

Office of Marine & Aviation Operations (OMAO)



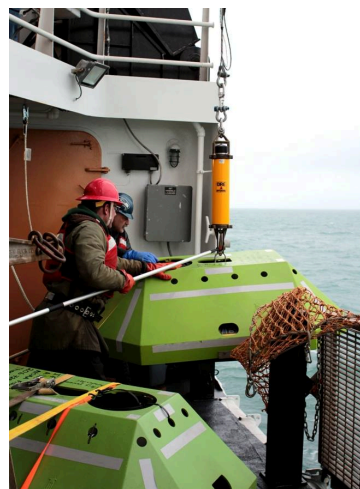
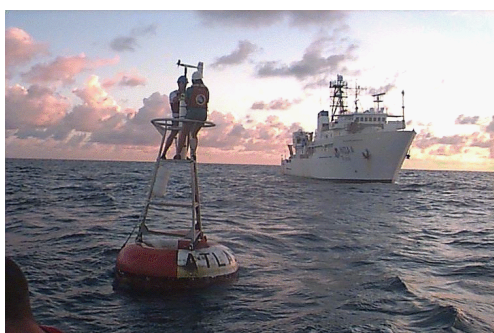
LCDR Tracy Miller

Office of Marine and Aviation
Operations, NOAA



Agenda

- NOAA – UNOLS Partnership
- NOAA FY15 Ship Fleet Activities
- NOAA FY16 Fleet Allocation Plan
- NOAA funded days on UNOLS vessels
- What lies ahead





NOAA – UNOLS Partnership

RVOC and RVTEC Meetings

UNOLS Operators working with NOAA PI's to best schedule NOAA projects

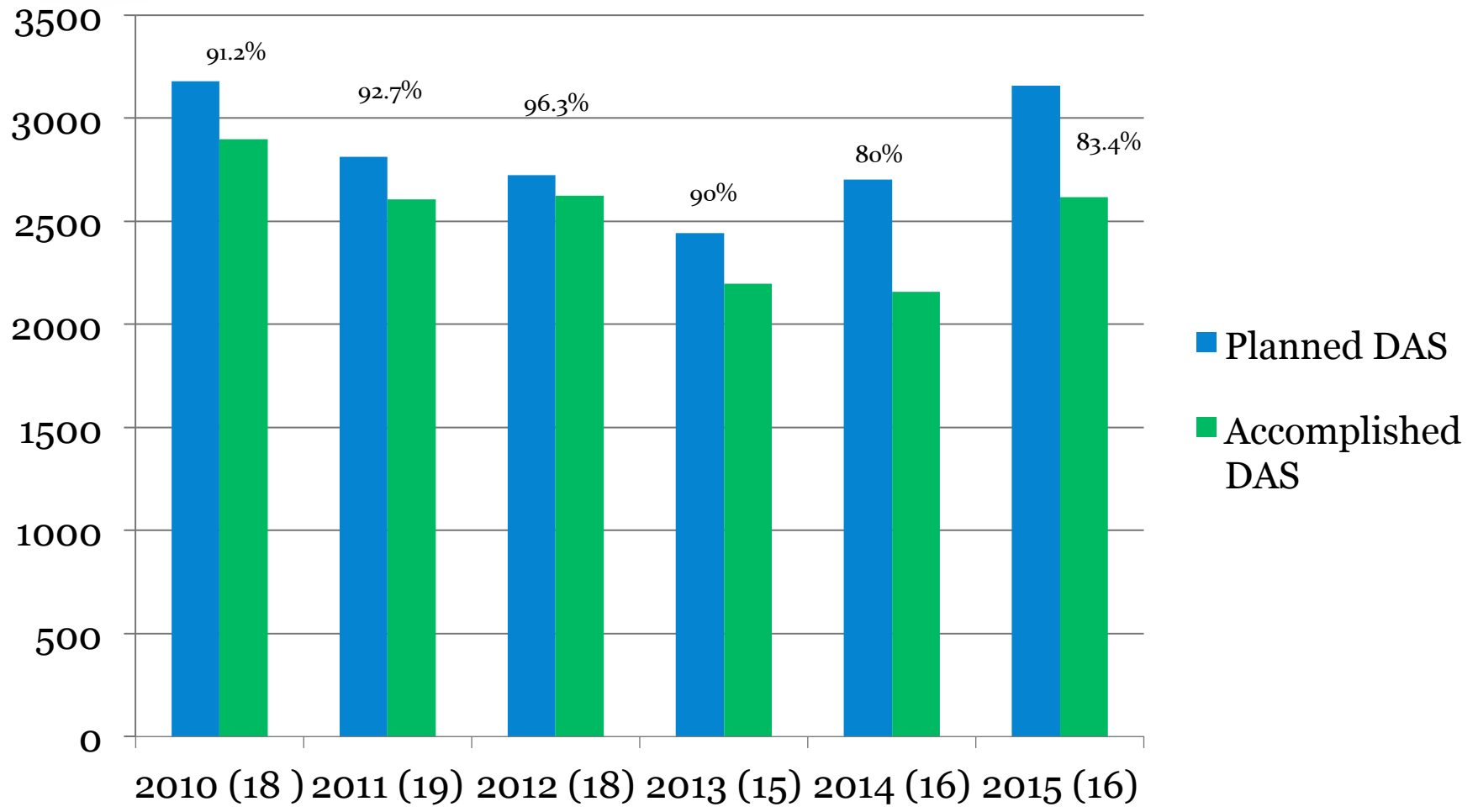
UNOLS Ships utilize NOAA Piers

NOAA- NSF ship time barter agreement

Access to NOAA scheduling system



NOAA Ships - Days at Sea





NOAA Fleet Highlights FY15

OMAO budget to support NOAA requirements remains stable

Newest FSV *Reuben Lasker* operational

Maintenance and repair awards

Maturity of Safety Management System

Marine staffing initiatives

Prevention of Sexual Harassment Training



NOAA Fleet Challenges

Timely completion of shipyard repairs

Balancing maintenance and mission schedule re

Downtime due to major machinery repairs

VSAT reliability





FY 2016 President's Budget FAP

FY 2016 Fleet Schedule Version: OMAO Scheduler's FINAL FY2016 President's Budget Fleet Allocation Plan Type: Primary Version Schedule Level: OMAO

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep							
- MOC PACIFIC																			
OSCAR DYSON 223/249	3 E of Oct	8 Tra to	3 Dockside Repairs		Shakedown and Staging	3 T	13 T	14 T	11 Walleye Pollock	1 Fi In	7 Walleye Pollock	16 Walleye Pollock	2 U Fi	28 Ice-associated seal ecology	N 12 EcoFOC spring	N 23 EMA-FOCI Larval Groundfish	N 30 Walleye Pollock EBS Summer Survey	N 28 EMA-FOCI age-0 groundfish and salmon recruitment	N 7 Eco fail
FAIRWEATHER 168/275	N 38 SE Alaska - Fall 2015		3 Dockside Repairs			NHPOD		NHPOD	NHPOD	3 T	40 SE Alaska - Spring #1	41 Kodiak, AK - Spring #1FA	N 20 Integrated Seafloor	MSR	23 Kodiak, AK - Spring #1FA				
RAINIER 181/214	27 Kodiak, AK - Fall			3 Drydock Period			4 Shakedown and Staging	34 Olympic Coast, Integrated Ocean and Coastal Mapping Project	N 11 Kodiak, AK - Spring #2	N Fi In	25 Kodiak, AK - Spring #2	N 77 Arctic Survey #2							
BELL M SHIMADA 226/254	3 T	7 North Cal	Dockside Repair		Shakedown and Staging	1 30 Pacific Hake Fi Spawning Biomass Acoustic Survey	N 8 No Critical Habitat	21 SRKW Critical Habitat	6 201 We	28 Spring CalCOFI	N 12 Patterns in	N 5 Ca	N 12 Sanctuary Ecosystem	Mid Season Recruit	15 2016	80 Joint Pacific Hake and Sardine Integrated Acoustic-Trawl Survey			
REUBEN LASKER 216/232	37 West Coast Marine Mammal Survey (Part 2)			25 Winter CalCOFI		UWILD/Dockside	1 30 Spring Coastal Pelagic Species (CPS) Survey	N 45 Juvenile Rockfish Survey	30 Summer Coastal Pelagic Species (CPS) Survey			46 ESA-Listed Cetacean Survey (Part 1)							
HI'IALAKAI 156/156	1 Fi In	13 MHI Bottomfish	14 FY16 Marine		Dockside Period		Shake 1 St T		21 Hawaiian Monk Seal Population	25 FY16 Northwest Hawaiian	9 WHOI WHOI	72 Hawaiian Archipelago Reef Assessment and Monitoring Program (HARAMP)							
OSCAR ELTON SETTE 204/218	Fi In	12 Transit to	Drydock Period		12 Transit to	5 Sh Tr	10 Transit to	N 30 FRMD Life History Program: American Samoa	NH 25 PIFSC American Samoa Insular	N 10 Transit	Mid Serv Repa	Integrated Ecosystem	30 Hawaiian Islands Cetacean Ecosystem	30 Hawaiian Islands Cetacean Ecosystem	22 Hawaiian Monk Seal Population				
- MOC ATLANTIC																			
RONALD H. BROWN 187/254	Dockside Repairs	2 Shakedown and Staging	38 Tropical Atmosphere-Ocean (TAO) Buoy O&M Primary Request	NHPOD	3 N 30 Kingman Palmyra ECS Mapping	NH 32 Tropical Atmosphere-Ocean (TAO) Buoy O&M	NHPOD	27 Collaborative Research: Gintiroon	NHPOD	34 2016 West Coast Ocean Acidification Survey	NH Fi In	17 Papa Global Site of the	N 4 T to	Drydock					
NANCY FOSTER 188/214	20 Mapping Essential Fish Habitat in the		Mid Season Repair	13 WIRS Ocean	Fi In	3 Drydock Period	Si 4 T to	27 Mapping Essential Fish Habitat in the US	N 25 Climate Impacts on Larval Atlantic Bluefin	N 28 Coral Reef Ecosystem Research		10 South Region	15 Hypoxia Monitoring	N 16 Florida Keys National	27 Mapping seafloor habitats on the SE US				
THOMAS JEFFERSON 151/165	44 Savannah, GA		11 Approac to			2 Drydock/Prog Maint/Install EM710				2 T to	2 Si Si So	12 Habitat Mapping	12 Approac to	1 Fi In	60 Approaches to Jacksonville, FL				
OKEANOS EXPLORER 197/273	N 12 Transit to	Drydock/Progressive Maintenance		13 Transit &	N 12 CAPSTONE 2016: Preliminary	NH 23 CAPSTONE 2016: Commonwealth of Northern Mariana Islands (CNMI) and Mariana Trench Marine National Monument (MTMNM) ROV and Mapping	NHPOD	22 Campaign to Address the Pacific	NH 24 Campaign to Address the Pacific	22 CAPSTONE 2016:	NHPOD	1 Fi In							
OREGON II 170/174	41 SEAMAP Fall Shrimp/Bottomfish Survey			Dockside Repairs		Shakedown and Staging	Fi In	30 SEAMAP Southeast Area Monitoring and	38 SEAMAP Summer Shrimp/Bottomfish Survey	Mt	60 SEFSC Shark/Red Snapper Bottom Longline Survey								
PISCES 196/234	44 Caribbean Reef Fish Video Survey		4 Bt	Dockside Repairs		Shakedown and Staging	30 Gulf SEAMAP Reef Fish Video	N 18 South Atlantic Bight	Fi In	32 SouthEast Fishery-Independent Survey (SEFIS) formerly South	11 Places Bottom	Mid Season Repair	17 Distribution Ecology	NH 10 Benthic Habits					
GORDON GUNTER 230/259	25 Ecosystem Monitoring (EcoMon)	3 Drydock Period		4 Shakedown and Staging	30 SEAMAP Southeast Area Monitoring and	Fi In	10 Spring Cetace	N 44 N. Atlantic right whale biology	N 28 Cetacean and turtle biology	N 55 Southeast U.S. Atlantic Marine Mammal & Seabird Assessment	30 SEAMAP Southeast Area Monitoring and								
HENRY B. BIGELOW 224/262	32 NEFSC Bottom Trawl Survey Autumn - October/November	1 10 Gulf of	4 T to	Drydock/Progressive Maint		11 Shakedown and Staging	N 3 G T	59 NEFSC Bottom Trawl Survey Spring	N 17 Ecosystem Monitoring	Mid Season Repair	60 Summer Cetacean and Turtle Abundance	N 3 N 23 NEFSC G Autumn Bottom Trawl Survey -							
FERDINAND R. HASSLER 142/205	NHPOD	3 Dockside Repair		4 T to	Shakedown		50 Approaches to Chesapeake Bay, VA	NH 3 Drydock Period		4 T to	77 Approaches to Wilmington, NC								



Fleet Allocation Plan FY16

3,059 Days at Sea/ 3,658 Operating Days

Ronald H. Brown- 2 NSF science cruises and 2 cruises to service TAO array

Okeanos Explorer- Central and Western Pacific Exploration

Rainier- Arctic survey

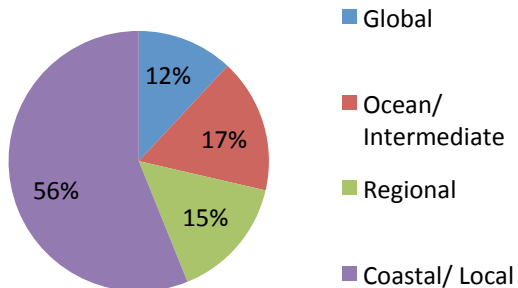
NOAA Fisheries (stock assessments and protected species) surveys-
1,663DAS

Charter funds: OMAO funding \$4.7M to meet OAR mission requirements and \$1.3M to meet NWS/TAO mission requirements

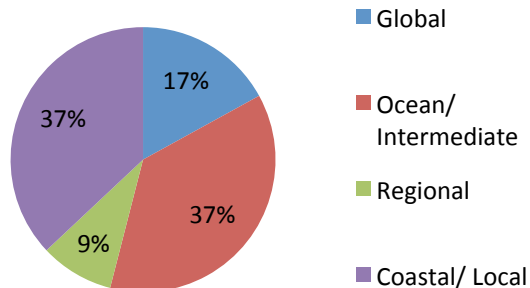


UNOLS – NOAA Funded Operational Days

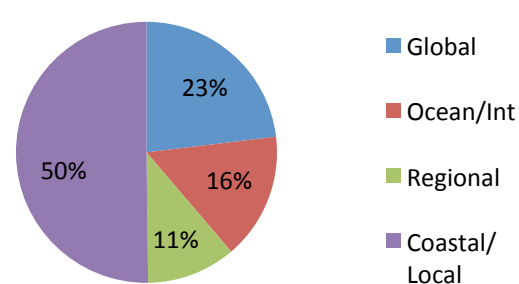
**CY2014 NOAA Funded
343 op days**



**CY2015 NOAA Funded
423 op days**



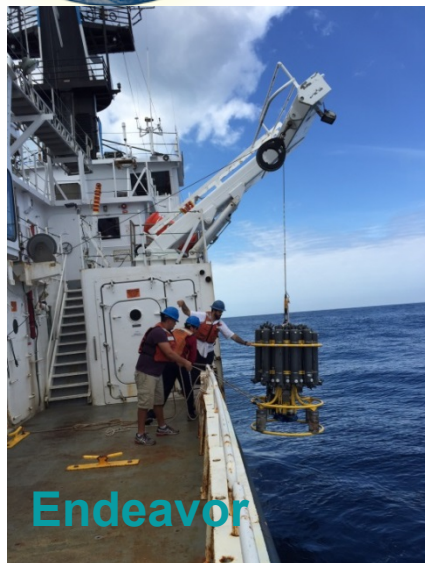
**CY 2016 NOAA
Planned 339 days**



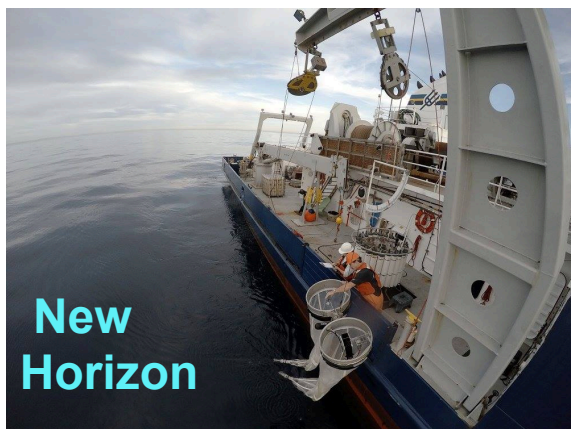
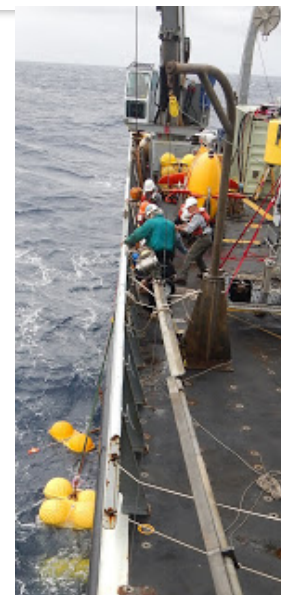


NOAA Funded Projects

Thompson



Endeavor



New
Horizon



Hugh R. Sharp



Walton Smith



What lies ahead

Execution, Reliability, Availability

Mariner staffing initiatives continue

Importance of Partnerships

Fleet Composition Plan 2012-2027

- FY2016 Presidents Budget- Construction of first NOAA OSV



Questions?

- LCDR Tracy Miller is our NOAA/UNOLS POC: 301-713-7661

