

Woods Hole
Oceanographic
INSTITUTION



*RV ATLANTIS MID-LIFE
OVERHAUL*



MAJOR WORKS

- **NEW MAIN GENSETS** CAT 2-C32s 2-3516s EPA TIER 3
- **SIEMENS PROPULSION SOLUTION** AC MOTORS 690V ALTERNATORS SWITCHBOARDS SWITCHGEAR DRIVES TRANSFORMERS
- **ZF AZIMUTHING BOW THRUSTER** SIEMENS AC MOTOR
- **MARPOL UPGRADES** OWS SEWAGE BWTS
- **ACCOMODATION UPGRADES** LIGHTING OVERHEADS HVAC FIRE DETECTION NAV LIGHTS PROPULSION CONTROLS MAST MODS
- **PIPING RENEWALS** BALLAST FIREMAIN DRAINS
- **STRUCTURE** UTM #6 BW TANKS
- **FRESH WATER GENERATION UPGRADES**
- **OVERHAUL OF Z-DRIVES** 5 YR CYCLE
- **SCIENCE UPGRADES** EK80 UPGRADED DP SYS CABLING SERVER ROOM

TIMELINE

- RFP OUT 20 MAY 2019
- BIDDER CONFERENCE / SHIPCHECK / NEWPORT OR 30 MAY 2019
- BIDS DUE 23 JULY 2019
- WHOI INTERNAL / ONR REVIEW 24 JULY – 23 AUGUST
- AWARD TARGET 29 AUGUST 2019
- TRANSIT PANAMA CANAL EBOUND DECEMBER 2019
- GULF OPS CAYMAN JAN – MARCH 2020
- ALVIN OFF FOR 6500 M UPGRD / INITIAL STRIP SHIP APRIL 2020
- LONG LEAD TIME MATERIALS TARGET DELIVERY AT YARD MAY 2020
- DEPART WOODS HOLE 03 JUNE 2020
- ENTER YARD TARGET 10 JUNE 2020
- COMISSIONING TRIALS MAR /APRIL 2021
- DELIVERY MAY 2021
- ALVIN BACK ONBOARD TARGET JUNE 2021

LETTER OF INTEREST TO FOLLOWING YARDS

- 1. International Ship Repair – Tampa
- 2. Tampa Ship – Tampa – Chouest
- 3. Gulf Marine – Tampa – Hendry Marine
- 4. Eastern Shipbuilding – Panama City
- 5. VT Halter Marine – Pascagoula
- 6. Detyens – Charleston
- 7. Conrad Shipyard – Morgan City
- 8. Gulf Copper – Houston
- 9. Thoma-Sea Marine Construction – Lockport LA
- 10. Gulf Island Shipyards - Houma, LA – RCRV project
- 11. EPIC – Formally BAE Mobile
- 12. Vigor – Portland, OR
- 13. Bollinger – Lockport, LA - Chouest
- 14. Colonna's – Norfolk, VA
- 15. Bay Ship – Oakland, CA
- 16. BAE – Jacksonville, FL
- 17. Dakota Creek Industries Inc. – Anacortes, WA

MISC ELEMENTS

- LESSONS LEARNED
- OFE MANAGEMENT
- SPARES
- WARRANTIES
- CREW RETENTION
- CREW TRAINING
- LARS CERTIFICATION



RV TIOGA

- **Specifications**
- **Built: 2004**
Repowered: 2019
Length: 60 feet
Beam: 17 feet
Draft: 5 feet
Gross Tons: 53 T
Range: 400 NM



