

Litton

Data Systems

Failure & Maintenance Report

TD#17 VHF RADIO REPLACEMENT DEMO

FMR No. 80010

1 Test Environment				2 Reporting Facility AGST				5 Date of Entry		01/08/2001					
Ambient		<input checked="" type="checkbox"/>		Shock				3 Elapsed Time Indic. Read'g		4 Related FMR(s)					
Vibration				Humidity				6 Program Name		OCU PROD					
Temp		Hi <input type="checkbox"/> Low <input type="checkbox"/>		Other Describe)				7 System Ident.		TAOM					
								8 Subsystem Ident.		OCU WS					
		Name of Failed Item and Higher Using Assv and Unit				Part Number		Serial Number		Replacement Serial Number					
Unit		9 TAOM (AN/TYQ-23(V)4) #M11				10 295700-101		11 A28/M11		12					
Assembly		14 OCU WS #3				15 296400-0100		16 A56/A117		17					
Subassembly		19				20		21		22					
24 Equipment Operation Restored				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				25 Operator GARV D DUFFY				26 Date Repair Complete			
27 Failure Indication DURING THE CONDUCT OF THE RECENT OCU UPGRADE PROGRAM TECHNICAL DIRECTION (TD)#17, VHF RADIO REPLACEMENT DEMONSTRATION, CONDUCTED USING OCU UPGRADE PROGRAM SYSTEM SOFTWARE (S/W) BUILD T3.1.12 IN TAOM#M11, IT WAS OBSERVED THAT OCU WS#3 LOST THE ESTABLISHED ETHERNET CONNECTION TO SSU#2, WENT OFF-LINE, AND THEN WENT INTO AN AUTOMATIC RESET CONDITION. OCU WS#3 EVENTUALLY RE-CONNECTED BACK TO SSU#1 IN TAOM#M11. THIS EVENT OCCURRED DURING THE CONDUCT OF THE TD#17 DEMONSTRATION TOWARD THE END OF THE DEMO, WHILE PERFORMING REMOTE RADAR CHECKOUT WITH VHF#2 RADIO. OCU WS#3 WAS NOT IN USE BY TEST OPERATORS. NOTE: EXAMINATION OF THE OCU WS LOGS REVEALED NO POSSIBLE EXPLANATION FOR THE ETHERNET DISCONNECTION TO HAVE OCCURRED.															
28 Failed During		29 Test Level						30 Fault Isolation and Active Repair Time							
Initial Power Application		Preconditioning		Qualification Test		Field (Litton)		Isolate Fault		Men		Minutes			
Normal Operation		<input checked="" type="checkbox"/>		Unit Test		Reliability		Field (Customer)		1		060			
Maintenance				Pre-Establishment		Maintainability		Other (Specify)		Replace/Repair					
Other (Specify)				System Test		<input checked="" type="checkbox"/>		Acceptance		Total Minutes					
Verification				31 FMR Blocks 1-30 Completed and Accurate						Name or Stamp					
32 Part Number Removed		33 Removed S/N or Date Code		34 Ref Desg.		35 Mfg of Part Removed		36 RDT Number		37 Defect Code		38 Part Replaced Fix Problem		39 Notes	
												Yes		No	
40 Rework Notes:															
41 Rework/Retest Personnel				42 Date Repair Complete				43 Isolate/Repair Time				Men Minutes			
Verification				44 FMR Blocks 32-43 Complete and Accurate						Name or Stamp					
45 Reliability Analysis Notes:															

(Note: This is a PC-generated facsimile of form 3-0709 R8)