RV ATLANTIS MID-LIFE DESSC UPDATE

04 DECEMBER 2020
TIM TWOMEY    DIRECTOR OF SHIP OPERATIONS

Current Status: 42% Complete

Trials    2 May 2021    End Date 1 July 2021

209 DAYS TO GO!
ON THE BLOCKS – AUGUST 4TH
ON THE BLOCKS
DCI ALONGSIDE
ON THE BLOCKS

8 December 2020
BOW THRUSTER HULL CLOSING UP
MAIN LAB
Z-DRIVES
**SCIENCE CABLING**

- Full renewal of all computer racks and CAT 7 cabling install throughout the ship
- New IP phone system 100+ stations
  - New air con system for main computer rack area
  - New SAT antenna feeders
  - EM-124 replacing the EM-122
  - New Sonardyne USBL
  - Simrad EK-80 system
  - Furuno DS-60 speed log upgrade
- Lab bench renewals / upgrades
- Lighting and overheads throughout the labs
- Camera systems supported over CAT 7
BRIDGE WORKS

KONGSBERG DP SYS UPGRADE
NEW VHF
NEW WHISTLE CONTROLLER
NEW KYRO REPEATERS
NEW WIND BIRDS – ULTRASONIC
NEW ZDRIVE CONTROLS
SIEMENS SYSTEMS DISPLAYS
NAV LIGHTS UPGRADES – LED
GMDSS UPGRADES
ECDIS REMAINING
PA SYSTEM RENEWAL
FULL RESKINNING OF ALL CONSOLES AND FIDDLEBOARDS
NEW OVERHEADS AND LIGHTING
NEW DECKING

FULL WIRING INSPECTION – REMOVALS AND RENEWALS
SAT COMMS – NEW CBAND – 2 KA

NEW V240M C+KU BANDS
2 KA BAND ANTENNAS
FLEET XPRESS
FBB – KA BACKUP
CERTUS C-KU BACKDOOR
MAJOR ITEMS AHEAD

BOW THRUSTER HULL ENVELOPE – MOTOR INSTALL

ENGINE ROOM PIPING

HULL COATING

SIEMENS INTEGRATION

EXTENSIVE TESTING AND TRIALS

PLANNED END DATE 1 JULY 2020 – RETURN TO WHOI