

TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE MANUAL:
COMMUNICATIONS EQUIPMENT MAINTENANCE**

GUIDED MISSILE

AIR DEFENSE SYSTEM

AN/TSQ-73

**This copy is a reprint which includes current
pages from Changes 1 Through 9.**

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TABLE OF CONTENTS

Chapter		Page
	LIST OF ILLUSTRATIONS	iv
	LIST OF TABLES.....	v
1	INTRODUCTION	1-1
	Section I. GENERAL.....	1-1
	1-1. Scope.....	1-1
	1-2. Forms, Records, and Reports	1-1
	1-3. Destruction of Army Materiel to Prevent Enemy Use	1-1
	1-4. Reporting Equipment Publications Improvements.....	1-1
	1-5. References	1-1
	1-6. Abbreviations	1-1
	1-7. Official Nomenclature	1-1
	Section II. DESCRIPTION AND DATA	1-4
	1-8. General.....	1-4
	1-9. Voice Communication Equipment Description	1-4
	1-10. Data Communication Equipment Description	1-7
	1-11. MSE/ADI Description	1-10
2	THEORY OF OPERATION.....	2-1
	Section I. OVERALL THEORY OF OPERATION	2-1
	2-1. Scope.....	2-1
	2-2. Functional Description	2-1
	Section II. VOICE COMMUNICATION EQUIPMENT THEORY OF OPERATION.....	2-2
	2-3. General	2-2
	2-4. Overall Functional Description.....	2-2
	2-5. Voice Communications Station (VCS) Functional Description	2-3
	2-6. Digital Communications Circuitry Functional Description	2-3
	2-7. Analog Communications Circuitry Functional Description.....	2-4
	2-8. Voice Communications Central (VCC) Functional Description.....	2-4
	2-9. Net Communications Functional Description.....	2-9
	2-9.1 MSE Net Communications Functional Description	2-9

TABLE OF CONTENTS-Continued

Chapter		Page
	Section III. DATA COMMUNICATION EQUIPMENT THEORY OF OPERATION	2-12
	2-10. General	2-12
	2-11. Data Communication Equipment Functional Description	2-12
	2-12. Timing Circuit Functional Description	2-12
	2-13. Interim Battery Data Link (IBDL) Functional Description	2-12
	Section IV. COMMUNICATIONS PATCHING PANEL THEORY OF OPERATION	2-15
	2-14. General	2-15
	2-15. Communications Patching Panel Functional Description	2-15
	Section V. MSE/ADI THEORY OF OPERATION	2-17
	2-16. General	2-17
	2-17. Analog-to-Digital Converter	2-17
	2-18. Operator Interface	2-17
	2-19. Secure Line Termination Unit	2-17
3	COMPONENT LOCATION, FAULT ISOLATION, AND TROUBLESHOOTING	3-1
	Section I. GENERAL	3-1
	3-1. Scope	3-1
	3-2. Emergency Power Shutdown	3-1
	3-3. Normal Shutdown Procedure	3-1
	3-4. Tools and Test Equipment	3-1
	3-5. Preventive Maintenance Procedures	3-1
	3-6. Alinements and Adjustments	3-1
	Section II. COMPONENT LOCATION	3-2
	3-7. General	3-2
	3-8. Reference Designators	3-2
	3-9. Circuit Card Description	3-2
	3-10. Circuit Card Color Coding	3-3
	3-11. Communications Equipment Component Location	3-3
	Section III. FAULT ISOLATION AND TROUBLESHOOTING	3-36
	3-12. General	3-36
	3-13. Procedural Guidelines	3-36
	3-14. Standard Troubleshooting Procedures	3-36
	3-15. Unit Fault Isolation Flow Charts	3-36
4	REMOVAL AND REPLACEMENT PROCEDURES, AND CABLING/WIRING DIAGRAMS	4-1
	Section I. REMOVAL AND REPLACEMENT PROCEDURES	4-1
	4-1. Scope	4-1
	4-2. Lens Assembly and Panel Indicator Lamp Removal and Replacement	4-1
	4-3. Indicator Switch Lamp Removal and Replacement	4-2
	4-4. Indicator Switch Mechanism Removal and Replacement	4-2
	4-5. Thumbwheel Switch Removal and Replacement	4-3
	4-6. Rotary Switch Removal and Replacement	4-3

TABLE OF CONTENTS-Continued

Chapter		Page
4-7.	Toggle Switch Removal and Replacement.....	4-6
4-8.	Toggle Switch (Lever Lock), Removal and Replacement.....	4-7
4-9.	Circuit Breaker (Toggle Type) Removal and Replacement.....	4-8
4-10.	Communications Patching Panel Jack Assembly Removal and Replacement.....	4-8
4-11.	Communications Filter/Arrestor Assembly Removal and Replacement.....	4-8
4-12.	DC/DC Converter Power Supply Removal and Replacement.....	4-10
4-13.	Card Retainer Removal and Replacement.....	4-10
4-14.	Application of Color Disks to Card Retainers.....	4-10
4-15.	Modem Card Cage Assembly 1A1A2A5 and Modem and Expansion Card Cage Assembly 1A1A2A7 Removal and Replacement.....	4-10
4-16.	Circuit Card Assembly Removal and Replacement.....	4-12
4-17.	Data Communications Card Cage Assembly 1A1A2A6 Removal and Replacement.....	4-12
4-18.	Communications Patching Panel 1A3A40 Removal and Replacement.....	4-12
4-19.	Voice Communications Central (VCC) Unit 1A3A41 Removal and Replacement.....	4-14
4-20.	Voice Communications Central (VCC) Control Panel 1A3A41A1 Removal and Replacement.....	4-14
4-21.	Voice Communications Central (VCC) Card Cage Assembly 1A3A41A2 Removal and Replacement.....	4-15
4-22.	20 Hz Bell Ringer Power Source PS3 Removal and Replacement.....	4-15
4-23.	Voice Communications Station 1A5A3A3, 1A6A3A3, 1A9 and 1A10 Removal and Replacement.....	4-16
4-23.1	Voice Communications Stations 1A5A3A3, 1A6A3A3, 1A9, and 1A10 Front Panel Removal and Replacement.....	4-16
4-23.2.	Voice Communications Stations 1A5A3A3, 1A6A3A3, 1A9, and 1A10 Keyboard Assembly S1 Removal and Replacement.....	4-16.2
4-24.	Electrical Filter Assembly 1A3A43 and 1A3A44 Removal and Replacement.....	4-16.2
Section II.	CABLING AND WIRING DIAGRAMS.....	4-17
4-25.	General.....	4-17
4-26.	Cabling.....	4-17
4-27.	Wire List Reference.....	4-17
Appendix		
A	LIST OF ABBREVIATIONS.....	A-1
INDEX.....		Index 1

LIST OF ILLUSTRATIONS

Figure	Title	Page
1-1.	Communications Equipment	1-2
1-2.	Communications Equipment, Major Units and Assemblies	1-5
1-3.	Voice Communications Directory	1-7
2-1.	Communications Equipment, Block Diagram	2-1
2-2.	Voice Communications Equipment, Block Diagram	2-2
2-3.	Voice Communications Station, Block Diagram	2-5
2-4.	Voice Communications Central, Block Diagram	2-7
2-5.	Voice Communications Voice Time Slots	2-10
2-6.	Data Communications Equipment, Block Diagram	2-13
2-7.	Communications Patching Panel	2-16
2-8.	MSE/ADI, Block Diagram	2-18
3-1.	Typical Digital Circuit Card	3-4
3-2.	Typical Analog Circuit Card	3-5
3-3.	Circuit Card Color Codes	3-5
3-4.	Data Communications Control Panel 1A1A2A2, Component Location	3-6
3-5.	Modem Card Cage Assembly 1A1A2A5, Component Location	3-8
3-6.	Data Communications Card Cage Assembly 1A1A2A6, Component Location	3-13
3-7.	Modem and Expansion Card Cage Assembly 1A1A2A7, Component Location	3-15
3-8.	Voice Communications Central Cabinet 1A3, Component Location	3-21
3-9.	Communications Patching Panel 1A3A40 Component Location	3-23
3-10.	Voice Communications Central Unit 1A3A41, Component Location	3-25
3-11.	Voice Communications Central Control Panel 1A3A41A1, Component Location	3-26
3-12.	Voice Communications Card Cage Assembly 1A3A41A2, Component Location	3-27
3-13.	Voice Communications Stations 1A5A3A3, 1A6A3A3, 1A9, and 1A10 Component Location	3-34
3-14.	AN/TSQ-73 Troubleshooting Sequence	3-38
3-15.	Data Communications, Fault Isolation Flow Chart	3-39
3-16.	Data Communications, Modem Locations	3-60
3-17.	Voice Communications Central, Fault Isolation Flow Chart	3-64
3-18.	MSE/ADI, Fault Isolation Flow Chart	3-113
4-1.	Panel Indicator Lamp, Removal and Replacement	4-1
4-2.	Indicator Switch Removal and Replacement	4-2
4-3.	Thumbwheel Switch, Removal and Replacement	4-4
4-4.	Rotary Switch, Removal and Replacement	4-5
4-5.	Toggle Switch Removal and Replacement	4-6
4-6.	Toggle Switch (Lever Lock) Removal and Replacement	4-7
4-7.	Circuit Breaker (Toggle Type), Removal and Replacement	4-9
4-8.	Communications Patching Panel Jack Assembly Removal and Replacement	4-9
4-9.	Communications Filter/Arrestor Assembly Removal and Replacement	4-9
4-10.	Modem Card Cage Assembly 1A1A2A5 and Modem and Expansion Card Cage Assembly 1A1A2A7, Removal and Replacement	4-11
4-11.	Circuit Card Assembly Removal and Replacement	4-13
4-12.	Data Communications Card Cage Assembly 1A1A2A6, Removal and Replacement	4-13
4-12.1.	Keyboard Assembly S1 Removal and Replacement	4-16.1
4-13.	Communications Equipment Interconnection Diagram	4-19

LIST OF TABLES

Figure	Title	Page
1-1.	AN/TSQ-73 Official Nomenclature	1-3
1-2.	Voice Communication Equipment Performance Characteristics	1-8
1-3.	Data Communication Equipment Performance Characteristics	1-9
1-4.	MSE/ADI Performance Characteristics	1-10
3-1.	Communications Equipment, Reference Designators	3-2
3-2.	Communications Equipment Power Supplies	3-3
3-3.	Modem Card Cage Assembly 1A1A2A5, Circuit Card Location.....	3-9
3-4.	Data Communications Card Cage Assembly 1A1A2A6, Circuit Card Location.....	3-14
3-5.	Modem and Expansion Card Cage Assembly 1A1A2A7, Circuit Card Location.....	3-16
3-6.	Voice Communications Central Card Cage Assembly 1A3A41A2, Circuit Card Location.....	3-28
3-7.	Voice Communications Stations 1A5A3A3, 1A6A3A3, 1A9, and 1A10, Circuit Card Location.....	3-35
3-8.	Flow Chart Symbology	3-37
3-9.	Correlation of Modems to Other Data Communications Equipment, Related Assemblies, and Modem On-Line Command Codes	3-61
3-10.	Data Communications Central Panel, Lamp Test Indications.....	3-63
3-11.	Voice Communications Central Panel, Lamp Test Indications	3-112

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope. This manual contains organizational maintenance information for the AN/TSQ-73 Guided Missile Air Defense System communications equipment (fig. 1-1). Chapter 1 provides physical description and data. Chapter 2 describes theory of operation. Chapter 3 provides maintenance instructions and fault isolation procedures and flow charts. Chapter 4 contains removal and replacement procedures.

1-2. Forms, Records, and Reports. Refer to DA PAM 738-750 for the use and completion of all forms required for operation and maintaining the equipment.

1-3. Destruction of Army Materiel to Prevent Enemy Use. If capture of this equipment appears imminent, or if the equipment must be abandoned, it should be destroyed to prevent enemy use. Destruction procedures should be carried out only on orders from the cognizant authority. Refer to TM 43-0002-21 for procedures required for destruction of the equipment and related system materiel. Recorded tape transport cartridges and classified manuals are priority items requiring destruction.

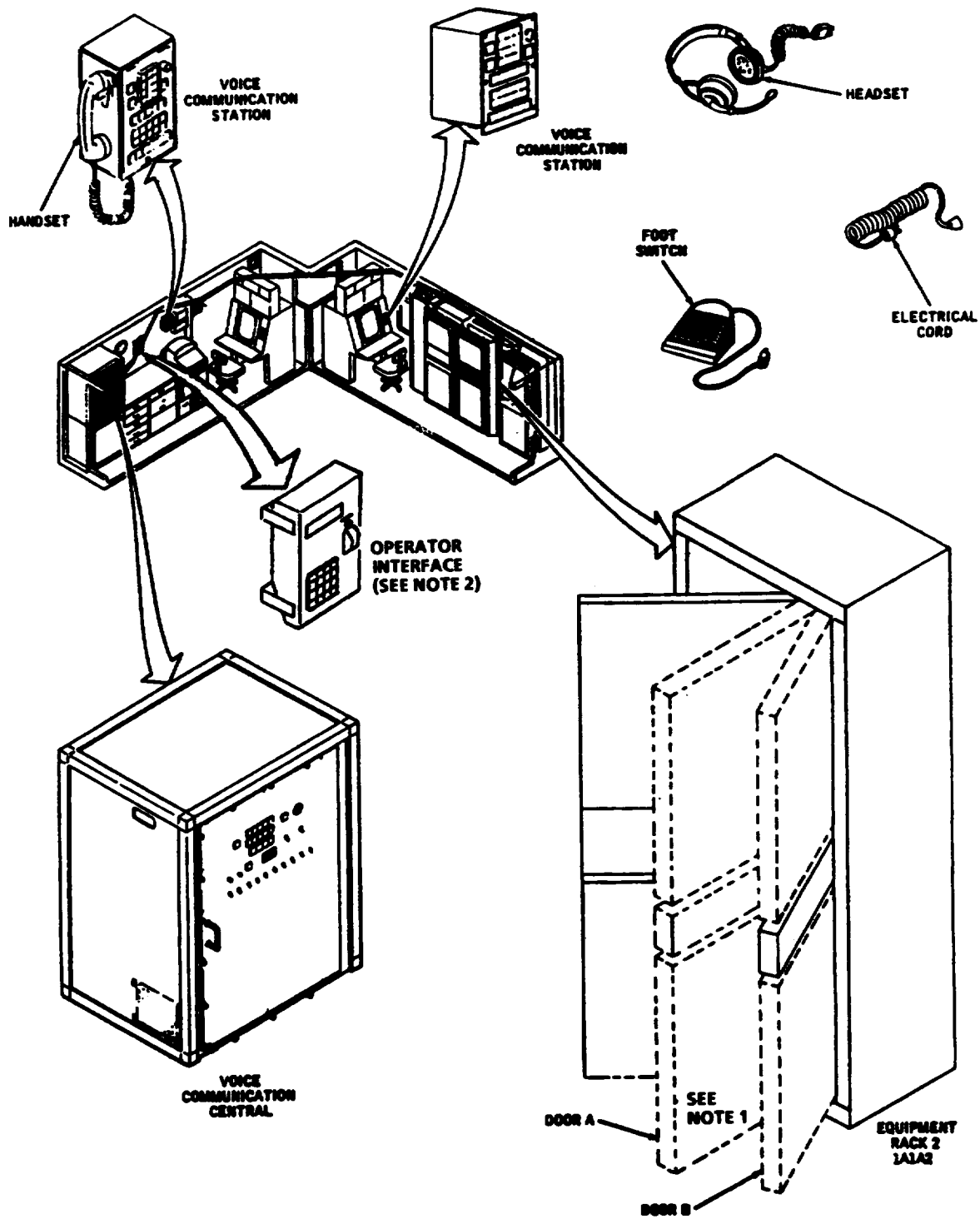
1-4. Reporting Equipment Publications Improvements. Reporting of errors and omissions, and recommendations by the individual user for improving this publication are encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications and Blank Forms, and forwarded to: Commander, U.S. Army Missile Command, ATTN: AMSMI-MM-LS-LP, Redstone Arsenal, Alabama 35898-5238. You may also send in your comments electronically to our e-mail address: 1s-1p@redstone-emh2.army.mil or by fax 205-842-6546/DSN 788-6546.

1-5. References. Refer to TM 9-1425-655-L for a list of related publications and reference documents.

1-6. Abbreviations. Refer to appendix A for a list of abbreviations used in this manual.

1-7. Official Nomenclature. The official nomenclature associated with the AN/TSQ-73 equipment is listed in table 1-1. In the table, a common name is also provided for each major unit.

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NOTES:

1. DASHED LINE INDICATES EQUIPMENT THAT IS NOT PART OF COMMUNICATIONS EQUIPMENT.
2. EQUIPMENT PRESENT ONLY IN AN/TSQ-73 EQUIPPED WITH MSE/ADL.

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Figure 1-1. Communications Equipment.