**SURFACE LINE WEEK EVENT CHECKLIST**

**EVENT: 2M/MTR CHALLENGE**

**COMMAND SPONSORING EVENT** **EVENT COORDINATOR**

CNSL/NUWC DET FEO Mr. Scott Doherty

NUWC DET MTR Coordinator

[scott.doherty@navy.mil](mailto:scott.doherty@navy.mil)

757-469-9946

**EVENT LOCATION**

Entrant’s ship 2M Shop and MARMC Bldg CEP-200 2M lab.

**EVENT DESCRIPTION**

* Show your skills as a 2M/MTR technician and the ability to troubleshoot, repair and document a 2M repair.

**EVENT RULES**

* Utilizing a Pre-faulted Circuit Card Assembly (CCA) and CD containing the Gold Disk Test Routine, entrants will pick the package up from the MARMC 2M lab in Bldg CEP-200 on Monday 14 June, and will take the CCA back to the ship to demonstrate the diversity of the 2M/MTR skillset by utilizing the MTR system to troubleshoot and isolate the faulty component.
* Once the faulty component is identified, report back to the MARMC 2M lab to report the identification of the faulty component and, if correct, receive the new component for installation back at the ship.
* Upon completion of the repair, document the job in MTRTS, write to the provided CD and return the CCA and CD to the Bldg CEP-200 2M lab by 1500 Wednesday, 16 Jun 2021 in the original ESD packaging. Instructions will be provided to erase the job from MTRTS after completion.
* Timeframe: 48 hours.
* Judging will conducted by a NAVSEA 2M/MTR Certification Agent based on quality of the work, diversity of demonstrated skill sets as described in the Certification Criteria contained in the 2M Standards manual. Repairs will be visually (microscope) inspected.

Points will be given for:

* + Identify the correct faulty component. Value 10%
  + Uninstall and install the new component. Value 65%
  + Properly document the repair in MTRTS and return in appropriate ESD packaging. Value 25%

**EVENT SAFETY PLAN**

Follow all prescribed shipboard safety protocols and ESD protections.