

NUMERICAL INDEX — DIVISION 332

**VOICE-FREQUENCY TELEPHONE REPEATERS, PILOT WIRE REGULATORS,
 ECHO SUPPRESSORS, COMPOSITE SETS AND ASSOCIATED EQUIPMENT**

1. GENERAL

- 1.01** This section provides an index of System-issued sections in Division 332.
- 1.02** This section reverted to Issue 1 in September 1977. Prior to that date there had been 99 issues of the section.
- 1.03** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.04** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.05** A heart (♥) indicates a new or reissued item which, because of its limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.
- 1.06** A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.
- 1.07** "Add" is the abbreviation for Addendum, and "Sup" is the abbreviation for Supplement.

2. LAYERS

- 2.01** This division is arranged in layers as follows:
 332-0 Indexes, Equipment Test Lists, and General Information
 - 1 Amplifier Type Telephone Repeaters
 - 2 Negative Impedance Repeaters and Impedance Compensators
 - 3 Customer Loops — Long Route Design
 - 4 Pilot Wire Regulators, Echo Suppressors, Toll Conference Grouping Circuits and Auxiliary Equipment
 - 6 Voice-Frequency Consolidated Equipment Arrangements
 - 7 4-Wire Extension
 - 8 4-Wire Terminating Sets and Precision Balancing Networks
 - 9 Combined Transmission and Signaling Repeaters

3. INDEXES

	Section Number	Issue	Subject
332-0 INDEXES, EQUIPMENT TEST LISTS, AND GENERAL INFORMATION			
● ♠	332-000-000	47	Numerical Index — Division 332 — Voice-Frequency Telephone Repeaters, Pilot Wire Regulators, Echo Suppressors, Composite Sets and Associated Equipment
Sup	332-001-011	1	
	332-001-011	3	ETL
	332-001-012	1	Compandor — Miscellaneous Equipment

Metallic Facility Terminal

	332-005-139	1	J9934GC LSR (LSO)/2-2 I (L-L)
	332-005-140	1	J99343GD LSR (LSO)/2-2 I (L-NL) Combined Function Unit MTC2130A

	Section Number	Issue	Subject
	332-005-186	1	J99343RJ 4-2 Wire Inter/Term (L-NL) RPTR MT42410A — Data Sheet — Metallic Facility Terminal
	332-005-187	1	J99343RK 2-4 Wire Inter (L-NL) RPTR MT24610A — Data Sheet — Metallic Facility Terminal
	332-005-201	1	ATP-4 600/900 Ohm DC Bypass Unit MTPM1B0A — Data Sheet — Metallic Facility Terminal
	332-005-202	1	ATP-5 Bypass Test Unit MTPM1C0A — Data Sheet — Metallic Facility Terminal

General Information

	332-010-010	3	Test Results on Voice Repeaters
	332-010-011	4	Forms for Recording Results of Singing Point and Office Cabling Balance Tests
	332-010-012	4	Circuit Order Tests Circuit Units
	332-010-015	2	Telephone Repeaters — Jack Field Designations and Assignment Directory
Add	332-010-100	1	
	332-010-100	2	Voice Frequency Telephone Repeaters — General Instructions
	332-010-101	2	Procedure for Investigating Gains of Telephone Repeaters
Add	332-011-100	1	
	332-011-100	1	Repeater Attendant's Telephone Set
	332-011-101	1	4-Wire Telephone Order Wire — Hybrid Coil Bridging
	332-011-102	1	4-Wire Telephone Order Wire — Hybrid Coil Bridging — Equipment Arrangements
	332-015-100	2	Simplified Theory of Singing Point Tests
	332-015-300	3	Singing Point Tests
	332-015-500	3	Singing Point Tests for Voice Frequency Trunks
	332-016-010	3	Location of Irregularities on Loaded Cable Pairs Through Analysis of Impedance and Impedance Unbalance Curves
	332-017-100	1	Voiceband Multipoint Split Bridge With Gain, Equalization and Test Access — Identification

NOTICE

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SECTION 332-000-000

Section Number	Issue	Subject
332-1 AMPLIFIER TYPE TELEPHONE REPEATERS		
22 Type Repeaters		
Add 332-100-100	3	
332-100-100	1	22A1
332-100-101	1	22A2 and D-87797
Add 332-100-102	2	
332-100-102	1	Circuits and Apparatus Associated With 22A1, 22A2 and D-87797
332-100-103	2	Modified for 4-Wire Operation
332-100-104	1	Arranged for AC Operation
Add 332-100-300	2	
332-100-300	3	22A1, 22A1 (HE), D-87797 and 22A2 — Operating Requirements and Limits
Add 332-100-500	3	
332-100-500	2	22A1, D-87797 and 22A2 — Tests and Adjustments
Add 332-100-501	1	
332-100-501	2	Arranged for AC Operation — Tests and Adjustments
44 Type Repeaters		
Add 332-101-100	3	
332-101-100	1	44A1
Add 332-101-101	1	
332-101-101	1	Circuits and Apparatus Associated With the 44A1
332-101-102	2	Regulating Network Lockup Circuit for Telephoto Services
Add 332-101-300	1	
332-101-300	5	Operating Requirements and Limits
Add 332-101-500	1	
332-101-500	2	Tests and Adjustments
V1 Type Repeaters		
Add 332-102-100	1	
332-102-100	2	V1 Telephone Repeater and Associated Equipment
332-102-101	1	Repeater Switching Circuit
332-102-300	6	Circuit Order and Periodic Tests
Add 332-102-500	2	
332-102-500	4	Tests and Adjustments
V3 Type Repeaters		
332-103-100	2	Description
332-103-101	1	Bay Arrangements
332-103-300	3	Circuit Order and Periodic Tests
332-103-500	4	Tests and Adjustments on V3 Amplifier
332-103-501	2	V1 and V3 Telephone Repeaters — Associated Equipment Tests and Adjustments

Section Number	Issue	Subject
332-103-502	2	Adjustment of Battery Supply Circuits
V4 Type Repeaters		
Add 332-104-100	1	
332-104-100	1	V4 Telephone Repeater
332-104-102	2	24V4B Telephone Repeater
332-104-103	1	F58122 Amplifier
332-104-104	1	F-60966 Amplifier, Energy Gated — Description
332-104-500	1	Initial Line-Up
332-104-501	2	227 Type Amplifiers — Tests and Adjustments
332-104-503	1	F58122 Amplifier — Tests and Adjustments
332-104-504	1	F-60966 Amplifier, Energy Gated — Installation and Test
332-105-101	2	24V4A Repeater Mounting Shelf — Description
332-105-102	1	24V4B Repeater Mounting Unit — Description
Add 332-105-103	1	
332-105-103	2	24V4C Repeater Mounting Shelf — Description
Add 332-105-104	1	
332-105-104	1	24V4D Repeater Mounting Shelf — Description
332-106-101	1	44V4A Repeater Mounting Shelf — Description
332-106-102	1	44V4B Repeater Mounting Shelf — Description
332-115-101	1	849A Network — Description
332-115-102	1	849B Network — Description
332-115-103	1	849C Network — Description
332-115-104	1	849D Network — Description
332-115-105	1	849E Network — Description
332-115-106	1	849F Network — Description
332-115-107	1	849G Network — Description
332-115-108	1	849H Network — Description
332-115-109	1	849J Network — Description
332-116-101	2	359A Equalizer — Description
332-116-102	2	359B Equalizer — Description
332-116-103	1	359C Equalizer — Description
332-116-104	2	359D Equalizer — Description
332-116-105	1	359E Equalizer — Description
332-116-106	2	359F Equalizer — Description
332-116-107	1	359G Equalizer — Description
332-116-108	1	359H Equalizer — Description

Section Number	Issue	Subject	Section Number	Issue	Subject
332-116-109	1	359J Equalizer — Description	332-200-102	1	Taking an E1 or E3 Repeater Out of Service and Preparing for Trouble Analysis
332-116-110	1	359K Equalizer — Description	332-200-103	1	Taking E2 or E23 Repeater Out of Service and Preparing for Trouble Analysis
332-116-111	1	359L Equalizer — Description	332-200-104	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13, or E23 Repeater When Little Gain, No Gain or Poor Transmission is Indicated
332-116-112	3	359M Equalizer — Description	332-200-105	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13 or E23 Repeater When Instability or Excessive Gain is Indicated
332-116-113	1	359N Equalizer — Description	Add 332-200-106	1	
332-116-114	1	359P Equalizer — Description	332-200-106	1	Network Strapping by Use of Charts — E13 or E23 Bridged Repeaters
332-116-115	1	359R Equalizer — Description	332-200-108	1	Application of Test Terminations Using Test Termination Circuit SD-96476-01 or Trunk Terminating and Patching Jacks at Master Test Frame
332-116-201	3	Strapping Charts for 359A and 359D Equalizers or 4182C Networks	332-200-300	1	Placing E1 or E13 Repeaters In Service Using E-Repeater Test Set
332-116-214	1	Strapping Charts for 359P Equalizer When Using 227A, B, C, D, E or F Amplifiers	332-200-301	1	Placing E2 or E23 Repeaters In Service Using E-Repeater Test Set
332-117-101	2	648A Filter — Description	332-200-302	1	Placing E1 or E13 Repeaters In Service Using 2G Repeater Test Set
332-119-101	1	332A Relay — Description	332-200-303	1	Placing Repeaters In Service Without the Use of a Repeater Test Set
332-119-102	1	333A Relay — Description	332-200-500	3	General Information on Tests and Inspections
332-119-103	1	333A Relay — Description	332-200-501	3	Electron Tubes — Visual Checks, Measurements and Adjustment of Applied Voltages
332-120-100	1	424V4B Repeater Mounting Shelf — Description	332-200-502	2	Monitoring Tests
332-121-100	1	3-Way 4-Wire Bridging Repeater — Description	332-200-503	2	Effective Gain Measurement — Method A — Using E Repeater Test and Test Oscillator
332-121-101	1	3-Way 4-Wire Bridging Repeater — Test Extender — Description	332-200-504	2	Effective Gain Measurement — Method B — Using E Repeater Test Set and Noise Generator
332-121-110	1	4251(-) Type Networks — Description	332-200-505	2	Effective Gain Measurement — Method C — Using 2G Repeater Test Set and Test Oscillator
332-121-500	2	J99338CA 3-Way 4-Wire Bridging Repeaters — J99338F and M Bridging Repeaters — Tests and Adjustments	332-200-506	2	Effective Gain Measurement — Method D — Using 2G Repeater Test Set and Noise Generator
332-122-100	1	4-Wire Bridging Repeaters (J99338F and M) for Traffic Service Position System SD-7C022-01 — Description	332-200-507	1	Effective Gain Measurement — Method E — Measurements of Gain Peaks and Valleys — Using E Repeater Test Set
332-130-100	1	306A Repeater Unit — Description	332-200-508	1	Effective Gain Measurements — Method F — Measurements of Gain Peaks and Valleys — Using 2G Repeater Test Set
332-130-101	1	4229A Network — Description	332-200-509	2	Circuit Net Loss Measurement — Method A — Using a Test Oscillator
332-131-100	1	Voice Operated Switched Gain Repeater — Description	332-200-511	3	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method A — Using the E Repeater Test Set
332-131-500	1	Voice Operated Switched Gain Repeater — Test and Adjustment			
332-140-100	1	215A Repeater — Description			
332-140-200	1	215A Repeater — Installation and Maintenance			
332-2 NEGATIVE IMPEDANCE REPEATERS AND IMPEDANCE COMPENSATORS					
E Type Repeaters					
332-200-000	3	E1 Telephone Repeater — General Information			
332-200-100	1	General Information on Placing Repeaters In Service			
332-200-101	1	Taking Repeater Out of Service and Analyzing Trouble			

SECTION 332-000-000

Section Number	Issue	Subject	Section Number	Issue	Subject
332-200-512	2	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method B — Using the 2G Repeater Test Set	332-206-225	1	830E Network — Installation and Prescription Settings
332-205-100	2	Impedance Compensators — Description	332-206-227	2	830G Network — Installation and Prescription Settings
332-205-500	2	Impedance Compensators — Tests and Adjustments	332-206-228	1	830H Network — Installation and Prescription Settings
Add 332-206-100	1		332-206-229	1	E6 Range Extender — Installation
332-206-100	1	E6 Repeater	332-206-231	1	830J Network — Installation and Prescription Settings
332-206-101	1	E6 Repeater Disabler (J99253L) — Description	332-206-251	1	837A Network — Installation and Prescription Settings
332-206-102	1	E6 Repeater Solid-State Disabler SD-97023-01 — Description	332-206-252	1	837B Network — Installation and Prescription Settings
332-206-120	1	Subscriber Loop — Remote Message Repeater — Description	332-206-253	1	837C Network — Installation and Prescription Settings
332-206-121	1	830A Network — Description	Add 332-206-254	1	
332-206-122	1	830B Network — Description	332-206-254	2	837D and J99380AA — Installation and Initial Settings
332-206-123	1	830C Network — Description	332-206-255	2	837E and J99380AB — Installation and Prescription Settings
332-206-124	2	830D Network — Description	332-206-256	1	837F Network — Installation and Prescription Settings
332-206-125	1	830E Network — Description	332-206-257	3	837G and J99380AC — Installation and Prescription Settings
332-206-126	1	830F Network — Description	332-206-258	1	837J Network — Installation and Prescription Settings
332-206-127	4	830G Network — Description	332-206-500	2	E6 Repeater — Routine Tests and Adjustments
332-206-128	1	830H Network — Description	332-206-520	1	Subscriber Loop — Remote Message Repeater — Maintenance Tests
332-206-129	1	E6 Range Extender — Description	332-207-100	1	E7 Repeaters — Introduction
332-206-130	1	E6B Range Extender — Description and Installation	332-207-101	1	E7 Repeater — Theory
332-206-131	1	830J Network — Description	332-207-121	1	E7 Repeater — Application to MTWX Circuits
332-206-151	1	837A Network — Description	332-207-301	1	E7 Repeaters — Line-Up
332-206-152	1	837B Network — Description	332-207-311	1	E7 Repeaters — Maintenance
332-206-153	1	837C Network — Description	332-208-100	1	Negative Impedance Converter — Description
332-206-154	2	837D and J99380AA — Description	332-210-100	4	Range Extender With Gain (REG) — Description and Operation
332-206-155	2	837E and J99380AB — Description	332-210-101	1	Mini-Reg System and 7A Range Extender With Gain — Description and Operation
332-206-156	1	837F Network — Description	Add 332-210-102	1	
332-206-157	4	837G and J99380AC — Description	332-210-102	1	8A Range Extender — Coin Reg — Description, Operation, and Installation — (DLXR810MAA)
332-206-158	1	837J Network — Description	332-210-500	4	Range Extender With Gain (REG) — Initial Alignment and Tests
Add 332-206-200	1		332-211-100	1	Signaling Range Extender (SRE) — Description and Operation
332-206-200	2	E6 Repeater — Alignment Procedure			
332-206-221	1	830A Network — Installation and Prescription Settings			
332-206-222	1	830B Network — Installation and Prescription Settings			
Add 332-206-223	1				
332-206-223	1	830C Network — Installation and Initial Settings			

Section Number	Issue	Subject
332-211-500	1	Signaling Range Extender (SRE) — Operational Tests
332-3 CUSTOMER LOOPS — LONG ROUTE DESIGN		
332-310-510	1	E6 Repeater Lineup — Subscriber Loops
332-4 PILOT WIRE REGULATORS, ECHO SUPPRESSORS, TOLL CONFERENCE GROUPING CIRCUITS AND AUXILIARY EQUIPMENT		
Pilot Wire Regulators		
Add 332-400-100	1	
332-400-100	2	4A Pilot Wire Transmission Regulating System
332-400-300	2	4A and 5A System — Initial Line-Up and Maintenance Procedures
332-400-500	3	4A System — Tests and Adjustments
Add 332-401-100	1	
332-401-100	1	5A System — Description
332-401-500	3	5A System — Tests and Adjustments
332-402-100	1	Regulated Circuit Units — Gain Corrections
Echo Suppressors		
332-410-101	1	1A Suppressor — With Enabler and Disabler
332-410-102	3	1A Suppressor — Modification for Use on Telephotograph Circuits
332-410-103	1	1A Suppressor — With Enabler and Disabler — Equipped With 326-Type Mercury Relays — Description
332-410-301	2	1A Suppressor — Test From Trunk Terminals
Add 332-410-500	1	
332-410-500	5	1A Suppressor and Disabler — Tests and Adjustments
Add 332-410-501	1	
332-410-501	1	1A Echo Suppressor and Disabler Equipped With 326-Type Mercury Relays — Tests and Adjustments
332-412-101	2	3A Echo Suppressor — Description
332-412-102	2	3B Echo Suppressor — Description
Add 332-412-500	1	
332-412-500	2	3A Echo Suppressor — Lineup
Add 332-412-502	1	
332-412-502	2	3B Echo Suppressor — Lineup
♥ 332-413-100	1	2A Echo Suppressor — Description
♥ 332-413-300	1	2A Echo Suppressor — Circuit Order and Maintenance Test Intervals
332-414-100	2	4A Echo Suppressor — Description
332-414-101	1	4A Echo Canceler Logic Unit (J68914AE-1)
332-414-105	1	4A Echo Suppressor — J68914TA Test Extender — Description

Section Number	Issue	Subject
332-414-200	1	4A Echo Suppressor — Installation Tests
332-414-500	1	4A Echo Suppressor — Trouble Location
332-414-501	1	4A Echo Canceler Logic Unit (J68914AE-1) — Tests
1A Compandor		
Add 332-420-100	1	
332-420-100	1	Description
332-420-300	1	Circuit Order and Periodic Tests
332-420-500	2	Testing Methods
332-421-100	3	N3 Compandor Applique Circuit — General Description
332-421-500	2	N3 Compandor Applique Circuit — Tests and Adjustments
Toll Conference Grouping Circuits — 6 Outlet Arrangement		
332-430-100	3	Switching Pad Non-Gain and Cord Circuit Repeater Offices
332-430-300	3	Periodic Tests and Trouble Investigations — Switching Pad Non-Gain and Cord Circuit Repeater Offices
Toll Conference Grouping Circuits — 6 Outlet Arrangement With Repeaters		
332-430-500	3	Tests and Adjustments — Switching Pad Non-Gain and Cord Circuit Repeater Offices
332-431-100	2	Six Outlet V Repeated Volcas Arrangement
332-431-300	2	Periodic Tests and Adjustments — Six Outlet V Repeated Volcas Arrangement
332-431-500	3	Six Outlet V Repeated Arrangement — Tests and Adjustments — Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
332-432-100	2	Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
332-432-300	2	Periodic Tests and Trouble Investigation
Toll Conference Grouping Circuits — 6 Outlet Arrangement Without Repeaters		
332-432-500	2	Tests and Adjustments — Non-Repeated Toll Conference Grouping Circuit
332-433-100	1	Three Outlet Arrangement — Non-Repeated
332-434-100	1	4233A Network — 4-Way, 4-Wire Bridge — Description
Add 332-435-100	1	
332-435-100	1	Multipoint Conference Bridge — Description
Add 332-435-500	1	
332-435-500	2	Multipoint Conference Bridge — Tests and Adjustments — Toll Conference Service

SECTION 332-000-000

Section Number	Issue	Subject
♥ 332-436-100	1	Specialized Network Conferencing Systems (SNCS) — Description, Methods of Operation, and Test Procedures
♥ 332-436-101	1	Specialized Network Conferencing Systems (SNCS) — Executive Intercompany Conferencing Arrangement (EICA) — Description, Method of Operation, and Test Procedures
♥ 332-436-110	1	Specialized Network Conferencing Systems (SNCS) — Pulsecom Model 1682-1 Time Division Conference Bridge — Description, Methods of Operation, and Test Procedures
♥ 332-436-120	1	Specialized Network Conferencing (SNCS) — Conference Control Switching Circuit (CCSC) — Description, Method of Operation, and Test Procedures

Auxiliary Equipment

332-450-100	3	Composite Sets and Associated Hybrid Transformers
332-450-500	1	Testing and Balancing Composite Sets and Associated Line or Hybrid Transformers

332-6 VOICE-FREQUENCY CONSOLIDATED EQUIPMENT ARRANGEMENTS

Using E-Type SF Signaling Units

332-600-101	1	Description and Application of J98617J-2 Bay
332-600-102	1	Maintenance Provisions

Customer's Premises Facility Terminal for Type F Signaling System

332-601-100	1	Description
332-601-200	1	Identification, Connections, and Installation
332-601-500	1	Maintenance and Lineup

Customer Premises Facility Terminal for Metallic Facility Terminal Plug-In Equipment

Add 332-610-100	1	
332-610-100	3	General Description
332-610-101	1	J99400A Housing Assembly — Description — Packaged Metallic Facility Terminal Assemblies
332-610-102	1	J99400C, D, and E — Description
332-610-103	1	J99400K (Lists 1 and 2) Housing Assembly — Description — Packaged Metallic Facility Terminal Assembly
332-610-104	2	J99400R and J99400S Housing Assemblies — Description — Packaged Metallic Facility Terminal Assemblies
332-610-105	1	J99400F Housing Assembly — Description — Packaged Metallic Facility Terminal Assemblies
332-610-200	3	Installation
332-610-201	1	J99400A Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies

Section Number	Issue	Subject
332-610-202	1	J99400C, D, and E Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-203	1	J99400K Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-204	1	J99400R and J99400S Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-500	3	Maintenance and Testing Information

332-7 4-WIRE EXTENSION

332-700-101	1	4182A Network — Description
332-700-102	1	4182B Network — Description
332-700-103	2	4182C Network — Description

332-8 4-WIRE TERMINATING SETS AND PRECISION BALANCING NETWORKS

Terminating Sets

332-800-101	2	1A and 1K — Description
332-800-102	2	1B and 1L — Description
332-800-103	3	1C, 1F, and 1M — Description
332-800-104	2	1D and 1N — Description
332-800-105	1	1G — Description
332-800-106	1	1H — Description
332-800-107	1	1J — Description
332-800-108	2	1P and 1R Terminating Sets — Description

Data on Balancing Equipment

332-851-101	2	115-Type Networks for Toll Message and Program Circuits
Add 332-851-102	3	
332-851-102	1	Line Balance Network Data
Add 332-851-103	3	
332-851-103	1	Exchange Line Balancing Network Data

Networks

332-852-100	1	4066 — Description
332-852-101	3	4066A — Description
332-852-102	1	4066B — Description
332-852-103	1	4066C — Description
332-852-104	1	4066D — Description
332-852-105	1	4066E — Description
332-852-106	1	4066F — Description

Section Number	Issue	Subject	Section Number	Issue	Subject
332-852-107	2	4066G — Description	332-911-204	1	Metallic Facility Terminal — Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-1) — Installation and Testing
332-852-108	1	4066H — Description	332-911-205	1	Metallic Facility Terminal — Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, and FD) — Installation and Testing
332-852-109	1	4066K — Description and Settings	332-911-207	1	J99343AJ and J99343AK Loop Signaling Repeaters — Installation and Testing
332-9 COMBINED TRANSMISSION AND SIGNALING REPEATERS					
J98619A Subscriber Loop					
332-906-110	2	Message and Signal Repeater	332-912-101	2	J99343BA, BB, and BC-2 Wire Transmission Units, ATP-4 600/900 Ohm DC Bypass Units, and ATP-5 Bypass Test Unit — Description
332-906-510	2	Tests and Adjustments	332-912-102	1	2-4 Wire Transmission Units (J99343BE, BF) — SD-1C359-01 — Description
Metallic Facility Terminal					
332-910-100	4	Description	332-912-104	2	4-4 Wire Transmission Unit (J99343BD) — SD-1C359-01 Description
332-910-101	5	Shelf, Frame, Power Panel, and Distributing Frame Arrangements — Description	332-912-105	1	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Description
332-910-102	2	Test Extender (J99343TB) — SD-1C485-02 — Description and Operation	332-912-106	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Description
332-910-103	2	J99343TN Facility Matching Test Set — Description and Operation	332-912-113	2	J99343PA, PG (Lists 1 and 2) 2-2 Wire Terminals (Loaded) Repeaters — Description
332-910-110	1	ATP11 — Dual 2-Wire Maintenance Termination Unit — Description — Voice-Frequency Special Services	332-912-114	2	J99343PB (Lists 1, 2, and 3) 2-2 Wire Terminal (Nonloaded) Repeaters — Description
332-910-180	3	General Application	332-912-115	2	J99343PD (Lists 1, 2, and 3) 2-2 Wire Intermediate (Nonloaded-Nonloaded) Repeaters — Description
332-910-210	1	ATP 11 — Dual Two-Wire Maintenance Termination Unit — Installation and Testing — Voice-Frequency Special Services	332-912-116	2	J99343PC, PH (Lists 1 and 2) 2-2-Wire Intermediate Repeaters (Loaded-Loaded) — Description
332-911-101	3	Loop Signaling Repeaters (J99343AA, AB, AC, AD, AE, AF, AH) — Description	332-912-117	2	J99343PE, PF, PJ, and PK 2-2 Wire Intermediate — (Loaded-Nonloaded and Nonloaded-Loaded) Repeaters — Description
Add 332-911-102	2		332-912-121	4	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — SD-1C359-01 — Description
332-911-102	4	Loop Signaling Extender (J99343CA, CB, CC, CD) — SD-1C359-01 — Description	332-912-134	2	J99343SA and SB — 4-4 Wire Terminal/Intermediate Repeaters — Description
332-911-103	1	DX1 and DX1/DX2 Signaling Units (J99343DA, DB) — SD-1C359-01 — Description	332-912-135	2	J99343RA and RF 2-4 Wire Terminal Repeaters — Description
332-911-104	2	Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-01 — Description	332-912-141	2	J99343PL 2-Wire Dual Terminal (Loaded) Repeater — Description
Add 332-911-105	1		332-912-151	2	J99343SF and SG Single Frequency Signaling/4-4 Wire Repeater Combined Function Units— Description
332-911-105	1	Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, FD) — SD-1C359-01 — Description	332-912-152	2	Loop-Start Only/2-Wire Transmission Unit (J99343GA Lists 1 and 2) SD-7C050-01 Description
332-911-106	1	Signaling Lead Access Unit (J99343MA) — SD-1C359-01 — Description	332-912-153	2	J99343GB, L1 and L2, Loop Signaling Extender/2-2 Wire Terminal Repeater (L) Combined Function Unit — Description
332-911-107	1	J99343AJ and J99343AK Loop Signaling Repeaters — Description			
332-911-201	3	Metallic Facility Terminal — Loop Signaling Repeater (J99343AA, AB, AD, AE, AF, AH) — Installation and Testing — SD-1C359-01			
Add 332-911-202	2				
332-911-202	1	Loop Signaling Extender (J99343CA, CB, CC, and CD) — Installation and Testing			
332-911-203	1	Metallic Facility Terminal — DX1 and DX1/DX2 Signaling Units — J99343DA, DB — Installation and Testing — (SD-1C359-01)			

SECTION 332-000-000

Section Number	Issue	Subject	Section Number	Issue	Subject
332-912-154	2	J99343GC Loop Signaling Repeater (Loop-Start Only)/2-2 Wire Intermediate Repeater (L-L) Combined Function Unit — Description	332-912-222	3	Prescription Setting Procedures for 4-2 Wire (J99343RB, RC, RG, and RJ) and 2-4 Wire Repeaters (J99343RD, RE, RH, and RK)
332-912-155	2	J99343GD Loop Signaling Repeater (Loop-Start Only)/2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Description	332-912-232	3	4-4 Repeaters (J99343SA, SBI) 2-4 Terminal Repeaters (J99343RA, RF) — 4-Wire Combined Function Units (J99343HA, SFI) Prescription Setting Procedures
332-912-156	2	J99343GE Loop Signaling Extender/2-2 Wire Terminal Repeater (NL) Combined Function Unit — Description	332-912-234	1	4-4 Wire Repeaters — Installation and Testing
332-912-157	1	J99343GF Loop Signaling Repeater (Loop-Start Only)/2-2 Wire Intermediate Repeater (L-L) Combined Function Unit — Description	332-912-235	1	2-4 Terminal Repeaters (J99343RA, RF) — (SD-1C359-01) — Installation and Testing
332-912-158	1	J99343GG Loop Signaling Repeater (Loop Start Only)/2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit—Description	332-912-241	1	2-Wire Dual Repeater (J99343PL) — SD-1C359-01 — Installation and Testing
332-912-159	1	J99343JA Private Line Automatic Ringdown/2-Wire Transmission Unit — Description	332-912-250	1	Amplitude and Delay Equalizer (J99343SN) — SD-1C359-01 Description and Installation
332-912-161	2	J99343HA DX1-DX2/4-4 Wire Terminal Repeater and J99343HB DX1/4-4 Wire Terminal Repeater — Description	332-912-251	2	J99343SF and J99343SG — Single Frequency Signaling/4-4-Wire Installation and Testing
332-912-201	1	2-Wire Transmission Units (J99343BA, BB, BC) SD-1C359-01 — Installation and Testing	332-912-252	3	Loop-Start Only/2-Wire Transmission Unit (J99343GA, Lists 1, 2, and 3) — Installation and Test
332-912-202	1	2-4 Wire Transmission Units (J99343BE, BF) SD-1C359-01 — Installation and Testing	Add 332-912-253	2	
332-912-204	1	4-4 Wire Transmission Units (J99343BD) SD-1C359-01 — Installation and Testing	332-912-253	1	Loop Signaling Extender/2-2 Wire Terminal Loaded Repeater (J99343GB) — Combined Function Unit — SD-7C050-1) — Installation and Test
332-912-205	1	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Installation and Testing	Add 332-912-254	2	
332-912-206	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Installation and Prescription Settings	332-912-254	1	Loop Signaling Repeater Loop-Start Only/2-2Wire Intermediate Repeater (L-L), J99343GC — SD-7C050(1) — Installation and Testing
Add 332-912-212	1		Add 332-912-255	2	
332-912-212	4	2-2 Repeaters [J99343PA, PB (L1, L2 & L3), PC, PD (L1, L2 & L3), PE, PF, PG, PH, PJ (L1 & L2), PK (L1 & L2), and J99343GD, GE Combined Function Units] — SD-1C359-01 — Prescription Settings	332-912-255	1	Loop Signaling Repeater — Loop-Start Only/2-2 Intermediate (L-NL) Repeater (J99343GD) — Combined Function Unit SD-7C050-1) — Installation and Testing
332-912-213	1	J99343PA and J99343PB (L1 and L2) 2-2 Wire Terminal Repeaters (L) — Installation and Testing	Add 332-912-256	2	
332-912-214	2	J99343PA (L1, L2 and L3) 2-2 Terminal Repeater — Installation and Testing	332-912-256	1	Loop Signaling Extender/2-2 Wire Terminal Repeater (J99343GE) — Combined Function Unit (CFU) — SD-7C050-1) — Installation and Test
332-912-215	1	Metallic Facility Terminal — 2-2 Intermediate Repeaters J99343PC, PH (L1 and L2), PD (L1, L2 and L3), PE, PJ (L1 and L2), PF, and PK (L1 and L2) — SD-1C359-01 — Installation and Testing	332-912-257	1	J99343GF LSR (LSO)/2-2 Wire Intermediate Repeater — (L-L) Combined Function Unit Installation and Testing — Metallic Facility Terminal
332-912-221	3	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — SD-1C359-01 — Installation and Testing	332-912-258	1	J99343GG Loop Signaling Repeater (Loop Start Only)/2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Installation and Testing
			332-912-259	1	J99343JA Private Line Automatic Ringdown/2-Wire Transmission Unit — Installation and Test
			332-912-261	2	J99343HA DX1-DX2/4-4 Wire Terminal (PRE- and POST-EQU) Repeater — Installation and Testing