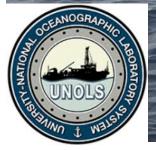
## Woods Hole, Ceanographic



# 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

٠	RFP OUT	20 M
•	BIDDER CONFERENCE / SHIPCHECK / NEWPORT OR	30 M
•	BIDS DUE	23 JU
•	WHOI INTERNAL / ONR REVIEW	24 JU
•	AWARD TARGET	29 Al
•	TRANSIT PANAMA CANAL EBOUND	DECE
•	GULF OPS CAYMAN	JAN -
•	ALVIN OFF FOR 6500 M UPGRD / INITIAL STRIP SHIP	APRI
•	LONG LEAD TIME MATERIALS TARGET DELIVERY AT YARD	
•	DEPART WOODS HOLE	03 JU
•	ENTER YARD TARGET	10 JU
•	COMISSIONING TRIALS	MAR
•	DELIVERY	MAY
•	ALVIN BACK ONBOARD TARGET	JUNE

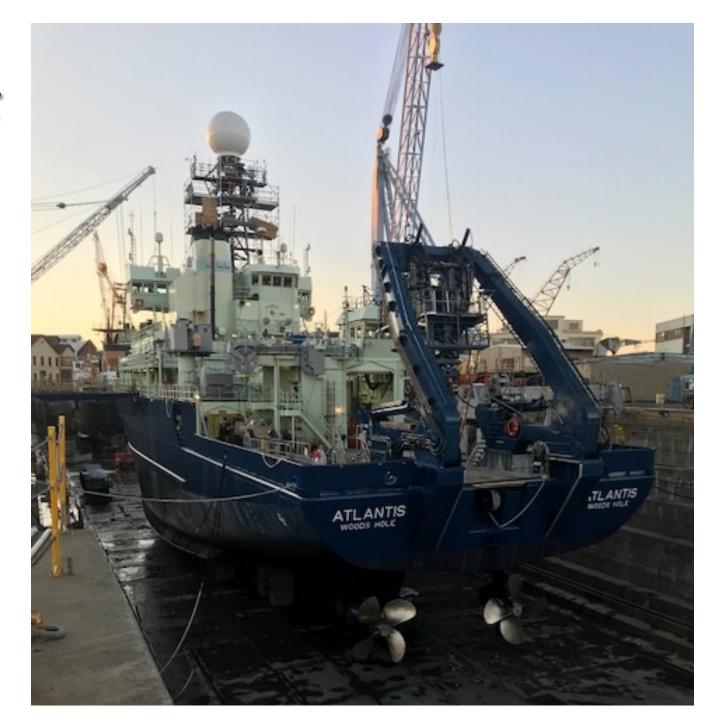
IAY 2019 IAY 2019 JLY 2019 JLY – 23 AUGUST UGUST 2019 EMBER 2019 - MARCH 2020 L 2020 MAY 2020 JNE 2020 JNE 2020 /APRIL 2021 2021 2021

#### 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



