

NOAA/OMAO Operations



**UNOLS Council Meeting
Tuesday October 21, 2014
Commander Catherine A. Martin
Office of Marine and Aviation Operations**



Office of Marine and Aviation Operations

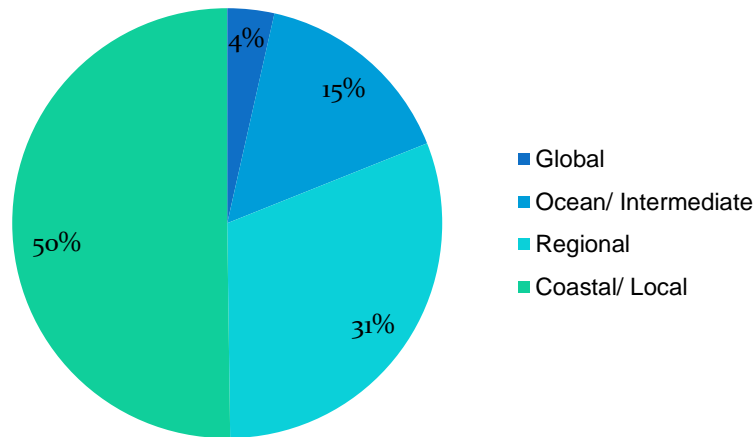
Agenda

- NOAA – UNOLS Partnership
- NOAA FY14 Fleet Highlights
- Current Challenges
- NOAA FY15 Fleet Allocation Plan
- Future Initiatives

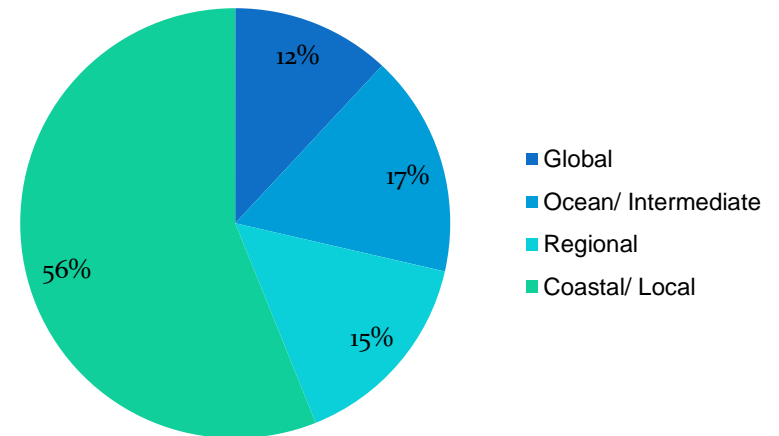


UNOLS- NOAA Funded Days

CY 2013: 227 Days



CY 2014: 345 Days

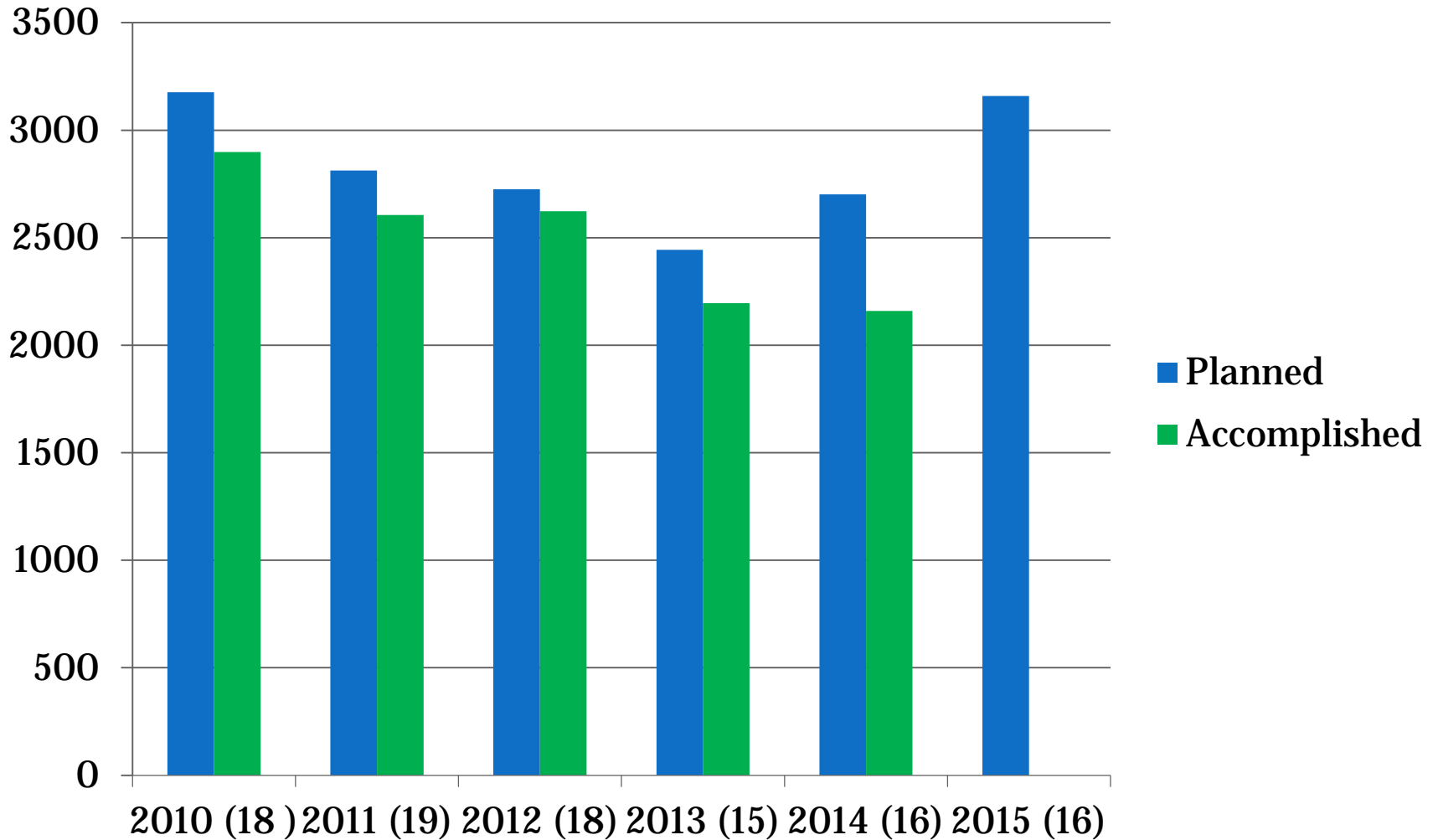


NOAA – UNOLS Partnership

- Wire/Winch/ Van Pool
- NOAA Engineer (RL - CME) sailing on UNOLS vessel for licensing requirements
- UNOLS Ships utilizing NOAA Piers
- INMARTECH - November 2014
- Collaborative projects



NOAA Ships - Days at Sea



NOAA Fleet Highlights

- OMAO budget to support NOAA requirements remains stable despite fiscal challenges
- Maturity of Safety Management System
- NOAA/USCG Fleet Plan signed
- NOAA Prioritization, Allocation and Scheduling System (PASS) becoming an effective maritime scheduling asset
 - Incorporate aircraft assets into PASS FY15
- Upgrades to mission equipment
 - EM710 multi beam system
 - Hypack Software for FSVs
- Greening the fleet
- *Ronald H. Brown* serviced the Tropical Atmosphere Ocean (TAO) array
 - Returned to 85% operational capability and predicted to be near 100% by end of 2014
- Annual ECO and survey tech training continues



Current Challenges

- Wage Mariner Staffing - Retaining qualified engineers remains problematic
 - Exit surveys reveal engineers want more time off
 - ABC and Blue/Gold pilot programs
- Downtime due to major machinery repairs - Progressive Maintenance Plan
- FSV *Reuben Lasker* harmonics issue - delayed operations



FY 2015 President's Budget FAP

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
- MOC PACIFIC																					
OSCAR DYSON 207/223	BA 5 1 9	T	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING	SD/ST	TS 7	R 5 N 3 T 3	FOLLOCK 19	I	FOLLOCK 15	MSR	FOCI 12	F 2 N CARVAL NMFS GOA 25	SUMMER WALLEYE POLLOCK NMFS GULF OF ALASKA 80	EMA FOCI NMFS BERING 28	N FOCI 10						
FAIRWEATHER 181/252	DRYDOCK - STARTED FY2014 OMAO ISM/STCW TRAINING				TS 5 S 4	NHPOD OMAO	T 3	I	COASTAL SURVEY NOS SE ALASKA 43		N C SURVEY NOS S AK PEN 29	N	COASTAL SURVEY NOS POINT BARROW/PORT CLARENCE 81	N OAS 18	NHPO	CS-SAP 17					
RAINIER 192/237	SURVEY 15	N C SURVEY NOS SAN JUAN IS 30		DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING		SD/ST	I	SURVEY NOS CHATHAM 29		N SURVEY NOS SHUMAGIN 29	N	COASTAL SURVEY NOS KOTZEBUE SOUND, AK 59	N SURVEY NOS PAVLOF 29		NHPOD						
BELL M SHIMADA 191/212	T DRYDOCK PERIOD OMAO ISM/STCW TRAINING			T 4	SD/ST	I	N C D 10	GRKWNMFS WA 21	DSC&S 13	N	CPS SURVEY NMFS WEST COAST 34	NH DS 10	MSR FSA 15	JOINT PACIFIC HAKE & SARDINE NMFS WEST COAST OF US AND CANADA 50							
REUBEN LASKER 206/222	MARINE MAMMAL (PART 2) NMFS WEST COAST 80				DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING		SD/ST	S 1	CALCOF NMFS WC 25	N	JUVENILE ROCKFISH NMFS WEST COAST EEZ 46		CPS SURVEY NMFS WEST COAST 30	MSR	MAMMAL (PART 1) NMFS WEST COAST 45						
HITALAKAI 180/194	I	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING			SD/ST	S 1	RAMP NOS AMERICAN SAMOA 34	OA OAR 14	RAMP NOS AMERICAN SAMOA 40		HMS NMFS NWHI 21		WHO 9	RAMP NOS NWHI 31		BIOGEO NOS NWHI 30					
OSCAR ELTON SETTE 199/208	N DEBRIS NMFS NWHI 27	I	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING			SD/ST	G 5	BFISM 15	FISH O 15	MS	T & CETACEANS NMFS MARIANAS 45	N	FISH O&T NMFS W PACIFIC 30	LHS NMFS C PAC 24	BTMFS 15	HMS NMFS NWHI 22					
- MOC ATLANTIC																					
RONALD H. BROWN 239/345	NH TAO NWS TROP PAC 27	N TAO NWS T PAC 20	NH	MSR OMAO	NHPOD OMAO	CALWATER OAR PACIFIC 31	NH	I	N TAO-ARRAY NWS TROPICAL PAC 38	NHPO	P18N CLIVAR/CO2 REPEAT HYDRO OAR NORTH PACIFIC OCEAN 88		NHPOD	OA OAR GOA 20	N FOCI 16	BA&SR 13	T 7	NH	DSR OMAO ISM		
NANCY FOSTER 178/201		VIIR 10	I		T DRYDOCK/DOCKSIDE OMAO ISM/STCW TRAINING		T 3	SD/ST	EFHMA NOS USVI 18	N CRER OAR USVI 22	NBF TUNA NMFS NGOM 25	NED 8	FKNMS 16	EFH-MAP 17	N SREA 10	EPA 10	EPA 10	N EPA 10	EFH-MAP 17		
THOMAS JEFFERSON 185/217	CS NOS BUZ 22	T DRYDOCK OMAO TD INSTAL	T 3	DOCKSIDE REPAIR/PROGRESSIVE MAINT OMAO ISM/STCW	T 4	S 4	COASTAL SURVEY NOS PENOBSCOT BAY 42		N NE HA 12		COASTAL SURVEY NOS APPROACH TO CHARLESTON 53	N I	N COASTAL SURVEY NOS JACKSONVILLE, FL 45								
OKEANOS EXPLORER 198/283	SM 7	HAB 9	T NHPO OMAO	MSR OMAO		NH I	NT 4	PT 4	EXPLORE-MAPPING/ROV OAR CARIBBEAN 83		N TROP EXPL OAR GOM/PACIF 27	PI 5	NH XP 7	NHPO OMAO	EXPLORE-CAPSTONE OAR NWHI 45	NH	CAPS NMFS NWHI 20	C 3			
OREGON II 207/211	SM FALL SHRIMP NMFS GULF OF MEXICO 41		T 3	DOCKSIDE PERIOD OMAO ISM/STCW TRAINING - PROG MAINTENANCE	T 4	SD/ST	PELAGIC L NMFS GOM 30	I	PLANKTON NMFS NGOM 30		SM SUM SHRIMP NMFS GULF OF MEX 38		SHARK/RED SNAPPER NMFS S ATL BIGHT & GULF OF MEX 80								
PISCES 199/226	N DW BIO NMFS NW ATL 25	N ECOMON 18	NHPOD	T&B 8	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING		SD/ST	S 1	SM RF VIDEO NMFS GULF OF MEXICO 40	I	RF NMFS GOM 20	N MPA 14	N SEFIS NMFS S ATL BIGHT 34	MSR	FALL PLANKTO NMFS GULF OF MEX 38						
GORDON GUNTER 217/247	SMALL PELAGICS NMFS GULF OF MEXICO 41		T 3	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING	T 4	SD/ST	N PLANKTON NMFS GULF OF MEX 33	I	RW&T NMFS MAINE 28	NHR	O&T NMFS MAINE 20	OCEAN ACID OAR EAST COAST 34	NHPOD	MARINE MAMMAL NMFS GULF OF MEXICO 55							
HENRY B. BIGELOW 199/291	AUTUMN BTM TRAW NMFS NORTH ATLANTIC 39	N 1	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING		SD/ST	N ECOMO 12	NHPO	SPRING BOTTOM TRAWL NMFS NORTH ATLANTIC 80		NB 4	N SMFIS 11	NHPO	NERA 10	N ECOMO 11	NHPOD	DC 12	NH	MSR	N BH 11	NHP	BTM TRAW NMFS N ATL 27
FERDINAND R. HASSLER 181/203	COASTAL SURVEY NOS CHESAPEAKE BAY 40					COASTAL SURVEY NOS GULF OF MAINE 35	DOCKSIDE REPAIRS OMAO ISM/STCW TRAINING		SD/ST	H 4	AB 1	COASTAL SURVEY NOS RHODE ISLAND SND 47	MSR	COASTAL SURVEY NOS CHESAPEAKE BAY 54							



FY2015 Fleet Allocation Plan

- 3,159 Days at Sea/ 3,772 Operating Days
- *Okeanos Explorer* - Deploying to the Pacific May 2015, Central and Western Pacific Exploration
- *Ronald H. Brown* - P16N CLIVAR and 3 separate cruises to service TAO
- *Fairweather* - Hydrographic survey of the Arctic from Point Barrow to Port Clarence, AK
- NOAA Fisheries (stock assessments and protected species) surveys - 1,568 DAS
- Efforts to increase utilization on *Nancy Foster*
 - Scheduled 30 DAS for EPA Ocean Dumping Site Surveys in FL, GA, VA and NY
- Charters - OMAO funding \$3.6M to meet OAR mission requirements and \$1.5M to meet NWS/TAO mission requirements



Future Initiatives

- Fleet Composition Plan 2012-2027 under review
- IAA with NAVSEA to support design of NOAA OSV (AGOR)
- Fleet Information System
 - June 2014 RFI - 9 detailed responses
 - Met with 12 IT organizations (2 NOAA, 3 maritime organizations, 7 other)
 - COTS products likely to provide the lowest risk/best value
 - Next Steps - validate requirements and consensus KPI's
- Collaborative Partnership with MSC for Licensed Engineers
- Importance of Partnership increases with declining resources
- 100% utilization of fleet (average 235 DAS) by FY17



Questions?

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