

UNOLS Report AICC Meeting

April 18 -19, 2006



University-National Oceanographic Laboratory System

Ship Transfer and Constructions



R/V Atlantic Explorer (*ex Seward Johnson II*) arrives in Bermuda on March 17th.



- 23 October 2005 – *SJII* began a 4.5 month modification and maintenance period at Lyon’s Shipyard in Norfolk, VA (modifications on next slide).
- 20 December 2005 – *Weatherbird II* arrived at Lyon’s shipyard for cross-decking.
- Inclining, ABS, and Coast Guard inspections complete, letter of designation as an Oceanographic Research vessel received.
- March 20, 2006 – Christening / Naming Ceremony – Hamilton, Bermuda
- April 10 & 11, 2006 – Ship Inspection
- April 13, 2006 – *SJII* begins operations from BBSR and support of BATS.
- *Weatherbird II* is for sale.



R/V Atlantic Explorer Modifications

- A new wheelhouse has been built one deck higher and aft improving visibility
- Space where old wheelhouse was located can now house a lab van for air/sea interaction experiments and atmospheric sampling.
- New science classroom/seminar room and shipboard tech center.
- Addition of a CTD garage.
- Internal staircases added to improve traffic flow.
- Main lab enlarged significantly and two other labs have been reworked.
- New winch deck
- Galley has been enlarged
- Science berths = 22
- Removal of a lot of wood.



R/V Seward Johnson II Modifications



R/V Atlantic Explorer



University-National Oceanographic Laboratory System

R/V Hugh R. Sharp

**Arrived at U. Delaware,
Lewis, DE, on Jan 11, 2006**



- Winter months – Outfitting, crossdecking, and weekly underway trials to test various systems, experiment with maneuvering, deployment of gear, and to run drills.
- March 21-22 – JMS Inspection
- March 26-28 – First Cruise.
- New Caley CTD Handling system installation is planned for May. Small Markey CTD winch has been borrowed from *SJII*.
- May 7th – Commissioning Ceremony at U. Delaware.
- *Cape Henlopen* has been sold to a private party.



R/V Hugh R. Sharp

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

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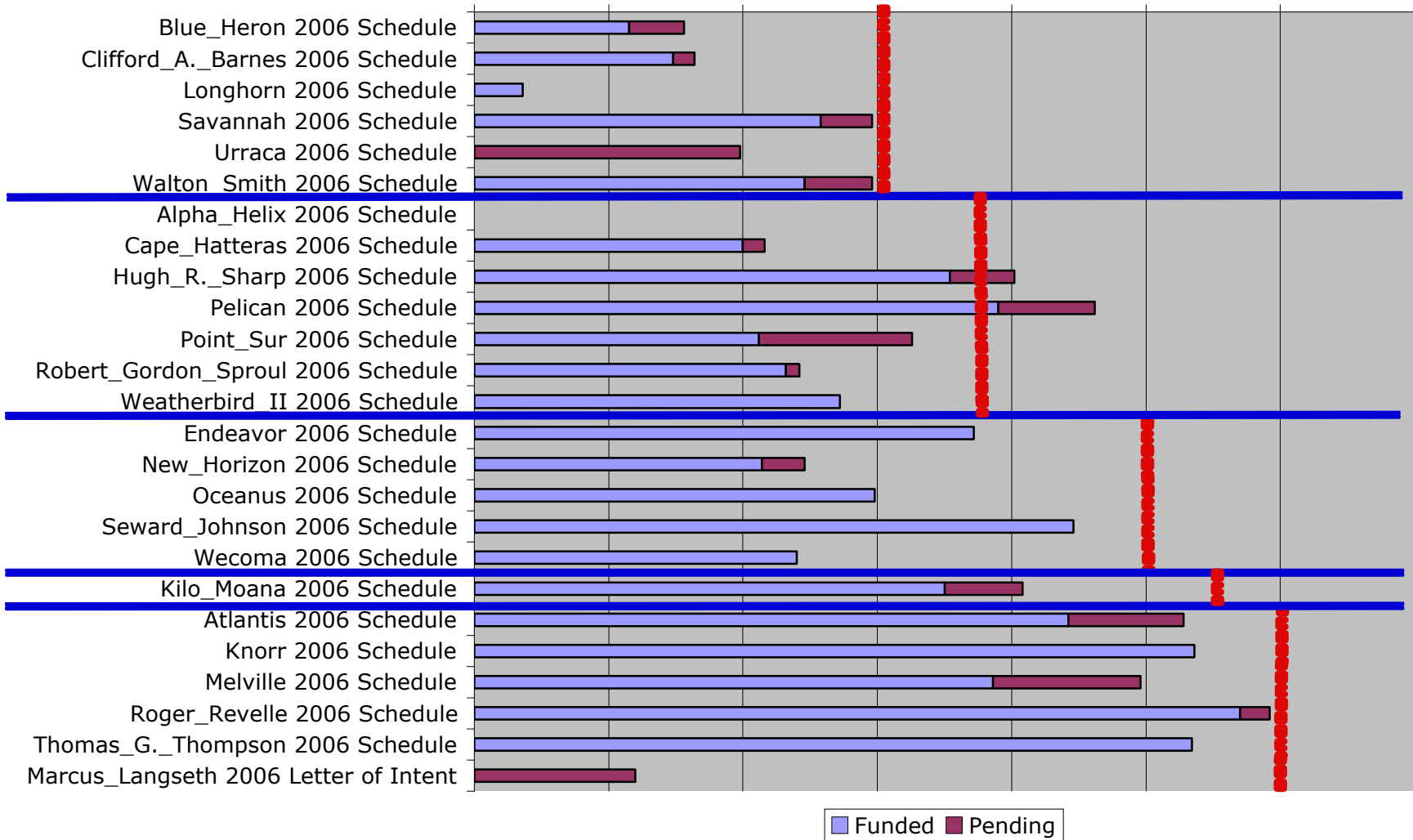


Scheduling & Utilization

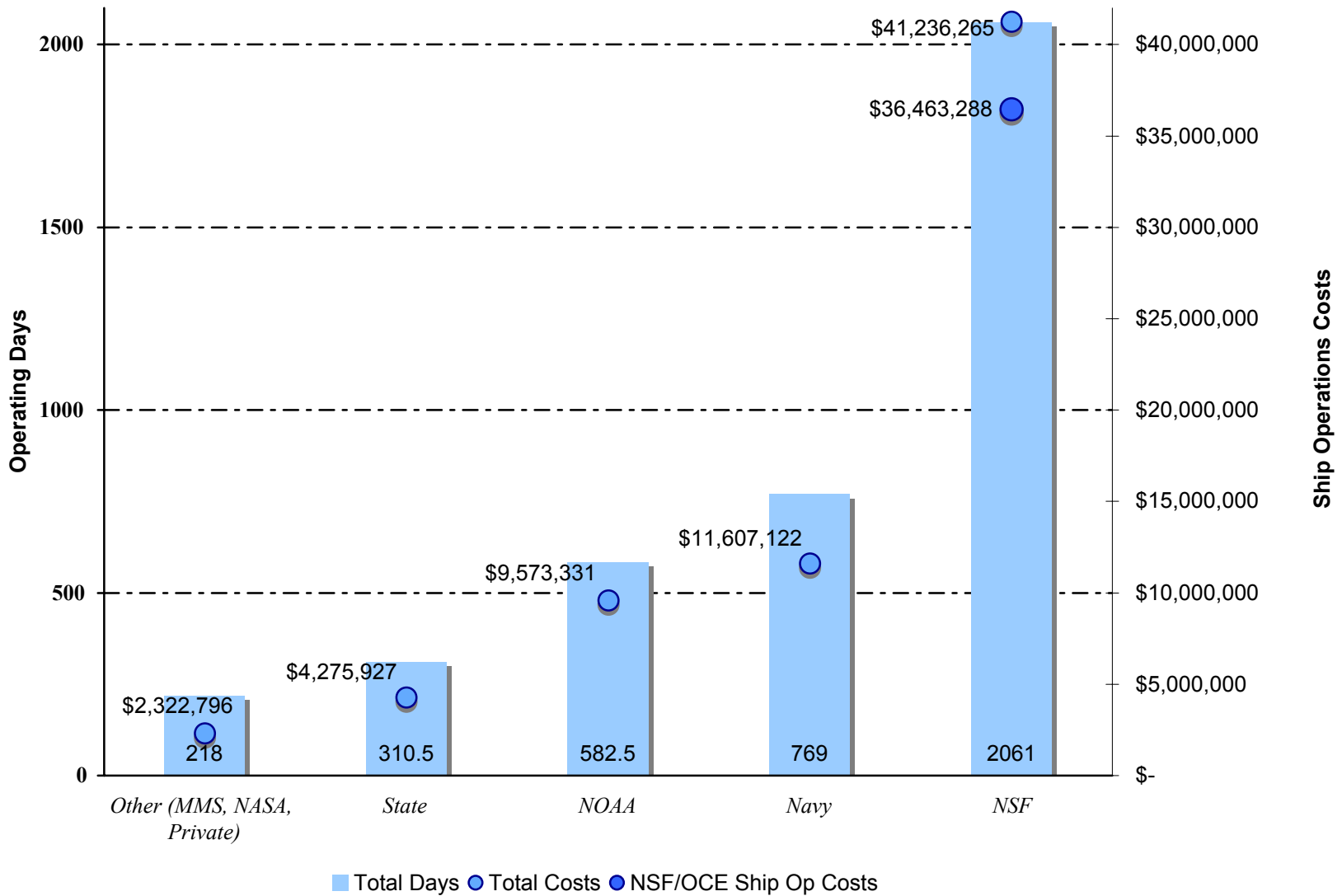
SSC report to the
UNOLS Council
March 14-15, 2006

2006 UNOLS Operating Days

- 50 100 150 200 250 300 350

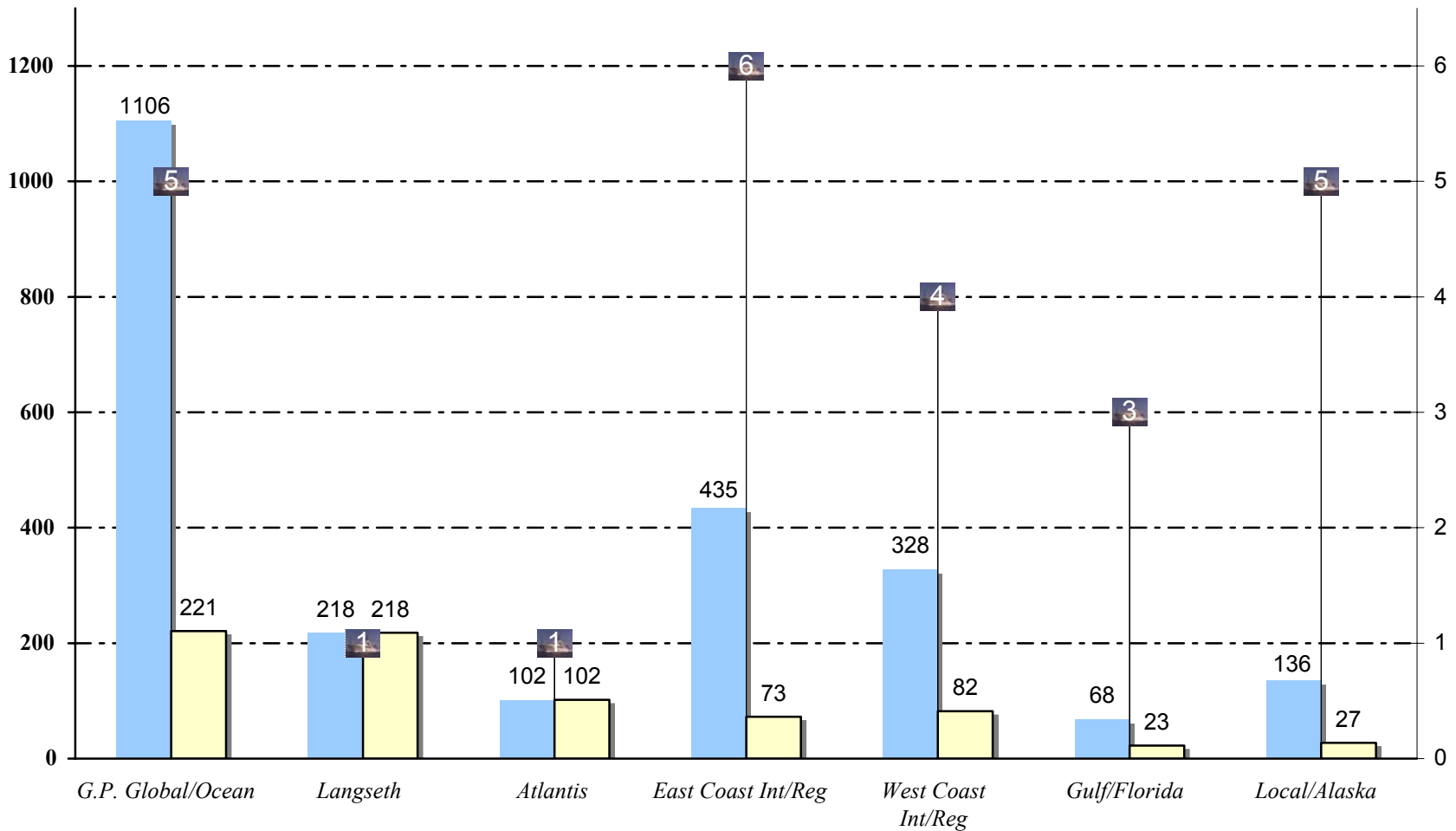


2006 Operating Days and Estimated Cost by Agency



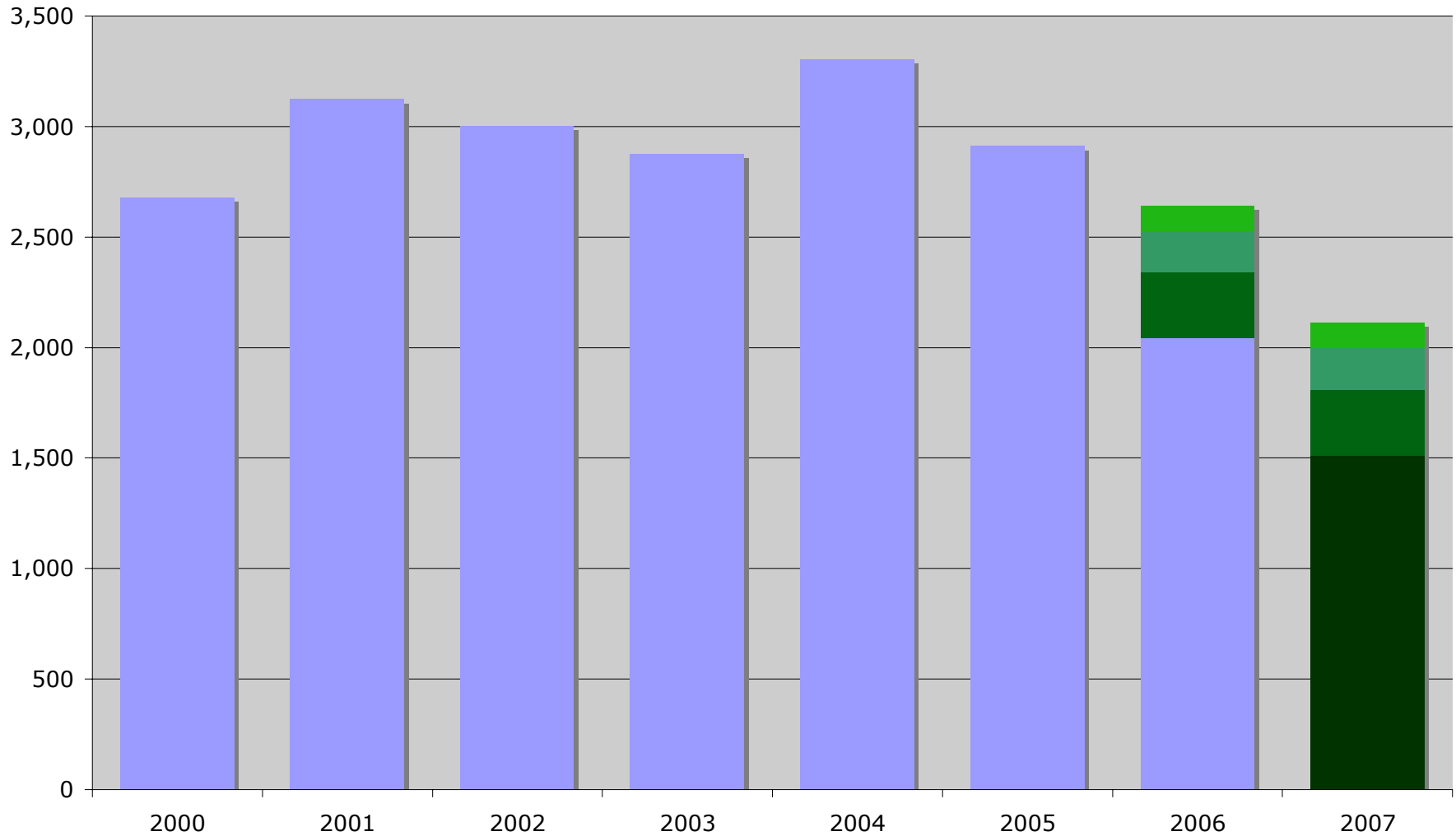
2007 Shiptime Requests per Vessel Class/Region

2007 Funded Days Per Ship # ships



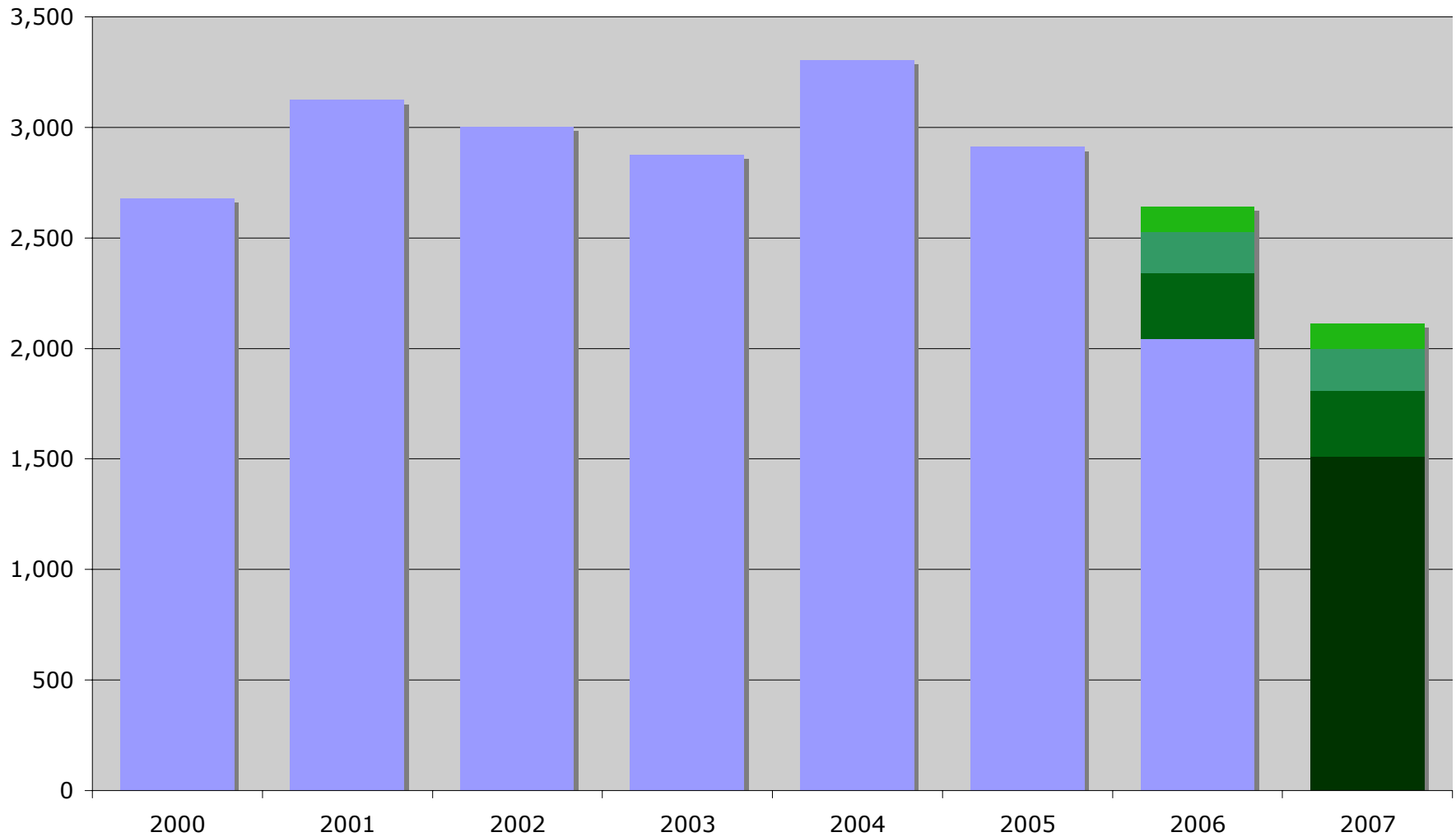
Funded and Deferred NSF Requests

Legend: Scheduled (light blue), 2007 Request (dark green), Deferred 2006 Request (medium green), 2005 STR (teal), 2004 STR (light green)

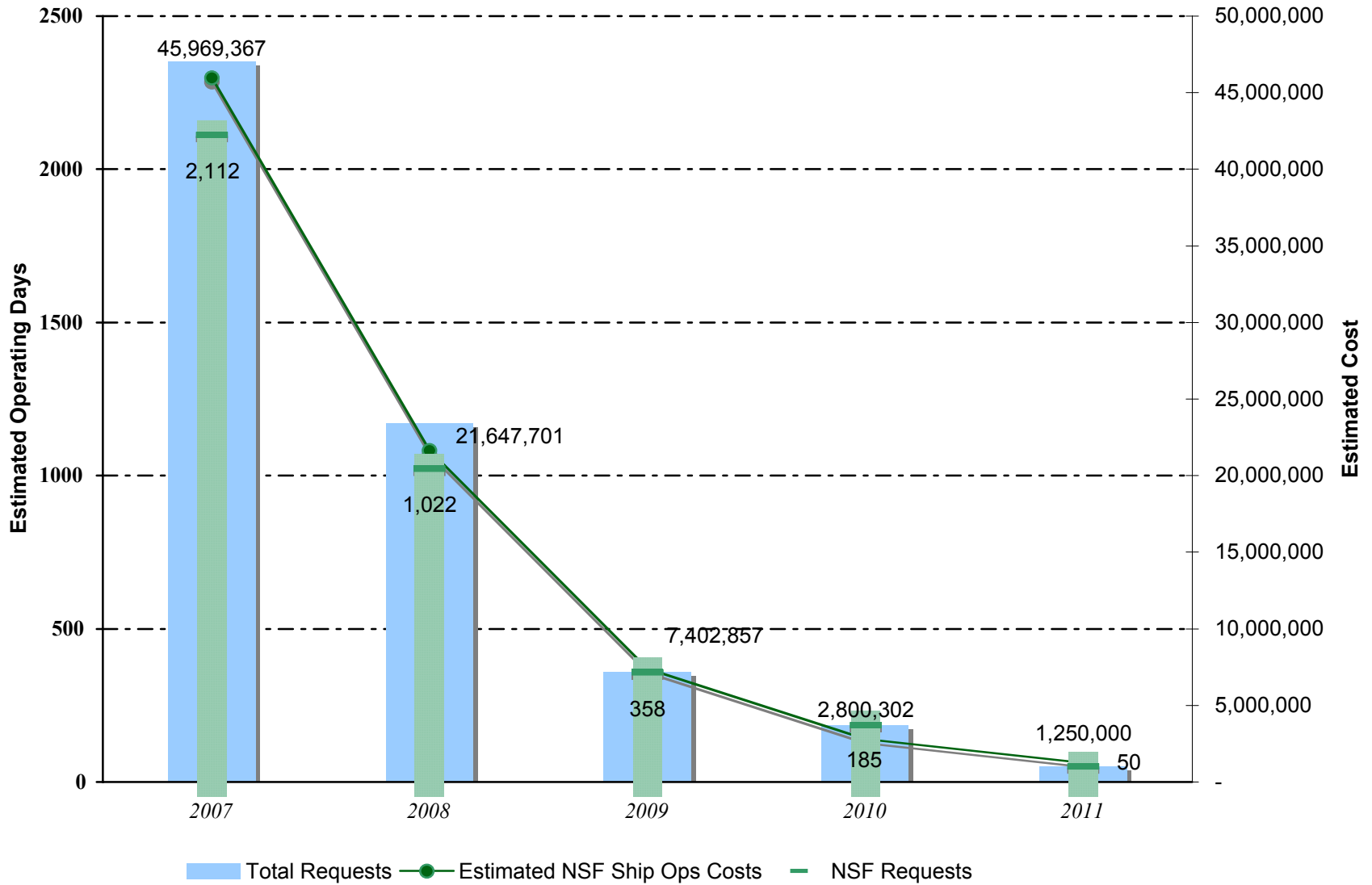


Funded and Deferred NSF Requests

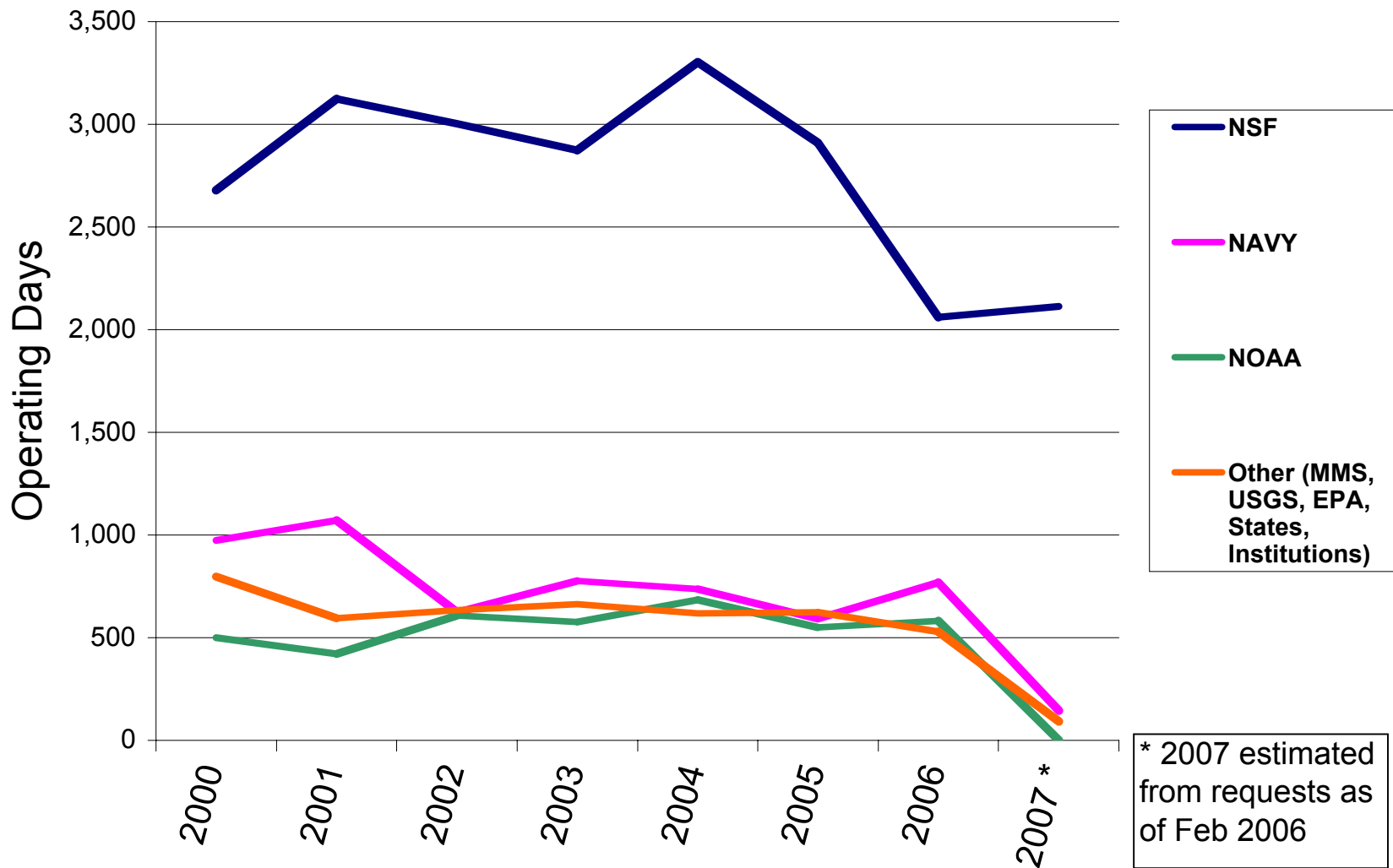
Legend: Scheduled (light blue), 2007 Request (dark green), Deferred 2006 Request (medium green), 2005 STR (light green), 2004 STR (bright green)



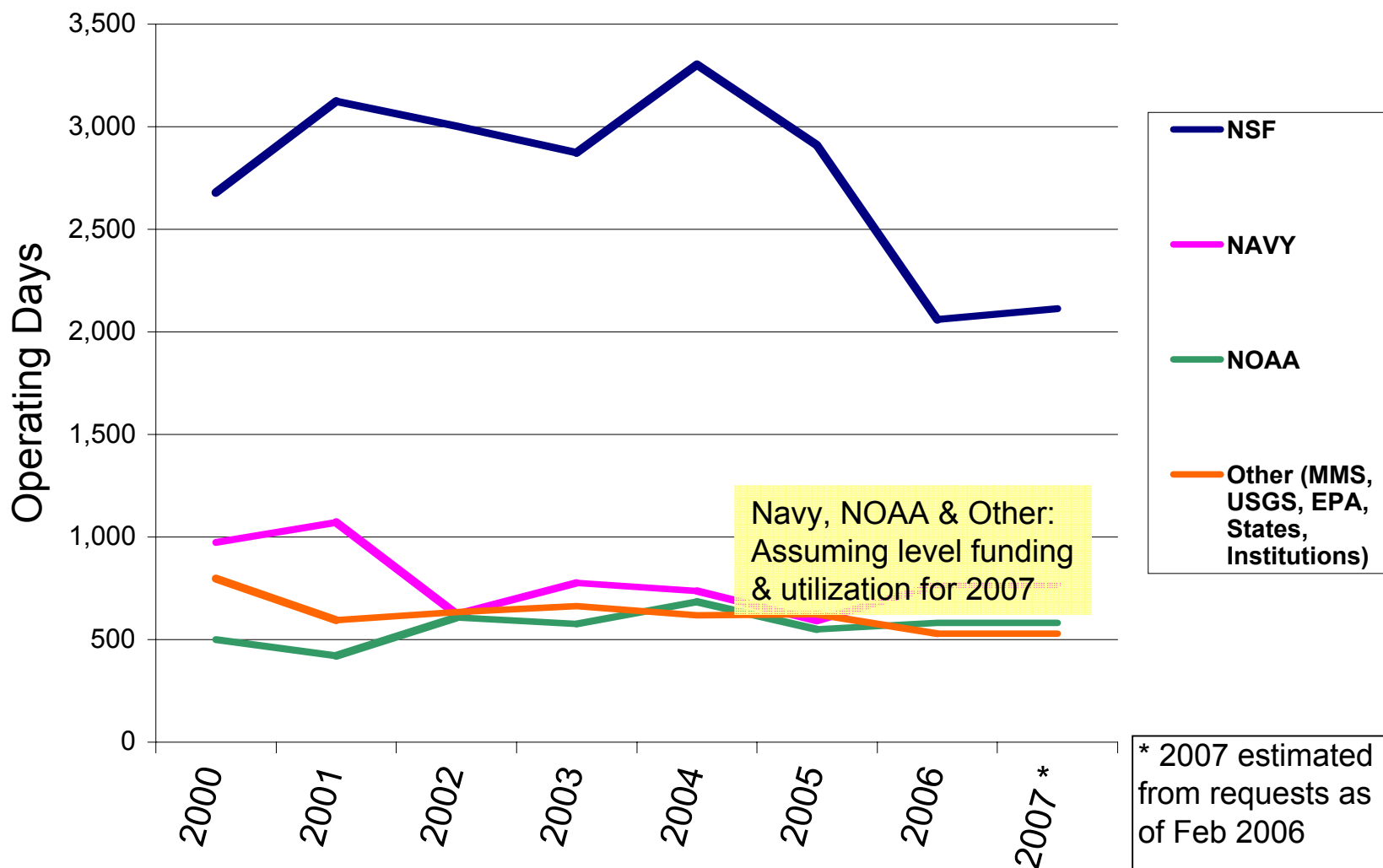
Funded Requests 2007 - 2011



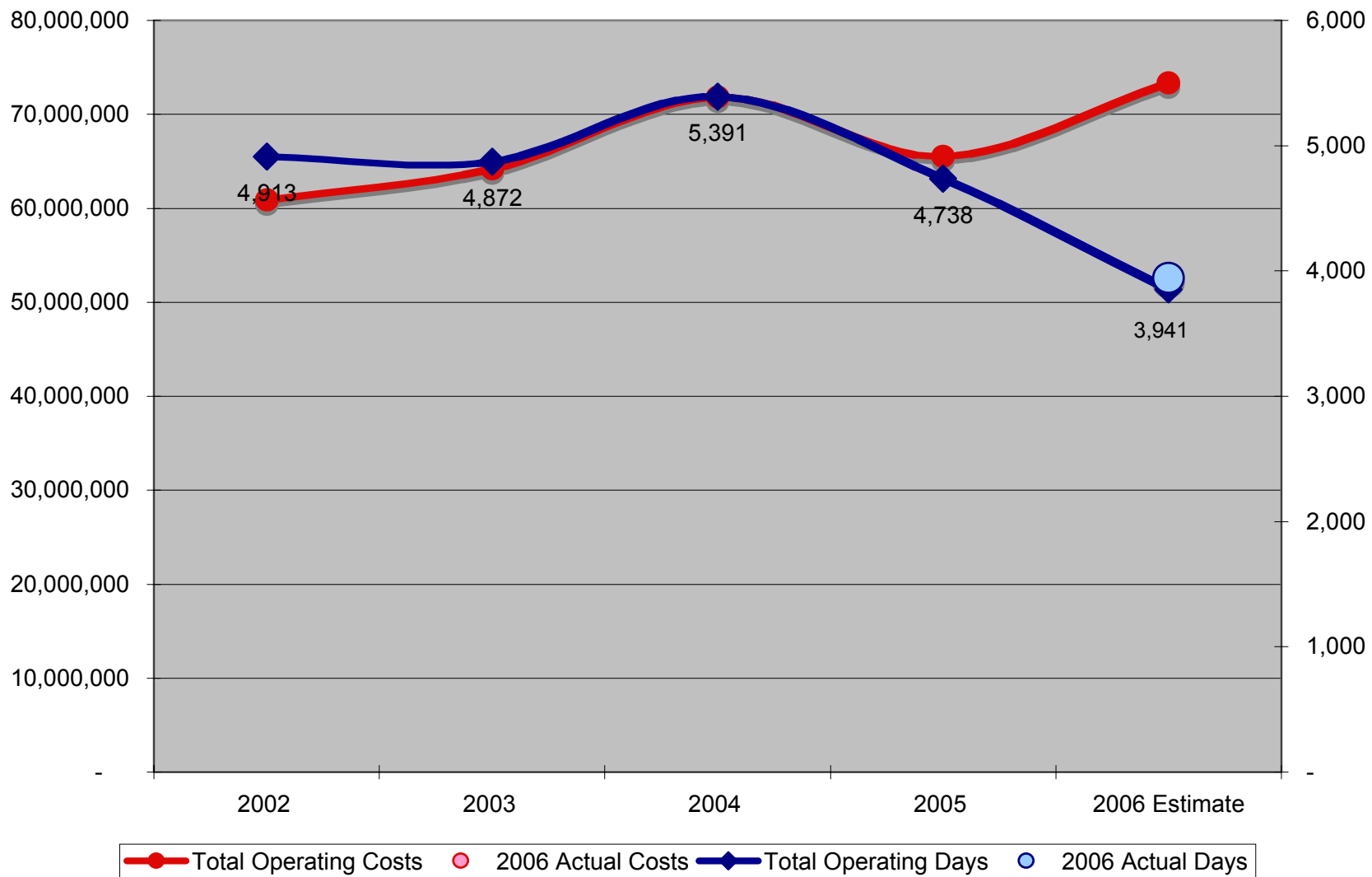
UNOLS Fleet Utilization (2000 - 2007)



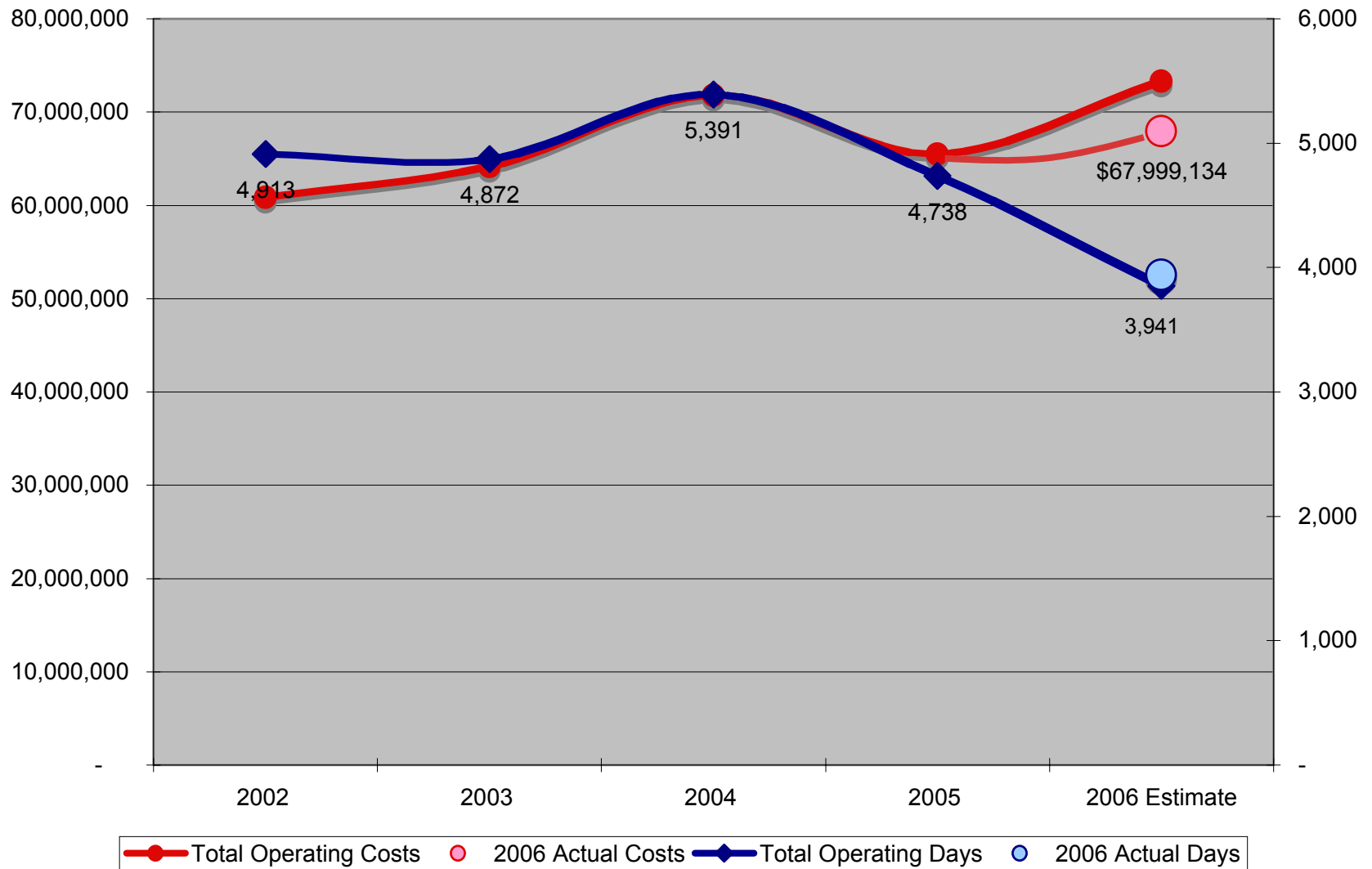
UNOLS Fleet Utilization (2000 - 2007)



2002 - 2006 UNOLS Fleet Operating Days and Costs



2002 - 2006 UNOLS Fleet Operating Days and Costs



Safety Standards for Human Occupied Vehicles



Establish Safety Standards for Human Occupied Vehicles (HOVs)

- NSF and NOAA have provided DESSC with a draft task statement to establish safety standards for HOVs.
- Multiyear effort



Document Outline –General Topics

- Certification of the vehicle
- Certification of the ship
 - Submersible Support Ship Procedures
 - ISM and Ship Support
- Certification of the handling system
- Certification of the Operation
 - Operational Guidelines and Limitations
 - Emergency Procedures
- Training
- Science Party Guidelines



2006 Council Elections – Terms Expiring (or change in status)

<i>MEMBER</i>	<i>INSTITUTION</i>	<i>POSITION</i>	<i>TERM</i>
Peter Wiebe	Woods Hole Oceanographic Institution	UNOLS Chair	9/02 - 10/06
Marcia McNutt	Monterey Bay Aquarium Research Institute	UNOLS Chair-Elect	10/04 - 10/06
Tim Cowles	Oregon State University	UNOLS Immediate Past Chair	9/98 - 10/06
Curtis Collins	Naval Postgraduate School	Member - Operator	9/00 - 9/06 (2nd)
Wilford Gardner	Texas A & M University	Member - At Large	9/00 - 9/06 (2nd)
Cindy Lee VanDover	College of William and Mary	Member - Non-Operator	9/03 - 9/06

