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TECHNICAL MANUAL

**TECHNICAL MANUAL
OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL**

FOR

**MAINTENANCE CONTROL GROUP
AN/GSA-100 (NSN 5895-00-930-5586)
(NUS 6284)**

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HEADQUARTERS, DEPARTMENT OF THE ARMY

JULY 1976

Technical Manual)
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CONTENTS

PART I. OVERALL MAINTENANCE CONTROL CENTER

(TRIBUTARY SITES)

	<u>Paragraph</u>	Page
CHAPTER 1. INTRODUCTION		
Section I. General.		
Scope of manual.....	1	1
Forms and records.....	2	1
Purpose and use.....	3	3
Technical characteristics	4	3
Major assemblies.....	5	3
Nomenclature.....	6	4
Modular subassemblies	7	5
Equipment description	8	6
CHAPTER 2. INSTALLATION		
Equipment inspection.....	9	7
Connecting associated equipment.....	10	7
Initial application of power.....	11	7

CONTENTS (CONT)

	Paragraph	Page
CHAPTER 3. OPERATING INSTRUCTIONS		
Section I. Controls, Connectors, and Indicators.		
Cabinet, controls and indicators	12	9
4-wire telephone unit, controls and connectors.	13	9
Audio amplifier module, controls and connectors	14	10
Tone generator module, connectors.	15	11
Tone receiver module, controls indicators, and connectors	16	11
Status indicator module, controls and indicators	17	12
Power supply module, controls and indicators.	18	12
Section II. Operating Procedures		
Initiating and answering calls	19	13
Monitoring status indicators	20	13
CHAPTER 4. THEORY OF OPERATION		
Section I. General.		
System application.	21	15

CONTENTS (Cont)

	Paragraph	P a g e
Section II. Functional Description		
Typical call operation.....	22	17
Status indicator operation.....	23	19
CHAPTER 5. MAINTENANCE INSTRUCTIONS		
Section I. Preventive Maintenance.		
General.....	24	23
Maintenance materials	25	23
General cleaning and inspection.....	26	24
Weekly cleaning and inspection.....	27	24
Section II. Corrective Maintenance.		
Troubleshooting.....	28	25
Section III. Alignment.		
General.....	29	32
Test equipment required	30	32
Test set up.	31	32
Alignment procedure.....	32	33

This technical manual is an authentication of the manufacturer' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

LIST OF ILLUSTRATIONS

Figure No .	Title
1.	Maintenance control center NUB 6284 (tributary sites)
2.	Maintenance control center, rear view
3.	system application, block diagram
4.	Typical call operation, block diagram
5.	Status indicators, block diagram
6.	Tone receiver adjustment, test setup
7.	4-Wire telephone transmit level adjustment, test setup
8.	Tone generator adjustment, test setup
9.	Audio amplifier adjustment, test setup
10.	Q-wire telephone receive level adjustment, test setup
11.	Maintenance control center (tributary), schematic diagram
12.	Maintenance control center (tributary), wiring diagram

PART II. MODULES

4-wire telephone NUS 5165-8 and NUS 5165-45

Power supply NUS 5165-27G1 through G5

1600 cps tone generator NUS 5165-30G1

1600 cps tone receiver NUS 5165-37G1

Audio amplifier NUS 5165-40G1 and G2

Status indicator NUS 5165-44G1

PREFACE

This manual describes maintenance control center NUS 6284 installed at **tributary sites of the ET-A communications system. It provides installation instructions, operating procedures, theory of operation, and maintenance information. Theory of operation is described at the equipment level, and emphasis is placed on the interrelation of the modules rather than on circuit details. The modules are described in Part II.**

The maintenance control center conforms to a modular concept and is maintained to the direct support (3rd echelon) level. Maintenance to this level of support is concerned with localizing trouble to a particular module. When the trouble is localized, replace the defective module. Refer to Instruction Manual for Test Facilities Kit MK-884/FRC-81(V), TM 11-6625-647-14/1 and -14/2 for maintenance information on the modules.

The maintenance control center is a component equipment in the *ET-A* communications system. The following is a list of publications pertaining to the ET-A communications system component equipments.