

ONR Report to RVTEC

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Honolulu, HI

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Internal Changes at ONR

- Dr. Jane “Xan” Alexander has been appointed Executive Director for Science and Technology at ONR
- Sujata Millick left ONR last December to take a position at DOC.
- Tim Pfeiffer has retired from his position at Research Facilities.
- John Freitag has taken Tim’s Position at Research Facilities



NAVY FUNDING HIGHLIGHTS for CY2003

- Total 2003 Navy Ship time: 950 Days
- Requested by ONR projects: 750 Days
- (up approximately 60% over 02)



Other ONR CY 2002 Funding

- East Coast Scanfish as pooled Equipment
- Delaware Multibeam funded through DRUIP
- POS-MV for KNORR
- Model testing for new U Delaware Vessel
- SCR Drive Upgrades for KNORR/MELVILLE
- Z drive reliability study with NSF



Kilo Moana

- Kilo Moana was delivered to the University of Hawaii as operator in September 2002
- K-M is the first member of the Ocean Class of vessels which will replace the present intermediate class.
- As the first SWATH design in the UNOLS fleet, the K-M performance will be of great interest to the community.



Fleet Renewal

- ONR Common Hull study to consider 4 classes of Oceanographic ships:
- Tasks:
 - Compile SMR's for each class
 - Investigate areas of commonality
 - Develop Construction and Operating Cost estimates
 - Consider various Hull forms





Oceanographic Ship Common Scalable Hull Study

Trimaran



Analyze the possibility of reducing acquisition cost of future TAGS(X) and UNOLS Ocean Class ships through use of a common scalable hull or other elements in common.

SWATH



Project team: ONR, N096, NSF, UNOLS, and NAVSEA. Other agencies are encouraged to participate.

SLICE



HSV



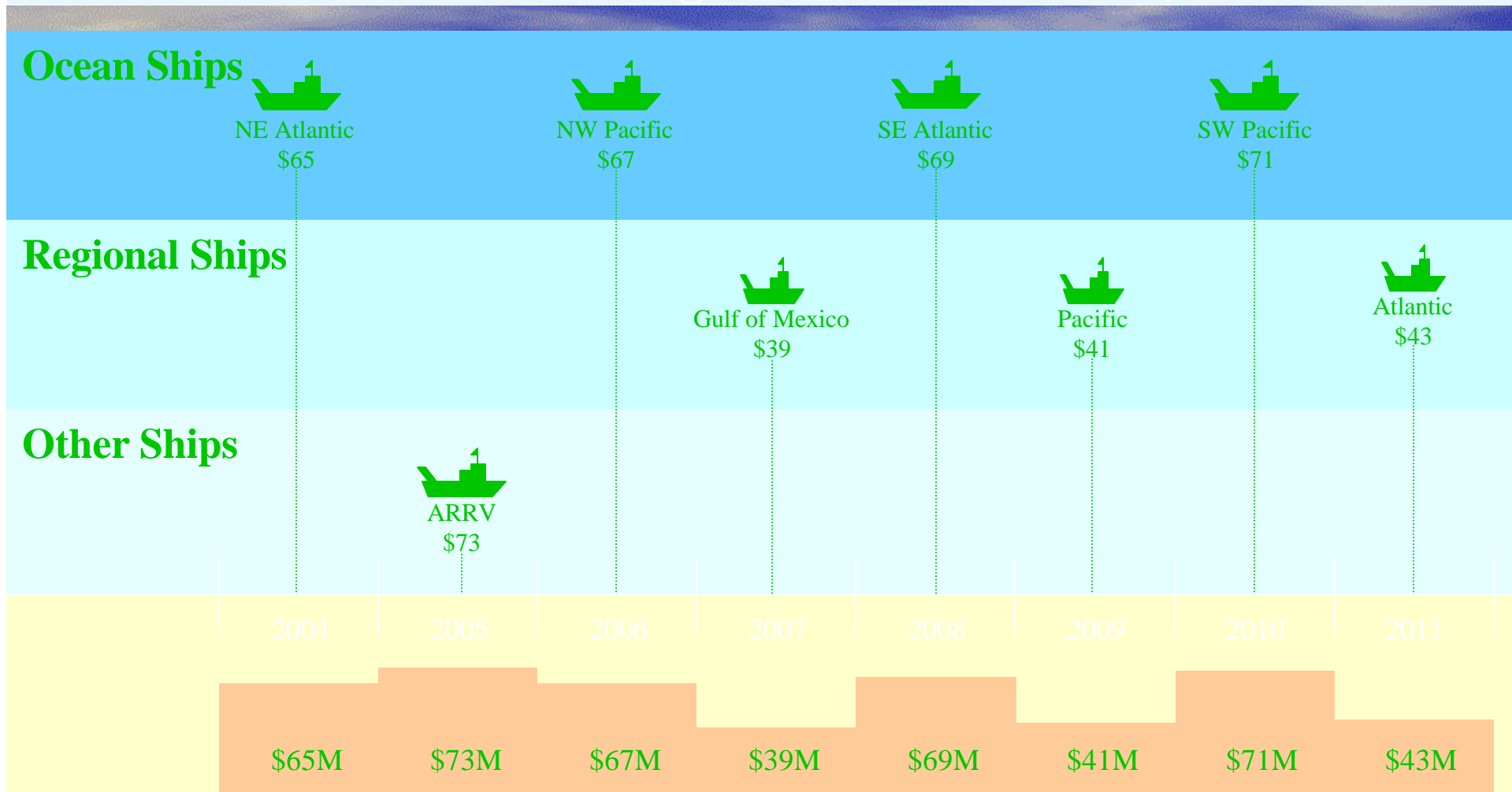
Renewal Costs

- Regional Class goal is to be kept under \$25Mil
 - NSF is considering funding this class
- Ocean Class Cost estimated \$65-70 Mil
 - Navy will probably fund this class
 - AGOR 26 performance will be studied both for design and funding considerations.





Draft Navy Implementation Plan for Fleet Renewal, Program Costs (Millions)



\$2M per each successive ship added for inflation

Construction costs include an allowance for life cycle cost reduction technology demonstrations.

Total Program Cost: \$468 Million

