

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



LCDR Claire Surrey-Marsden, NOAA

Office of Marine and Aviation Operations

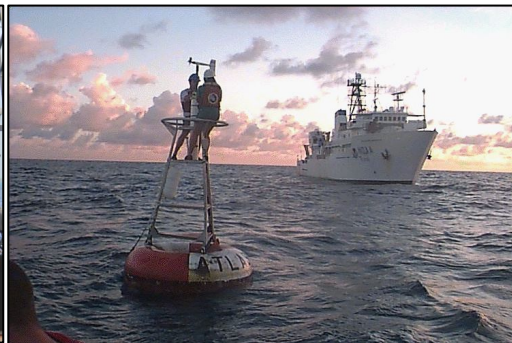
Marine Advisor



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



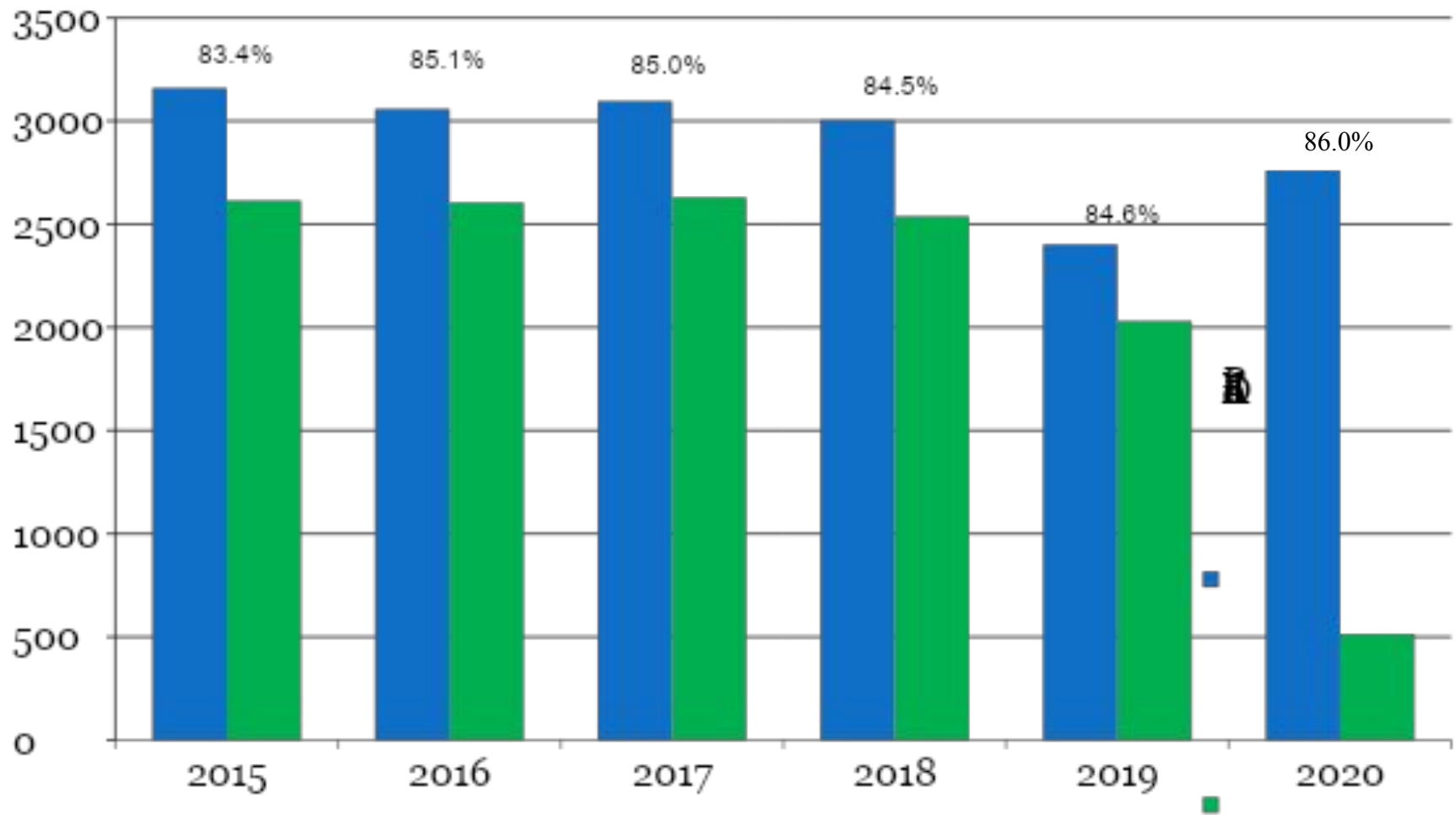
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NOAA Fleet Highlights CY19

- 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 NORTHWE | HYDRO S NOS NORTHWE | HYDRO NOS NORTH | HYDRO NOS NORTH | HYDRO NOS NORTH | HYDRO NOS NORTH | 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 | 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 O | COOR 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 NORTH | 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 | SEAMAP GULF O | SEAMAP GULF O | SEAMAP GULF O | SEAMAP GULF O | SEAMAP GULF O | SEAMAP GULF O | SEAMAP GULF O | |
| PISCES | 112/186 | 19 | F | DOCKSIDE REPAIRS | | | OMAO | O | SEAMAP GULF OF | SEAMA GULF | SEAMAP GULF O | SEAMAP GULF O | SOUTH EAST | S S | SEFIS SOUTH | SEFIS SOUTH A | O | | | | | | |
| 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 SOUT | CAPE SOUT | CAPE SOUT | CAPE SOUT | ONS SOUT | ONS SOUT | ONS SOUT | ONS SOUT |
| 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

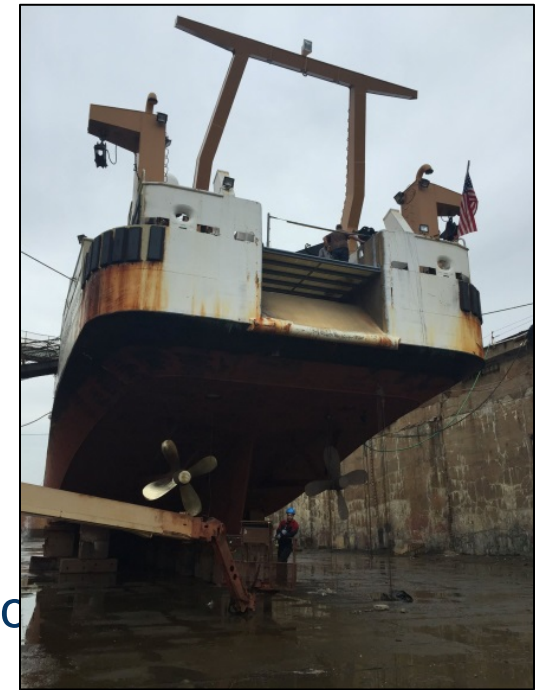
COMMENTS:
 Fleet Council Approval and Signatures - 8/19/2019

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



Office of Marine and Aviation Operations

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

