – REVELLE



2012 – ATLANTIS

Meeting Announcement

**The UNOLS Annual Meeting will be held
Thursday and Friday, October 11-12, 2007**

at

The National Science Foundation

Tentative Keynote Speaker

Dr. Arden L. Bement Jr.

Director, National Science Foundation

**Call for UNOLS Council Nominations
Two positions will open in 2007.**

http://www.unols.org/committees/2007_call_for_nom.html

END