

Y.C.

NUMERICAL INDEX — DIVISION 660
TEST CENTER OPERATION

1. GENERAL

1.01 This section provides an index of System-issued sections in Division 660. Also, it provides within layers, subdivision numbers to be used, when required, by the Bell Operating Companies and the Long Lines Department for locally prepared sections in this division.

1.02 A bullet (●) indicates an item that has been added or changed since the previous issue of the index.

1.03 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.

1.04 "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:

- 660-0 Indexes, Equipment Test Lists and General Information
 - 1 Customer Telephone Stations and Lines
 - 2 Special Services
 - 4 Trunk Maintenance — General
 - 5 Trunk Maintenance — Locations Other Than Testboards
 - 6 Trunk Maintenance — Testboard Locations
 - 8 Cable and Open Wire Plant — Maintenance

3. INDEX

Section Number	Issue	Subject
660-0 INDEXES, EQUIPMENT TEST LISTS AND GENERAL INFORMATION		
● 660-000-000	40	Numerical Index — Division 660 — Test Center Operation
660-000-005	1	Alphabetical Index — Test Center Operation (Divisions 660 through 669)
660-001-011	3	Toll Type Equipment ETL Test Center Operations
660-002-010	5	904-Type Data Test Centers — Maintenance Directory
660-003-010	3	Cable Trouble Analysis Plan — Introduction and Definitions
660-003-011	3	Cable Trouble Analysis Plan — Cable Trouble Code Card Form E-3628A
660-003-012	3	Cable Trouble Analysis Plan — Cable Trouble Ticket — Form E-5039 and Cable Trouble Summary Form E-3626A
660-003-013	3	Cable Trouble Analysis Plan — Cable Trouble Analysis — Summary of Trouble Data Form E-5408 — Subgroup Codes Form E-5040 — Detail Codes Form E-5119
660-004-010	1	Special Services Networks — Plant Network Managers
660-005-011	1	Office Responsibilities — Special Services

Section Number	Issue	Subject
660-095-9ZZ	-	For Bell Operating Company Use
660-098-9ZZ	-	For Long Lines Department Use

660-1 CUSTOMER TELEPHONE STATIONS AND LINES

660-100-010	2	Customer Trouble Report Analysis Plan — General
660-100-011	3	Customer Trouble Report Analysis Plan — Categories of Trouble Reports and Classes of Service Measured
660-100-012	3	Customer Trouble Report Analysis Plan — Customer Service Quality Indicators, MC SIRBAN
660-100-013	3	Customer Trouble Report Analysis Plan — Trouble Reports — Classification Codes and Definitions for the Handling and Analysis of Trouble Reports — Forms E-4736 and E-4736A
660-100-014	3	Customer Trouble Report Analysis Plan — Manual Trouble Report Ticket, Forms E-4732-1 and E-4732-2
660-100-015	3	Customer Trouble Report Analysis Plan — Summaries — Forms E-4737, E-4737A and E-2700
660-100-016	2	Customer Trouble Report Analysis Plan — Analyzing Trouble Reports — Manual
660-100-017	2	Customer Trouble Report Analysis Plan — Mechanization — General Description, Procedures, and Forms
660-100-018	3	Customer Trouble Report Analysis Plan — Mechanized Trouble Report Ticket, Forms E-4732-3 and E-4732-4
660-100-019	2	Customer Trouble Report Analysis Plan — Analyzing Trouble Reports — Mechanized
660-101-300	3	General Routine for Handling Trouble Reports in the Plant Service Center
660-101-301	1	Permanent Signals
660-101-302	1	Cable Sheath Opening Record
660-101-303	1	Cable and Line or Station Transfers
660-101-304	2	Handling Customer Trouble Reports on TWX and Wide Area Services
660-101-305	2	Handling Customer Trouble Reports on DATA-PHONE Services
660-101-306	1	Community Antenna Television (CATV) Distribution Systems — Test Center Procedures

SECTION 660-000-000

Section Number	Issue	Subject	Section Number	Issue	Subject
660-101-307	1	Plant Service Center Responsibilities for Switched Services Networks	660-202-012	1	Telegraph Services — Administrative of Service Restoration and Maintenance Spares
660-101-308	1	Rural Carrier Telephone Systems — Testing Methods	660-202-013	1	Telegraph Services — Teletypewriter Monitoring
660-101-310	1	Repair Service Bureau Procedures for Apartment Door Answering Service	660-203-010	1	Telegraph Services — Disposition of Monitoring Teletypewriter and TWX Copy
660-101-311	1	Instant Test	660-204-010	1	Telegraph Service — Special Handling of Private Teletypewriter Services
660-101-312	2	Maintenance of Service Charge on Services With Customer Provided Equipment (CPE)	660-204-011	1	Telegraph — 83A1 and 83B1 Teletypewriter Selective Calling Systems — Pre-Service Testing Procedures
660-101-313	1	Customer Trouble Reports — Bulk Dispatch	660-204-012	1	Telegraph — Operating and Testing Procedures for Circuits Associated with 83B Type Teletypewriter — Selective Calling Systems
660-102-300	2	Operating Practice for Test Center — Emergency Routine	660-205-010	1	Toll Private Services — Telegraph — Preparation and Use of Served Point Record — Form E-4481
660-103-300	5	Contact Handling	660-206-010	1	Toll Private Services — Telephone — Preparation and Use of Served Point Record, Form E-4536
660-104-300	7	Appointments	660-207-010	4	Restoration Sequence Message and Special Service Circuits
660-150-010	2	Subscriber Line Card File	660-207-020	2	Administration of Priority 1 Private Services
Add 660-151-010	2		660-208-010	1	Private Line Services — Operating Procedures for Handling Temporary Suspend or Temporary Discontinue Service Orders on Interstate Services
660-151-010	2	Customer Line Cards	660-209-010	1	Procedures for Preparation in Transmission of Data to the Data Processing Center
660-152-010	3	Description and Use of Marker Cards	660-220-010	2	Analysis Plan — General
660-153-010	1	Concentrator Equipment Card	660-220-011	2	Analysis Plan — Preparation and Use of Cumulative Record of Circuit Trouble Reports, Form E-4638 and Circuit Performance Record, Form E-4639
660-160-500	1	Subscriber Line Insulation Testing	660-220-012	2	Analysis Plan — Preparation and Use of Private Service History Cards, Forms E-4476 and E-4475
660-165-100	1	Gfeller Line Concentrator	660-220-013	1	Analysis Plan — Preparation and Use of Private Services Analysis Record, E-4640
660-166-100	1	1A Line Concentrator — Characteristics, Operating Features, Testing and Maintenance Precautions	660-220-014	2	Analysis Plan — Preparation and Use of Private Services Trouble Record, Forms E-4641 and E-4641A
660-167-300	1	Cable Restoration — Dedicated Plant — Identifying Paper Insulated Cable Pairs	660-220-015	1	Analysis Plan — Telephone — Trouble Classifications and Preparation of Office Summary of Troubles — Form E-4643
660-195-0ZZ	-	For Bell Operating Company Use	660-220-016	2	Analysis Plan — Telegraph — Trouble Classifications and Preparation of Office Summary of Troubles, Form E-4645
660-198-9ZZ	-	For Long Lines Department Use	660-225-010	5	Results Measurement Plan — General
660-2 SPECIAL SERVICES			660-225-011	6	Results Measurement Plan — Definitions
660-200-010	1	Service Report Ticket, Form E-4071, Program, Video, and Music Transmission Service	660-225-014	1	Special Services Mechanized Results Measurement Plan — Index Plan
660-200-015	1	Minimum Service Charge Arrangements			
660-200-016	1	Customer Visits			
Add 660-200-300	1				
660-200-300	1	Special Safeguarding Measures			
660-200-301	2	Protection and Safeguarding			
660-200-302	1	Service Criticisms Accommodations			
660-201-010	3	Toll Telephone Facility Maintenance — Office Responsibilities			
660-202-010	1	Telegraph Facility and Service Maintenance — Office Responsibilities			
660-202-011	1	Telegraph Services — Establishing and Restoring Temporary Patches			

Section Number	Issue	Subject	Section Number	Issue	Subject
660-225-015	3	Mechanized Results Measurement Plan — Preparation and Use of the Private Service Report Ticket Forms E-4220-M and E-4221	Add 660-403-501	1	
			660-403-501	2	Measurement of Voice Frequency Crosstalk Coupling Using 2A or 2B Noise Measuring Set
660-225-016	4	Mechanized Results Measurement Plan — Procedures for Preparation and Transmission of Results Data to the Cleveland Data Processing Center	Add 660-403-503	2	
			660-403-503	4	Noise and Crosstalk Tests on Message Circuits — Operating and Testing Methods
660-225-017	1	Mechanized Results Measurement Plan — Reports and Results Summaries Produced by the Cleveland Data Processing Center	660-403-504	2	Signaling Systems — Over-all Tests on Trunks Employing Single Frequency Signaling
660-225-020	1	Special Services Mechanized Analysis Plan — General	660-403-505	1	Transmission Maintenance of Voice-Frequency — Carrier Telegraph Facilities
660-225-021	1	Special Service Mechanized Analysis Plan — Automatic Analysis Data	660-405-300	1	Data Systems — DATA-PHONE® Service — On Direct Distance Dialing Network — Toll Testroom Trouble Clearing Procedures
660-225-022	1	Special Service Mechanized Analysis Plan — Retrieval of Detailed Trouble Data	660-420-010	1	Automatic Trunk Test Frames Associated With ATMS — Central Office Administration
660-295-9ZZ	-	For Bell Operating Company Use	660-430-010	3	Control of Trunk Loss Deviations — General Considerations
660-298-9ZZ	-	For Long Lines Department Use	660-430-011	6	Control of Trunk Loss Deviations — Administration of Measurements — Use of Form E-3834 and Form E-5152
660-4 TRUNK MAINTENANCE — GENERAL			660-430-012	2	Control of Trunk Loss Deviations — Improvement Procedures
660-400-010	1	Trunk Service Results Plan	660-430-013	2	Control of Trunk Loss Deviations — Stability Recordings and Histories
660-401-010	3	Testing and Operating Precautions for Toll Services	660-440-010	2	Codes — Test Line Circuits and Communication Trunks Nationwide Distance Dialing Plan
660-402-010	2	Forms for Recording Transmission Measurements and Measurement Schedules	660-440-100	1	Code 100 — Noise and Balance Test Termination
660-402-300	11	Transmission Maintenance — Overall 1000-Hz Loss Measurements on Message Trunks	660-440-101	1	Code 101 — Secondary Testboard Communication and Test Trunk
660-402-310	1	Transmission Maintenance — Echo Suppressor Tests Using 58-Type Echo Suppressor Measuring System	660-440-102	1	Code 102 — 1 Milliwatt, 1000-Cycle Testing Power with Timed Disconnect
660-403-010	5	Forms for Recording Overall Noise Measurements on Trunks	660-440-103	1	Code 103 — Supervisory and Signaling Test Termination
660-403-011	3	Trunk Transmission Maintenance Index — Mechanized Summary Procedure — Data Reporting	660-440-104	1	Code 104 — Far-End Transmission Measuring and Noise Checking Circuit
660-403-300	2	Message Circuit Noise Measurements — Test Classifications and Intervals — Message Trunks	660-440-111	1	Code 161-X — Trouble Reporting Code for Use by Traffic in Multitestboard Cities
Add 660-403-301	1		660-440-112	1	Code 958 — Switching System Maintenance Center Communication Trunk
660-403-301	3	Investigation of Specific Noise and Crosstalk Troubles on Voice Frequency Circuits — Cable Circuits	660-440-113	1	Code 970-XXXX — Directing Code Used for Reaching OGT Test Frames in Crossbar Tandem Switching Offices
Add 660-403-302	1		660-450-010	5	Forms for Recording Circuit Order Test Results
660-403-302	2	Investigation of Specific Noise and Crosstalk Troubles on Voice Frequency Circuits — Open Wire Circuits	660-450-300	2	Circuit Order or Trunk Order Tests — For All Types of Message Trunks — General Information
Add 660-403-500	1		660-450-301	3	Circuit Order or Trunk Order Tests — All Types of Message Trunks
660-403-500	4	Message Circuit Noise Measurements on Message Trunks — Requirements			

SECTION 660-000-000

Section Number	Issue	Subject
660-450-302	1	Circuit Order or Trunk Order Tests for Carrier Telegraph Layouts
660-450-501	1	Circuit Order or Trunk Order Tests — Message Trunks — Testing Methods
660-450-502	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 2-Wire Switching Offices
660-450-503	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 4-Wire Switching Offices
660-450-504	1	Circuit Order or Trunk Order Tests — Testing Methods — Adjustment of Transmission Levels on Combination Trunks — Intermediate Offices
660-450-505	2	Circuit Order or Trunk Order Tests — Testing Methods — Channel Net Gain and Frequency Response Characteristics
660-470-100	2	Terminal Balance Testing — Class 4 and Higher Ranking Switching Offices in the Direct Distance Dialing (DDD) Network — General Information
660-470-500	3	Methods of Making Terminal Balance Tests in Toll Switching Offices — General Information
660-470-501	1	Terminal Balance Tests in Crossbar Tandem Offices
Add 660-470-502	1	
660-470-502	1	Terminal Balance Tests — No. 5 Crossbar Switching Offices
660-470-503	1	Terminal Balance Tests — Step-by-Step Switching Offices
Add 660-470-504	1	
660-470-504	1	Terminal Balance Tests — No. 4 Type Crossbar Switching Offices
● 660-471-100	1	Crossbar Tandem Offices — Through and Terminal Balance — General Information
Add 660-471-300	1	
660-471-300	1	Crossbar Tandem Offices Through Balance Requirements
660-471-301	1	Crossbar Tandem Offices — Terminal Balance Requirements
● 660-471-520	1	Selection of Office NBO in Large Class 5 Offices Served by Crossbar Tandem Office
660-475-100	4	Through Balance Testing — 2-Wire Class 3 and Higher Ranking Switching Offices in the Direct Distance Dialing (DDD) Network — General Information
660-475-500	3	Manual and No. 4 Crossbar — Tests in Two-Wire Switching Offices — Methods of Making Office Cabling Balance
660-475-501	2	Method of Making Office Cabling Balance Tests in Step-by-Step Switching Offices

Section Number	Issue	Subject
660-475-502	2	Office Cabling Balance Tests in No. 5 Crossbar Switching Offices
660-475-503	3	Office Cabling Balance Tests in Crossbar Tandem Switching Office
660-495-9ZZ	-	For Bell Operating Company Use
660-498-9ZZ	-	For Long Lines Department Use
660-5		TRUNK MAINTENANCE — LOCATIONS OTHER THAN TESTBOARDS
660-500-500	3	Transmission Testing of Message Trunks at Locations Other Than Testboards — General Information
660-501-500	2	Trunk Transmission Testing Using the Loop-Around Method
660-502-500	2	Manual Two-Way Transmission Measurement and Far-End Noise Check Using Code 104-Type Far-End Equipment
660-595-9ZZ	-	For Bell Operating Company Use
660-598-9ZZ	-	For Long Lines Department Use
660-6		TRUNK MAINTENANCE — TESTBOARD LOCATIONS
660-600-010	2	Trouble Log for Combined Primary and Secondary Toll Testboards
660-602-010	1	AOIT Test Frame — Routine Test Record — Form E-4323
660-602-300	1	Use of the Automatic Outgoing Intertoll Test Frame
<input type="checkbox"/> Add 660-620-010	1	
<input type="checkbox"/> 660-620-010	7	Toll Service Results Plan — General <i>Replaced by Trunk Results Plan</i>
<input type="checkbox"/> Add 660-620-011	1	
<input type="checkbox"/> 660-620-011	5	Toll Service Results Plan — Toll Service Report — Forms E-1025 and E-1025A <i>Replace by Trunk Results Plan</i>
<input type="checkbox"/> Add 660-620-014	1	
<input type="checkbox"/> 660-620-014	6	Toll Service Results Plan — Toll Service Results Summary — Form E-3994 <i>Replaced by Trunk Results Plan</i>
660-621-010	2	Classifying Distance Dialing Trouble Reports — DDD Service Bureaus (DDDSBs) and Data Service Bureaus (DSBs)
660-625-014	1	Trunk Performance Record Form E-5685
Add 660-625-300	1	
660-625-300	3	Procedures for Reporting and Handling Service Reports on Toll Message Trunks, Private Lines and VF Circuits
660-625-500	3	Test of Reporting Trunks and Associated Equipment
660-625-501	1	Analysis and Correction of Trunk Troubles — Testing in Depth

Section Number	Issue	Subject	Section Number	Issue	Subject
660-630-311	1	Maintenance of International Record Carrier Circuits — Channels to Overseas Location — Private Line Services	660-810-500	1	Line Fault Location — General Correction Methods
660-638-500	1	Emergency Access Trunks at Class 1, 2, or 3 Toll Switching Offices	660-811-500	1	Line Fault Location — Correction for Office Cable, Toll Entrance and Intermediate Cable and Loading
660-695-9ZZ	-	For Bell Operating Company Use	660-812-500	1	Line Fault Location — Correction for Change in Gauge and Capacitance
660-698-9ZZ	-	For Long Lines Department Use	660-813-500	1	Line Fault Location — Correction for Aerial and Underground Cable Temperature Differences
660-8 CABLE AND OPEN WIRE PLANT — MAINTENANCE			660-814-500	1	Line Fault Location — Correction for Transposed Cables
660-800-010	2	Toll Testboard Log for Open Wire and Cable Troubles	660-815-500	1	Fault Location — Supplementary Tests and Correction on Type J Carrier Lines
660-801-010	1	Toll Testboard Cable Records	660-816-500	1	Line Fault Location — Correction for Cables Arranged for Type K Carrier
660-802-010	1	Cable Trouble History — Testboard Record	660-817-500	1	Fault Location Methods — Test on Cable Pairs with Type N Carrier
660-803-010	1	Toll Cable Distance Records	660-818-300	1	Open Wire Breaks — Emergency Restoration of Facilities Using Covered Wire
660-804-010	1	Toll Cable Records — Facility Diagrams	Add660-819-500	1	
660-805-010	1	Toll Testboard Cable Records — Constants and Corrections	660-819-500	2	Fault Location Methods — Coaxial Cables
Add660-806-100	1		660-820-300	1	Reports of Lightning Damage to Toll Cables
660-806-100	2	Theory of Wheatstone Bridge Measurements and Line Fault Locations	660-822-300	1	Protector Drainage Installations on Open Wire and Toll Entrance Cable
660-806-500	1	Line Fault Location — Use of Wheatstone Bridges — KS-3011 and KS-5588	660-895-9ZZ	-	For Bell Operating Company Use
660-807-500	2	Faults — Open Wire and Cable — Voltmeter and Wheatstone Bridge — Testing Procedure	660-898-9ZZ	-	For Long Lines Department Use
660-808-010	1	Gas Pressure Testing — History Record and Maintenance Summary — (Periodic Charging System)			
Add660-809-500	1				
660-809-500	1	Faults — Cable Under Gas Pressure — Wheatstone Bridge Measurements and Preparation of Pressure Graph			