



## Other FIC Activities

- *Watching:*
  - SWATH developments: WHOI, UH. If these are effective sea going activities may change drastically.
  - Regional/Sub-regional ships: all th 50 - 110 ft ships coming on line around the US.
  - NR-1 and NR-2 planning. Provide science input as requested.
- SMR's - Will be done only when really needed.

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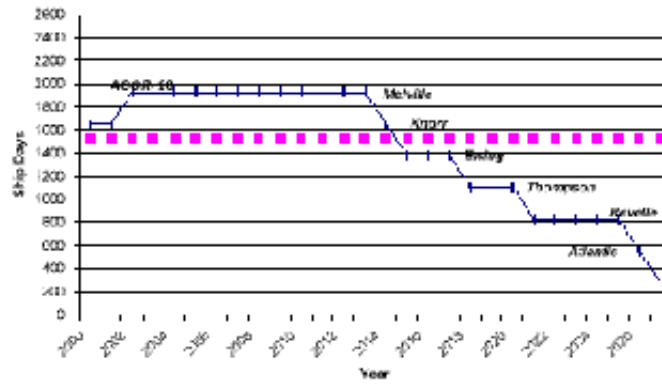
## Future of the Fleet

Time lines of layups

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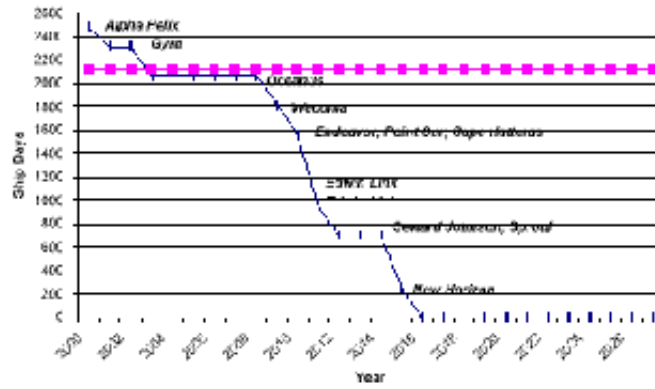
## Global/ Expeditionary



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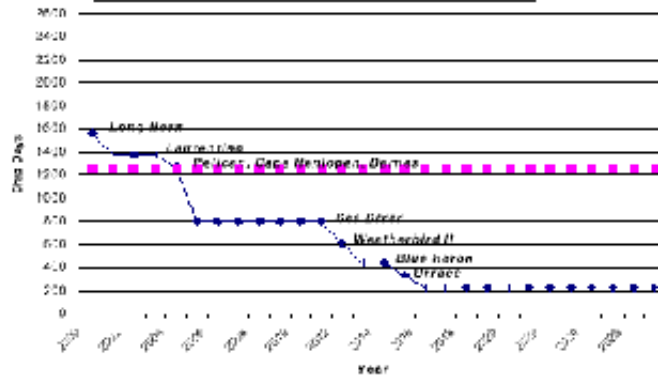
## Intermediate/Regional



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## Local/NearShore



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## Long Range Planning for the UNOLS Fleet

- FIC Activities relevant to renewal
  - Access to past documents: SMR's, etc.
  - Revising FIC WWW site. More information.
  - Community Awareness: *EOS*, *Sea Technology* Soapbox, etc.
  - Fleet trends
  - Future retirement projections

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## Fleet Renewal (Replacement) Plan

- Purpose - Renewal plan with rationale. Provide basis for informed debate and decision making.
- Process
  - Announce to community our intent to do this. Survey community for opinions.
  - Information needs:
    - Constraints on replacement: Crew size costs, inspections, automation savings.
    - Usage projections by size and region.
    - Large ship trends (will it keep growing)
    - Impact of growing 'sub regional' fleet
  - February 2001 locked door session to write it. (Prior to UNOLS Council).

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## More considerations

- Science Requirements
- Design Requirements
- Replacement
  - rates
  - types
- Acquisition methods
- Operator selection methods
- Technical upgrades
- Methodology to determine lifetime, refits, critical items.

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