

UNOLS Summer Council Meeting NOAA update



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Office of Marine and Aviation Operations

NOAA – UNOLS Partnership

- Council, RVOC, FIC, and Ship Scheduling Meetings
- NOAA/UNOLS project ship time
- MRP Planning, COVID-19, Staffing Lessons Learned



FY22 – Work in Progress

People

- Wage Mariner Hiring Portal
- Initiatives to address continued staffing issues
- Covid-19 protocol changes to leverage vaccine/booster

Metal

- Class A – *Oceanographer* Steel cutting JUN, 2022. Operations in Late FY24
- Class B Requests for Proposal out
- *Ron Brown* Mid-life repair – awarded to Halter Marine

Mission

- 2650 DAS planned
- DAS lost to date due to Covid/staffing
- Budget shortfall challenges: fuel, maintenance, labor, Covid
- *Thomas Jefferson* in Lake Erie



NOAA Ship *Nancy Foster* conducting ROV dive operations on USS *Monitor* Wreck during the Valor in the Atlantic project with Global Foundation for Ocean Exploration



Ronald H. Brown Midlife Maintenance (MRP)

Leveraging MRP experiences from partners that operate sister ships

FY 2024 Contract Completion estimate (~15 months)

- Improving ability to reduce crewing footprint onboard
- Machinery control system enhancements
- Propulsion plant power management enhancements
- Reduced maintenance footprint -- increased supportability and reliability
- Improved ship to shore connectivity (Improvement VSAT services) with traffic shaping
- Improved sensors, sonars, connectivity, and data management
- Telepresence capable
- Scientific data transfer
- Extensive CCTV camera system to have remote observation
- Advanced regulatory reviews
- Improved Bridge Management Systems (communications, navigation, connectivity)

