

1 Nov 2015

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**, LCPO x3977, DIVO x5856 or PRODUCTION MGR x3115.



SERMC 2M SUPPORT REQUEST

SERMC_MYPT_2M@NAVY.MIL • 904-270-5126x3059

FOR SERMC USE
SERMC TRACKER
MTR TRACKER

CUSTOMER SUPPORTING INFORMATION			DATE OF REQUEST		DATE
COMMAND	USS / HULL NUMBER	SYSTEM	EQUIPMENT NOMEN		
PHONE		APL	EQUIPMENT APL		
POC	TITLE / PRINT	ASSY NAME	CCA NOMEN		
EMAIL	.MIL	ASSY NSN	0000-00-000-0000	COG	
JCN	UIC - WORK CENTER - JOB SERIAL	ASSY PART #	SERIAL		
		TURN-IN COST	EXTENDED PRICE		
SHIPBOARD 2M/MTR SUPPORT DATA					
JOB BRIEF / FAULTY INDICATION: DESCRIPTION OF WHAT WORK NEEDS TO BE DONE AND FAULT SYMPTOMS					
LEVELS OF TROUBLESHOOTING COMPLETED: <input type="checkbox"/> VISUAL <input type="checkbox"/> MTR <input type="checkbox"/> 2M NOTE: BACKLOG, TIME INHIBITED OR OTHER CIRCUMSTANCE					
GOLD DISK SUPPORTED <input type="checkbox"/> NO <input type="checkbox"/> YES		ROUTINE ID :		AVAILABLE TROUBLESHOOTING AIDS ATTACHED <input type="checkbox"/>	
TROUBLESHOOTING PERFORMED BY: TITLE / PRINT					
EMO AUTHORIZATION - CASREP AND REQUEST PRIORITY					
REPAIR WILL AVERT CASREP?	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 <<<<<<

RMC SUPPORT LOG			LEAD WORK CENTER 953		
DROP-OFF					
DELIVERED BY (S/F)	TITLE / PRINT	DATE	RECEIVED BY (RMC)	TITLE / PRINT	DATE
SCREENING					
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*		*REASON NOTED IN COMMENTS
COMMENTS:					
					ADDITIONAL COMMENTS AND/OR PARTS ADDENDUM ATTACHED <input type="checkbox"/>
TITLE / PRINT		MAN HOURS		TITLE / SIGN	
		T/S	2M		
WORK PERFORMED BY		INSPECTED BY			
WORK PERFORMED:					
PICK-UP					
TITLE / PRINT		SIGN		DATE	
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"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> INS
					<input type="checkbox"/> ORD	<input type="checkbox"/> RCV	<input type="checkbox"/> INS
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COMMENTS:							
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