

NAVY VESSELS OF THE U.S. ACADEMIC RESEARCH FLEET



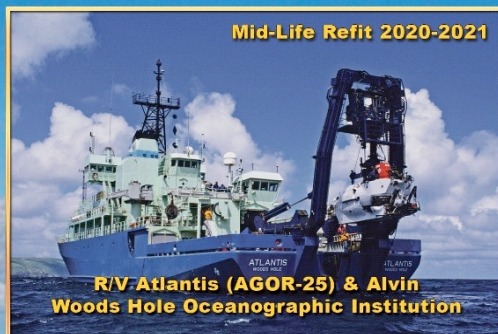
R/V Neil Armstrong (AGOR-27)
Woods Hole Oceanographic Institution



R/V Sally Ride (AGOR-28)
Scripps Institution of Oceanography



R/V Kilo Moana (AGOR-26)
University of Hawaii



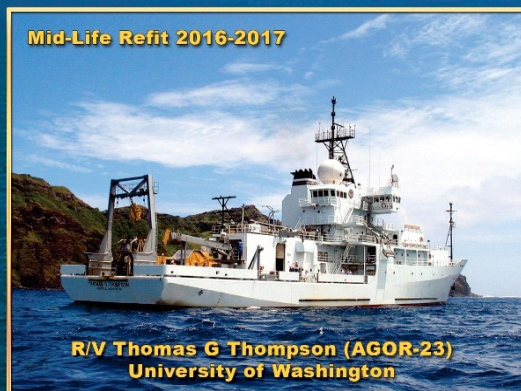
Mid-Life Refit 2020-2021

R/V Atlantis (AGOR-25) & Alvin
Woods Hole Oceanographic Institution

- **Global reach - 2-year missions**
- **Ships operate 280-300 days/year**
- **Science teams rotate to ship for 18-25 day projects**
- **Daily operations costs paid by research agency (e.g., National Science Foundation, Navy, NOAA, USGS, DOE)**
- **Crewed by professional mariners and university employees**

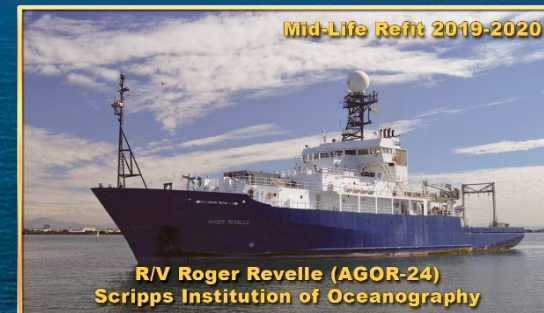


R/P FLIP
Scripps Institution of Oceanography



Mid-Life Refit 2016-2017

R/V Thomas G Thompson (AGOR-23)
University of Washington

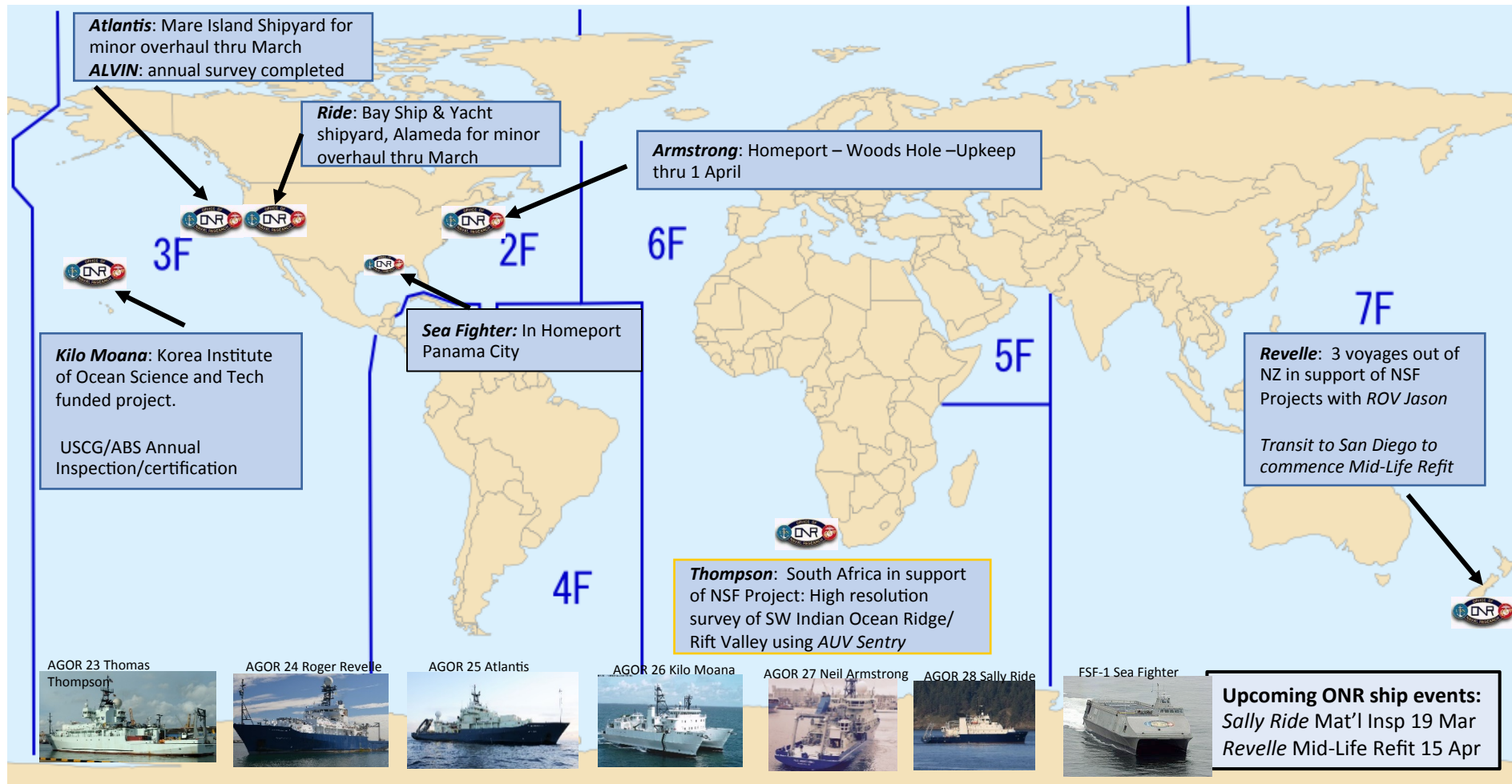


Mid-Life Refit 2019-2020

R/V Roger Revelle (AGOR-24)
Scripps Institution of Oceanography



ONR Oceanographic Research Fleet and FSF-1 Sea Fighter – Mar 2019





2018 - The Year in Review

- ONR Research: 473 days on ARF, Alliance and Healy
 - Major ONR Projects in the Indian Ocean, Western Pacific, Arctic, North Atlantic and Mediterranean
 - Philippine MSR permit issue
- ONR Research Vessels: 2,687 days at sea
 - Inspections: Kilo Mona, Armstrong
 - Shipyards: Revelle, FLIP
- Alvin : 123 dives
- FLIP: 0





2019 – The Year Ahead

ONR Research: 422 days on ARF, Porquios, and Healy

- Major projects: Indian Ocean, Western Pacific, Arctic, North Atlantic and Mediterranean
- ONR Research Vessels: 1,437 (Revelle – 86)
 - Inspections: Sally Ride (Mar) and Thompson (Jul)
 - Shipyards: Atlantis, Ride and Revelle (mid-life)
- Alvin: 55 dives
- FLIP: nothing planned at this time



Outlook

- FY19 Defense Appropriation
 - Signed and delivered 1 Oct 2018!
- Light at the End of the Tunnel
 - FY20 Research Facilities budget increase
- Task Force Oceanography
 - Ocean science funding increase