

# **APPENDIX XI**

**ONR - 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.