

NOAA
FY19 Accomplishments and FY20 Initiatives
UNOLS Annual Meeting
03/11/20



LCDR Claire Surrey-Marsden, NOAA

Office of Marine and Aviation Operations

Marine Advisor



Office of Marine and Aviation Operations

Agenda

- NOAA – UNOLS Partnership
- NOAA FY19 Ship Fleet Activities
- NOAA FY20 Fleet Initiatives and Scheduling
- NOAA funded days on UNOLS vessels
- Fleet Recapitalization Status



MMTD/SWFSC PERMIT # 14097 BERNARD ALPS/PHOTOCETUS

NOAA's Office of Marine & Aviation Operations (OMAO)

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
- UNOLS ships utilizing NOAA piers
- UNOLS projects on NOAA ships
- Collaborative Buoy Operations
- MRP Planning and Lessons Learned



CY 2019 Field Season



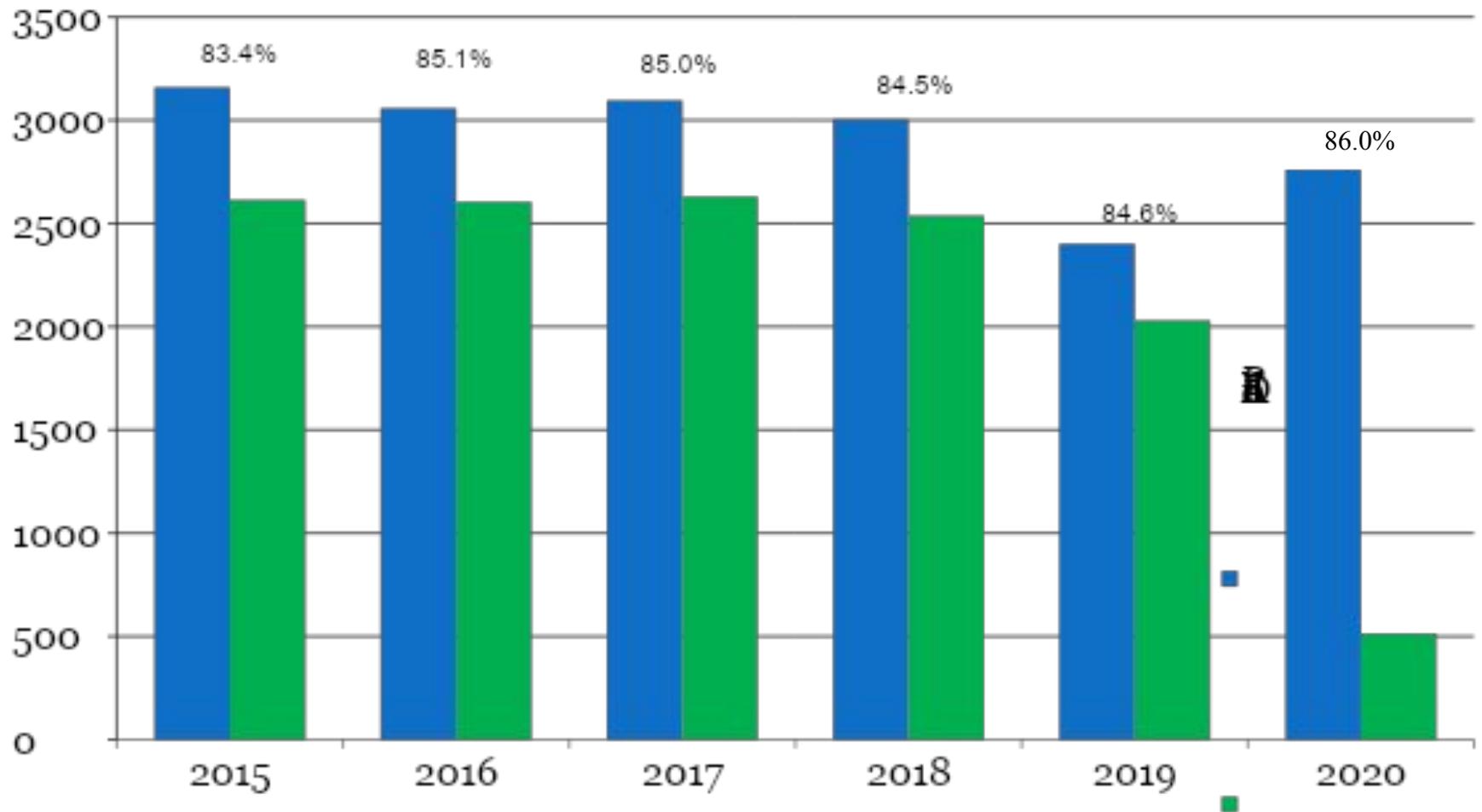
Office of Marine and Aviation Operations

NOAA Fleet Highlights CY19

- Significant effort in the Spring and early Summer to recover and reschedule projects and vessel repair periods following 35-day lapse in appropriations.
- Successful continuation of EXPRESS project in Pacific and ASPIRE project in Atlantic.
- Hydrographic survey work in Arctic.
- Continuation of Post Hurricane Maria hydrographic surveys in Puerto Rico.
- Successful modification of *Rainier's* schedule and mission following unexpected unavailability of *Hi'ialakai*, including hydrographic surveys in Hawaiian and Northwest Hawaiian Islands.



NOAA Ships – Days at Sea



Fleet Allocation Plan FY20

MOC PACIFIC	DAS/OD	PFD	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									
OSCAR DYSON	228/256	15	TR	DOCKSIDE REPAIRS			OMAO	TR	WALL WEST	WALL SOUTH	WALLEYE CENTRAL	ICE SEA MARGINA	NMFS 28	ECOFO GULF	EMA/FOC SOUTHER	WALLE NMFS BERIN 22	WALLE NMFS BERIN 22	WALLE NMFS BERIN 22	EMA-F SOUTH	EMA-FO SOUTHER	ECOFO EASTE		
FAIRWEATHER	185/219	10	EX CH	CINMS F	CIN	DOCKSIDE REPAIRS			OMAO	H RE EA	REVI EAST	REVI EAST	CAPE NEW EASTERN	CAPE NEW EASTERN	CAPE NEW EASTERN	CAPE EASTE	ECOFO OAR NORTH 21	F REV N	REVI EAST	REVI EAST			
RAINIER	180/220	0	DRYDOCK PERIOD - LOCATION TBD						OMAO	T	O H	TRAN	TRANSIT WAKE, GU	HYDRO NOS NORTH	HYDRO S NORTHWE	HYDRO NOS NORTH	HYDRO NOS MID	HYDRO S NOS NORTHWE	HYDRO NOS 26	HYDRO NOS NORTHW	HYDRO NOS NORTH	HYDRO NOS NORTH	
BELL M. SHIMADA	177/203	48	DRYDOCK PERIOD - LOCATION TBD						OMAO	O	NCC WASHINGT	CALCOF NMFS SAN DI 25	CPS US WEST	NCC WASHI COAST	JSOES L COASTS	D DA C	DSC&S POINT	T HAKE LEG U.S. WES	HAKE LEG U.S. WES	HAKE LEG U.S. WES	HAKE LEG U.S. WES	HAKE LEG U.S. WES	
REUBEN LASKER	198/216	42	E H	EXPRE HIGH	EXPRESS HIGH PR	CALCOF NMFS SAN DI 25	DOCKSIDE REPAIRS			OMAO	DOCKSI	OOR SOU	JUVEN NMFS US WE 23	JUVEN NMFS US WE 22	WEST NMFS US W 20	WEST NMFS US W 20	WEST NMFS US W 20	WEST NMFS US W 20	WEST NMFS US W 20	WEST NMFS US W 20	WEST NMFS US W 20		
HI'IALAKAI	0/0	0	MOC-P INACTIVE												OMAO								
OSCAR ELTON SETTE	218/227	35	WHO 22	DOCKSIDE REPAIRS			OMAO	O	WINTER NMFS HAWAII 26	WINTER NMFS HAWAII 25	VIIRS COAST	MONK SE NMFS NORTHWE 27	BIGEYE NMFS THE RE 25	SAMO NMFS TERR 20	SAMO TRAN	M F MI	MONK SE NMFS NORTHWE 27	MHI NMFS MAIN 21					
MOC ATLANTIC																							
RONALD H. BROWN	241/308	20	DRYDOCK PE	OMAO	G	O	T S	WETS- OAR STRAI 20	ATOMI OAR NORTH 20	ATOMIC NORTHWE	TRANS OAR 20	GO-SHIP A13.5 SOUTH ATLANTIC	OAR 45	PIRATA (PN TROPICAL N	OAR 31	P T	TRANS DOCKSI	WC-OA OAR NORTH 20	WC-OA OAR NORTH 21	ESCAN OAR NORTH 20			
NANCY FOSTER	140/149	10	DEEP MID	DRYDOCK PERIOD			OMAO	S	O	CARIB CARIB	CARIB CARIB	NOS NEA	CRER NORTH	CRER NORTH	2020 SOUT	2020 SOUT	O	GRAY GRNM	MIDA MID	MID MID	BENTH MID T	F	
THOMAS JEFFERSON	180/207	0	CH WE	CHESA WESTE	NOS 22	F CHESAPE WESTERN	DOCKSIDE REPAIRS			OMAO	O	H	LOUISIA	LOUISIAN	LOUISIAN	LOUIS NOS 22	GARD GARD	GARD GARD	GARD GARD	GARDIN GARDIN	O F		
OKEANOS EXPLORER	196/267	45	BAHAM HIGH	OAR 22	BAHAM HIGH	OAR 22	B G	DOCKSIDE REPAIRS			OMAO	O	EX-2 HIGH	EX-2 OAR HIGH 22	EX-HIG	O	EX-20-0 HIGH PR	EX-20-0 OAR EX-20-0 25	EX-20 OAR HIGH 20	EX-20-0 OAR HIGH PR 25	EX-20-0 OAR HIGH P	F DOCKS	
OREGON II	178/181	32	SEAMAP GULF O	SEAMAP GULF O	SEAM GULF	DRYDOCK PERIOD			OMAO	O	F	SEAMAP NORTH	SEAMAP NORTHER	SEAMAP GULF O	SEAMAP GULF O	SOUTH EAST S	SEFIS SOUTH	SEFIS SOUTH A	O	SEFSC SOUTH	SEFSC SOUTH	SEFSC SOUTH	
PISCES	112/186	19	F	DOCKSIDE REPAIRS			OMAO	O	SEAMAP GULF OF	SEAMA GULF	SEAMAP GULF O	SEAMAP GULF O	SOUTH EAST S	SEFIS SOUTH	SEFIS SOUTH A	O	FALL PL GULF OF	FALL PL GULF OF					
GORDON GUNTER	191/215	22	HAB GULF	NORTHEAS	ECO NOR	DRYDOCK PERIOD - LOCATION TBD			OMAO	O	AMAPP NMFS ATLAN 22	AMAPP NMFS CAPE 22	AMAPP NMFS CAPE 23	NORT NMFS GULF 21	NE SEA GULF OF	SEA GULF	DOCKSIDE REPAIRS			OMAO	O	FALL PL GULF OF	FALL PL GULF OF
HENRY B. BIGELOW	180/180	18	A W	ABTS LE WESTERN	ABTS LE WESTERN	DOCKSIDE REPAIRS			OMAO	O	SBTS LEG WESTERN	SBTS WEST	SBTS LE WESTERN	SBTS L WESTER	B P	ECOMON S NORTHEAS	O	F	BEARED GULF O	NE DEE GULF O	G	ABTS LEG WESTERN	
FERDINAND R. HASSLER	155/272	19	O	OPR-	OPR	OP SO	OP SO	DOCKSIDE REPAIRS			OMAO	O	H	C S	CAPE SOUT	CAPE SOUT	CAPE SOUTH	CAPE SOUTH	CAPE SOUTH	CAPE SOUTH	ONS SOU	ONS SOU	ONS SOU
Fleet Totals	2759/3306	335																					

Line Office PFD
 NMFS 203
 NOS 27
 OAR 105
 NWS 0
 NESDIS 0
 OMAO 0
 Total 335

Resilient Coastal Communities Climate Adaptation & Mitigation Healthy Oceans Weather Ready Nation
 Sea Trials/Transits/Fleet Inspections/Maintenance Periods S&T Enterprise: HUE Program Funded Other Agency

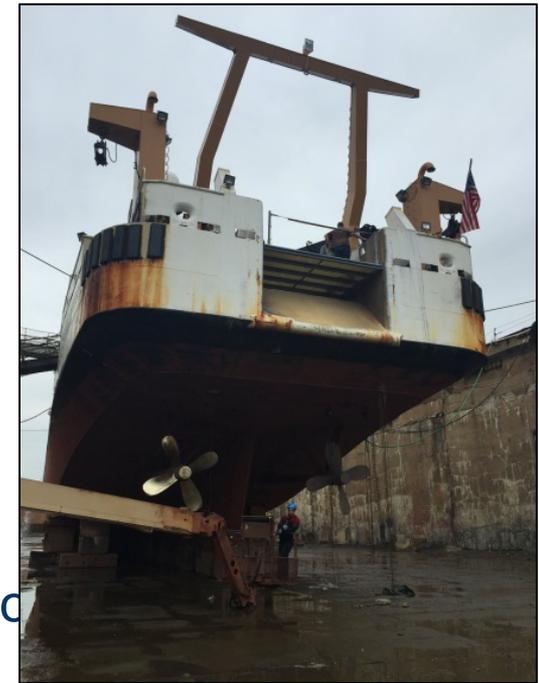
COMMENTS:
 Fleet Council Approval and Signatures - 8/19/2019

DAS = Days At Sea; OD = Operating Day; PFD = 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; PT = Patch Test



NOAA Fleet Initiatives FY20

- Increased planned DAS and DAS execution rate
- Shift vessel repair periods to earlier in the fiscal year to allow for earlier start to the field season
- Enhanced focus on training for shipboard personnel
- Completion of safety survey for all vessels and initiation of safety survey for shoreside support offices
- Continued shift of *Rainier's* operational area and mission to cover loss of *Hi'ialakai*.



NOAA Funded Projects



R/V Roger Revelle



R/V Savannah



R/V Sally Ride



R/V Hugh R. Sharp

© Joel Kifer
MarineTraffic.com



R/V F.G. Walton Smith



Fleet Recapitalization

- NOAA AGOR Variant (NAV): In source selection with 3 shipyards:
 - Dakota Creek Industries, Inc.
 - Thoma-Sea Marine Constructors, LLC
 - VT Halter Marine, Inc.

- Requirements definition for NOAA R/V Classes B and C underway



Questions?

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