

NOAA OMAO
FY17 Accomplishments and FY18 Initiatives
2018 UNOLS Council Meeting
06/19/18

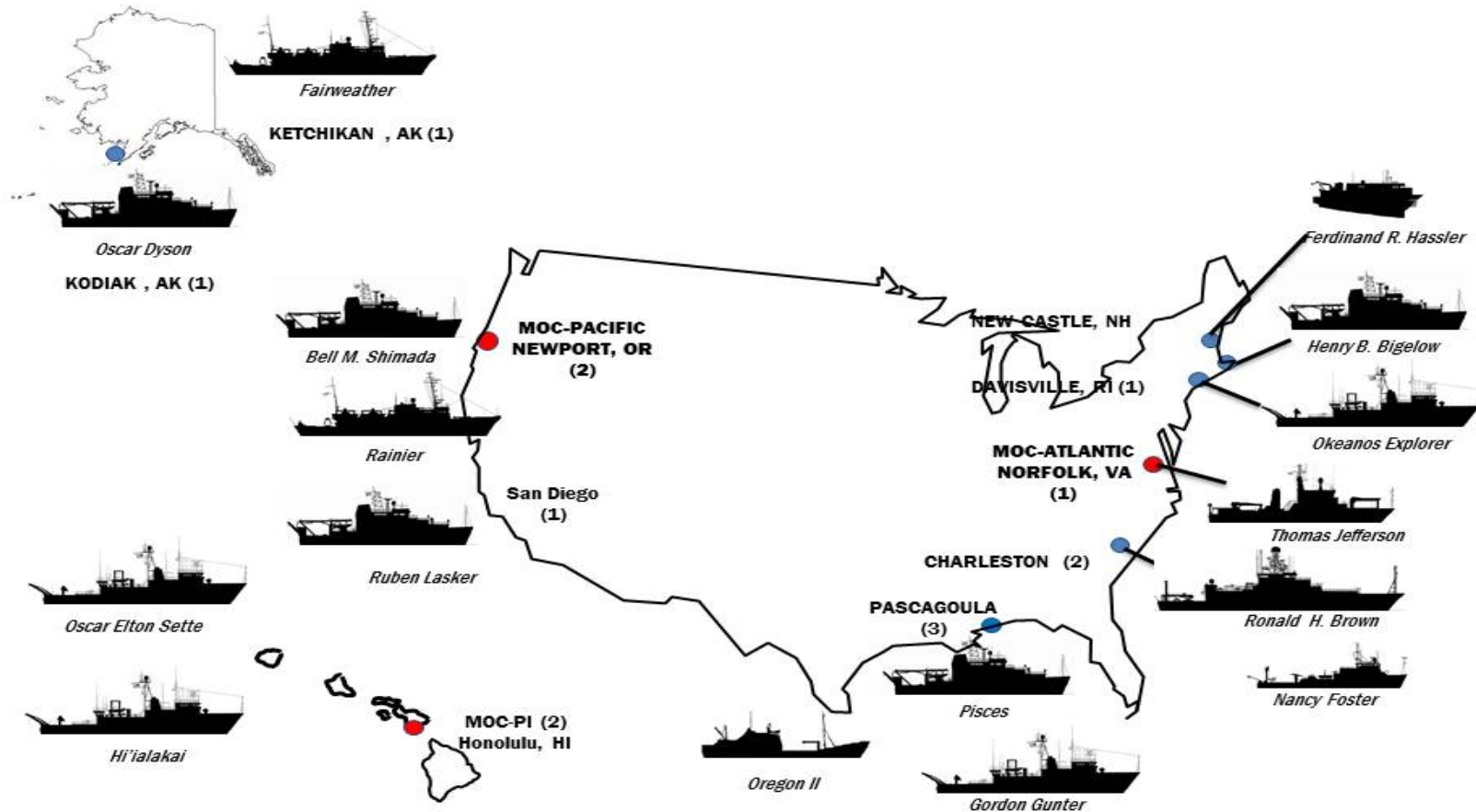


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Marine Advisor to the Deputy Director for
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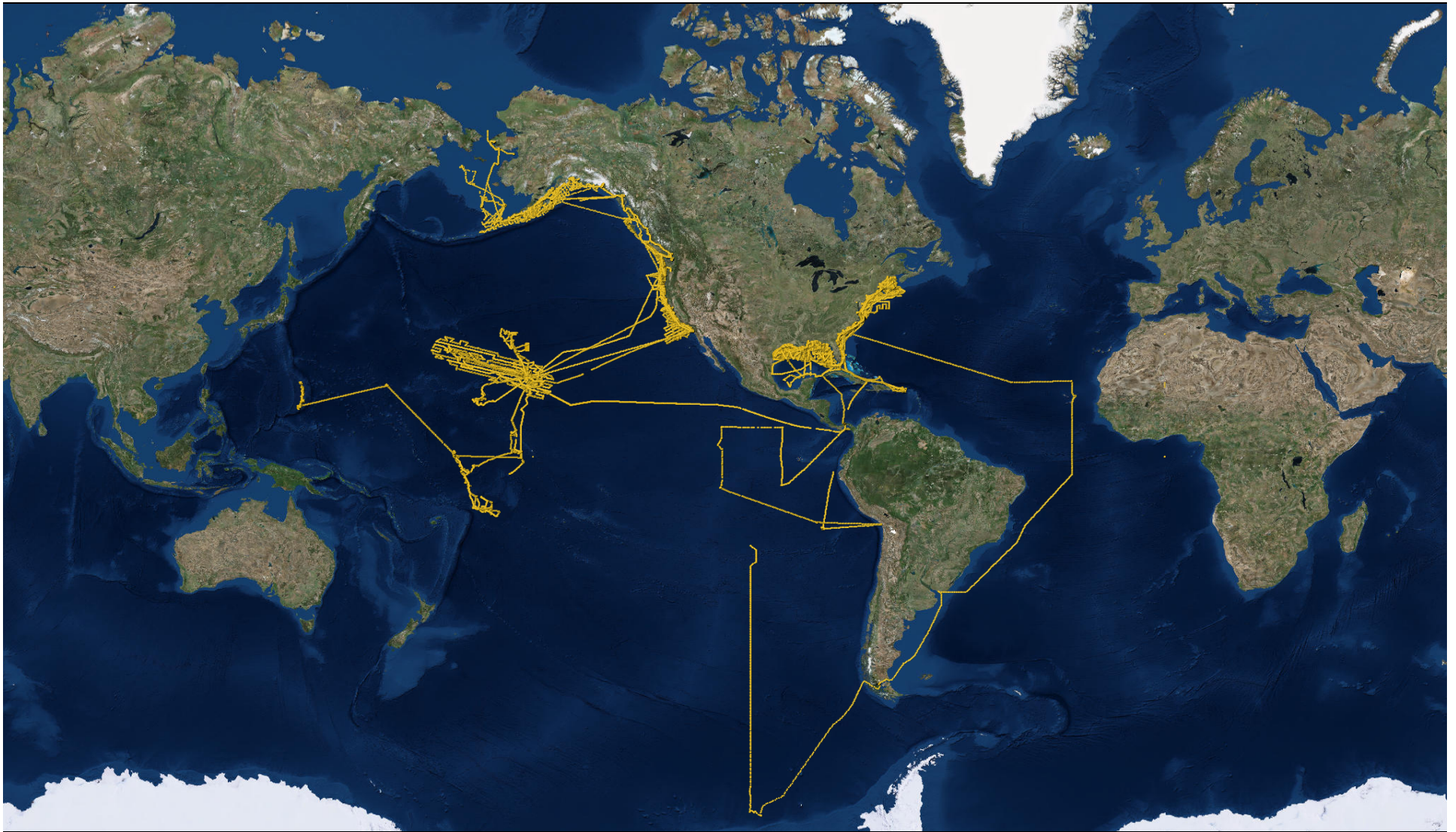
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NOAA Ship Locations



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CY17 Field Season



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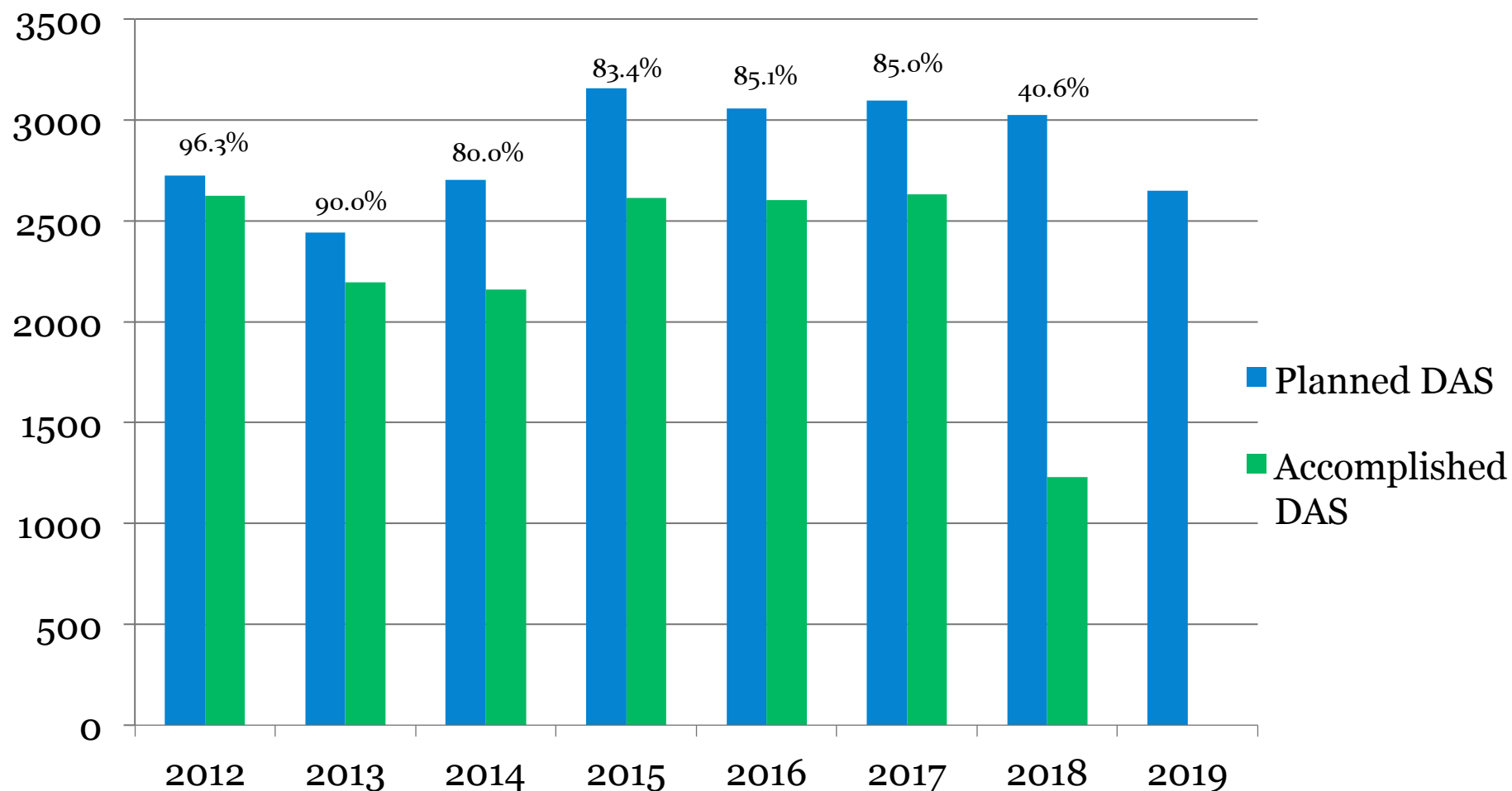
FY18 Fleet Allocation Plan

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 Ec El (el)	6 Tran to	3 0 Docks Repairs		3 Tr fr	3 G Tr	6 Tran bat	11 Walleye Pollock	0 Fle Inso	1 Fle In	23 Walleye Pollock Bering Sea (Boosio)	28 Ice-associated seal ecology Movements, haul-out	12 EcoFOCI spring	21 EMA-FOCI Larval Groundfish	22 Walleye Pollock EBS Summer Survey	22 Walleye Pollock EBS Summer Survey	21 Walleye Pollock EBS Summer	14 EMA-FOCI sea-0	14 EMA-FOCI sea-0	8 EcoF fall		
FAIRWEATHER 180/191	6 Alas Eme	11 Alaska Emerin	12 Alaska Emerin	0 Flk Tr In	4 0 Docks Repairs			1 St Tr			4 Tr HSR (FA)	8 Alaska Emerin	12 Alaska Emerin	12 Alaska Emerin	19 Alaska Emerging Commerce	19 Arctic Access & Transit	12 Arctic Access	12 Arctic Access	10 Arctic Access	0 Mid Season Repair	15 Integrated Seafloor	15 Alaska Emerging Commerce
RAINIER 238/249	13 Sanctuaria Mazonia	8 Sani Mao	6 ONMS Seafoor	0 Flk In	5 Tra to	0 Drydock Period - Location TBD					5 Tra Shaked & fr		7 HSR (RA)	12 Alaska Emerin	18 Alaska Emerging Commerce	18 Arctic Access & Transit	19 Arctic Access & Transit	18 Arctic Access & Transit	0 Mid Season Repair	31 CalDIG - California Deepwater Investigations and Ground truthing	19 CalDIG - California Deepwater	
BELL M. SHIMADA 198/198	21 Evaluating Optical and Acoustic	8 Calif Curre to	3 0 Drydock Period - Location TBD			3 0 Tr Shaked & fr	2 10 Northern T. Caliform	15 Northern California	0 1 Fl In	27 California Cooperative Fisheries Investigations	0 Mid Season Repair	10 Northern California	15 2018 Pre-recruit	10 Pelagic Macrocr	12 Applied California	10 Oceano and	15 Deep-sea Corals	25 Investigations of hake ecology, survey methods, and the California Current	10 Northern California			
REUBEN LASKER 208/208	20 Hawaiian Islands Cetacean and Ecosystem Assessment Survey (HICEAS)- LASKER		0 0 Mid Season Infr Repair	23 California Cooperative Fisheries	0 Drydock Period - Location TBD					3 Tr Shaked & fr	0 Shakedown	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			
HIALAKAI 148/148	0 Fl In	0 Docks Repairs			0 Shaked & a	20 American Samoa and Pacific Remote Island Areas - Reef		10 America Samoa	21 American Samoa and Pacific Remote	27 American Samoa and Pacific Remote Island Areas - Reef	0 Mid Season Repair			10 WHATS WHO?	24 Hawaiian Monk Seal Population Assessment and	25 FY18 NWHI RAMP Northwestern						
OSCAR ELTON SETTE 195/195	10 Hawaii Islands	15 BFISH_2011 MHI	12 Transit to	0 Drydock Period - Location TBD						12 Transit from	0 Shaked & Se Tr	15 Mariana Archipelago	25 Mariana Archipelago	26 Mariana Archipelago Life History Fisheries Resources Bio	15 PIFSC Marianas Archipelago	16 PIFSC Marianas Archipelago	22 Northwestern Hawaiian Islands Marine					
- MOC ATLANTIC																						
RONALD H. BROWN 227/280	0 Docks Repairs		3 0 Post Repair & S Staging Tr	14 Western Boundary	30 PIRATA Northeast Extension (PNE)		44 GOSHIP - 107N		34 RAMA		24 Study of diurnal coupling of precipitation and		38 TAO (165E+180W)		0 0 Mid Seas	33 TAO (140W+126W)	0 Docks Repairs					
NANCY FOSTER 172/172	4 Tr to	0 Docks Repairs		20 S Shaked T &		0 Fl In	4 Tr to		0 Dry Dock - Location TBD		3 0 Tr Shaked & fr	27 Interagency Deepwater Characterization to	26 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 Mazonia and	30 New York Bight		
THOMAS JEFFERSON 223/223	35 TJ-18-01				0 Docks Repairs				0 Shaked &	5 HS (TJ)			138 TJ-18-01					18 Puerto Rico	11 Puerto Rico	14 - Puerto Rico	0 Mid Season Repair	
OKEANOS EXPLORER 199/202	24 CAPSTONE TRANSIT- Clifton		10 Transit	23 ASPIRE- Caribbean/Gulf of Mexico	0 Docks Repairs			3 St Tr	14 ASPIRE - ONMS	23 ASPIRE-US South Atlantic	10 VIIRS Ocean	10 ASPIRE Caribbean	22 ASPIRE- North Atlantic	24 ASPIRE-Gulf of Mexico		23 ASPIRE - Northeast	12 ASPIRE- North	0 0 Mid In Seas				
OREGON II 211/211	41 SEAMAP Fall Shrimp Bottomfish Survey				0 0 Docks Repairs		0 Shaked &	20 Gulf of Mexico Bryde's Whale		30 SEAMAP Spring Plankton Survey	38 SEAMAP Summer Groundfish		0 Mid Season Repair		80 Shark/Red Snapper Bottom Longline Survey							
PISCES 219/229	15 Gulf of Maine Harmful	21 Northeast Ecosystem Monitoring	8 Under BOTO	0 Docks Repairs			0 Shaked &	60 Gulf SEAMAP Reef Fish Video		21 NTAS/MOVE Northwest		13 South Atlantic Bight	20 Southeast Fishery-Independent Survey (SEFIS), formerly South	0 Fl In	0 Mid Season Repair	60 Gulf of Mexico Marine Mammal & Seabird Assessment (Summer)						
GORDON GUNTER 180/180				0 Docks Repairs		0 Sh & a	60 Gulf of Mexico Marine Mammal & Seabird Assessment (Winter)			0 Docks Repairs	1 St Tr In	20 Loggerhead 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		6 NE Sta	0 Docks Repairs		1 St Shaked &	10 Northeast Ecosystem	3 G Tr	61 NEFSC Spring Bottom Trawl Survey		4 Ur B	15 Northeast Ecosystem	0 0 Mid Fl Season Infr Repair	34 East Coast Ocean Acidification Cruise		8 Acous Rano	10 Mesope ecosystem	3 G Tr	24 Autumn Bottom Trawl Survey - September			
FERDINAND R. HASSLER 153/153	35 Approaches to Jacksonville				0 Flk In	70 Chesapeake Bay			3 0 Docks Repairs							3 0 Tr Shaked & fr	5 HS / Jacksonville, FL (Spring 2018)					



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NOAA Ships – Days at Sea



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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***



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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



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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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