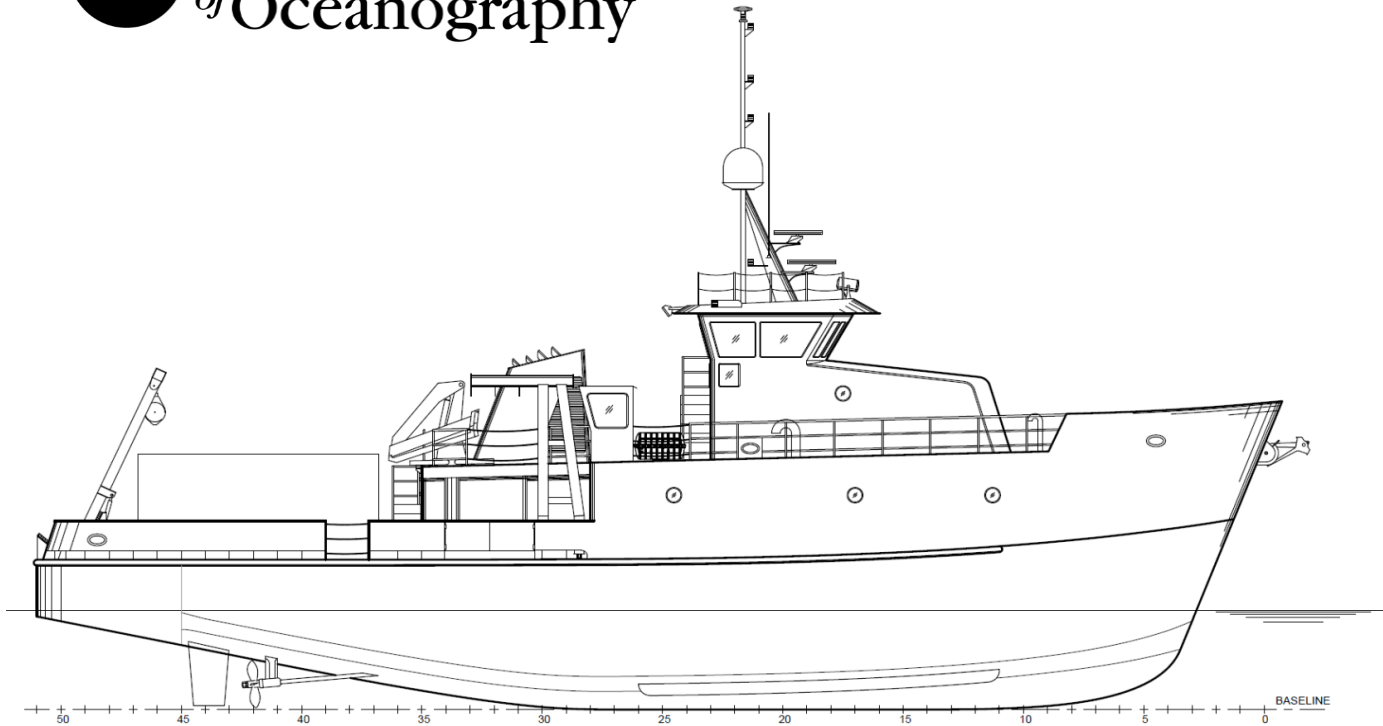


# R/V Savannah Mid-life Refit



The University of Georgia

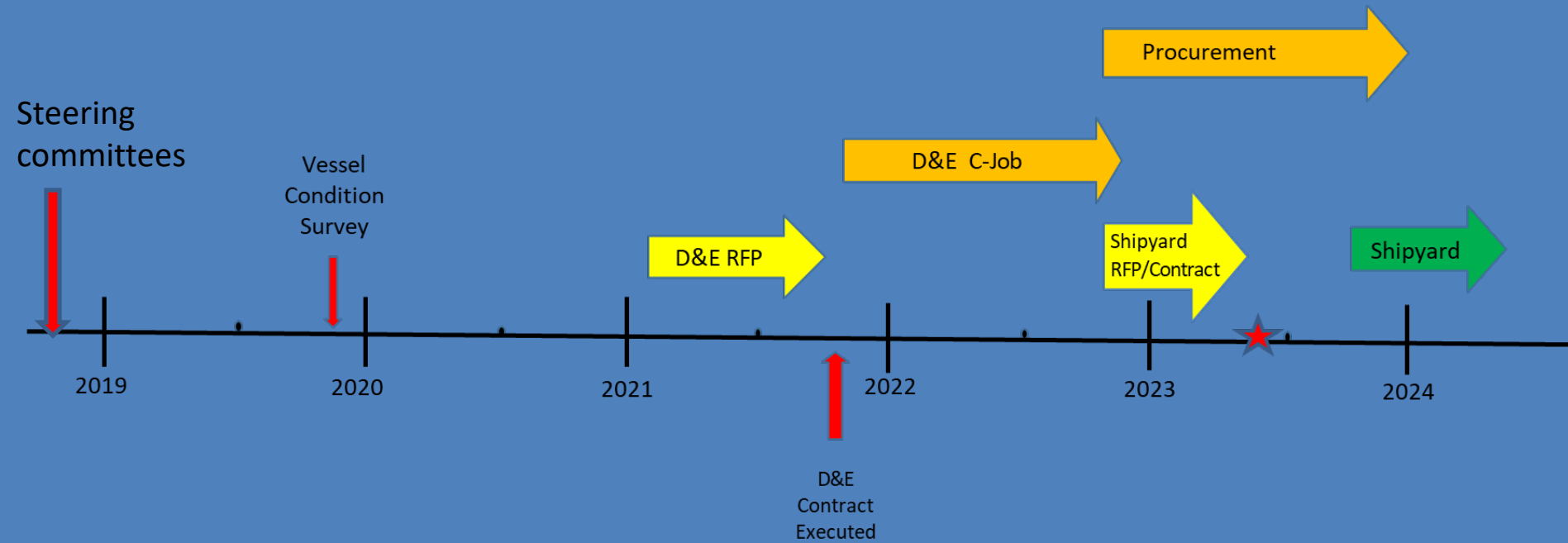
Skidaway Institute  
of Oceanography



**VIEW 1-5B**  
OUTBOARD PROFILE  
3/32"=1'-0"

May 2023

# Timeline



2 May 2023

# Updates

- Shipyard selected – total of 5 SY's at site visit, 3 bids
- Shipyard planned for October 2023 to April 2024
- SOW “Finalized”
- Long lead items ordered
  - ✓ Main engines - delivery in August
  - ✓ Generators – delivery in August
  - ✓ Transmissions/controls – delivery in December
  - ✓ Bow thruster – delivery by October

# Service Life Extension - Refit

- Resurface hull, decks, topsides, frames, bilges, tanks
- Replace main engines, transmissions, and controls
- Replace generators and switchboard
- Replace bow thruster – increase tunnel dia from 16” to 20”
- Sea chest modifications/repairs
- Replace MSD
- LED navigation lights
- Wheelhouse window replacement
- Door replacements

# Science/Operation Enhancements

- Main deck extension
- Increase A-frame vertical clearance
- Main deck ceiling and lighting upgrades
- Laboratory upgrades
  - New bench design
  - Dedicated Tech space
- Uniform deck socket pattern

# Mid-life Cost Estimates

<u>Description</u>	<u>Total</u>
Condition Survey	\$ 35,000
Architects - C-Job/Glosten	\$ 456,404
Shipyard Purchase Order	\$ 3,263,506
Owner Furnished Equipment	\$ 683,446
Additional Costs (ABS, travel, gauging, etc..)	\$ 701,400
Additional contingency	\$ 408,500
Total	\$ 5,548,256

Overall SY contingency of 30%

# Acknowledgements

- NSF – Rose Dufour
- University of Georgia
- State of Georgia –B-budget
- University System of Georgia



UNIVERSITY OF  
GEORGIA