



RV ATLANTIS MID-LIFE DeSSC UPDATE

10 JUNE 2021

TIMOTHY TWOMEY DIRECTOR OF SHIP OPERATIONS

Current Status: 96% Complete

Contract End Date 12 July 2021



WOODS HOLE
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Schedule

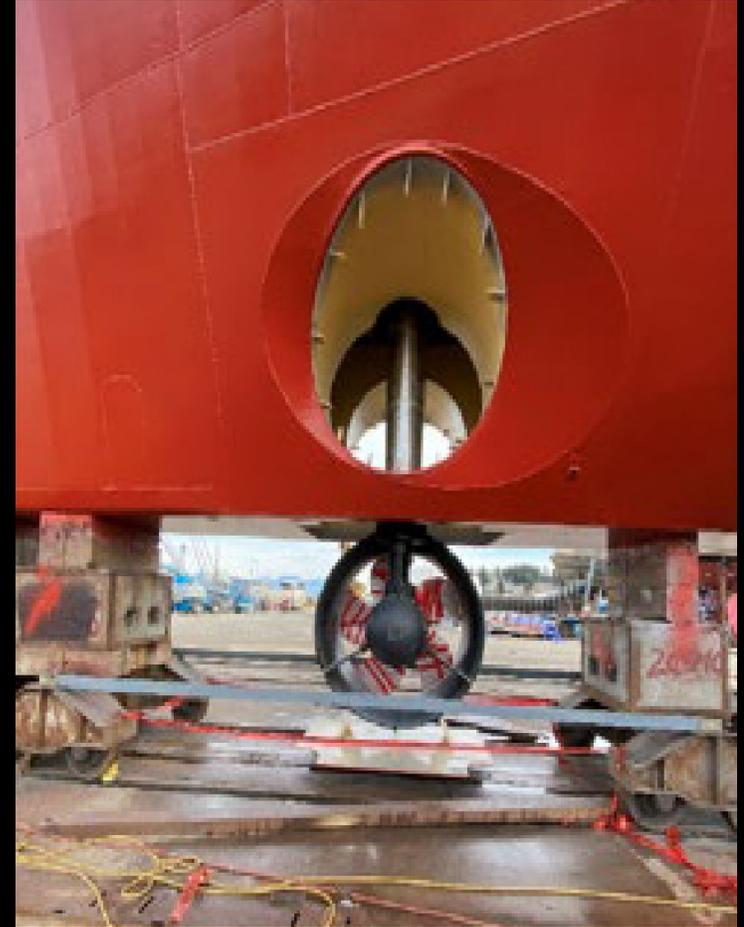
- Close to original schedule, planning underway @ 12 July
- In the weeks ahead: Alongside Trials followed by Sea Trials / DP System calibration
- Science Verification Cruise for 8 days after the yard ending in San Francisco then on to the Panama Canal and on to WHOI
- Arrive WHOI 2nd week in August
- ALVIN onload
- ONR Reception in Baltimore
- ALVIN Test Program
- Lots to complete prior to getting underway – Initial start ups and load testing all went well

System upgrades

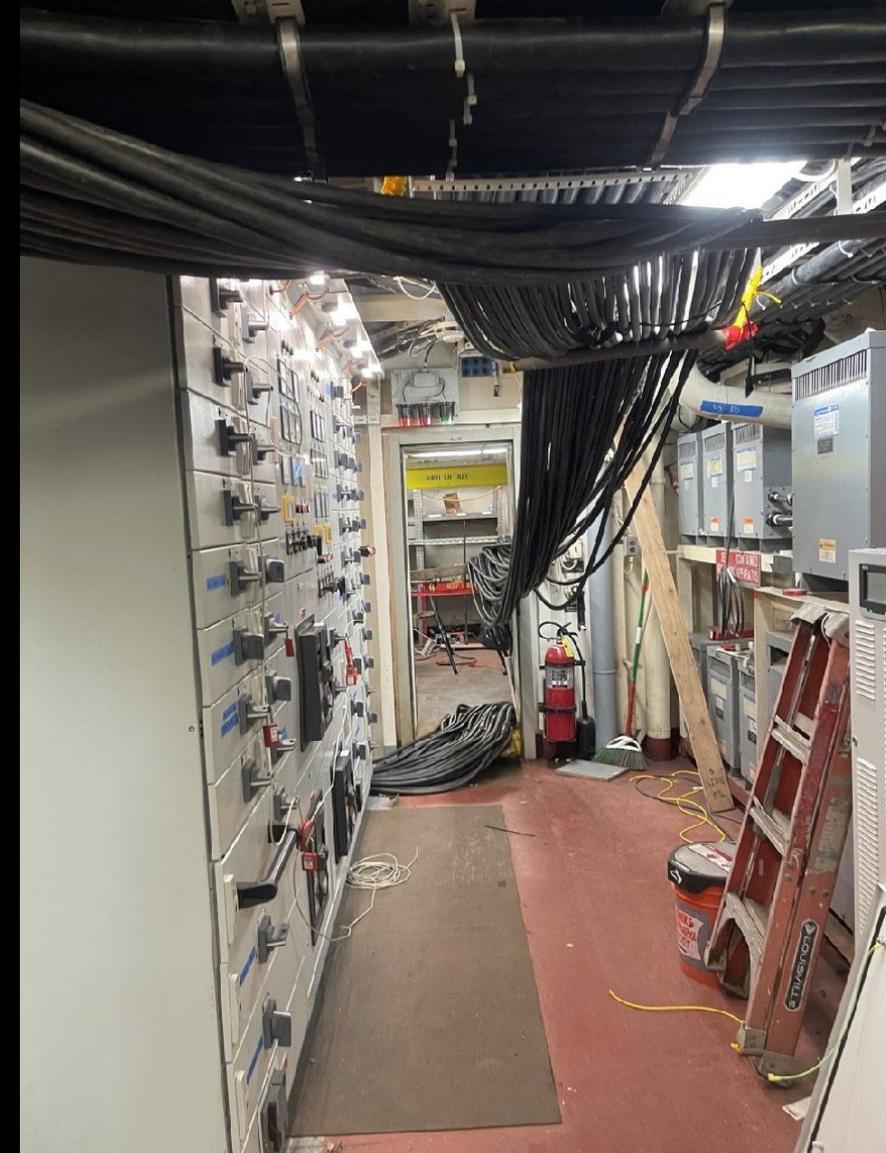
- Electrical verification checks of the new switchboards, new Bow Thruster and Propulsion I/O points completed. Load Bank tests of all new gensets completed.
- Atlantis will have a new Kongsberg EM124 transducer array online after the MLR. EK80 also has been upgraded.
- Full CAT7 shipwide backbone installed.
- Comms include a new C/KU full sky antenna top of mast and 2 KA Fleet express antennas P/S of the main mast for full time coverage of the sky.
- Many other upgrades with the MLR.
- Habitability improvements include all new overheads, lighting, full accommodation carpeting renewals in cabins and lounge spaces. All mattresses being replaced for added comfort of all hands. Galley equipment upgrades, reefers, HVAC system upgrades and renewals. All lab decks renewed.



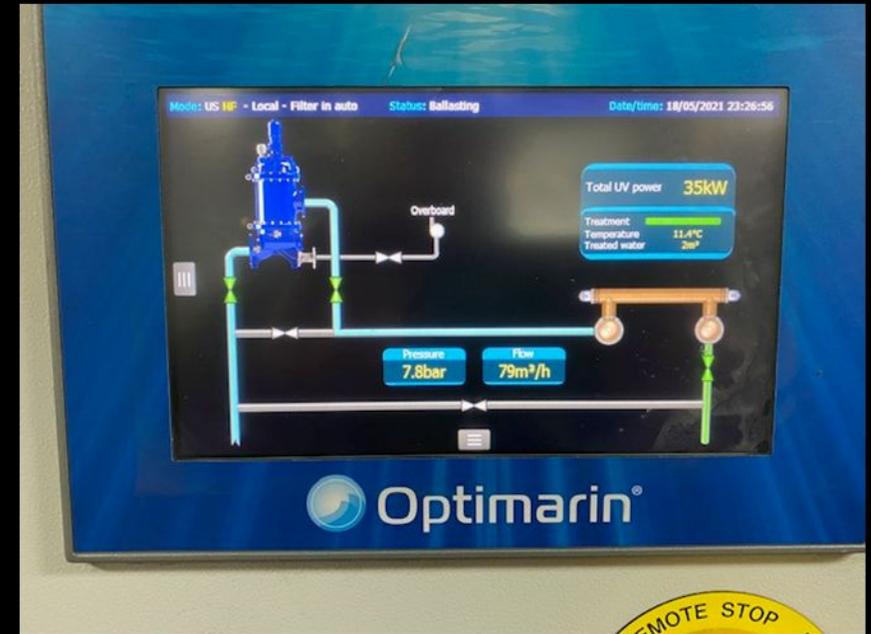










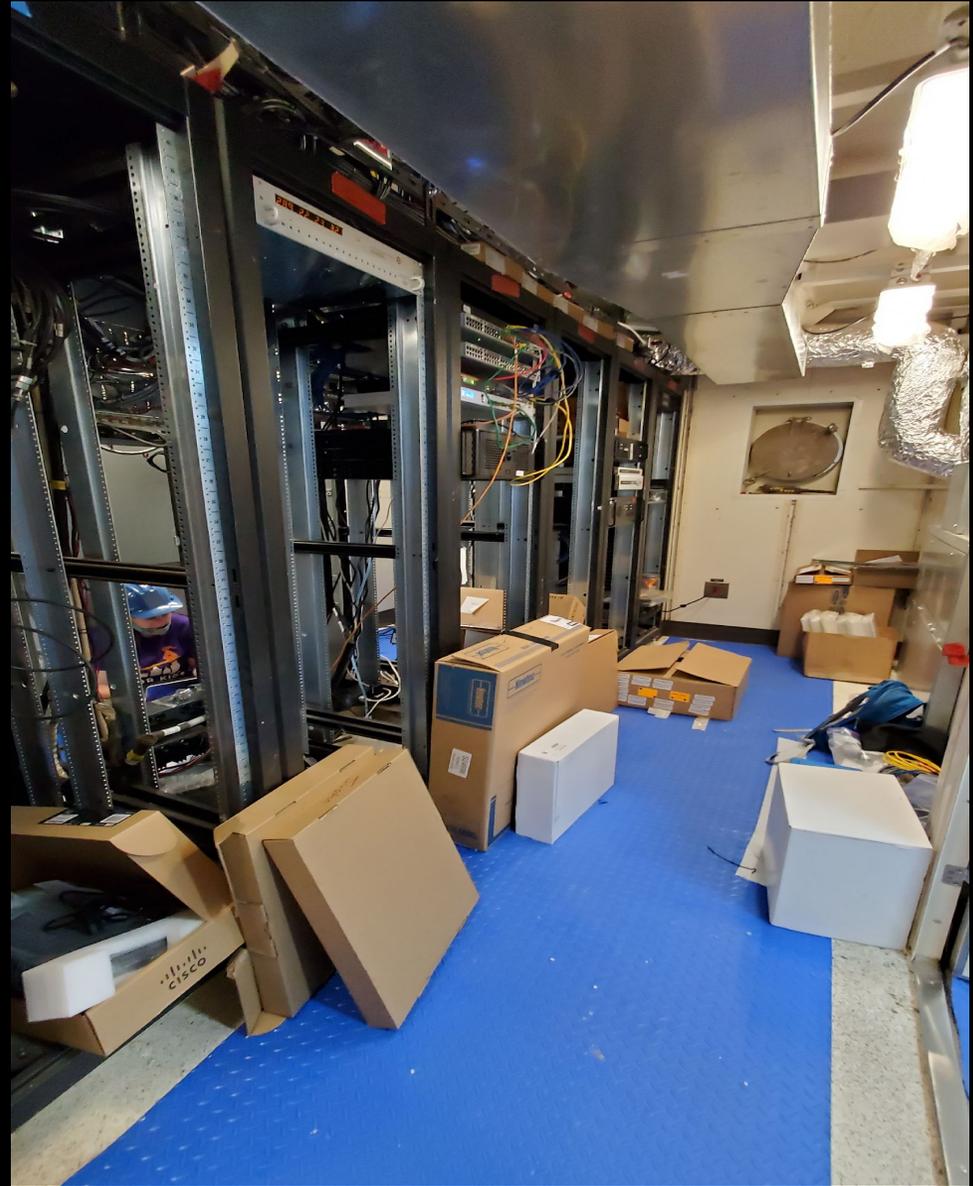












Habitability upgrades

HVAC systems, Galley Upgrades, Carpet throughout, USCG Mattresses, all heads refinished, Safety upgrades, decking, Fresh water piping, sewage system





