

APPENDIX VII

Status of New Research Vessel

STATUS OF NEW RESEARCH VESSEL

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Current Status

- Language in Defense Authorization and Appropriation Bills regarding replacement of R/V Moana Wave.
- It directs the Navy to look at SWATH and SLICE design options.
- ONR has requested that UNOLS forward science mission requirements for a Class II/III ship by

Jan 27 1997

- ONR forwards ship specifications to NAVSEA by
Feb 7 1997

CURRENT ACTIONS

- ONR/N096 has issued a tasking letter to NAVSEA to allow them to begin the following tasks:
 - Conduct a SWATH Market Survey
 - Review the spectrum of current designs, technology, and capabilities
 - Study Ship Acquisition Options
 - COR, will provide the shipbuilder greater flexibility
 - ACAT levels down-selection
 - Detail design
 - Integrated Process and Product Teams
 - Cost as an independent variable, CAIV
 - Program of Actions and Milestones, POA&M

Ship Design Considerations

- NAVSEA cannot develop a design that substantially exceeds the allocated ship construction funding.
- NAVSEA will evaluate SWATH, Monohull, and SLICE.
- NAVSEA currently does not have “design money” to do studies and cannot use SCN funds.

Ship Design Considerations

- “Best Value” Trade Offs, Feasibility Studies
- Prioritize Requirements/Mission Parameters With High-Low Ranges
 - Endurance/Accommodations
 - Speed/Seakeeping
 - Lab Space, etc..

Order of Events

Release RFP.....	June 1997
Select Ship Builder.....	September 1997
Ship Delivery.....	September 1999
Fully Operational.....	2000

- Above Schedule is very optimistic, and everyone should anticipate slippage.