



UNOLS Council/Annual Meeting

October 2005



Ship Scheduling Committee Report-

Rose Dufour

Charts & Graphs-



Mike Prince

July/September of 2005

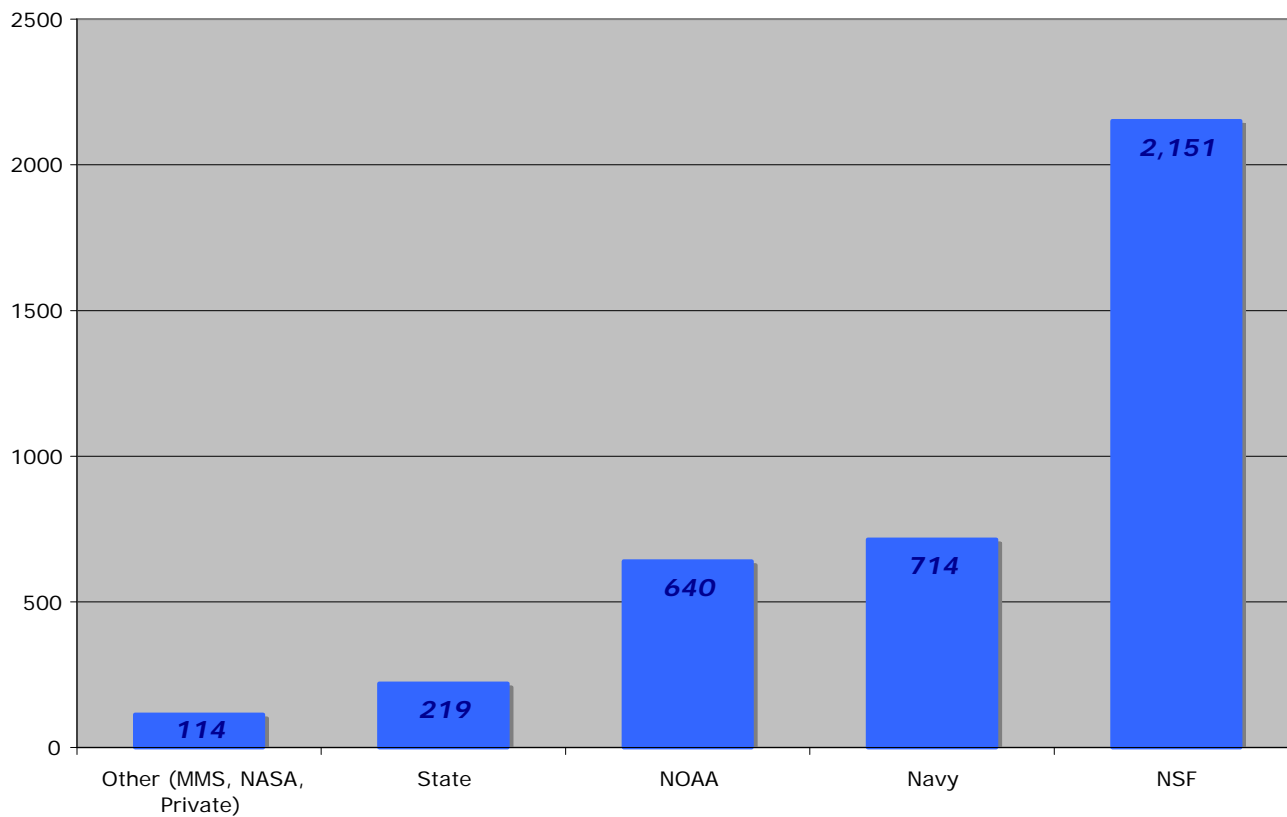
* Global/Ocean class schedules would be prepared with approximately 200-225 days. This number was derived by taking the number of days for a 12-14 month lay-up period and dividing by the six ships, then subtracting it from the normal operating schedule of 275-300.

In our usual manner, the Ship Scheduling Committee held its July and September meetings in order to move towards viable 2006 operating schedules. Just prior to the summer scheduling meeting, ONR advised large ship schedulers that NSF and ONR had come to an agreement to use rotating extended maintenances periods in home port. This would help absorb some of the monetary shortfall in the 2006 ship budgets for Navy owned AGOR ships rather than "laying-up" these vessels. This changed the momentum of efficiently scheduling ships and anticipating full schedules for all but one or two, back towards re-distribution of work on all AGOR class vessels.*

A large portion of the shortfall in funds and ship days will fall upon intermediates and regional class vessels. Currently Alpha Helix will be in lay-up status, while, Marcus Langseth, Oceanus, Endeavor, New Horizon and Wecoma are working on the premise of partial lay-ups. Many other vessels are operating well below optimal utilization. Some institutions will receive a monetary supplement from NSF to help with crew retention.

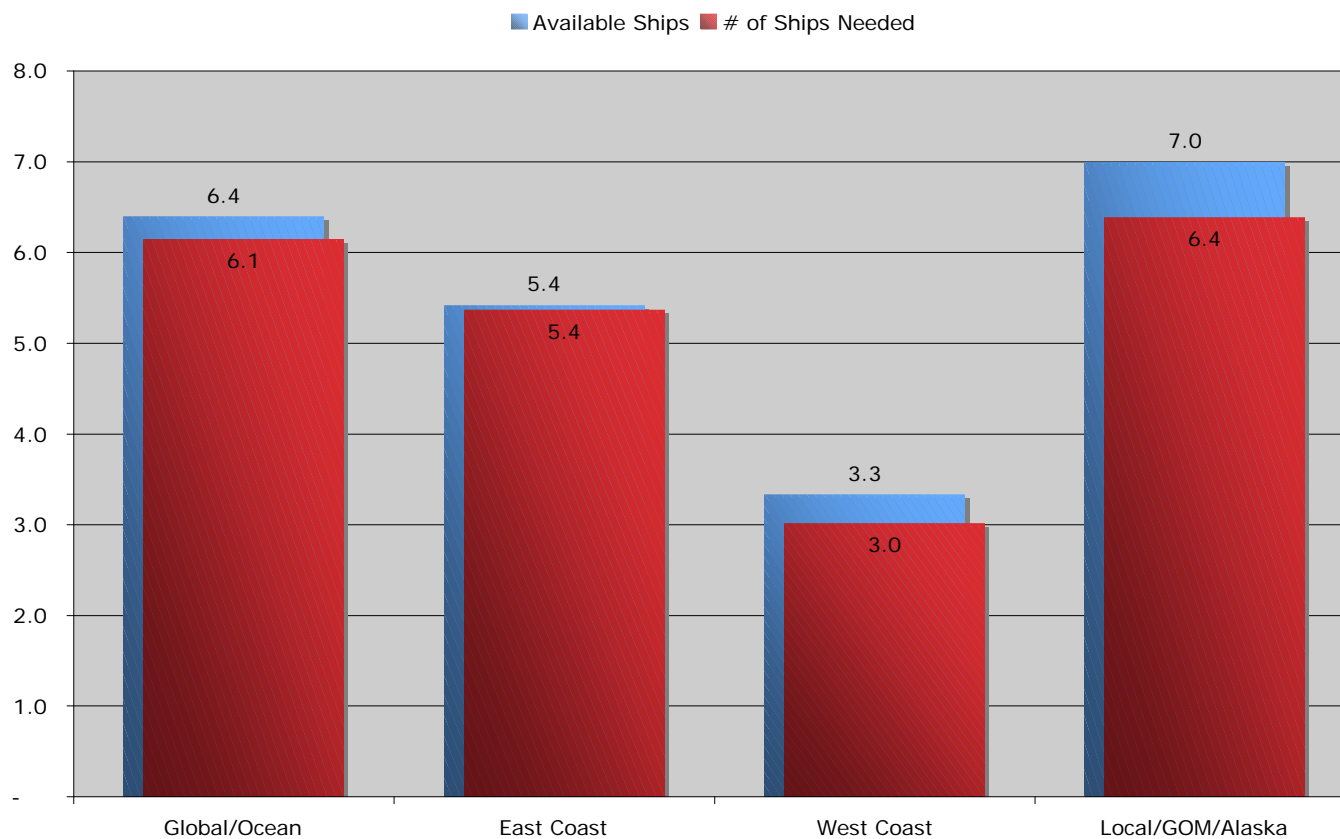
3,829 Operating days

2006 UNOLS Operating Days by Agency:



2006 Utilization after lay-ups by Region

Ships Available vs. Ships Needed



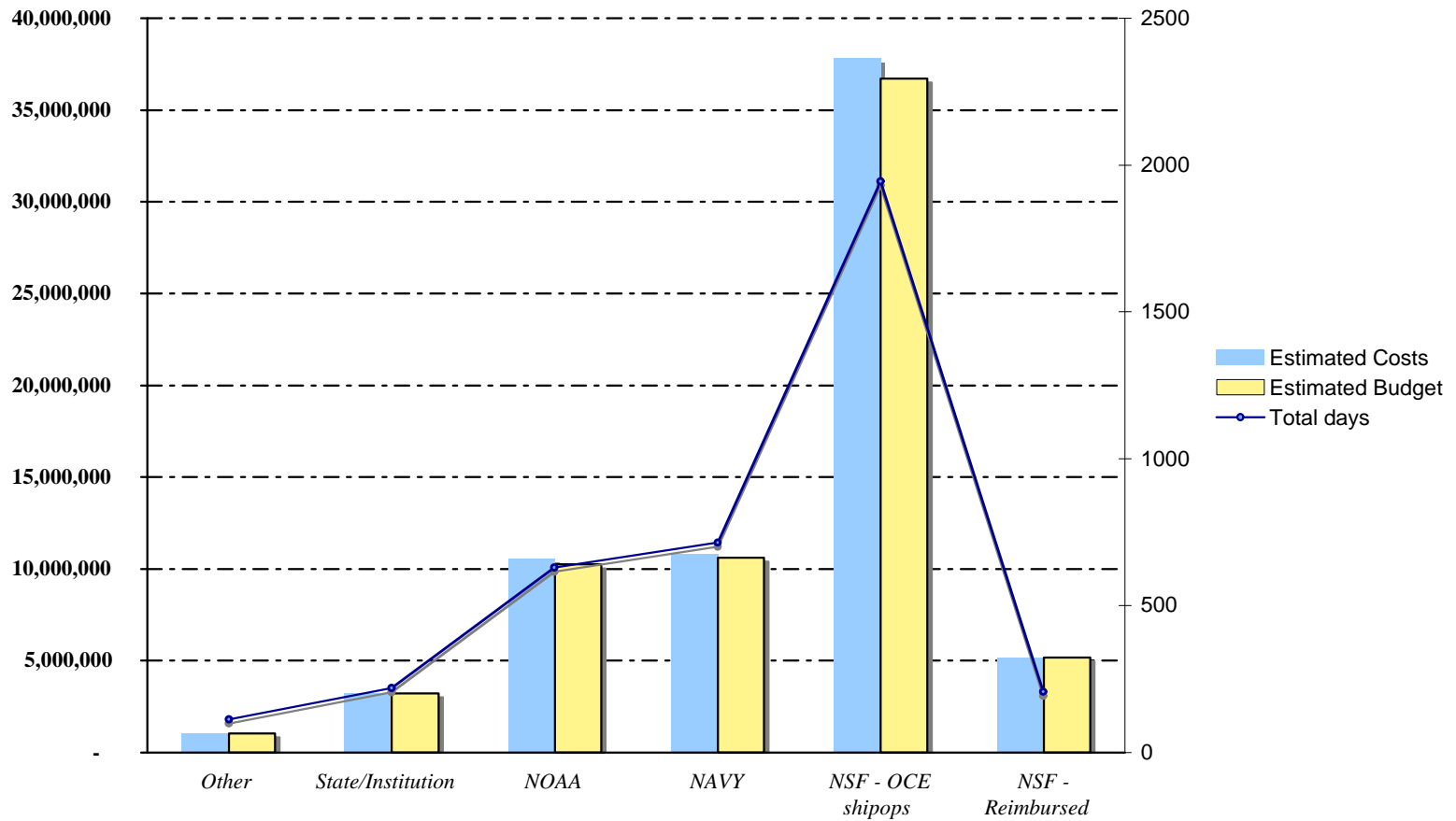
The dichotomy here is the consideration of the prospect of under utilizations on the one hand while not being able to schedule all funded 2006-field work (deferred and newly funded). Some of the funds associated with NSF spending is not going towards accomplishing science, rather for lay-up costs

The number of available ship years is corrected for planned layups and partial layups. (prolonged periods out of service)

Layups include (yrs):
 Marcus Langseth - .6
 Endeavor - .25
 Oceanus - .33
 New Horizon - .33
 Wecoma - .33
 Alpha Helix - 1.0

Costs versus Estimated Budgets

2006 Scheduled Days and Estimated Costs



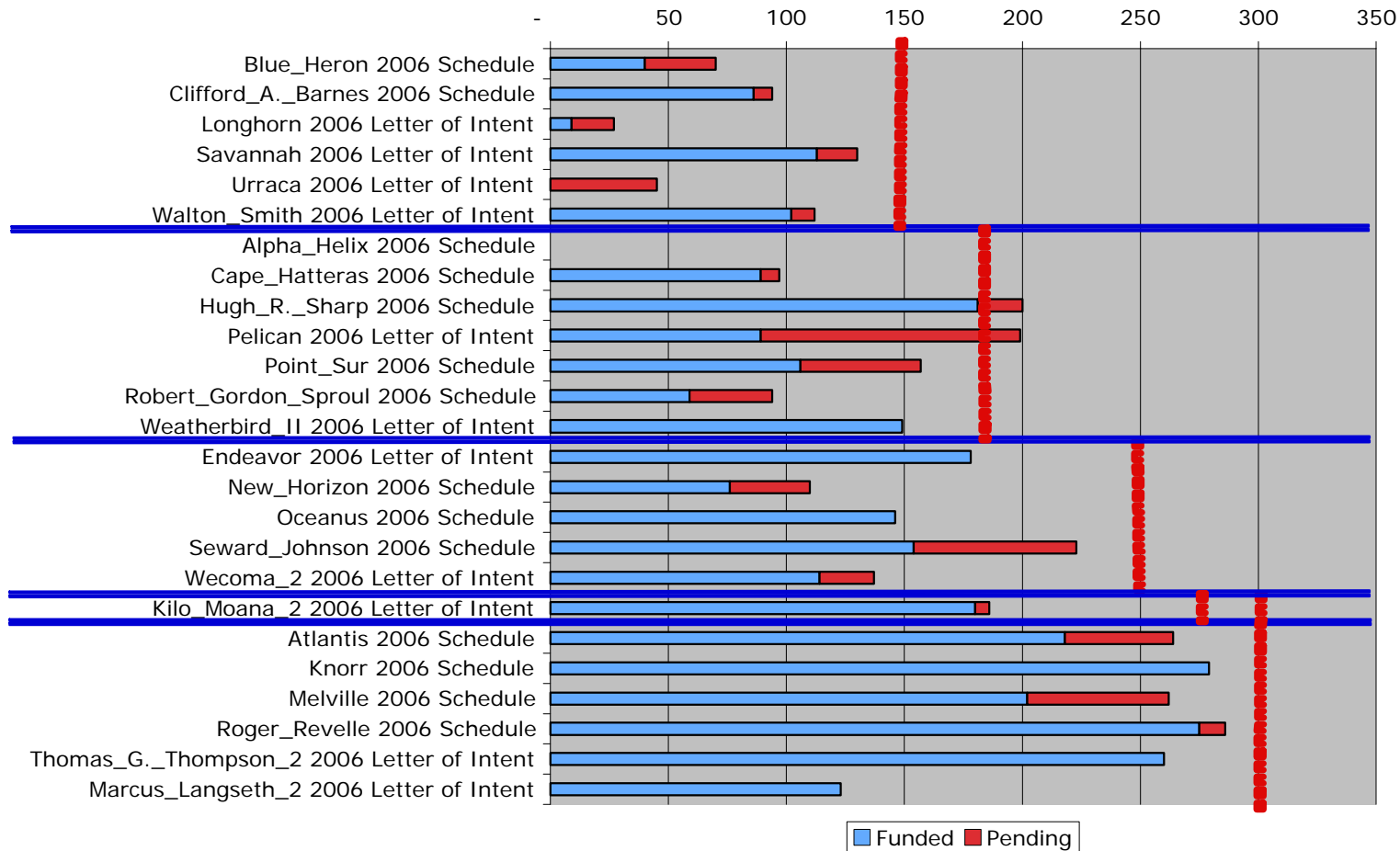


Letters of Intent

- Large ship schedules still have questions marks, which can only be resolved with the final congressional appropriations for the Navy's plus-up and NOAA ship charters.
- During the September scheduling review, NOAA may have underestimated their ship/ROV costs. The net result will be a reduction of NOAA time to fit within their projected budget.
- Schedules are slowly moving from the Letter of Intent to posted preliminary 2006 schedules for public viewing.

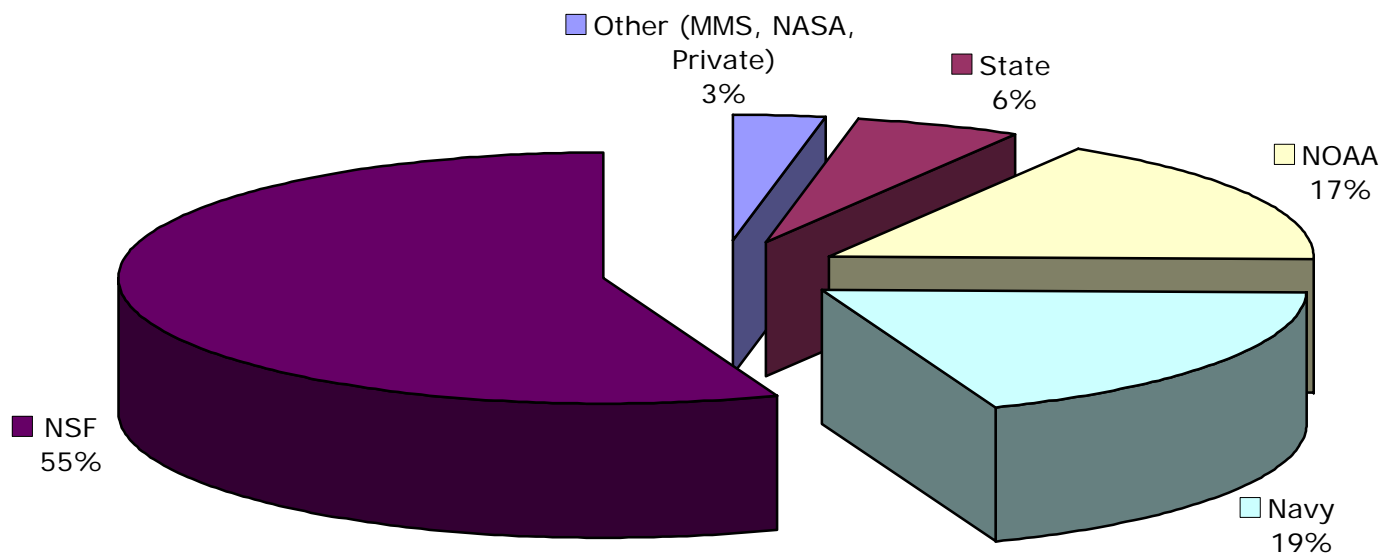
2006 UNOLS Ship Utilization

2006 UNOLS Operating Days

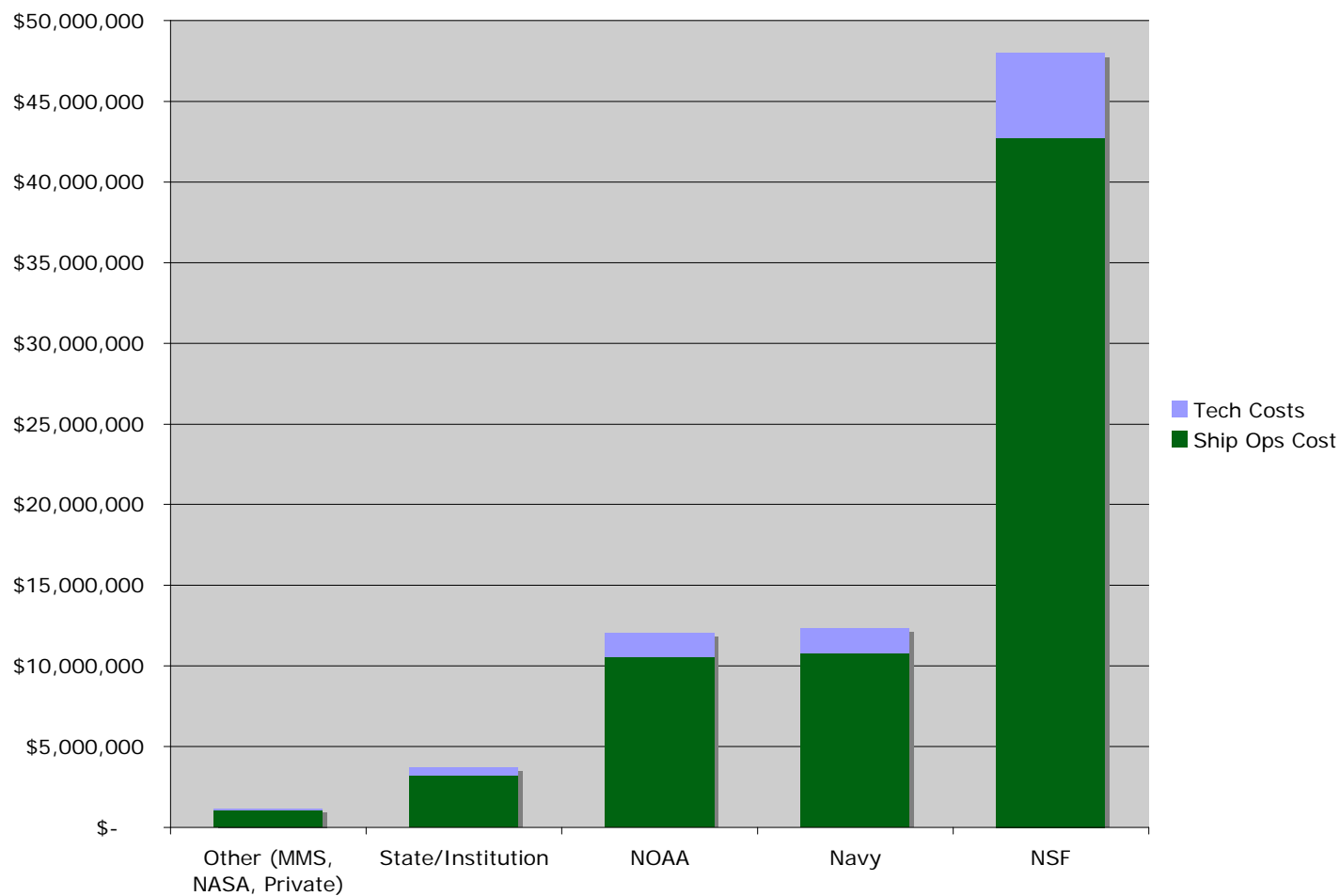


- Note: In the FOFC fleet renewal plan Ocean Class utilization is nominally 275 days, whereas the Global class utilization target is about 300 days. Regional class utilization is 180 - 200 days and local vessels are about 150 days.

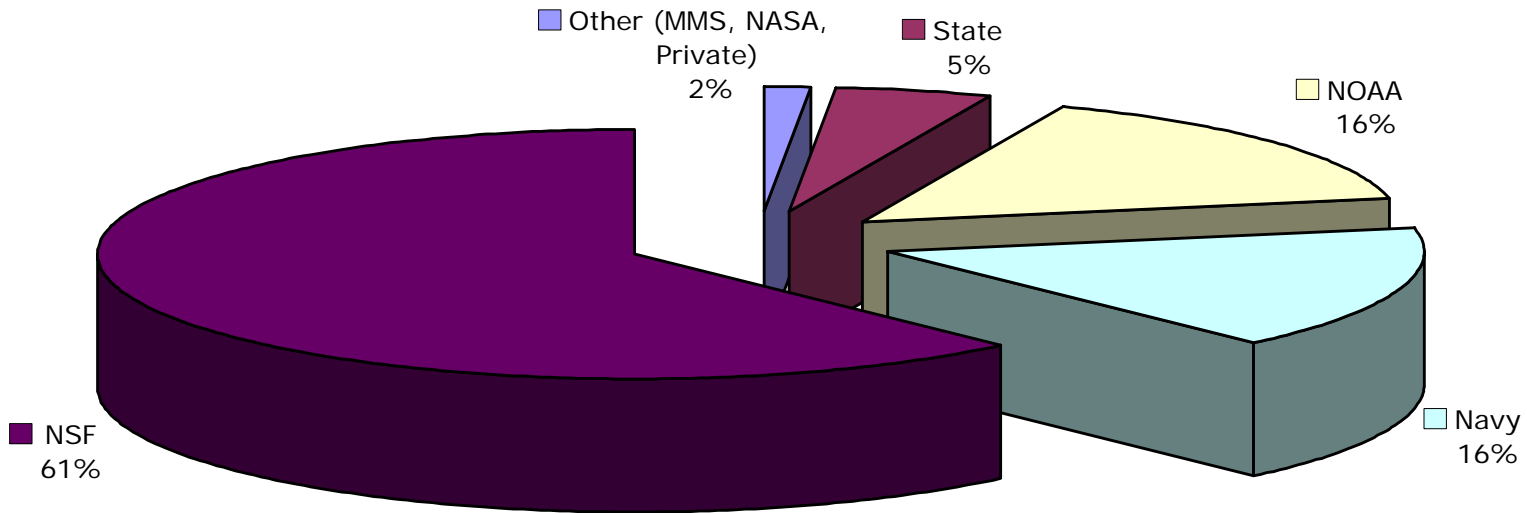
Percent of 2006 Op Days by Agency



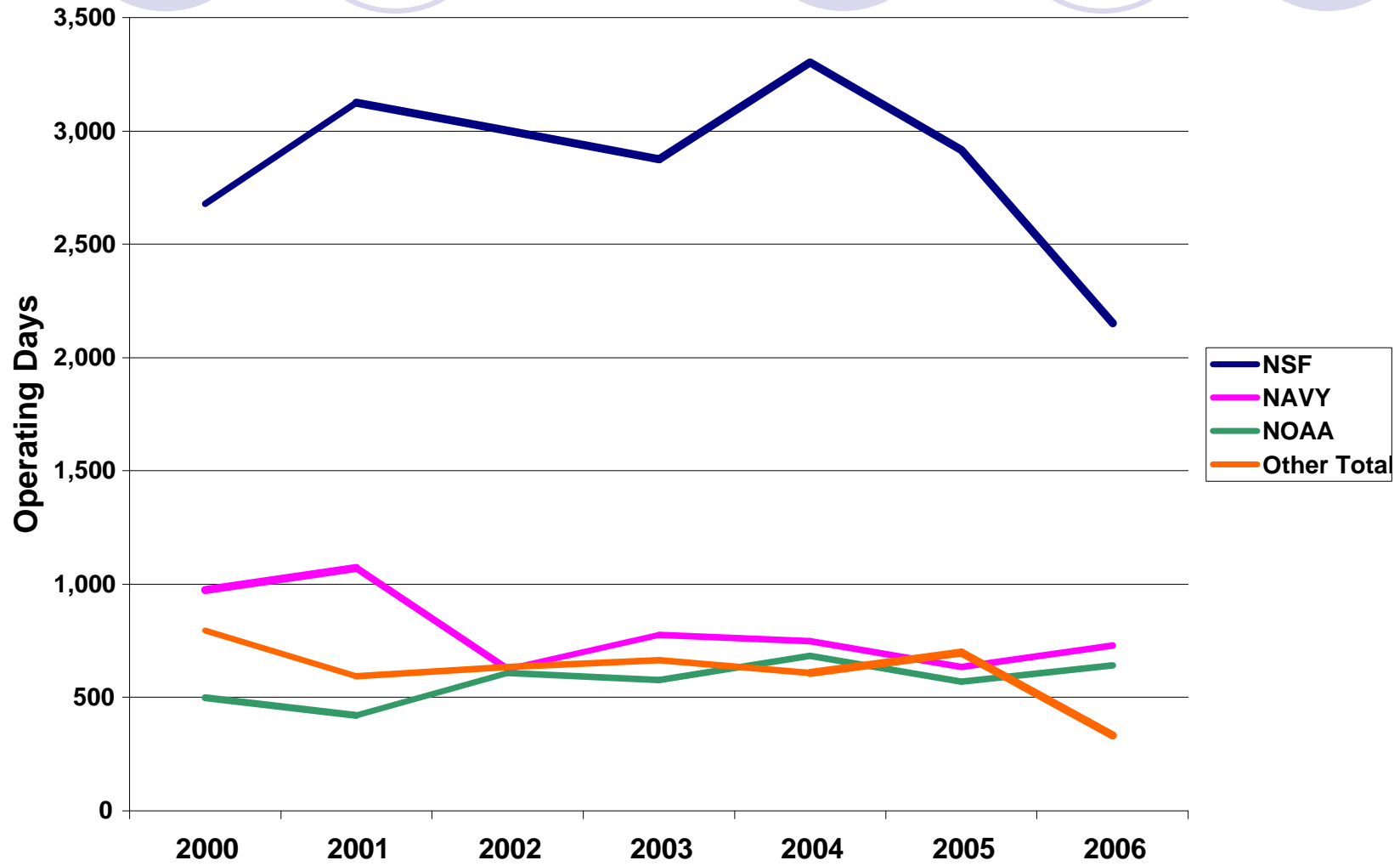
\$77M in Ship Ops & Technician Costs



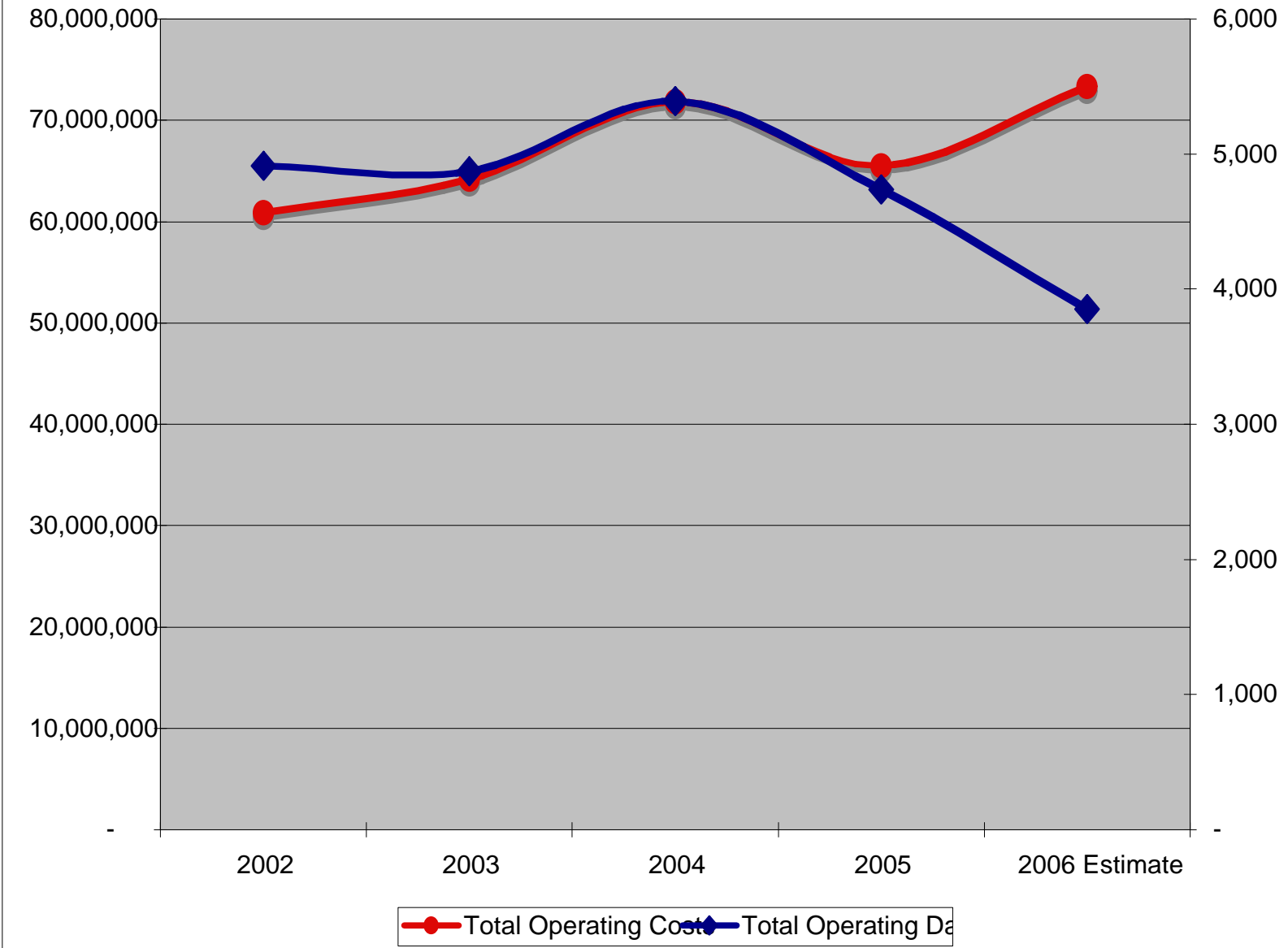
Percent of 2006 Total Ship Operations Costs by Agency



UNOLS Fleet Utilization (2000 - 2006)



2002 - 2006 UNOLS Fleet Operating Days and



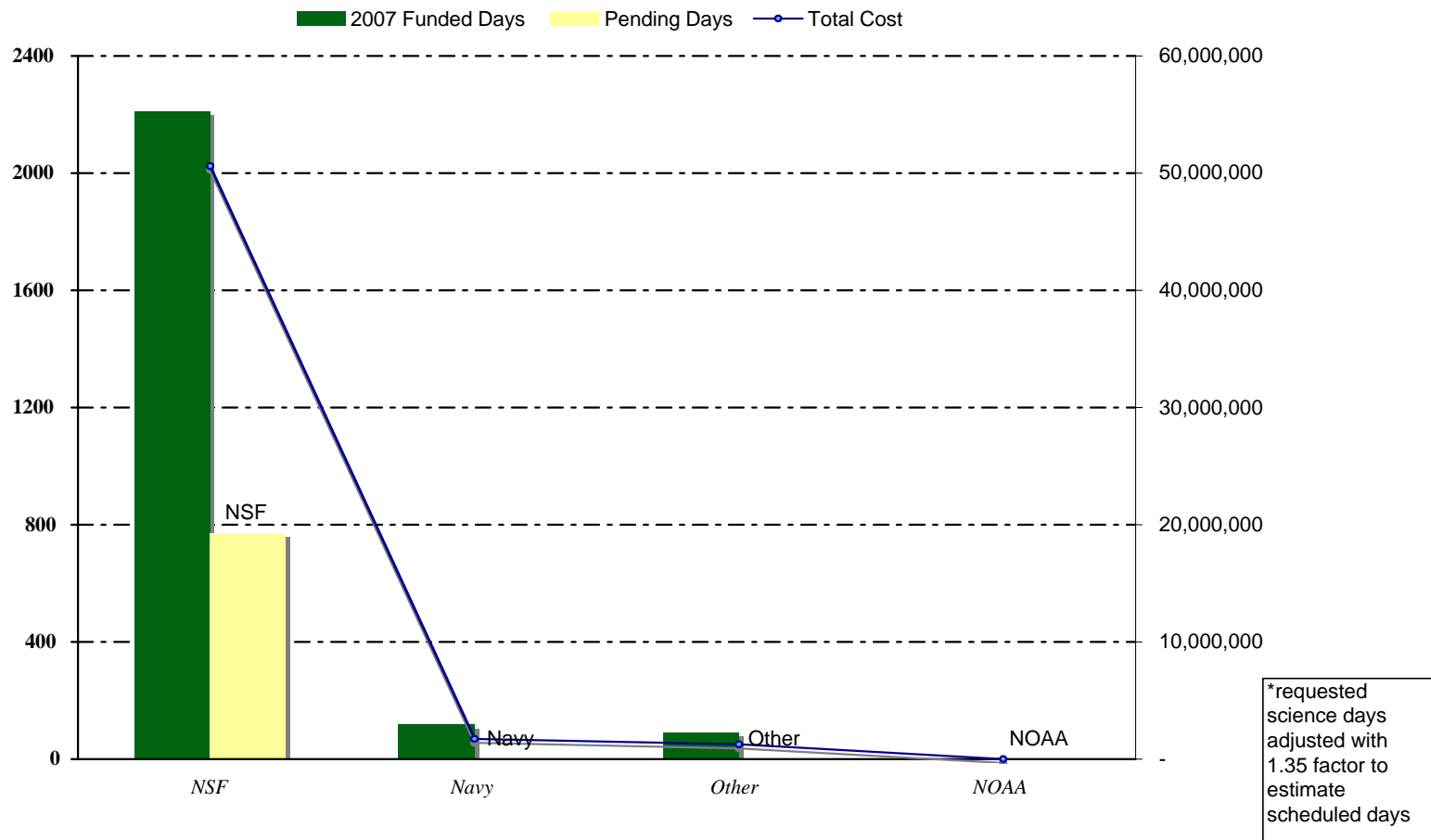
Miscellaneous Items:



- Some activity has occurred for UNOLS to play a small role in DART deployments in 2005/2006. NOAA/NDBC has taken a stance that once schedules have been developed, then they can better decipher opportunities to insert work for deployments, turnarounds, and repairs.
- The status of the Navy UNOLS \$5M remains in the House bill. Thus at conference it is likely, though not guaranteed to survive.
- The NSF director provided OCE with approximately \$3M to cover increases in fuel costs, which will help prevent deferring even more field programs into 2007.
- Despite large ship availability, some NSF programs have been moved to non-UNOLS ships in order to capitalize on savings realized by using regional assets.

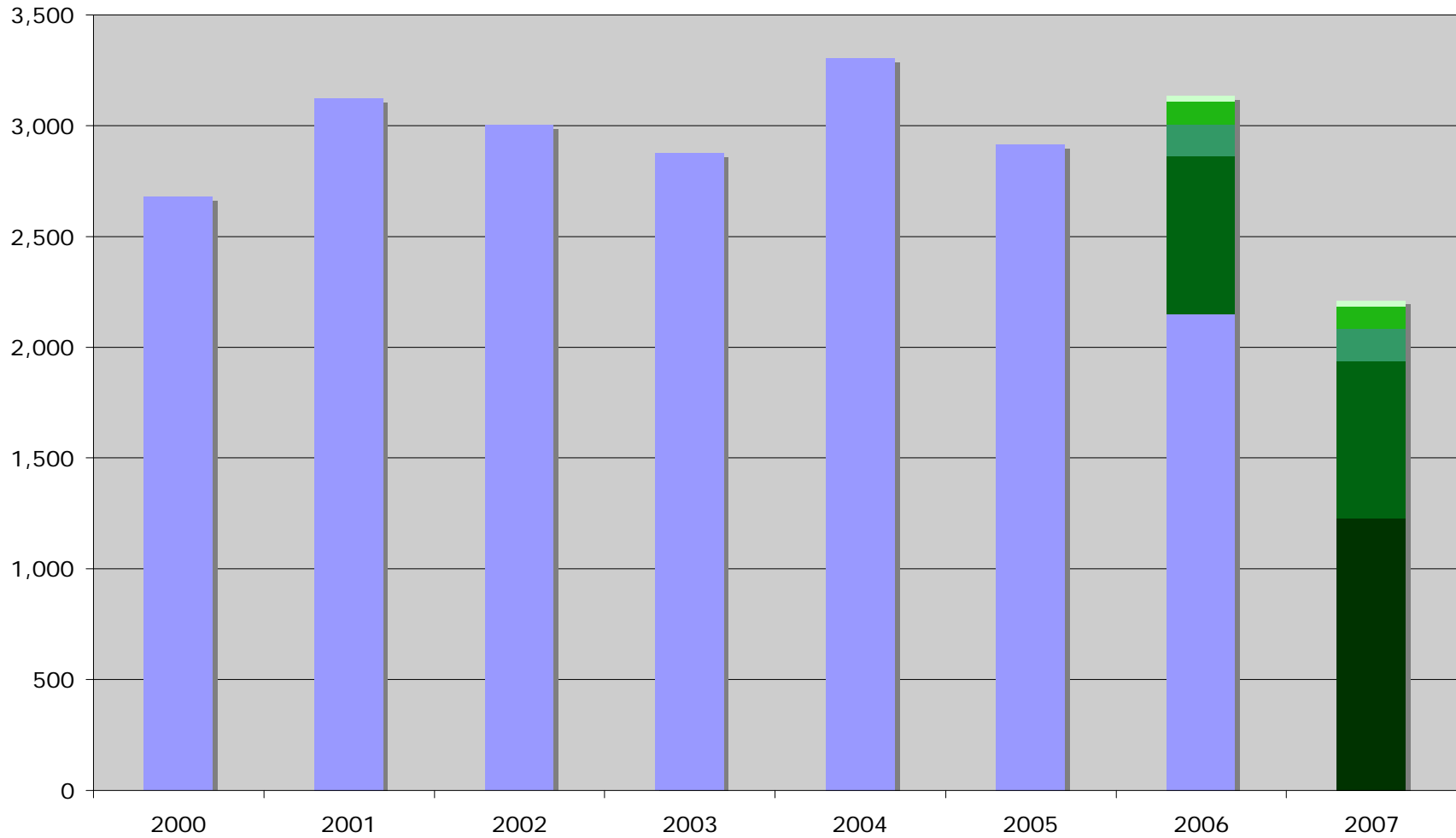
2007 Scheduling

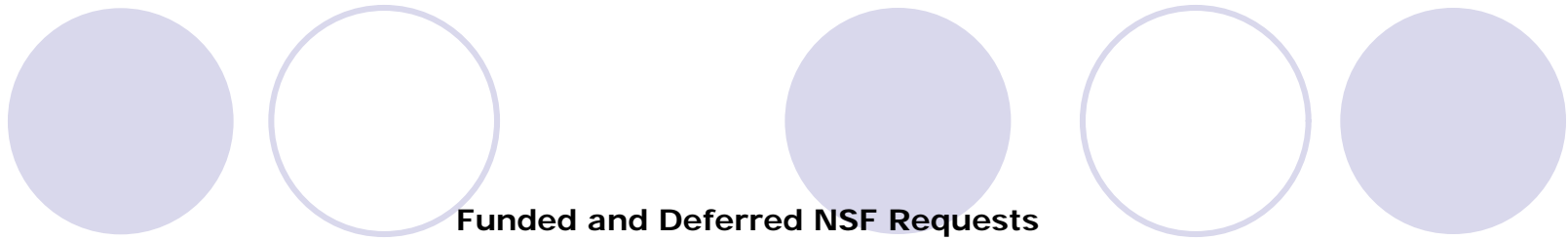
2007 Funded and Pending Requests *





■ Scheduled
 ■ 2007 Request
 ■ Deferred 2006 Request
 ■ 2005 STR
 ■ 2004 STR
 ■ 2003 STR





Funded and Deferred NSF Requests

■ Scheduled
 ■ 2007 Request
 ■ Deferred 2006 Request
 ■ 2005 STR
 ■ 2004 STR
 ■ 2003 STR

