UNOLS Annual Meeting Fall 2021



CDR Claire Surrey-Marsden, NOAA

NOAA Office of Marine and Aviation Operations, Marine Advisor Claire.Surrey-Marsden@noaa.gov

NOAA – UNOLS Partnership

- Council, RVOC, FIC, and Ship Scheduling Meetings
- Schedule optimization between UNOLS operators and NOAA PI's
- Projects on both NOAA and UNOLS vessels
- Collaborative Buoy Operations
- MRP Planning and Lessons Learned
- COVID-19 Lessons Learned





FY21 in Review - Highlights

People

- New Wage Mariner Hiring Portal
- OMAO Mentorship Program
- NOAA Corps Reauthorization Act, DEI&A Program Manager & study
- Increased competitive training opportunities 250% across OMAO

Metal

- Class A construction, Class B awarded
- Ship repair periods in Q4 FY21/Q1 FY22
- USM Roger F. Wicker Center for Ocean Enterprise Facility lease
- Ketchikan, Alaska port facility rebuild funded

Mission

- Sailed 2010 DAS
- 62 Projects completed
- Uncrewed Systems ship-based research projects

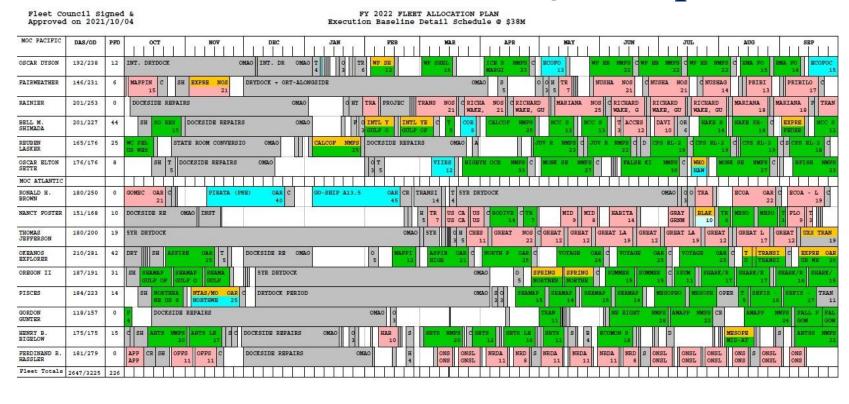
Challenges:

- 250 DAS lost Covid/staffing
- Staffing shortfalls
- Covid protocols and personnel
- Newport, RI and Charleston, SC homeport infrastructure updates





FY22 Fleet Allocation Plan – 2650 DAS planned



Line Office	PPD				DAS - Days At Sea; OD - Operating Day; PFD - Program Funded Day; I - Fleet Inspection
1000		Resilient Coastal Communities Climate Adaptation & Mitigation	Healthy Oceans		T - Transit; S - Sea Trial; TS - Transit & Sea Trial; U - Underway Training (e.g. BOTC)
NMFS	127	Sea Trials/Transits/Pleet Inspections/Maintenance Periods	Com Determine umm	Decrees Bonded Oaker Server	SD - Shakedown; ST - Staging; R - Ranging; G - Gear Trial; DSR - Dockside Repairs
NOS	6	sea illais/liansits/fleet inspections/maintenance relious	Sat Encerbitse: NOP	Frogram Funded Mental Million	MSR - Mid Season Repair; RO - Research to Operation; DD - Drydock; PT - Patch Test
1102		20107			

- Ronald H. Brown GOMECC-4, PIRATA Northeast Extension, GO-SHIP A13.5
- Thomas Jefferson Lake Erie Mapping
- Bell M. Shimada CORC and CCE Time-Series, International Year of the Salmon (IYS) project



Ronald H. Brown Midlife Maintenance (MRP)

- Leveraging MRP experiences from UNOLS partners that operate sister ships: *Thomas G. Thompson, Roger Revelle, Atlantis*
- As part of the FY22 President's Budget, NOAA requested an increase of \$63 million to support the single phase mid-life repair of NOAA ship *Ronald H. Brown*.
- MRP Notional Timeline:
 - FY 2021 Request For Proposals in review
 - FY 2022 Contract Award
 - FY 2024 Contract Completion

NOAA Fleet Recapitalization and Sustainment

N/V Class A (NAV AGOR Variant) (Oceanographer and Discoverer)

- Primary Mission: Oceanographic Monitoring, Research & Modeling
- Secondary Mission: Assessment and Management of Living Marine Resources (no trawl), Charting and Surveying
- Navy Assisted Acquisition

N/V Class B

- Primary Mission: Charting and Surveying
- Secondary Mission: Assessment and Management of Living Marine Resources (no trawl), Oceanographic Monitoring, Research & Modeling
- NOAA led acquisition; Navy assist through IAA (design/engineering, technical, program and cost estimation support)





Oceanographer & Discoverer



Oceanographer	Discoverer
Homeport – Honolulu, HI	Homeport - Newport, RI
Keel Laying - Jan/Feb 2022	Keel Laying – June 2022
Delivery - January 2024	Delivery – June 2024
Fully Operational – January 2025	Fully Operation - May/Jul 2025
	a de la companya de

