



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



WOODS HOLE
OCEANOGRAPHIC
INSTITUTION

209 DAYS TO GO!

ON THE BLOCKS – AUGUST 4TH

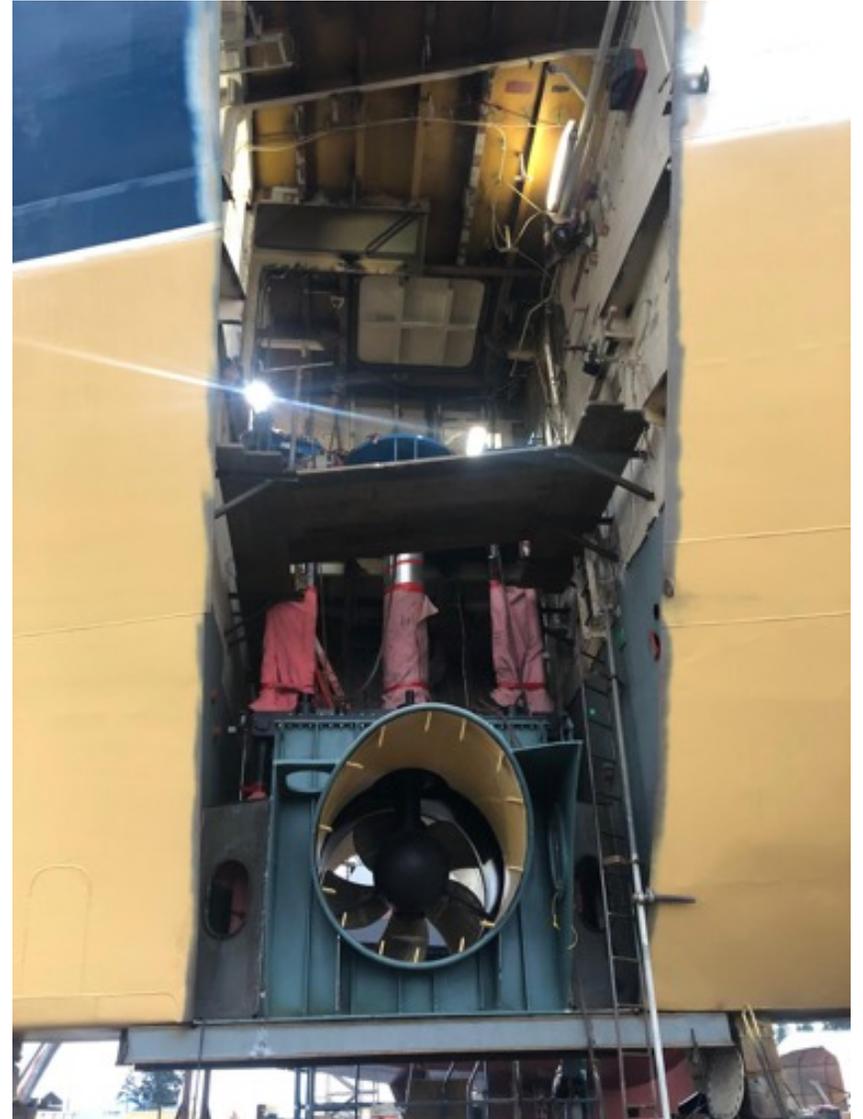


ON THE BLOCKS



DCI ALONGSIDE





ON THE BLOCKS

OCT 7



ON THE BLOCKS

OCT 7



BOW THRUSTER HULL CLOSING UP



MAIN LAB



LOWER ENGINE ROOM OCT 7



Z-DRIVES



Z-DRIVES



COMPUTER LAB

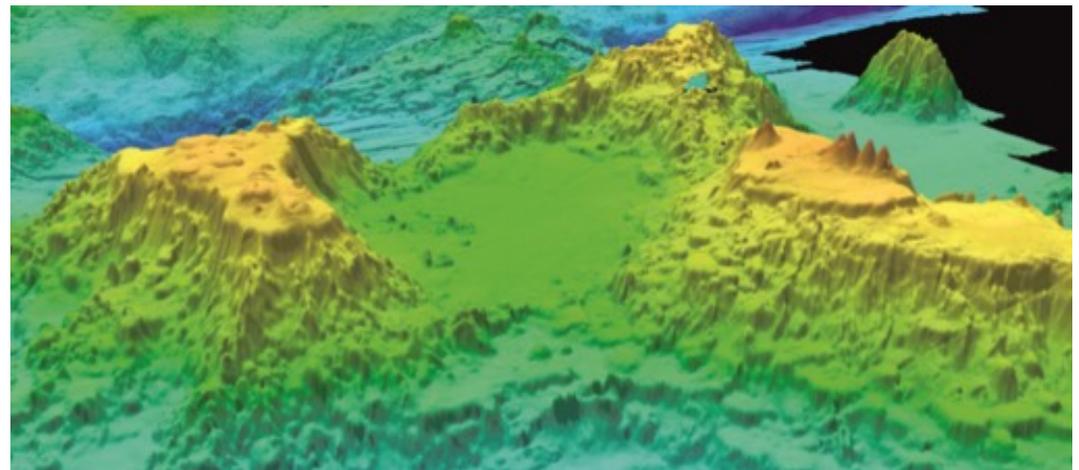


SCIENCE CABLING



- 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

SCIENCE EM-124



BRIDGE WORKS



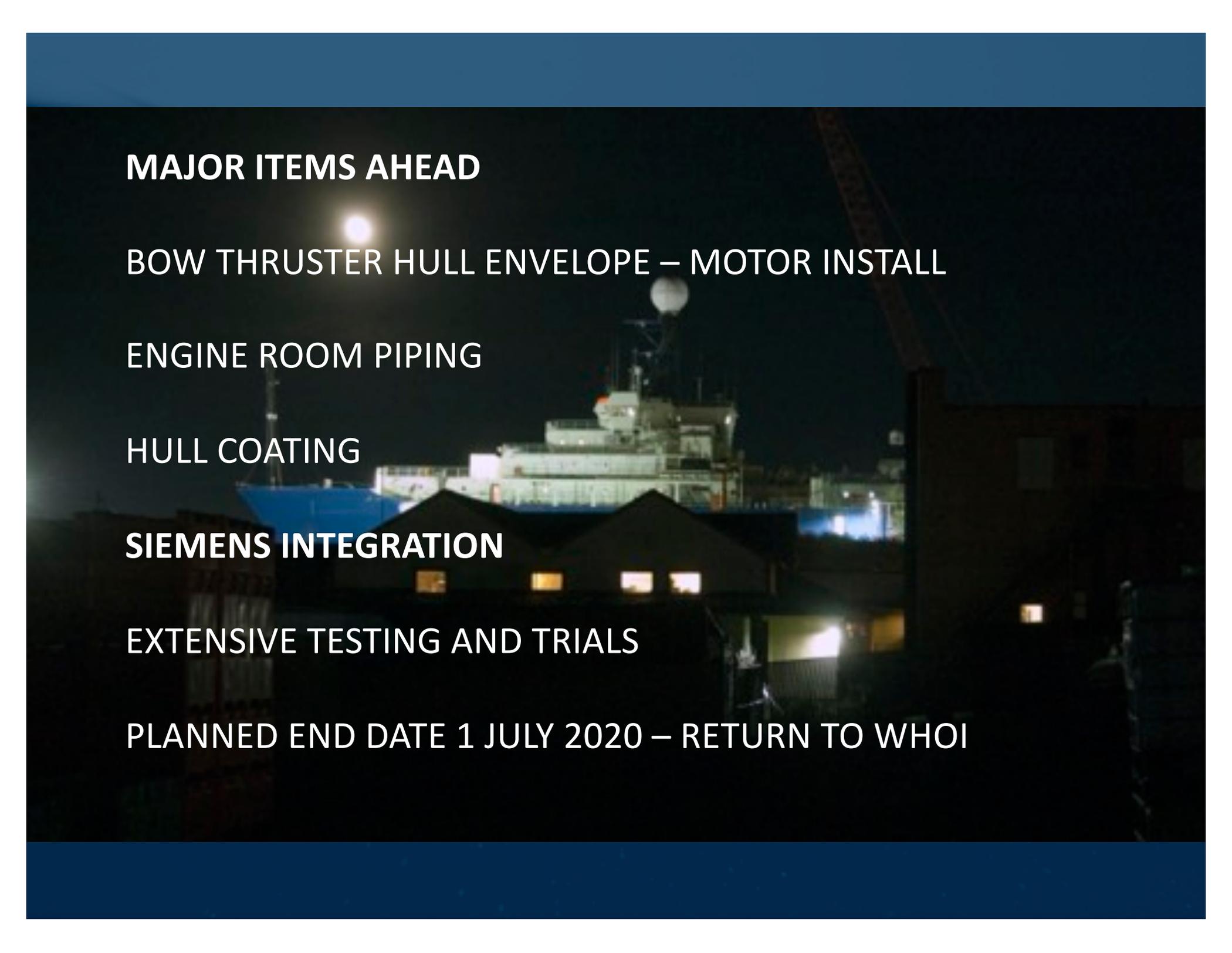
KONGSBERG DP SYS UPGRADE
NEW VHF_s
NEW WHISTLE CONTROLLER
NEW GYRO REPEATERS
NEW WIND BIRDS – ULTRASONIC
NEW ZDRIVE CONTROLS
SIEMENS SYSTEMS DISPLAYS
NAV LIGHTS UPGRADES – LED
GMDSS UPGRADES
ECDIS REMAINING
PA SYSTEM RENEWAL
FULL RESKINNING OF ALL CONSOLES
AND FIDDLEBOARDS
NEW OVERHEADS AND LIGHTING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