RV ATLANTIS
MID-LIFE REFIT
UPDATE 15 JULY 2020
TIMELINE

• COVID CANCELLATION OF ATLANTIS OPS 12 MARCH 2020
• ATLANTIS BACK AT WHOI 22 MARCH 2020
• ALVIN OFF FOR 6500 MTR UPGRADE 23 MARCH 2020
• CREW STRICT QUARANTINE STARTED 01 APRIL 2020
• DEPARTED WOODS HOLE 16 APRIL 2020
• ARRIVAL DCI Crew ashore 24 May 13 MAY 2020
• BROUGHT FWD CONTRACT START Original 7 July 29 MAY 2020
• BROUGHT FWD DOCKING Original 21 August 4 AUGUST 2020
• UNDOCK 26 MARCH 2021
• 2ND DOCKING 7 JUNE 2021
• DOCK AND SEA COMISSIONING TRIALS APRIL MAY JUNE 2021
• DELIVERY JULY 2021
• ALVIN BACK ONBOARD TARGET SEPT 2021
MAJOR WORKS  DAY 64 AT YARD

• 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  OPTIMARIN 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  CABLEING  SERVER ROOM
  EM124
MISC ELEMENTS

• REVELLE AND THOMPSON LESSONS LEARNED, HUGE THANKS TO SIO TEAM FROM JUST COMPLETED YARD PERIOD
• OFE MANAGEMENT
• SPARES
• WARRANTIES
• SITE TEAM
• CREW RETENTION
• CREW TRAINING
• LARS CERTIFICATION
MAIN LAB

SHIPS CONF RM LKG TO GALLEY
BT ROOM WORKS
NEW CHILLER FOUNDATIONS
SWITCHBOARD ROOM
BRIDGE
GALLEY
DRYDOCK – SET FOR AUGUST 4TH – 2 WKS AHD
NEW MAIN GENSETS
MAIN MOTOR REMOVALS
FUNNEL WORKS
LARS WORK PACKAGES

• 5 YR LOAD TEST
• GIMBAL FRAME REPLACEMENT
• SWINGING BEAM STRUCTURAL MOD
• HYDRAULIC HOSE REPLACEMENTS
• CATWALK REPAIRS
• HPU MOTOR REPLACEMENTS 600V Option Item
• NAVSEA RECERTIFICATIONS
CLOROX 360