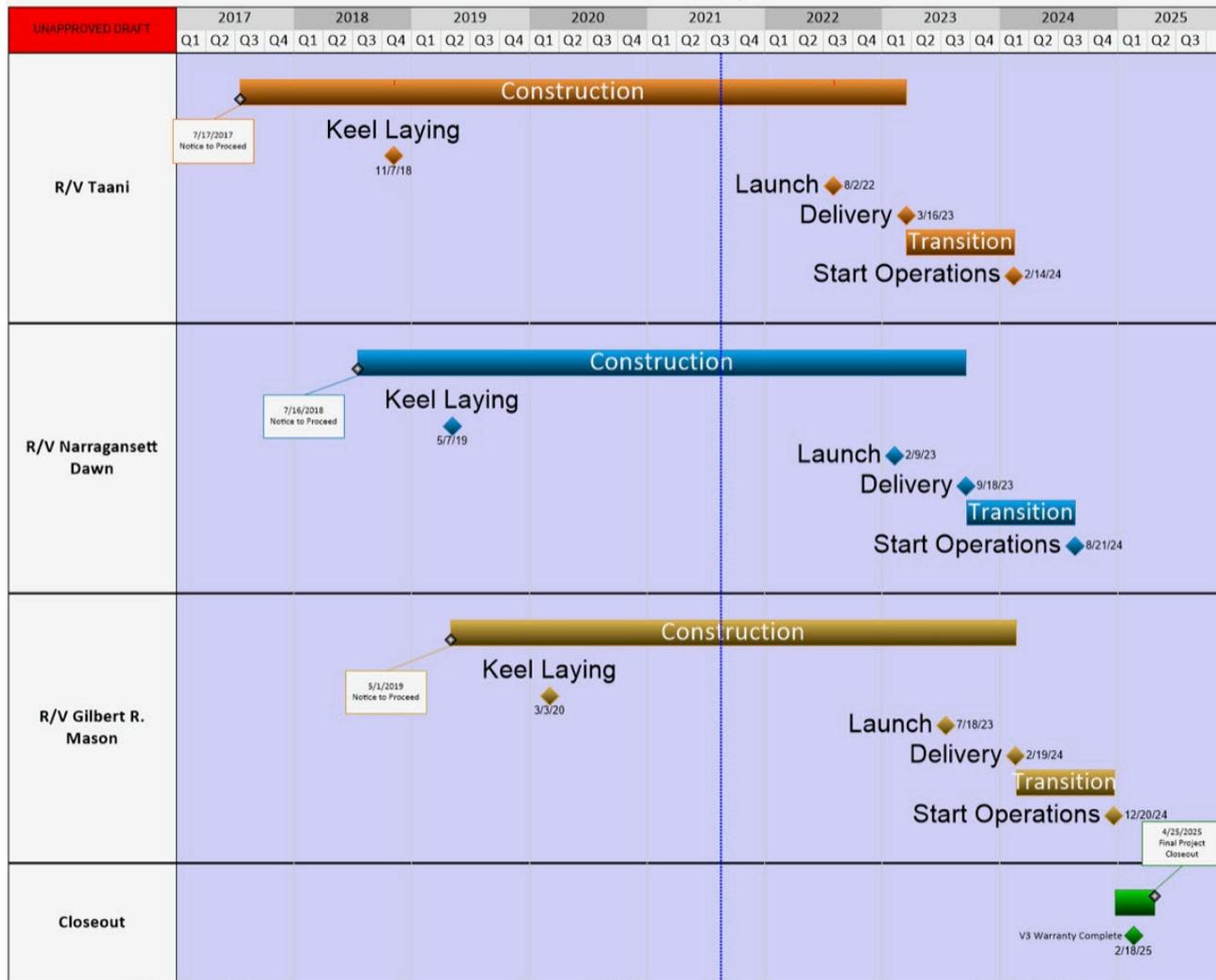


Regional Class Research Vessels

The Nation's Next Generation of
Research Ships for Coastal Science



RCRV Schedule Summary



R/V Taani
Delivery
03/16/2023

R/V Narragansett Dawn
Delivery
09/18/2023

R/V Gilbert R. Mason
Delivery
02/19/2024



Operating Institutions



R/V Taani



R/V Narragansett Dawn



R/V Gilbert R Mason



Challenges 2021

- Shipyard has New Ownership
 - **Bollinger Houma Shipyard**
 - Bollinger is the largest privately owned yard in the Country
 - Long history of successful projects for the USCG and USN



Challenges 2021

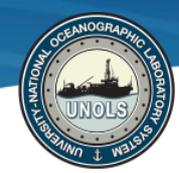
Hurricane Ida

August 29, 2021

Sustained 130 kt
Gusts 150 kt

Area
Infrastructure
Damage



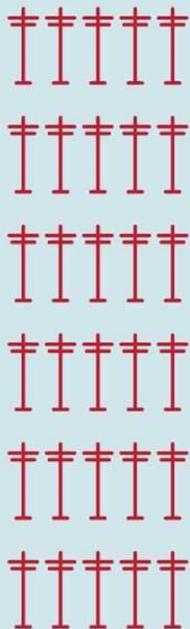


Hurricane Ida



Damaged Utility Pole Comparison: † = 1,000 Poles

IDA 2021
30,000+ poles



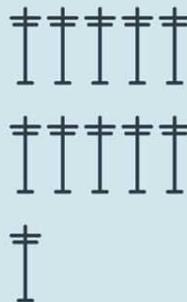
KATRINA 2005
17,000+ poles



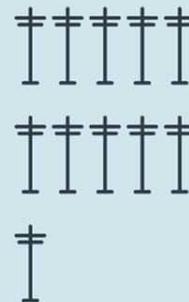
LAURA 2020
14,000+ poles



RITA 2005
11,000+ poles



GUSTAV 2008
11,000+ poles



ZETA 2020
2,000+ poles





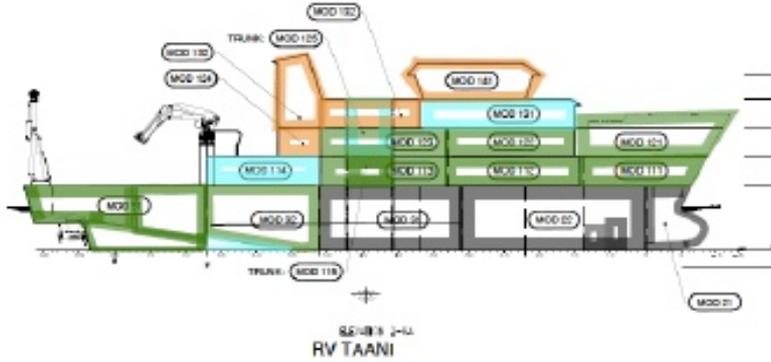
Challenges 2021



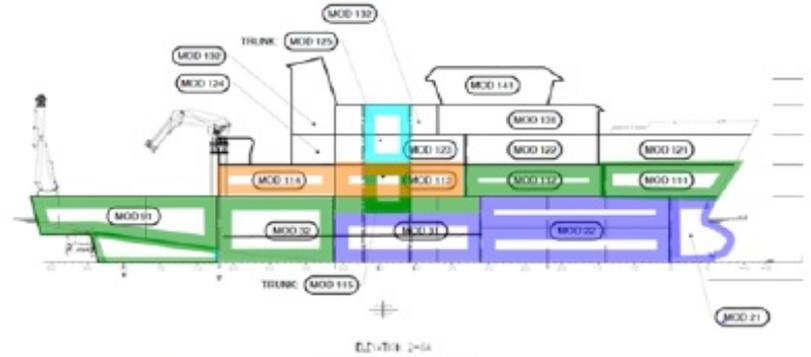
COVID-19



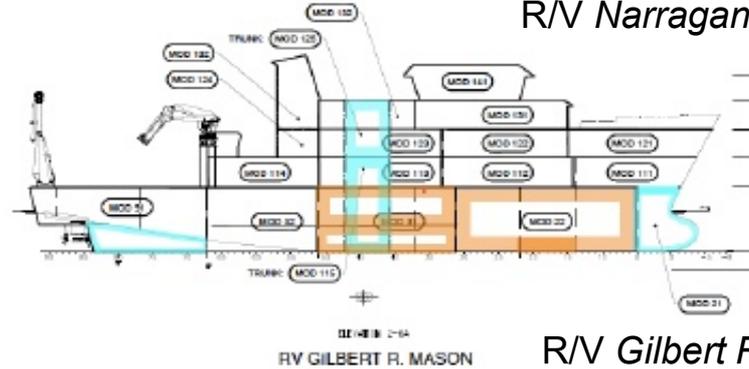
Vessel Progress



RV TAANI



RV Narragansett Dawn



RV Gilbert R. Mason

- 
Cut and Panels
- 
Module Construct
- 
Subassembly
Erection/Construct
- 
Blast & Paint
- 
Module Erection



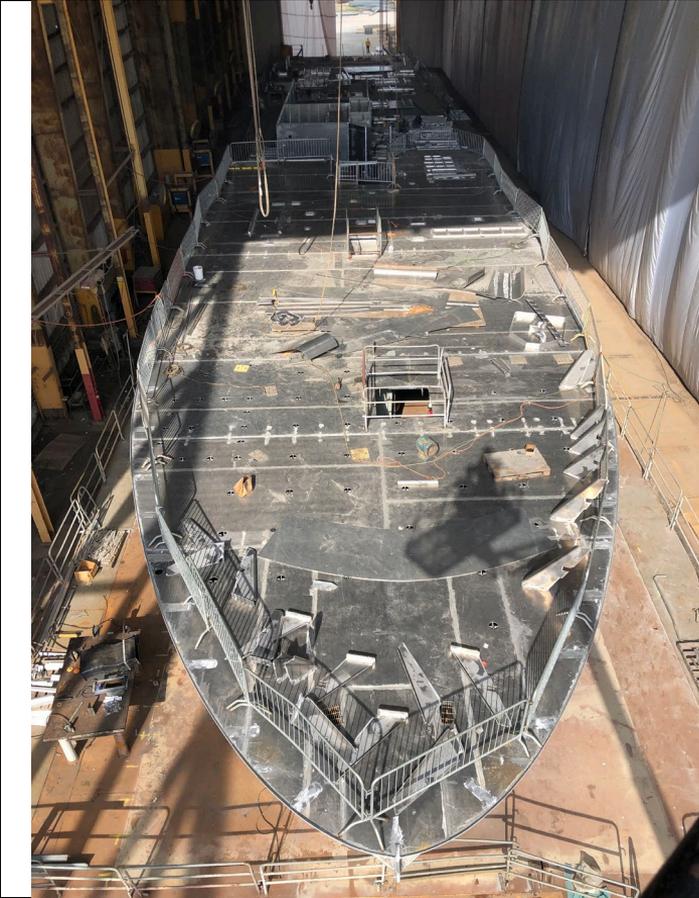
Bollinger Houma Shipyard

- Improved Storage
- Rapid upgrades to drainage and flood protection
- Community re-building projects
- Labor Force Support



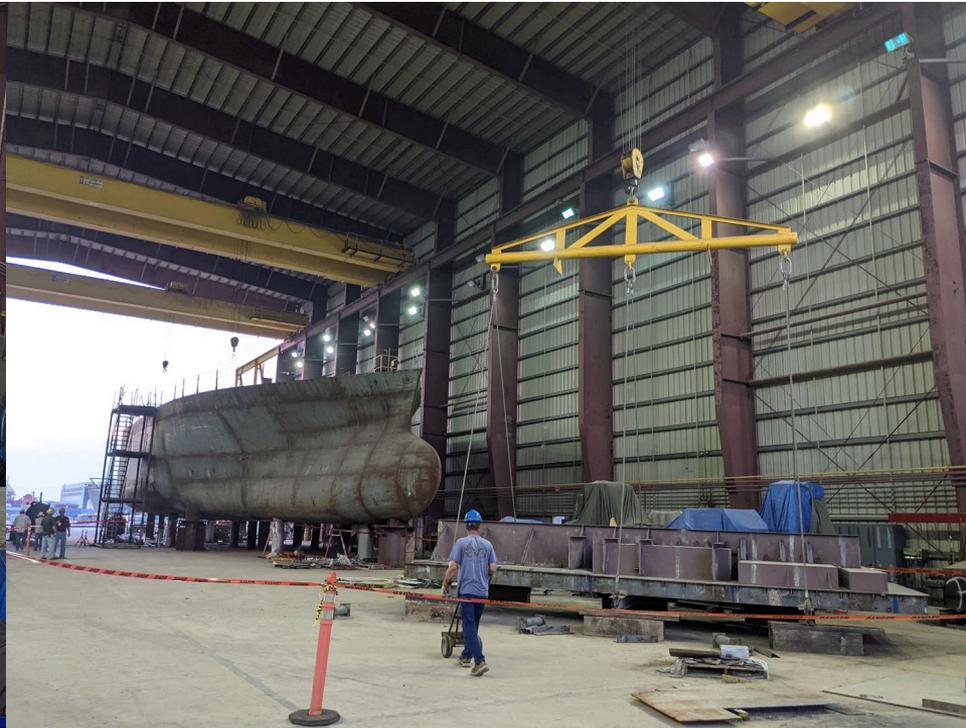
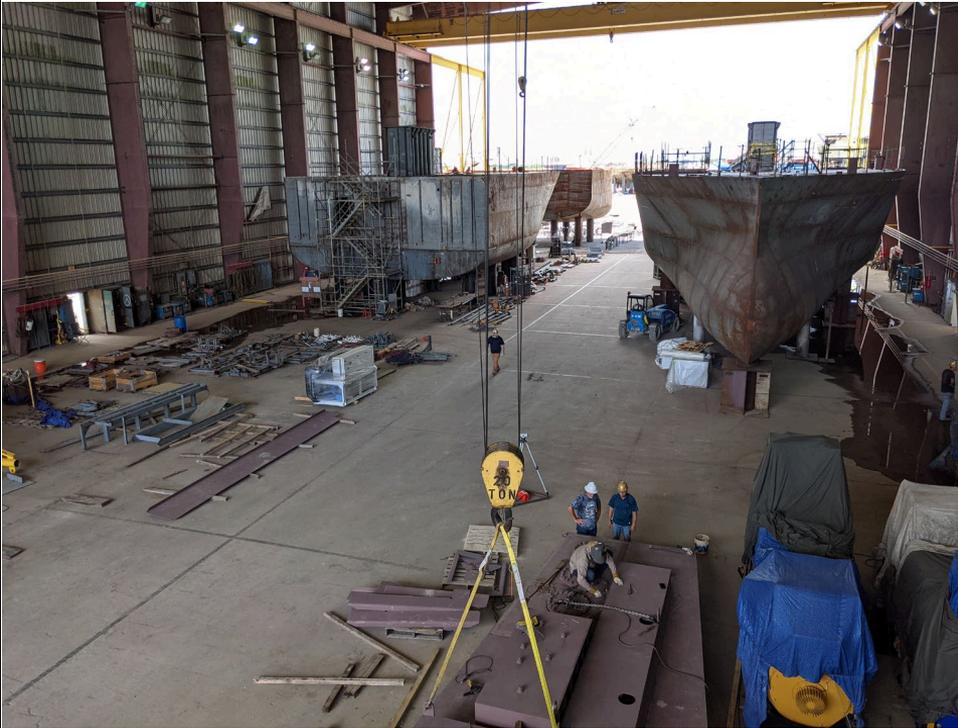


R/V TAANI Amelia Yard Aluminum Work





R/V TAANI Transducer Flat



Phase IV

- CORIOLIX
 - Development and integration with CI and Sensors
 - Support for all three current OIs
- Cyber and Sensor Infrastructure
 - All three vessels sensor procurement
 - Configuration and system testing
 - R/V TAANI full system bench test
- Larger RFP process
 - Accommodation Vans
 - Piston Coring Deployment and Recovery System
 - CMMS
- Collaboration with UNOLS/ARF working groups
 - R2R, MFP, ISC, CI/CS, Best Practices, etc.



