

Global Class SMR Project
Phone/Web Conference - March 8, 2005 - 1:00 pm EST
Agenda

- Accept Minutes of January 28th Meeting
- Review status of task items
- Review Preliminary Global Utilization Trends
- Review the Draft Community Survey Form
- Review input from Committee members
- Review project timeline

Task	Assignment/Due Date/Status
Refine Mission Statement	Defer to project end
Review the Ocean Class and 1989 Global Class SMRs to determine what should be included in the SMR document. SMR Word documents are available on the UNOLS website. Tom Althouse will provide SMR comparison table Office. Mike Prince will amend and provide to the committee.	T. Althouse will provide a SMR Comparison table to office – completed 1/31. M. Prince will refine and redistribute to committee for input. Committee input – due 2/28.
Draft Community Survey – Mike Prince will draft by 3/8. Post for Community input – mid April. Deadline for Response – end May/early June.	First Draft – Mike Prince – due 3/8.
Compare current Global Class vessel capabilities with the Ocean Class and 1989 SMRs to determine how well the SMRs describe current and future science requirements.	Large Ship operators (Tom Althouse, Al Suchy, Dan Schwartz, and Paul Ljunggren.

Task	Assignment/Due Date/Status
Evaluate construction projects under development in other countries (UK ship, GOSars vessel). Contact Matt Hawkins (U.Delaware) for the NERC ship project.	Tom Althouse
Identify modifications that have been made to the current Global Vessels BROWN, ATLANTIS, REVELLE, THOMPSON) since they entered service.	Large Ship Operators
ORION Requirements – keep in touch with Rick Jahnke	Dave Hebert
Review past workshop recommendations (ocean drilling, NSF Futures documents, Cowles/Atkinson report, etc). Immediate task is to compile list of workshops, reports and studies.	Committee – provide suggestions to Annette. Annette will compile bibliography – 3/8/05
Review AICC/ARVOC requirements for HEALY and PALMER	Mike Prince

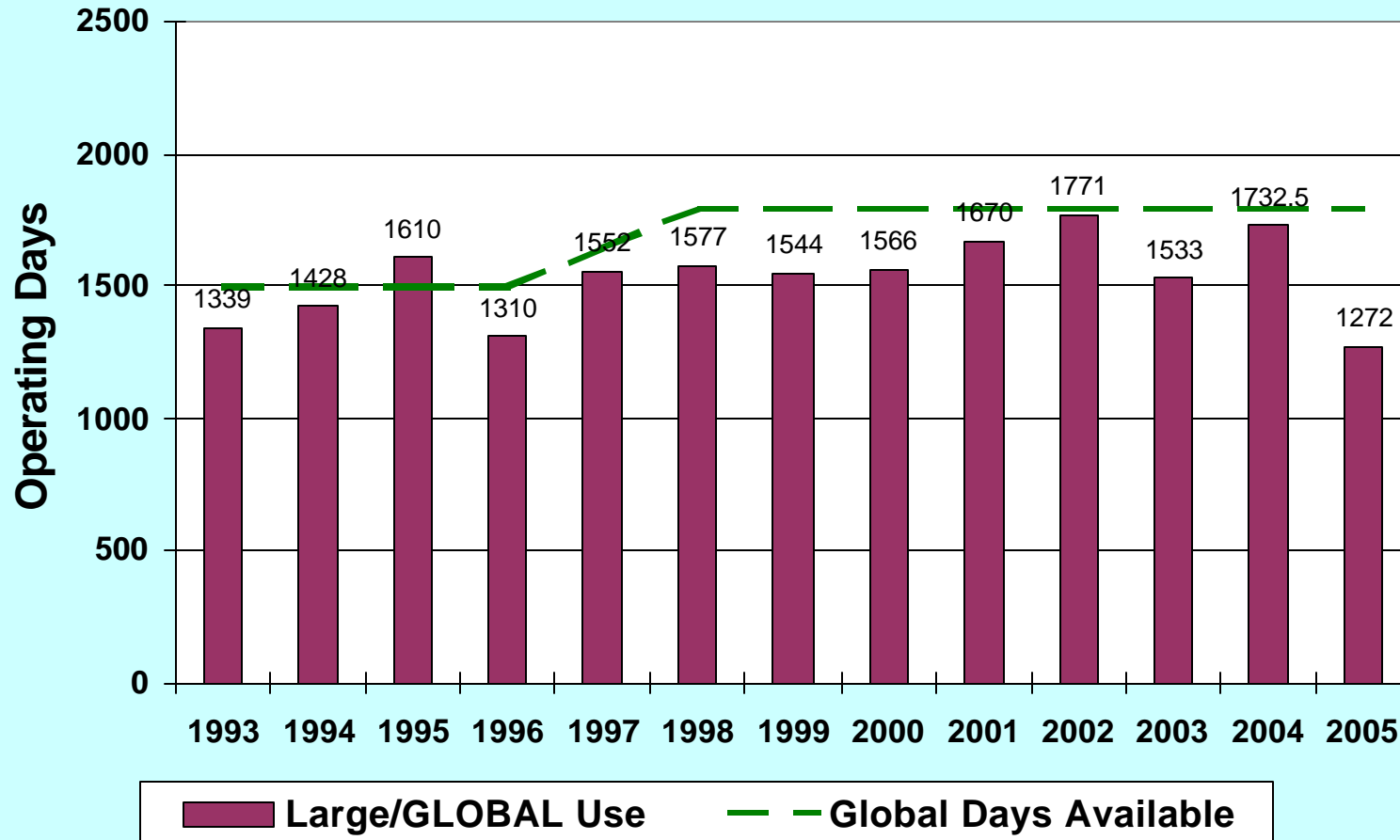
Task	Assignment/Due Date/Status
Investigate technology developments in new commercial ship construction	Dan Schwartz
Identify impacts of new and emerging regulatory requirements (ICES Noise standards, ADA, Marine Mammal and Acoustic Permitting, USCG Inspected, SOLAS ships, HAZMAT, International Requirements, Double Hulls, Ice Capable classifications, Etc.	Large Ship Operators
Contact major funding agencies to determine if they have new science requirements.	UNOLS Office
Compile large ship utilization trends and ship demand.	UNOLS Office

Global Vessel Utilization and Projections

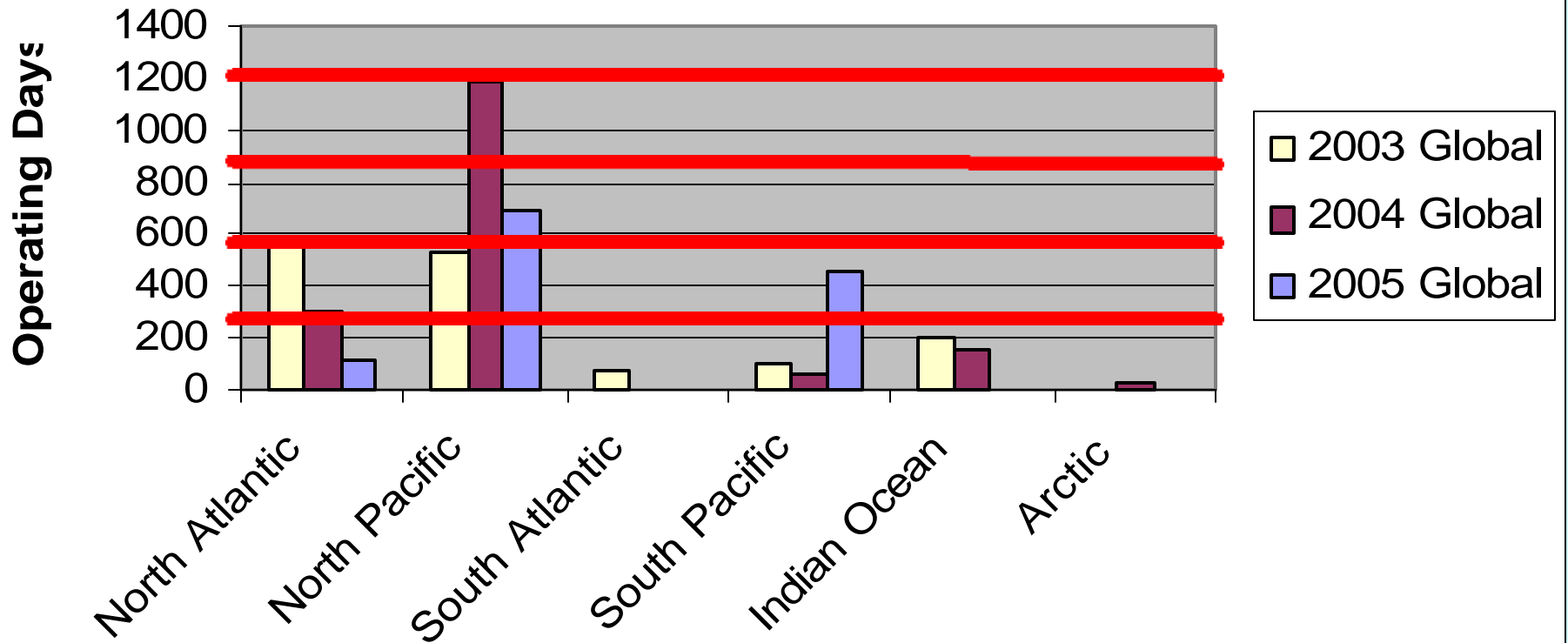
March 2005

The UNOLS Fleet (2005): Ship Characteristics								
SHIP/CLASS	Operator	Owner	BUILT	CONV/ Mid-Life	LOA	Conv/ Mid- Life LOA	Original Science Bunks	Conv/Mid- Life Science Bunks
GLOBAL SHIPS								
MELVILLE	SIO	NAVY	1969	1991	245	279	25	38
KNORR	WHOI	NAVY	1970	1989	245	279	25	34
T.G. THOMPSON	UWASH	NAVY	1991		274		36	
ATLANTIS	WHOI	Navy	1997		274		22	
R. REVELLE	SIO	NAVY	1996		274		37	
EWING	LDEO	NSF	1983	1990	239		32	
* MARCUS LANGSETH	LDEO			2005	235		34	

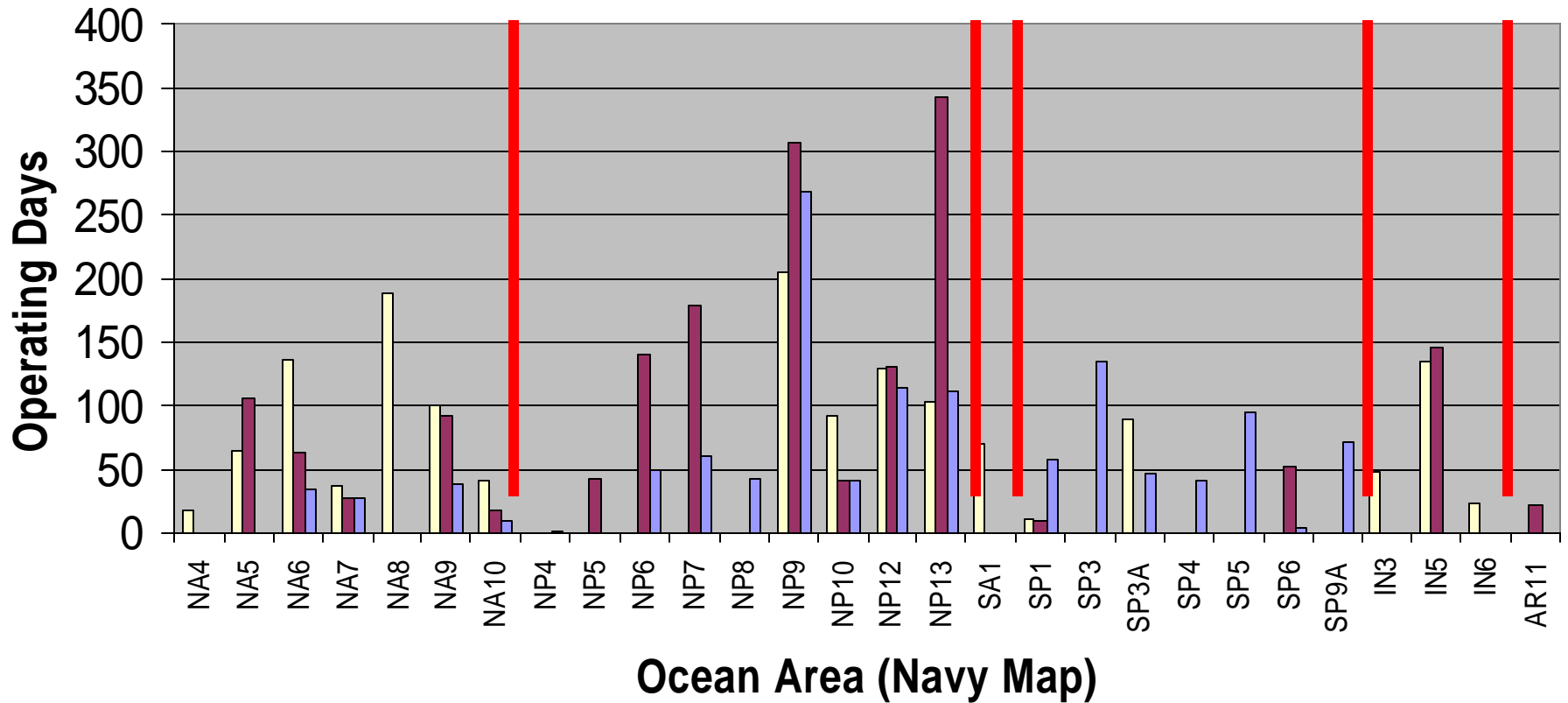
Global Utilization Trends



Geographic Distribution - Global Ship Time



Geographic Distribution of Global Shiptime

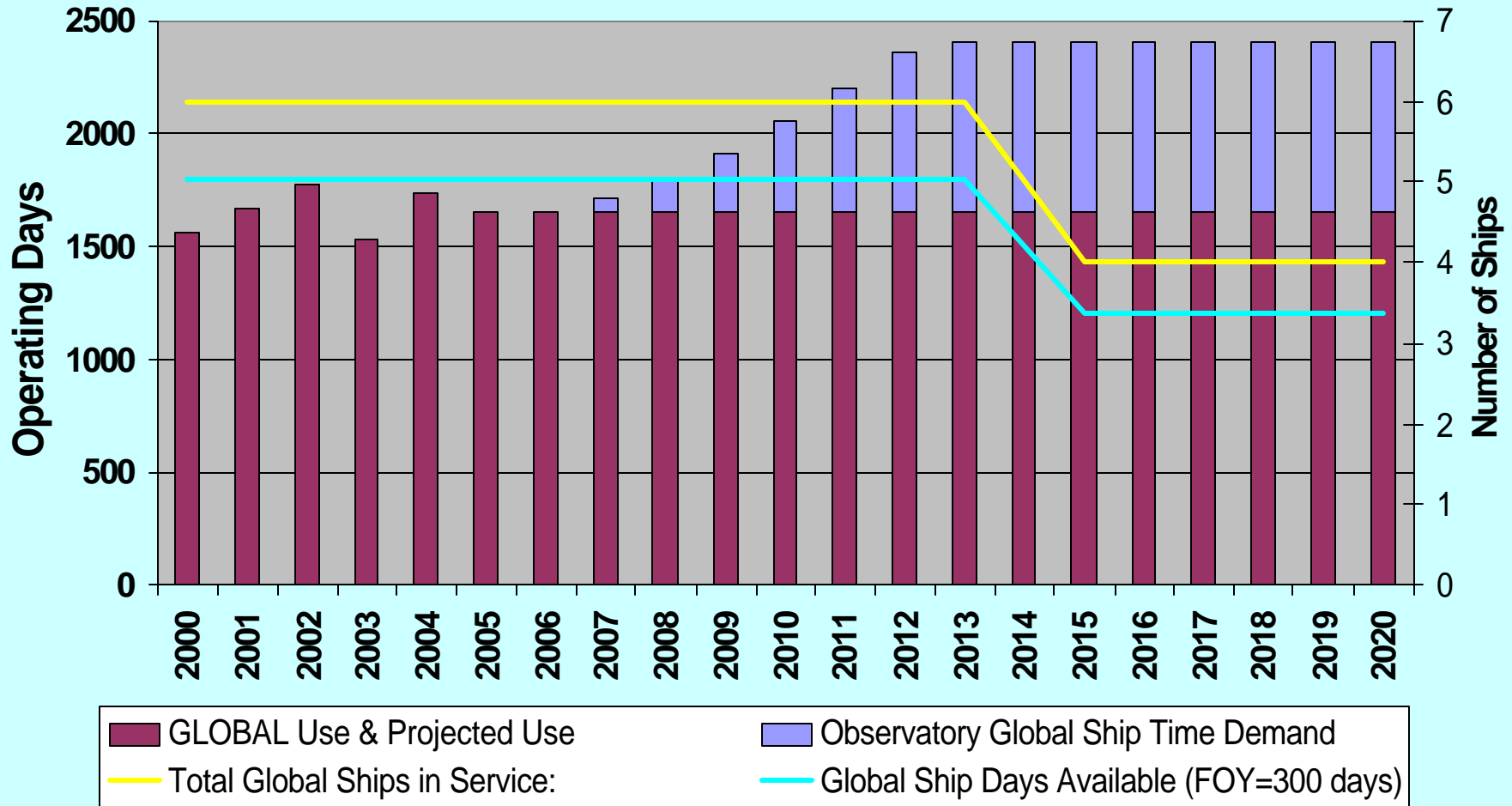


2003 Global

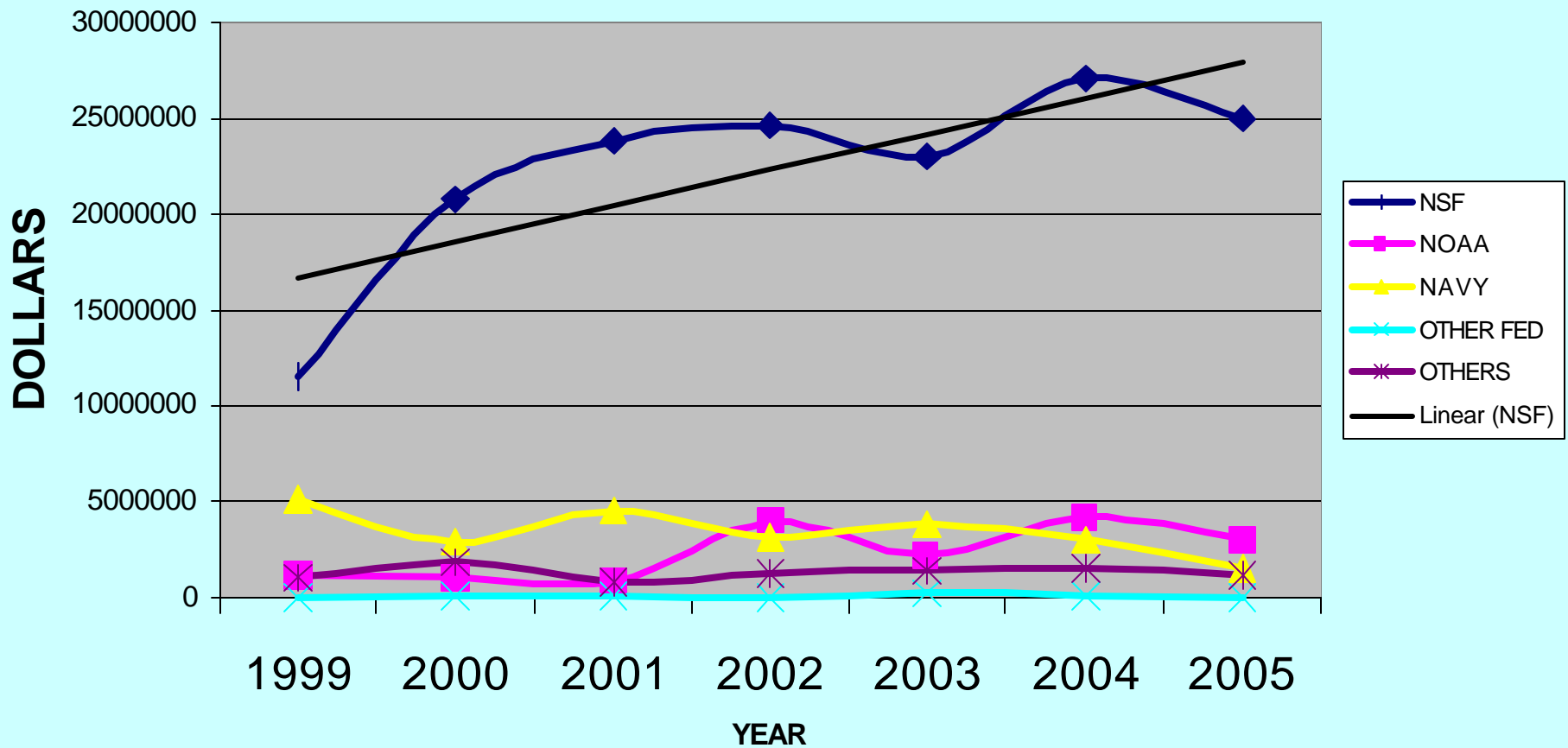
2004 Global

2005 Global

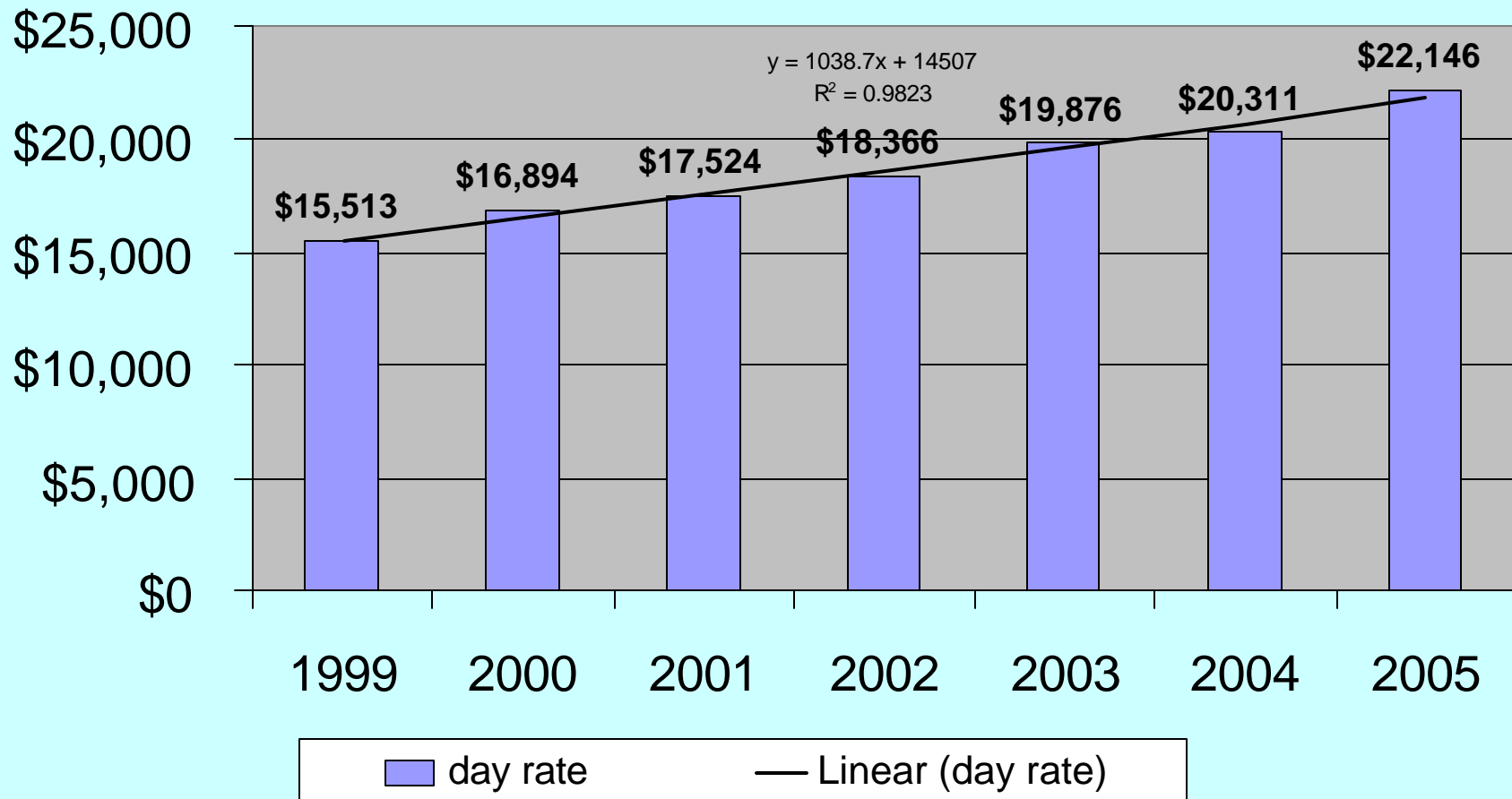
UNOLS Fleet Utilization and Projections (2000 - 2020)



SHIP OPERATING COSTS BY AGENCY AND YEAR - GLOBAL CLASS SHIPS



Day rates for global class ships (includes KILO MOANA)



Project Timeline

- Items due by the next meeting are identified in the Task summary table.
- Post Survey for community input - mid April
- Deadline for community response - End of May/early June