

15 October 2021

SERMC CODE: 900

Waterfront Maintenance Note Number 6

**Miniature/Micro-Miniature (2M) Electronic Assembly Repair Utilization**

Ref: (a) COMFLTFORCOMINST 4790.3 (JFMM)  
(b) NAVSUP P485 Afloat Supply Procedures

Encl: (1) RMC 2M Support Request

1. Purpose: To establish procedures for requesting SERMC Miniature/Micro Miniature (2M) Electronic Assembly Repair.
2. Background: Virtually all Combat Systems and Engineering Plant equipment are listed in the Gold Disk database, which gives SERMC Code 953 the capability of repairing over 109,000 types of electronic modules and Circuit Card Assemblies (CCAs). 2M utilization is a "Front-line strategy" in cost avoidance, a top priority for the US Navy. Ship's force should aggressively submit all CCAs beyond ship's force repair capability to SERMC for repair.
3. Procedure:
  - a. Ships screen all CCAs IAW shipboard 2M program IAW Ref (b). CCAs beyond economical repair must be submitted to SERMC Code 953 with the screening form.
  - b. IAW Ref (b) Disposal at the shipboard level is not authorized for 3h and 3b cogs. If initial repair is unsuccessful, the SPY Phase Shift Driver (PSD) NIINs 01-555-8770 and 01-258-4223, must be turned in to the local RMC/IMA for repair and/or disposal.
  - c. The ships EMO will be the single Point of Contact (P.O.C.) for all 2M work submitted to SERMC. The ships EMO must complete and sign Section 2 of the RMC 2M Support Request (Encl. 1) prior to submitting any component to SERMC for repair.
  - d. Automatic Test Equipment (ATE) used at SERMC to troubleshoot failed CCAs is based on previously programmed data (Gold Disk Database). If no Gold Disk Database exists for the failed CCA, a known good card will be required to create a new database for that specific card. Once a database is created, future repairs to that type card will be possible using the Gold Disk Database.
  - e. In order to minimize electrostatic discharge (ESD) damage to CCAs, proper handling procedures shall be followed to include transporting the items in ESD safe containers IAW Ref (a).
4. Point of Contact: For specific questions concerning SERMC capabilities, contact SERMC Mayport Code 953 at 904-270-5126 x3059, x3977, x5856 or x3115.



# SERMC 2M SUPPORT REQUEST

SERMC\_MYPT\_2M@NAVY.MIL • 904-270-5126x3059

FOR SERMC USE  
 TRACKER  
 TRACKER

<b>CUSTOMER SUPPORTING INFORMATION</b>				<b>DATE OF REQUEST:</b> _____	
COMMAND _____	ISS / HOLE NUMBER _____	SYSTEM _____	EQUIPMENT NUMBER _____		
PHONE _____		APL _____	EQUIPMENT APL _____		
POC _____	TITLE / PRINT _____	ASSY NAME _____	COA NUMBER _____		
EMAIL _____	ISS _____	ASSY NSN _____	625-100-00-0000	COG _____	
JCN _____	ISS - WORK CENTER - ASSY SERIAL _____	ASSY PART # _____	SERIAL _____		
		TURN-IN COST _____	EXTENDED PRICE _____		
<b>SHIPBOARD 2M/MTR SUPPORT DATA</b>					
<b>JOB BRIEF / FAULTY INDICATION:</b> _____ <small>DESCRIPTION OF WHAT WORK NEEDS TO BE DONE AND FAULT SYMPTOMS</small>					
LEVELS OF TROUBLESHOOTING COMPLETED: <input type="checkbox"/> VISUAL <input type="checkbox"/> MTR <input type="checkbox"/> 2M <b>NOTE:</b> _____					
GOLD DISK SUPPORTED <input type="checkbox"/> NO <input type="checkbox"/> YES		ROUTINE ID: _____		AVAILABLE TROUBLESHOOTING AIDS ATTACHED <input type="checkbox"/>	
TROUBLESHOOTING PERFORMED BY: _____					
<b>EMO AUTHORIZATION - CASREP AND REQUEST PRIORITY</b>					
REPAIR WILL AVERT CASREP? <input type="checkbox"/>	YES <input type="checkbox"/>	REPAIR REQUIRED BY DATE: _____	CASREP CAT _____	DTG: DATE TIME GROUP _____	
EMO PRINT _____		EMO SIGN _____		DATE _____	

>>>>> FILL OUT FIELDS ABOVE COMPLETELY, INCOMPLETE REQUESTS WILL NOT BE ACCEPTED <<<<<<

<b>RMC SUPPORT LOG</b>				<b>LEAD WORK CENTER 953</b>	
<b>DROP-OFF</b>					
DELIVERED BY (S/F) _____	TITLE / PRINT _____	DATE _____	RECEIVED BY (RMC) _____	TITLE / PRINT _____	DATE _____
<b>SCREENING</b>					
TROUBLESHOOTING COMPLETED: <input type="checkbox"/> VISUAL <input type="checkbox"/> MTR <input type="checkbox"/> 2M		GOLD DISK SUPPORTED <input type="checkbox"/> NO <input type="checkbox"/> YES		ROUTINE ID: _____	
TROUBLESHOOTING COMPLETE <input type="checkbox"/> YES <input type="checkbox"/> NO		*REASON NOTED IN COMMENTS _____		REPAIRS COMPLETE <input type="checkbox"/> YES <input type="checkbox"/> NO	
COMMENTS: _____					
					ADDITIONAL COMMENTS AND/OR PARTS ADDENDUM ATTACHED <input type="checkbox"/>
TITLE / PRINT _____		MAN HOURS _____		TITLE / SIGN _____	
WORK PERFORMED BY _____		T/S _____	2M _____	INSPECTED BY _____	
WORK PERFORMED: _____					
<b>PICK-UP</b>					
TITLE / PRINT _____	SIGN _____	TITLE / PRINT _____	SIGN _____	DATE _____	
RMC REPRESENTATIVE _____			RECEIVED BY (S/F) _____		



# SERMC 2M SUPPORT REQUEST

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RMC SUPPORT LOG (CONTINUED)					LEAD WORK CENTER 953			
RSN	PART #	COG	NSN	COST	COMPONENT STATUS			
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
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					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> OH	<input type="checkbox"/> INS
COMMENTS:								