



USAP Marine Research Vessel Replacement Program



R/V Hero
1968 - 1984



R/V Polar Duke
1983 - 1997



RVIB Nathaniel B. Palmer &
ARSV Laurence M. Gould
1992 – 2022
1997 – 2020



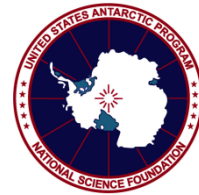
Current Operations

RVIB Nathaniel B Palmer – Built 1992

- Ice Breaking Research Vessel (3' of ice/ 3 knots speed)
- Hull draft prevents docking at Palmer Station
- Length: 308'
- Charter End Date: March 2022
- FY 17 Budget (Day Rate/Fuel & Consumables): \$15M / \$3M

ARSV Laurence M Gould – Built 1997

- Antarctic Research and Supply Vessel (Ice Strengthened)
- Supplies Palmer Station
- Length: 230'
- Charter End Date: July 2020
- FY 17 Budget (Day Rate/Fuel & Consumables): \$10M / \$2M



Replacement Program

Schedule:

- Refine Requirements with NSF – Q1FY18
- Industry Day - Q3FY18
- Solicitation Issue – Q1FY19
- Contract Award – Q4FY19



Replacement Program

Updates:

- Conducted Industry Interviews with various vessel operators, vessel designers and shipyards
- Hired Glosten Associates as technical consultant
- Developing cost estimates and procurement strategy for upcoming solicitation