



CNSL

READINESS STANDARDS GUIDE

ELECTRONIC WARFARE



CURRENT ISSUES

MK-36/53 DECOY LAUNCHING SYSTEM

Component:

- Issue: Frozen or inoperable locking clamp assemblies.
 - Complete 4741 Series M-6 MRC card. This calls for the application of proper lubrication of the locking clasp assemblies.



BEST PRACTICES

Best Practice NR1

- Complete the maintenance when scheduled.

REFERENCES

- 4741 Series MIP M-6 MRC Clean, Inspect and Lubricate Launcher Assembly.



CURRENT ISSUES

MK-36/53 DECOY LAUNCHING SYSTEM

Component:

- Issue: Standing water inside launcher tubes.
 - Utilize a pipe cleaner to clear obstruction/debris from blast holes located on base mount of the affected tube.



BEST PRACTICES

Best Practice NR1

- Utilize plastic caps to keep launcher tubes from becoming completely exposed to weather elements.

REFERENCES

- None.

CURRENT ISSUES

MK-36/53 DECOY LAUNCHING SYSTEM

Component:

- Issue: Water intrusion inside launcher junction boxes.
 - If not equipped with launcher junction box upgrade complete 4741 Series M-6 MRC card. This directs the proper installation of junction box gasket material and installation of desiccant material to absorb moisture inside junction box.



BEST PRACTICES

Best Practice NR1

- Complete the maintenance when scheduled.

REFERENCES

- 4741 Series MIP M-6 MRC Clean, Inspect and Lubricate Launcher Assembly.

CURRENT ISSUES

PASSIVE COUNTERMEASURES SYSTEM (PCMS)

Component:

- Issue: Missing caulking material between tiles.
 - Complete 4721 Series Q-1 MRC card. This calls for the inspection of PCMS materials.





BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when scheduled. Repair missing caulking between tiles utilizing MRC U-1 from the MRC deck.

REFERENCES

- 4721 Series MIP U-6 MRC Repair PCMS Tile Materials.

CURRENT ISSUES

PASSIVE COUNTERMEASURES SYSTEM (PCMS)

Component:

- Issue: Delinquency of Radar Cross Section (RCS) Test.
 - Complete 4721 Series 18M-1R MRC card. This calls for ships to conduct the Radar Cross Section Test. Coordinate test requests through ISIC/TYCOM.
 - Add pictures to illustrate, links to RSG web, etc.

BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when scheduled IAW MRC. Utilizing MRC 18M-1R from the MRC deck.

REFERENCES

- 4721 Series MIP 18M-1R MRC Conduct Radar Cross Section Test.

CURRENT ISSUES

PASSIVE COUNTERMEASURES SYSTEM (PCMS)

Component:

- Issue: Delinquency in reporting 4721 Q-1 MRC completion.
 - In accordance with MRC 4721 Q-1, ships are to report Q-1 completion and scoring data to the appropriate authorities.
 - Add pictures to illustrate, links to RSG web, etc.



BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when scheduled. Follow the direction stated in the PMS card and submit completion and scoring data to the appropriate authorities.

REFERENCES

- 4721 Series MIP Q-1 MRC Inspect PCMS Materials.

CURRENT ISSUES

AN/SLQ-32 COUNTERMEASURES SET

Component:

- Issue: High failure of ULM-4 Range runs due to equipment not set up IAW PMS Card.
 - Follow PMS Card 4721 Series S-4R/S-2R and make appropriate online library entries and set up the Display Control Console (DCC), or Improved Control and Display (ICAD) console for correct range run procedures.
 - Add pictures to illustrate, links to RSG web, etc.

BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when scheduled. Follow the directions stated in the PMS card.

REFERENCES

- 4721 Series MIP S-4R/S-2R MRC Perform ULM-4 SESEF Range Test (Active and Passive).

CURRENT ISSUES

AN/SLQ-32 COUNTERMEASURES SET

Component:

- Issue: SLQ-32 antennas not terminated and foiled while inport.
 - Follow PMS Card 4721 Series R-13 and install the inport EMI measures. This MRC check not being completed while inport leads to equipment degradation and causes erroneous faults to display during maintenance checks.
 - Add pictures to illustrate, links to RSG web, etc.



BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when entering port. Follow the directions stated in the PMS card.

REFERENCES

4721 Series MIP R-13 MRC Install Band 2/3 EMI Measures.

CURRENT ISSUES

AN/SLQ-32 COUNTERMEASURES SET

Component:

- Issue: Delinquency in completion of Radio Frequency Isolation Self Test (RFIST) PMS procedures.
 - Follow PMS Card 4721 Series 24M-4R and complete RFIST. This MRC check is detrimental in the ship receiving the proper software load for maximum system functionality.
 - Add pictures to illustrate, links to RSG web, etc.

BEST PRACTICES

Best Practice NR₁

- Complete the maintenance when scheduled. Follow the directions stated in the PMS card.

REFERENCES

4721 Series MIP 24M-4R MRC Perform Radio Frequency Isolation Self Test (RFIST).

CURRENT ISSUES

AN/SLQ-32 COUNTERMEASURES SET

Component:

- Issue: Ships not having proper, or adequate, test equipment to conduct Preventative or Corrective maintenance on system.
 - Follow the equipment list that is located in the AN/SLQ-32 Ship Portable Electrical/Electronic Test Equipment Requirements (SPETEREL). This equipment is required for proper maintenance and upkeep of the SLQ-32.
 - Add pictures to illustrate, links to RSG web, etc.



BEST PRACTICES

Best Practice NR1

- Ensure the ship's test equipment custodian is following the SPETRL and has the appropriate test equipment onboard.

REFERENCES

4721 Series MIP and SPETEREL.