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
Agenda

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

- 2015: 83.4%
- 2016: 85.1%
- 2017: 85.0%
- 2018: 84.5%
- 2019: 84.6%
- 2020: 86.0%
## Fleet Allocation Plan FY20

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### Fleet Totals

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“Resilient Coastal Communities | Climate Adaptation & Mitigation | Healthy Oceans | Weather Ready Nation

| Sea Trials/Transits/Fleet Inspections/Maintenance Periods | 347 Enterprise: NHMS | Program Funded: OMAO

**Comments:** Fleet Council Approval and Signatures - 8/19/2019

**DAS:** Days At Sea; **OD:** Operating Day; **FPD:** Program Funded Day; **I:** Fleet Inspection; **T:** Transit; **S:** Sea Trial; **TS:** Transit & Sea Trial; **UT:** Underway Training (e.g. ROBO)**

- **SD:** Shakedown; **ST:** Staging; **N:** No Go; **G:** Go Ahead; **OS:** Ocean Survey**

**NMS:** Mld Season Repair; **RQ:** Research to Operation; **DD:** Drydock; **PT:** Patch Test

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Office of Marine and Aviation Operations
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

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