

UNOLS Annual Meeting

Fall 2021



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Office of Marine and Aviation Operations

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

Fleet Council Signed & Approved on 2021/10/04

FY 2022 FLEET ALLOCATION PLAN
Execution Baseline Detail Schedule @ \$38M

MOC PACIFIC	DAS/OD	PPD	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
OSCAR DYSON	192/238	12	INT. DRYDOCK		OMAO	INT. DR	OMAO							
FAIRWEATHER	146/231	6	MAPPIN	C	SH	EXPRE	NOS							
RAINIER	201/253	0	DOCKSIDE REPAIRS		OMAO									
BELL M. SHIMADA	201/227	44	SH	SO RES	DOCKSIDE REPAIRS	OMAO								
REUBEN LASKER	165/176	25	MC PSL	US WBS	STATE ROOM CONVERSIO	OMAO								
OSCAR ELTON SETTE	176/176	8	SH	T	DOCKSIDE REPAIRS	OMAO								
MOC ATLANTIC														
RONALD H. BROWN	180/250	0	GOMECC	OAR	C									
NANCY POSTER	151/168	10	DOCKSIDE RE	OMAO	INST									
THOMAS JEFFERSON	180/200	19	SYR DRYDOCK		OMAO									
OKEANOS EXPLORER	210/281	42	DRY	SH	ASPIRE	OAR	T							
OREGON II	187/191	31	SH	SEMAP	GULF OP	SEMAP	GULF							
PISCES	184/223	14	SH	NORTHEA	NE US	NTAS/MO	OAR							
GORDON GUNTHER	118/157	0	DOCKSIDE REPAIRS		OMAO									
HENRY B. BIGELOW	175/175	15	C	SH	ARTS	NMFS	ARTS	LE						
FERDINAND R. HASSLER	181/279	0	APP	CR	SH	OPPS	OPPS							
Fleet Totals	2647/3225	226												

Line Office PPD Resilient Coastal Communities Climate Adaptation & Mitigation Healthy Oceans Weather Ready Nation
 NMFS 127 Sea Trials/Transits/Fleet Inspections/Maintenance Periods S&T Enterprise: HUE Program Funded State Agency
 NOS 6

DAS - Days At Sea; OD - Operating Day; PPD - Program Funded Day; I - Fleet Inspection
 T - Transit; S - Sea Trial; TS - Transit & Sea Trial; U - Underway Training (e.g. BOTC)
 SD - Shakedown; ST - Staging; R - Ranging; G - Gear Trial; DSR - Dockside Repairs
 MSR - Mid Season Repair; RO - Research to Operation; DD - Drydock; FT - Patch Test

- 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



<i>Oceanographer</i>	<i>Discoverer</i>
Homeport – Honolulu, HI Keel Laying – Jan/Feb 2022 Delivery – January 2024 Fully Operational – January 2025	Homeport – Newport, RI Keel Laying – June 2022 Delivery – June 2024 Fully Operation – May/Jul 2025
	

