

NOAA OMAO
FY17 Accomplishments and FY18 Initiatives
2018 Fleet Improvement Committee Meeting
07/09/18



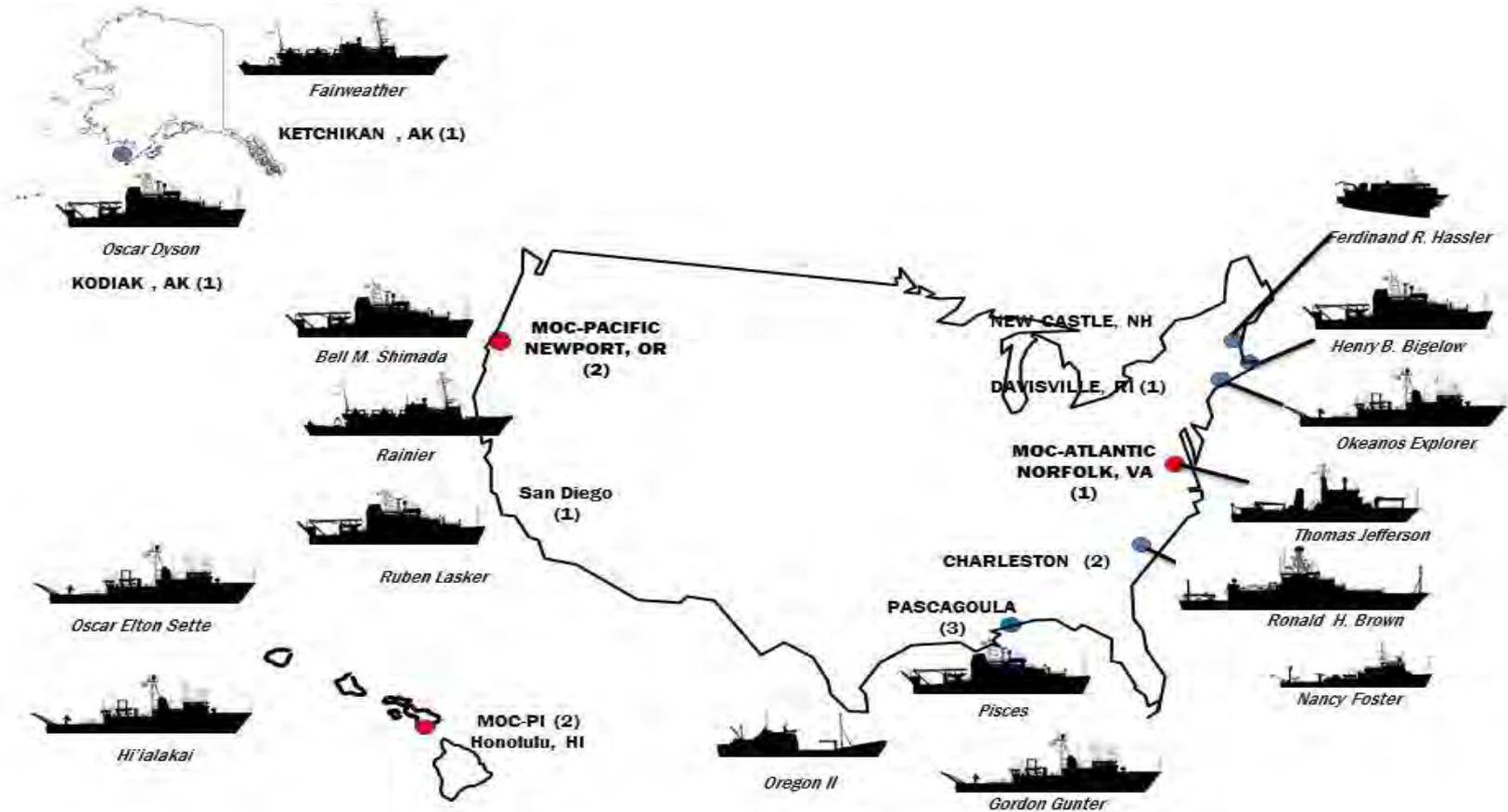
LCDR Stephen Barry, NOAA

Marine Advisor to the Deputy Director for
Operations, Office of Marine and Aviation
Operations

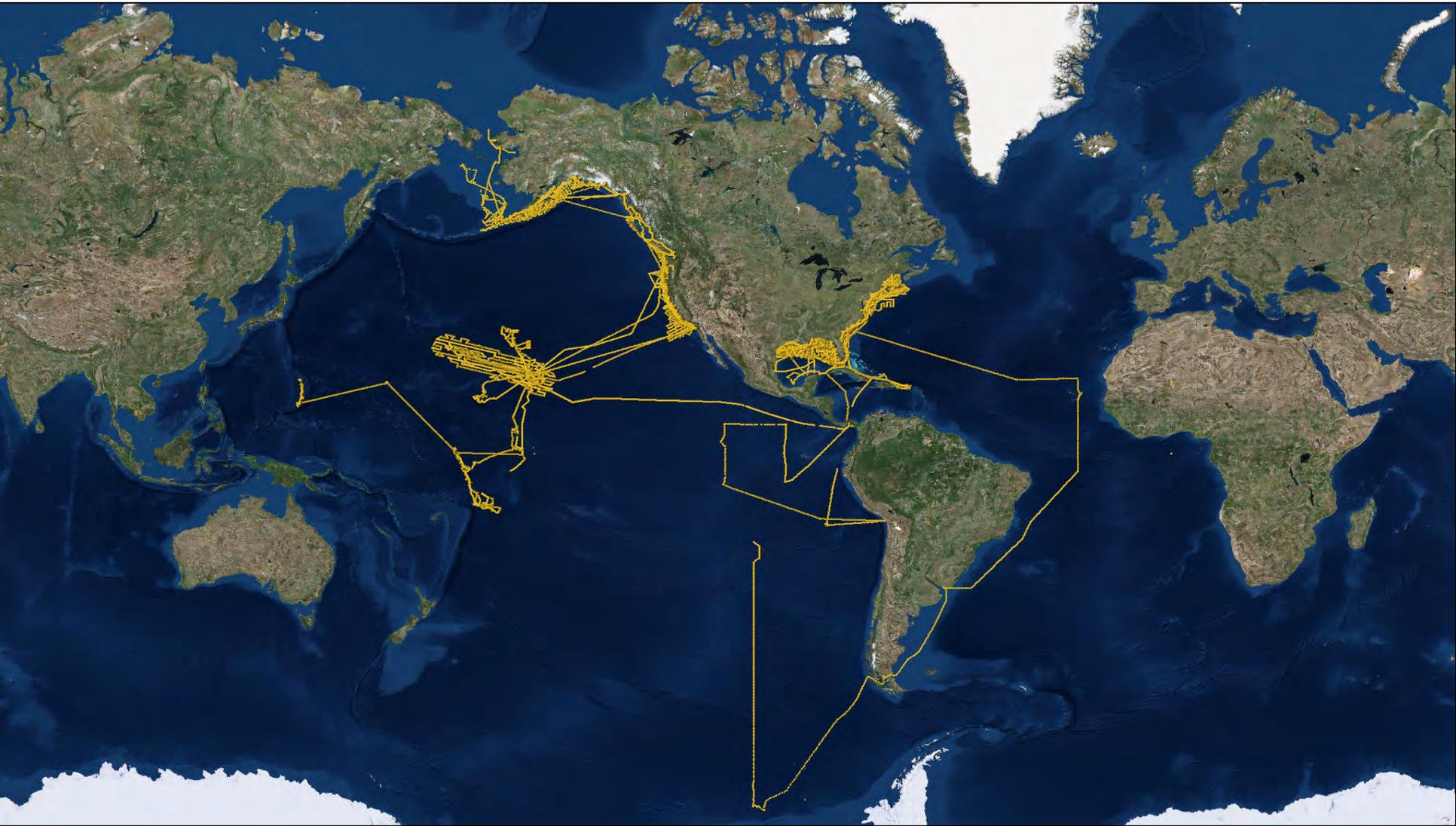


Office of Marine and Aviation Operations

NOAA Ship Locations



CY17 Field Season



Office of Marine and Aviation Operations

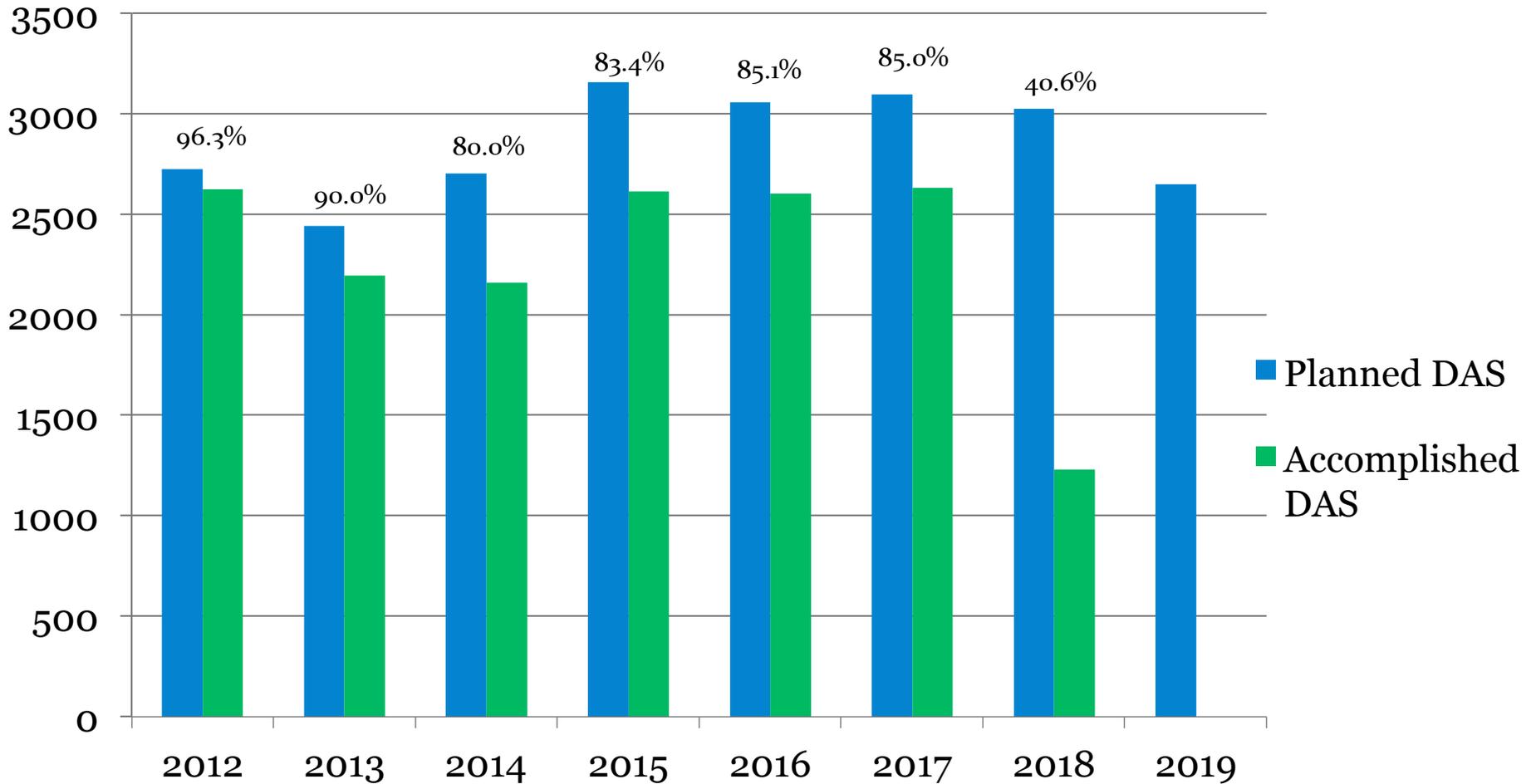
FY18 Fleet Allocation Plan

FY 2018 Fleet Schedule Version: OMAO Scheduler's Final FY2018 President's Budget Fleet Allocation Plan Dated July 17, 2017 (Primary Version) Type: Additional Version Schedule Level: OMAO

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | | | | | | | | |
|-------------------------------------|--|-----------------------------------|-------------------------------------|--|-------------------------|---|---|--|---|--|---|---|---|---|-------------------------------------|---|-----------------------------------|-----------------------------------|---|-----------------------------------|
| - MOC PACIFIC | | | | | | | | | | | | | | | | | | | | |
| OSCAR DYSON 227/233 | 4 Rec to | 6 Tran to | 3 D Docksides Repairs | 3 Tr fr | 3 G Tr | 6 Tran baty | 11 Waleye Pollock | 0 Flea Inso | 1 In | 23 Waleye Pollock Being Sea (Biosoft) | 26 Ice-associated sea ecology Movements, haul-out | 12 EcoPOCI Spring | 21 EMA-FOCI Larval Groundfish | 22 Waleye Pollock EBS Summer Survey | 22 Waleye Pollock EBS Summer Survey | 21 Waleye Pollock EBS Summer | 14 EMA-FOCI sea-C | 14 EMA-FOCI sea-C | 6 EcoF Fall | |
| FAIRWEATHER 180/191 | 6 Alas Emr | 11 Alaska Emerdin | 12 Alaska Emerdin | 0 FH Tr | 4 Tr | 0 Docksides Repairs | 7 HSR (FA) | 8 Alaska Emer | 12 Alaska Emerdin | 12 Alaska Emerdin | 19 Alaska Emerging Commerce | 19 Arctic Access & Transit | 19 Arctic Access & Transit | 12 Arctic Access | 12 Arctic Access | 10 Arctic Access | 0 Mid Season Repair | 0 Mid Season Repair | 15 Integrated Seafloor | 16 Alaska Emerging Commerce |
| RAINIER 238/249 | 13 Sanctuarie Marzono | 6 Sani Map | 8 ONN Seal | 13 ONMS Seafloor | 0 FH Int | 5 Tra to | 0 Drydock Period - Location TBD | 5 Tra Tror | 0 Shaked & | 7 HSR (RA) | 12 Alaska Emerdin | 18 Alaska Emerging Commerce | 18 Arctic Access & Transit | 19 Arctic Access & Transit | 19 Arctic Access & Transit | 0 Mid Season Repair | 22 Cascadia Margin | 18 Cascadia Margin (JOCM) | 31 CalDIG - California Deepwater Investigations and Ground trawling | 19 CalDIG California Deepwater |
| BELL M. SHIMADA 198/198 | 21 Evaluating Cetacean and Acoustic | 8 Calid Tr | 3 D Drydock Period - Location TBD | 3 D Tr Shaked | 2 T Northern California | 15 Northern California | 0 F In | 27 California Cooperative Fisheries Investigations | 0 Mid Season Repair | 10 Northern California | 15 2018 Pre-recout | 10 Pelagic Macro | 12 Applied California | 10 Ocean land | 16 Deep-sea Corals | 25 Investigations of hake ecology, survey methods, and the California Current | 10 Northern Califom | | | |
| REUBEN LASKER 208/208 | 20 Hawaiian Islands Cetacean and Ecosystem Assessment Survey (HICEAS) - LASKER | 0 D Mid FH Season Int Repair | 23 California Cooperative Fisheries | 0 Drydock Period - Location TBD | 3 Tr fr | 0 Shakedow | 20 Juvenile Rockfish Survey | 21 Juvenile Rockfish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey | 20 West Coast Pelagic Fish Survey |
| HIALAKA 148/148 | 0 F In | 0 Docksides Repairs | 0 Shakedo & | 28 American Samoa and Pacific Remote Island Areas - Reef | 10 America Samoa | 21 American Samoa and Pacific Remote | 27 American Samoa and Pacific Remote Island Area - Reef | 0 Mid Season Repair | 10 WHOTS (WHOI) | 24 Hawaiian Monk Seal Population Assessment and | 26 FY18 NWHI RAMP Northwestern | | | | | | | | | |
| OSCAR ELTON SETTE 195/195 | 10 Hawaii Islands | 12 BFLISH_2017 Mili | 12 Transit to | 0 Drydock Period - Location TBD | 12 Transit from | 0 Shaked & Se | 4 Se | 15 Manana Archipelago | 25 Manana Archipelago Cetacean Survey | 25 Manana Archipelago Life History Fisheries Resources Bio | 15 PIFSC Mananas Archipelago | 15 PIFSC Mananas Archipelago | 22 Northwestern Hawaiian Islands Marine | | | | | | | |
| - MOC ATLANTIC | | | | | | | | | | | | | | | | | | | | |
| RONALD H. BROWN 227/280 | 0 Docksides Repairs | 3 D Post Repair & Staging Tr | 14 Western Boundary | 38 PIRATA Northeast Extension (PNE) | 44 GOSHIP - ID7N | 34 RAMA | 24 Study of diurnal coupling of precipitation and | 38 TAO (188E+180W) | 0 D M Plk S (M) Seas | 33 TAO (140W+125W) | 0 Docksides Repairs | | | | | | | | | |
| NANCY FOSTER 172/172 | 4 Tr to | 0 Docksides Repairs | 20 S Shaked T & | 0 F In | 4 Tr to | 0 Dry Dock - Location TBD | 3 D Tr Shaked fr & | 27 Interagency Deepwater Characterization to | 25 Climate Impacts on Larval Atlantic Bluefin Tuna Ecology in the | 26 Coral Reef Ecosystem Research (CRER) | 21 Mapping Essential Fish Habitat in the US | 0 Mid Season Repair | 10 Gray's Reef | 18 Benthic Habitat Mapping and | 30 New York Bight | | | | | |
| THOMAS JEFFERSON 223/223 | 35 TJ-18-01 | | | 0 Docksides Repairs | 0 Shaked & | 5 HS (TJ) | 138 TJ-18-01 | | | | | | | | | | 18 Puerto Rico | 11 Puerto Rico | 14 - Puerto Rico | 1 Mid Season Repair |
| OKEANOS EXPLORER 199/202 | 34 CAPSTONE TRANSIT- Cloceton | 10 Transit | 23 ASPIRE- Caribbean/Gulf of Mexico | 0 Docksides Repairs | 3 G Tr | 14 ASPIRE - ONMS | 33 ASPIRE-US South Atlantic | 10 VIIRS Ocean | 10 ASPIRE- Caribbe | 23 ASPIRE- North Atlantic | 24 ASPIRE-Gulf of Mexico | 23 ASPIRE- Northeast | 10 ASPIRE- North | 0 D F In | 0 D F In | 0 D F In | 0 D F In | 0 D F In | 0 D F In | 0 D F In |
| OREGON II 211/211 | 41 SEAMAP Fall Shrimp/Bottomfish Survey | | | 0 Docksides Repairs | 0 Shaked & | 20 Gulf of Mexico Brood's Whale | 30 SEAMAP Spring Flankton Survey | 36 SEAMAP Summer Groundfish | 0 Mid Season Repair | 30 Shark/Red Snapper Bottom Longline Survey | | | | | | | | | | |
| PISCES 219/229 | 16 Gulf of Maine Harmful | 21 Northeast Ecosystem Monitoring | 8 Under BOTC | 0 Docksides Repairs | 0 Shaked & | 30 Gulf SEAMAP Reef Fish Video | 21 NTAS/MOVE Northwest | 13 South Atlantic Bight | 28 SouthEast Fishery- Independent Survey (SEIS) formerly South | 0 D Mid Season Repair | 30 Gulf of Mexico Marine Mammal & Seabird Assessment (Summer) | | | | | | | | | |
| GORDON GUNTER 180/180 | | | | 0 Docksides Repairs | 0 Sh & | 20 Gulf of Mexico Marine Mammal & Seabird Assessment (Winter) | 0 Docksides Repairs | 1 D F In | 25 Logghead Turtle Biology Survey | 33 Northeast Cetacean and Turtle Biology Survey | 15 Northeast Ecosystem | 42 SEAMAP (Southeast Area Monitoring and Assessment Program) Fall Plankton Survey | | | | | | | | |
| HENRY B. BIGELOW 218/218 | 38 NEFSC Bottom Trawl Survey Autumn - October/November component | 4 NE Gls | 0 Docksides Repairs | 1 S Shaked T & | 10 North Ecosyst | 3 61 NEFSC Spring Bottom Trawl Survey | 4 Ur B | 15 Northeast Ecosystem | 0 D Mid Season In Repair | 34 East Coast Ocean Acidification Cruise | 6 Acous Rano | 10 Mesopse ecosyst | 3 G Tr | 24 Autumn Bottom Trawl Survey - September | | | | | | |
| FERDINAND R. HASSLER 153/153 | 36 Approaches to Jacksonville | | 0 F In | 70 Chesapeake Bay | 3 D Docksides Repairs | | | | | | | | | | | | | | | |



NOAA Ships – Days at Sea



FY18 FAP Highlights

- 3026 Planned Days at Sea
- Worldwide Expedition on **Ronald H. Brown** - South Africa, Seychelles, India, Australia, Hawaii
- **Fairweather** Continuing Hydrographic Surveys in Arctic
- **Thomas Jefferson** Returning to Puerto Rico for Additional Hydrographic Surveys
- **Okeanos Explorer** Beginning ASPIRE project in the North Atlantic
- 50th Anniversary Celebration on **Rainier** and **Fairweather**



FY18 Maintenance Increase

- \$21.5 Million received in April to Address Fleet Deferred Maintenance
 - \$5 Million - End of year awards for FY19 repair packages: moving execution of packages to the left as much as possible
 - \$3.7 Million towards deferred maintenance
 - \$1.3 Million unscheduled maintenance and repair period growth



Fleet Maintenance Initiatives

- Preventative Maintenance
- Configuration Management
- Inventory Management/Spares Program
- Service Life and Material Condition Assessments
- Long Range Maintenance Plans: FY20 - FY29



New Vessel Construction

- \$75 Million for New Vessel Construction
- Bids Received Mid-July, Start Bid Review
- Tentative Plan to Issue Award late September



Summary

- Operational funding to support NOAA Fleet has decreased every year since 2015
- Increase in FY18 maintenance funds will improve reliability rate in the long-term
- Goal to Increase Fleet Execution Rate



Questions?

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