

JOB SPECIFICATIONS

NUMBERING PLAN

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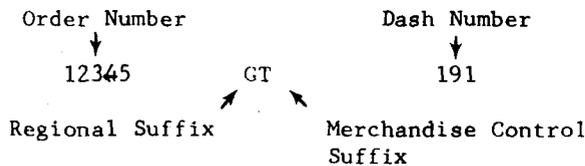
1. GENERAL

1.1 This section describes the Numbering Plan for Job Specifications and lists the suffix letters and three digit dash numbers used in the Numbering Plan.

2. SPECIFICATIONS

2.1 The number of a Job Specification consists of the 5-digit Job Order Number followed by two suffix letters and a 3-digit (dash) Specification Number.

Example:



2.2 The following is a list of the suffix letters employed as an explanation of their usage:

Regional Suffixes (1st Suffix) (See Note 1)

- | | |
|--------------------------------|--------------------------|
| G. Central | E. Northeastern |
| C. Eastern (Note 2) | P. Pacific |
| R. Eastern (Note 2) | S. Southern |
| A. Mountain Northwestern | B. Southwestern (Note 3) |
| Y. New York | T. Southwestern (Note 3) |
| D. Defense Activities Division | |

NOTE 1: Prior to Regionalization "H" was used as the first suffix for Specifications written in Hawthorne and "K" for those written in Kearny.

NOTE 2: Suffix "C" is used for Eastern Region orders for which Field Service activities are at the Region. Suffix "R" is used for orders for which Field Service activities are at Hawthorne or Kearny.

NOTE 3: Suffix "B" is used for those Southwestern Orders which are processed thru the Data Center at Clayton. Suffix "T" was used on all others.

Merchandise Control Suffixes
 (2nd Suffix)
 (See Note 4)

- | Hawthorne | Kearny |
|---|--|
| B. #1) | T. Miscellaneous including toll and toll terminal also "9600" orders |
| A. #4) Crossbar | Y. Broadband Carrier (J, K, & L) |
| D. #5) | P. Miscellaneous Broadband |
| H. Comb. (Dial) | R. Microwave Short Haul |
| E. ESS | S. Microwave Long Haul |
| G. Panel | N. Carrier (N, O & T) |
| F. Step-By-Step | K. Comb. (Toll) |
| J. Traffic Service System & Traffic Management System | U. Submarine Cable |

Kearny (Cont'd)

M. Long Haul Microwave Intra-Regional "System" orders scheduled by the Regions in conjunction with Program Administration-East

NOTE 4: The 2nd "Suffix on Power Only" orders carry the letter of the equipment with which the power plant is associated.

Common: These numbers are used for specifications covering equipment which serves all systems within a building. In general, this equipment such as bulk cable, power, framework, fuse bays --- etc., can be furnished and controlled by Kearny or Hawthorne Merchandise. This equipment is not to be confused with equipment classified as "common systems".

3. SPECIFICATION NUMBERS - COMMON AND SPECIAL

Special: These numbers are used for specifications covering special conditions.

SPEC. NO.	DESCRIPTION
000	TCS (Includes all Eqpt. for Entire Order)
007	Cable Racks, Ladder Equipment, Auxiliary Framing, Frame and Aisle Lighting, Non-Standard Power Lead Duct Equipment, Non-equipped Relay Racks and Duct Type Framework. (For use <u>only</u> on mechanized 355A orders engineered using the CCP System. When engineering 355A orders on a manual basis, use the 005 specification number.)
005	Misc. Cable, etc.) Short inter-
092	Frame - Unit Eqpt. -) val 1A Line Power & Inst. Info.) Conc. Eqpt.
010	Work to be Done by the Distributing House
011	Turnkey (outside Plant Eqpt.)
077	Engineering Service Order (ESO) is a T.C.E. order for which Western Electric provides the engineering and prepares a single longhand specification which covers private line, commercial customer and other short interval orders.
080	Mock Spec. (S.E.E. use only)
096	96 orders - these are single specification (096) orders which are used to rectify various undesirable conditions on jobs which have already been turned over to the customer. The mfg. effort is usually minimal and the majority of the work is performed in the field.
099	Customer Drawings - (originated by Mdse.) (not issued on orders which have all ckt. and maintenance dwgs. listed in one spec.).

SPEC. NO.	DESCRIPTION
003	Cabling-Bulk and Wire
005	Miscellaneous Bulk Cable and Wire (Excluding Formed Cable), Cable Racks, Ladder Equipment, Auxiliary Framing, Frame and Aisle Lighting, Non-Std. Pwr. Lead Duct Equip., Uneqpd. R.R. Duct Type Frwk., Cable Hole Sheathing, Misc. Supports, etc. (For small jobs only).
006	Cable Racks, Ladder Equipment, Auxiliary Framing and associated support material; End Guards (other than distributing frames and Duct Type Frwk.) Cable Hole Sheathing and Non-Std. Pwr. Lead Duct Equip.
009	Advance Shipment - Bulk Ca., Frwk. and CA. Racks
%021)	
%022)	
%023)	Cabling-Bulk and Wire
%024)	
%025)	
%031)	
%032)	Cable Racks, Ladder Equipment, Auxiliary Framing and associated support material; End Guards (other than distributing frames and equipment racks), Cable Hole Sheathing and Non-Standard Power Lead Duct Equipment.
%033)	
%034)	
%035)	
%041)	
%042)	Frame and Aisle Lighting and Miscellaneous AC Supplies for Frame Mounted Equipment.
%043)	
%044)	
%045)	
055	Frame & Aisle Lighting and Miscellaneous AC Supplies for Frame Mounted Equipment
062	Power Apparatus - Direct Shipment (DS) from outside suppliers
063	Miscellaneous power apparatus and Material (Noncoded), Battery Distributing Fuse Bays and Battery Control Board Distributing Bays

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
064	Power Conduit and Power Cable	109	Wave Guide Equipment (Indoor)
065	Coded Power Plant Equipment Except Battery Distributing Fuse Bays and Battery Control Board Distributing Bays	111	No. 1 Type Subs. Swbd., Key Indicator & Subs. Sld. Key Shelves
066	Reserve Power Plants	112	Emergency Alarm System & Fire Detection Equipment
068	Framework for Distributing Frames, Unequipped Relay Racks and Unequipped Frames; End Guards (distributing frames and Duct Type Frwk.)	113	No. 1 Trunk Swbd., CAMA Swbd., Call Indicator & Trunk Sld. Key Sh. (TDM Ptch Bay - Ky Cont. Orders or Ky Port. of Comb. Orders)
069	Fuse Bays (Common for all systems excluding No. 5 Crossbar Power Ringing and Tone Distribution Bay ordered in the 569 specification and Electronic Switching System No. 1 Power Distribution Frame ordered in the 369 specification)	114	No. 1 Type Toll Tandem Swbd.
070	Distributing Frame Equipment	115	No. 3 Type Swbd. & Toll Key Shelves Thru Toll Swbd.
071	Power Plant Non-X Parts	116	Inward Toll Swbd.
092	Installing and miscellaneous (Shop wired equipment not to be ordered in this specification.) (Always req. with more than 1-A & E spec.)	118	Circuit Patch Bay
	This specification may be used to combine the 070 and 092 specs., for 350A, 355 and 360A Dial Offices and Branch Offices.	120	Outward Toll Swbd.
093	Hardening Mat'l. (Shock isolation Eqpt.) (For use when customer requests Spl. billing.)	121	Toll Recording Swbd.
095	Equipment and Installation of Building Facilities for Reserve Power Plant	122	Tandem Patching Bay for Spare Equipments and patching for 4W and 6W UF Ckts
	% These specifications may be used on Toll Crossbar, Crossbar Tandem or larger orders for other systems in addition to the specification normally written for the indicated kind of equipment when it is desirable to write a specification for each floor, E.G., -033 for the fifth floor, -021 for the sixth floor, etc.	126	Toll Conference Service Multiport Conference Bridge
		127	No. 9 Toll, Rural, Trunk & Subs., except No. 11 Swbd.
		128	No. 12 Swbd. (fixed plan); No. 11 or 12 Swbd. (1st Lineup)
		129	No. 10 Swbd. and No. 11 or 12 Swbd. (2nd Lineup)
		130	Line Equip. Shop Wired Units
			This specification is used when the schedule will not permit ordering the line units in the switchboard (or desk) specification.
		131	Multiple P.B.X.
		132	Office Alarm Equip. (Incl. Telemetering)
		133	No. 17B, 18B, 19A or 20A Toll Test Board (17C T.T. Bd on Ky Cont. Orders or Ky Port. of Comb. Orders)
		134	No. 1 or 9B Telegraph Serviceboard or Hub Service Positions of No. 2 Telegraph Serviceboard, Auto, Tst. Line Fr.
		135	Telegraph Test or Morse Swbd. or Facility Positions of No. 2 Telegraph Serviceboard.
		136	Test and Control Swbd. or VF Line Facility Positions of No. 2 Telegraph Serviceboard
		137	Teletypewriter Swbds. or Concentrating Equip.
		138	Service Observing Swbd. (No. 12)
		139	Service Observing Swbd. (As Required)
		140	Cent. Supv. Console & R.R.
<p>4. <u>SPECIFICATION NUMBERS - MANUAL, TOLL AND TOLL TERMINAL</u></p>			
SPEC. NO.	DESCRIPTION		
100	Advance Shipment (Incl. Pwr. Editing See 102 & 009 for Ca. & Frwk.)		
101	Cabling - Formed or Formed & Connected to Apparatus		

(NOTE: If additional specification numbers are required 102, 104, 107 and/or 108 are used.)

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
141	Television Operating and Radio Equip.	187	"L" Carrier Repeater Bays) "L" Pilot Indicator Bay) Carrier Misc. Bay Equip.) Equip.
142	No. 15 Test Board		LP SS2 Sw Sys
143	Inc. Trk. Tst. Frame		"C", "H", "J" & "K" Carrier Equip.
144	Data Observing Test Console Equip. (DOTC)		
145	Stromberg-Carlson or Kellogg Co. Equip.	188	14-C Program Repeaters and Single Side Band Program Equip.
146	Operator's School	189	Ringers, Signal, Line and Balancing Equip.
147	Portable Test Sets and Mobile Test Bay	190	"N2" Carrier Package Equip.
148	Repair Service Desk	191	"N", "N2", Carrier Equip. (Nonpkg) (For "N3" see 290)
149	Chief Operator Desk		
150	Wire Chief or Local Test Desk		
151	Operating Room Desks (1st Lineup)	193	TH Radio Trnsmt. & Rcv. HF Patch Bay, L3 Carr. Master Grp. Eqpt.
152	Operating Room Desks) 2nd and 3rd	194	"TH" Radio Bay & Spare Equip. "TL" & "TM" Radio (with or w/o shelter not eqpd. at MV). Multiples Equip., "TJ" Radio
153	Operating Room Desks) Operating Units		
154	Information Desks	195	TL & TM Radio with Shelters (Non-std arrangement eqpd. at MV)
156	Distributing Desk	196	Station Equip. - Console Key Modules
157	Ticket Filing Desk	197	Station Equip. - Key Sets and Subset Equip.
158	Directory or Rate Quoting Desk	198	Station Equip. - Paging System and Computer Frame Terminations
159	TD Radio Muas., Prog. Sw., Mon, Term. Ptch. & Sw. Cont. Equip.	209	Wave Guide Equip. (Outdoor)
160	Voice Frequency Carrier Data	211)	
161	D.C. and Metallic Telegraph Equip. (Duplex and Single Line Repeater Equip.)	212)	
162	(See 220 Spec.)	213)	
172	Trunk Selector Switch Frame and Assoc. Relay Rack Units	214)	
173	Ticket Distg. (Pneumatic Type Systems)	215)	Misc. Equip. - Used when additional specs. are req'd with any of the lxx specs. or for use with equip. not frequently ordered such as PBX nonmult etc. and regular spec. number is not available.
174	Echo Suppressor Equip.	216)	
175	"L" Carrier High Frequency Patching Equip., JK, KL, LL, Connector Ckt. Units, Blocking Filters, Group Bank Bays	217)	
176	Television Terminal Equip.	218)	
177	Supergroup Terminal Bays	219	Central Office Cable Equalizer Bay (Picture Phone (R)) J1C150
178	Channel Bank Bays & Wide Band Data Unit	220	TD Microwave 100A Prot. Sw. Sys.
179	Key Ind. Frame Equip., Reg. Sel. Frames or Key Pulsing Equipment.	221	Broadband Restoration Equip. Telemetry including Console
180	Ticket Distg. - Track and Shuttle Type (Mech. Carrier)	222	Restoration (Patching, Switching and Local Control)
181	App. and Material (for Trouble Tubes)	223	Sub Loop Carr. Eqpt. (J99332A), U1 Carr.
182	Carrier Supply Bays, Pri. Frequency and Pilot Supply Bay	224	
183	TD Radio Relay Equip. or G-2 Control Bay or MJ Radio Link EQ	225	Auto Trans Meas System (J94051A)
184	No. 1 Jack Panel, Private Line Test-board, Private Line Telephone Bay, Private Line Telephoto Bay or Dial Access Private Line Tst Bd. (22A) (Tst Pos. & Assoc. Misc. R.R.) (See X31 for Sw. Frames)	226	Wide Band Data Test Center (J79915)
185	Alm. & Order Wire Equip., Balancing Network when assoc. with Order Wire Equip.	227	Wide Band Service Bay (J70168A) Wide Band Data Units (LWP, LWM, WLR)
186	Telephone Repeaters and Assoc. Line Equip.	237	Misc. Equip. Teletypewriter Swbds. Concentrating Equip.
		239	Misc. Equip. S.O. Swbd. (as req'd.) or TTY Fr.
		240	Trans. Meas. Common Equip.

SPEC. NO.	DESCRIPTION
242	Misc. Equip. No. 15 Test Board or Misc. Equip. Repair Service Desk or Misc. Equip. Chief Operator Desk or Misc. Equip. Wire Chief or Local Test Desk
244	D.O.T.C. Equip.
246	Misc. Equip. Operator's School
247	TH, TL & TM Radio Test & Spare Equip.
251	Misc. Equip. Oper. Rm. Desk (1st Oper. Unit)
252	Misc. Equip. Oper. Rm. Desk (2nd Oper. Unit)
253	Misc. Equip. Oper. Rm. Dsk. (3rd Oper. Unit) or 300 Type Switching
254	Misc. Equip. Information Desks or Misc. Equip. Distributing Desk or Misc. Equip. Ticket Filing Desk or Misc. Equip. Directory or Rate Quoting Desk
259	Misc. Equip. TD Radio Equip., (Suppl. 159 Spec.)
260	V.F. Tlg. Equip.
261	DC & Metallic Tlg. Eqpt. (Misc. - relocations, removals, etc.)
262	FM Auto. Sw. Sys. & FM Term.
273	Misc. Equip. Ticket Distq. (Pneumatic Type Systems)
274	TH-L or TJ-L Interconn. Equip.
275	TD-L Interconn. Equip.
276	4W Term Sets, Balancing Network (when assoc. with 4W. Term Sets) see 278 spec for V. F. Patch Bays
277	L-3 Sub-Master & Master Grp. Equip. Jumbo Grp Eqpt.
278	Voice Frequency Patch Bays, (see 276 spec for 4W. Term Sets)
279	Misc. Equip. Key Ind. Frame Equip., Reg. Sel. Frames or Key Pulsing Equip.
280	Misc. Equip. Ticket Distg. - Track and Shuttle Type (Mech. Carrier)
281	Misc. Equip. App. and Material (For Trouble Tubes)
282	Transistorized "L" Carrier Multiplex Equip.
283	Non-Western Radio Relay Equip.
284	Misc. Equip. No. 1 Jack Panel Private Line Test Board, Private Line Telephone Bay or Private Line Telephoto Bay
285	Alm & Order Wire Equip., Balancing Network when Associated with Order Wire Equip. (Suppl. 185 Spec.)
286	Telephone Repeaters and Assoc. Line Equip. (Suppl. 186 Spec.)
287	L-3 Carrier Aux. Repeaters (Non-EDPM Prepared)
288	Non-Western Carrier Equip.
289	Ringers, Signal, Line and Balancing Equip. (Non-EDPM)
290	"N3" Carrier Equip.

SPEC. NO.	DESCRIPTION
291	"ON", "O" Carrier Equip.
292	"L" Carrier High Frequency Patching Equip., JK, KL, LL Connector Ckt. Units, Blocking Filters, Group Bank Bays Grp. Distg. Frame
293	Future "N" or "O" Carrier Equip.
294	TL, TJ or TH Radio Relay Equip.
296	Future "N3" Carr. Equip.
297	"T" Carr. Equip.
5. SPECIFICATION NUMBERS - ELECTRONIC SWITCHING SYSTEM	
5.1	<u>Electronic Switching Systems No. 1</u>
SPEC. NO. DESCRIPTION	
300	Advance Shipment
330	Misc. and Misc. Power Frames, Misc. Circuit Equipment and ESS Alarms
332	Automatic Data Channel Test Frame (ADF Frame)
338	Service Observing Equip.
346	Maintenance Desks
347	Maintenance Test Sets
348	Repair Service Desk
350	Local and Central Test Desk Equip.
351	Software Growth
357	Parameters Data, and X-Ray Translations Data
358	Full Translations Data
359	Selected Line and Trunks Translation Data (SLATTS) for ESS No. 1 System.
361	Misc. Unit Changes
369	Power Distribution Frame
374	Short Lk, DC Data) Set. Voice Band) Digital Data Set) MCAD, DCAD and) LCAD) ADF Frames
376	Tape Unit and Control)
377	Mess. Store (Basic &) Supl.) Buffer Cont.) Block Processor)
380	Universal Trunk, Miscellaneous Trunk Arranged for SXS Units Recorded Announcement and Miscellaneous Power Frames
383	Non-ESS Office Alarm Equipment (includes alarm receiving, alarm sending, interoffice alarm and building alarm equip.)
384	Switching Network Equip. (includes line link and trunk link network frames, junctor frame and units, junctor grouping frame - if "J" code otherwise 068 and 070 specifications are used.)
385	Master Control Center (AMA-TTY, (Control Alarm, Display and Test; Memory Card Writer; Supl. Trunk Tester Frames)

SPEC. NO.	DESCRIPTION
→ 386	Miscellaneous Trunk Frames
387	Master Scanner, Central Pulse Distributor Frames, Bus Terminating Resistors
388	Signal Processor, Program Store, Central Control Call Store & Centrex Control Frame
390	Spare Circuit Packs and Other Spare Equipment
391	Carrier and Repeater Equip. (For ordering Equip. not sequenced by Ky Mds.)
→ 392	Job Sequence and GRC's (Growth Orders Only)
5.2	<u>Electronic Switching Systems No. 2</u>

SPEC. NO.	DESCRIPTION
→ 301	Formed Cable (other than 388 Formed Cable)
306	Cable Rack (ESS Type)
312	Emergency Alarm System Fire Detection Equipment
330	Misc. Frames, Misc. Power Frames and Misc. Alarm Units
347	Portable Test and Maintenance Equipment
350	Local and Central Test Desk Equipment
351	Software Growth
357	Software - Office Data Administration and Generic Program Magnetized Memory Cards and Associated Documentation.
361	Miscellaneous Unit Changes (Additions)
365	Ring Tone and 6.7V Converter Power Equipment
→ 368	Distributing Frame Equipment (ESS)
→ 369	Power Distributing Frame
→ 380	Universal Trunk and Junctor Frame, Master Scanner Frame, Supplementary Central Pulse Distributing Frame, Communication Bus Circuit
383	Office Alarm Equipment (Non-ESS)
384	Line Trunk Network Frames, Junctor Grouping Frame, Range Extension Frame, Recorded Announcement Frame
→ 385	Maintenance Center Frame, Trunk Test Frame, Automatic Message Accounting Frame
→ 386	Miscellaneous Trunk Frame
388	Central Processor Frame, Program Store Frame, Supplementary Call Store Frame
→ 390	Spare Circuit Packs and other Spare Equipment
→ 092	Miscellaneous

SPEC. NO.	DESCRIPTION
→ 5.3	<u>Electronic Switching Systems No. 2A</u>
330	Miscellaneous Frames
347	Portable Test and Maintenance Equipment
350	Local Test Cabinet
357	Software-Office Data Administration and Generic Program, Magnetized Memory Cards and Associated Documentation
386	Miscellaneous Trunk Frame
389	Miscellaneous Toll Units
390	N Carrier Toll
391	E-6, V-4 Repeater Equipment, Toll Shop Installation Information
392	Master "J" Spec. Orders Modules and all ESS Equipment
395	T-1 Carrier, Toll
→ 397	

SPEC. NO.	DESCRIPTION
5.4	<u>Electronic Switching Systems No. 101</u>
→ 320	2A Switch Unit - (Short Interval Only)
321	Maintenance Center Frame
322	Call Processor and Line Data Frame, Aux Call Processor Frame, Generic Program for PS & LIS Stores
→ 323	Digit Data Frame, Ext & Aux Data Digit FR
324	Trunk Control Frame and Trunk Relay Frames
325	Switch Units (less line Sw. Fr. for 4-A Sw. Unit)
326	Line Switching Frame
327	Reserved
→ 328	LIS & PS Administrative Data Magnetized Cards Program Store (PS) and Line Info. Store (LIS)
→ 347	Maintenance Test Sets
390	Spare Circuit Packs and other Spare Equipment

6. SPECIFICATION NUMBERS - PANEL

SPEC. NO.	DESCRIPTION
400	Advance Shipment (includes power)
401	Cabling - Formed or Formed & Connected to Apparatus
(NOTE: When additional specification numbers are required 402, 404, 407, and/or 408 are used.)	
411	"A" Switchboard and Units
412	Emergency Alarm Systems and Fire Detection Equipment
413	Call Dist. "B" Swbd. and Units, CAMA Switchboard, or CAMA Training Switchboard

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
414	Intercepting Trunk Finder Frame	456	Delayed Toll Ticket Control Table
415	Message Register Connector Frame	457	Ticket Filing Desk
416	L.T.D. Test Selector Frame	458	Wide Band Remote Switch Fr. & Supp. Fr. (J99341)
417	Sender Grouping Frame, Line Concentra- tor - Identifier Applied to Tele- phone Secretarial Service Equip. - Originating End	459	Misc. Desk and Switchboard Equipment (Small amounts of shop wired equip- ment such as relay rack units, also miscellaneous desk changes, for one or more desks where the amount of equipment to be ordered does not warrant writing a separate specifi- cation.)
418	Sender Make Busy Frame		
421	SXS Impluser Frame		
423	Call Announcer Equip. & Test Frame	460	Misc. Testing Equipment. Use this number for all misc. changes on test frames including misc. changes on the following frames; (416 Spec.) LTDTS Fr. (418 ") Sdr. Mk. Busy Fr. (431 ") Lk. Fdr. Fr. (432 ") Dr. Tst. & Tbl. Ind. Fr. (447 ") Test Sets (485 ") OGT Test Fr.
426	Traf. and Mess. Register Racks, Traf- fic Usage Recorder Frame	461	Misc. Frame Equipment
427	Terminating Sender Frame, Line Finder Interrupter Frame and Misc. Interup- ter Frame	473	Ticket Distributing System
428	Local Sender Frame	474	Line Switch or Line Finder Frame
429	"A" Position Sender and Link Circuit Frame or Dial Coin Zone Trunk Frame	475	Dist. Sel. Frame and Dist. Timing Frame
430	Misc. Circuit Equipment (Ordinarily all relay rack equipment not associ- ated with switchboards or desks)	476	Office Selector Frame
431	Stuck Connector Finder Frame or Link Finder Frame. (Use 531 for Sw. Fr-X Conn. Fr. - Buffer & Cont. Fr. for Dial Access Private Line Tst Bd & 184 for Tst Pos. - 22A Tst Bd)	477	Incoming Selector Frame
432	Decoder Test and Trouble Indicator or Pulse Machine Test Frame	478	Final Selector Frame
433	Sub. and Key Pulsing Sender Test Frame & Relay Interrupter Units	479	Subscriber Sender, Decoder Sender, Code Compressor, Code Compressor Connector, Subscriber Sender, Re- cycle Frames
434	"A" Position and Local Sender Test Frame	480	"B" Sender and Link Frame and "B" Sender Frame or Call Distg. "B" Link Frame and "B" Sender Frame
435	"A" Position Dist. Sel. Frame	481	Dist. Sender Selector or Decoder Conn. Frame
436	Final Multiple T.L. Frame	482	Dial Inc. Sender Frame
438	Service Observing Equipment	483	Floor Alarm Board and Power Alarm Cabinet
440	Dist. Sel. Test Frame, Panel Recorder Frame	484	Subscriber Link Frame
441	Dist. Test Conn. Frame	485	O.G.T. Testboard (Frame Type)
442	Office Sel. Test Frame	486	Telephone Repeaters and Testing Equipment
443	Inc. Sel. Test Frame, Inc. Sel. Off- Normal Detection and Release Fr.	487	Trans. or Decoder Frame
444	Final Selector Test Frame	488	Dial Inc. Sender Selector Frame
445	"B" Sender Test Frame, Call Distg. "B" Sender and Position Test Frame	489	Make Busy Frame
446	Chief Switchman's Desk		
447	Maintenance Test Sets	491	Carrier, Video, "E" Type Rept. Equip. (For Ordering Equip not Sequenced by Ky. Mdse. For Seq. Equip. use the appropriate specification num- bers in the lxx and 2xx series.)
448	Repair Service Desk and Units	493	Number Network Frame (ANI)
449	Operating Room Desk	494	Identifier Frame (ANI)
450	Local Test Desk and Units	495	PBX-AIOD
451	Jack Panels & MF Receiving & MF Cur- rent Supply Equip.	496	Outgoing Trunk Frame (ANI)
452	Test Supv. Private Desk	497	Outpulser Frame (ANI)
453	J-1 Control Terminal (Bell Boy [®])	498	Outpulser Identifier Truck Test Frame (ANI) or Trouble Ticketer Frame (ANI)
454	Central Information Desk & Units; Time Announcement and Weather Bureau Equipment; Oneway Speech Transmis- sion Equipment		

7. SPECIFICATION NUMBERS - NO. 5 CROSS-BAR		SPEC. NO.	DESCRIPTION
SPEC. NO.	DESCRIPTION		
500	Advance Shipment (includes power)	542	Wide Band Trk. TST Register Fr. (J27976)
501	Cabling - Formed or Formed & Connected to Apparatus	543	Wide Band Remote Switch Fr. & Supp Fr. (J99341)
	(NOTE: When additional specification numbers are required 502, 504, 507 and/or 508 are used.)	544	Wide Band Line Lk Fr. & Supp Fr.; Wide Band Junctor Lk. Fr. & Extension Fr.; Wide Band Trk. Lk. Fr. (J27459); Wide Band Distributing Fr (ED27758-10)
510	"MJ" Type Mobile Tel. Co. Equip. and/or Outside & Assoc. Equip. (Antenna, Trans. Rec. etc.)	545	Wide Band Remote Switch Signal Control Fr. & Supp Fr.; Wide Band Line Control Fr. & Supp Unit (J28779)
511	"A" Swbd. and Units	546	Maintenance Desks
512	Emerg. Alarm Sys. and Fire Det. Equip.	547	Maintenance Test Sets
513	Call Distg. "B" Swbd. and Units, CAMA Swbd., or CAMA Training Swbd.	548	Repair Service Desk and Units
517	Line Concentrator - Identifier Applied to Tel. Secretarial Service - Originating End	549	Operating Room Desks
522	Transverter and Transverter Conn. Frs. (AMA, ANI, or CAMA)	550	Local and Central Test Desk and Units
523	Master Timing Fr. (AMA), Translator Fr. (AMA), or Billing Indexer Fr. (CAMA)	551	MF Current Supply Frame and MF Receiving Unit
524	Recorder Frs., Call Identify Indexer Unit and Perforator Cabinet (AMA)	552	Test Supervisor's Private Desk
526	Traffic Reg. Rk., Mess. Reg. Rk., Traffic Usage Recorder Frame, and Mess. Timing Fr.	553	J-1 Control Terminal (Bell Boy [®])
527	Office Interrupter Frame	554	Central Information Desk and Units
529	Concentrator for Coin Zone Dialing	558	758C PBX
530	Relay Rack Frames (Misc. Units), Basic Coin Zone Concentrator Frame, Supplementary Coin Zone Concentrator Frame or Subscriber Line Concentrator Frame	559	Misc. Desk and Swbd. Equip.
531	Sw. Fr. - X Conn Fr. - Buffer & Cont. Fr. for Dial Access Private Line Tst Bd. (See 184 Spec. for Tst Pos.)	560	Misc. Testing Equip.
532	Master Test Frame, Master Test Fr. Control Bay, Jack Bay, Recorder Bay, Reg. Sdr. Test Bay, Office Test Fr., Line Verification Test Unit Mod. for Telemetry	561	Misc. Equip. Various Frames
534	Auto Progression Trunk Test Fr.	569	Power, Ringing & Tone Distributing Fr.
536	Line Insulation Test Frame or Line Observing Number Matching	574	Line Link Frames
537	Master Test Conn. Frame (AMA or CAMA), Aux. Master Test. Conn. Frame (AMA or CAMA), Dial Tone Marker Test Conn. Frame (CAMA), Supl. Master Test Conn. Frame, Supl. Aux. Master Test Conn. Frame (CAMA)	576	Junctor Grouping Frame
538	Service Observing Equip.	577	Trunk Link Frame
		578	Number Group Frame
		579	Originating Registers, Originating Register Line Memory, Outgoing Senders, 4 Wire Outgoing Sender MF, Intermarker Group Senders, Sender (CAMA), or MF Receiver (CAMA)
		580	Incoming Registers, Swbd. Portion of Central "B" Registers, Tandem Incoming Revertive Pulse Incoming Registers
		581	Originating Register Marker Conn., Incoming Register Marker Conn., Line Link Marker Conn., Aux. Register Marker Conn., or Comb. LL-IR Mkr. Conn. Conn. Fr.
		582	Trunk Link Conn., Supplementary Trunk Link Conn., Comb. LL-TL Conn. Fr., or LL-TL-NG-OS Conn. Fr. Wide Band Link Line LK-TRK LK Connector FR (J28154)
		583	Office Alarm Equip.
		584	Line Link Conn., No. Group Conn., Outgoing Sender Conn., Aux. Outgoing Sender Conn., or Comb. NG-OS Conn. Fr.
		585	Manual OGT Test Frame
		586	Relay Rack Frames (Incoming, Outgoing and Intra-Office Trunk Units)

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
587	Marker Frame and P.B.X. Allotter Frames; Wide Band Marker Frame (J28760)	621	Zone Registration Control Frame, Zone Registration Timing Interrupter Frame, Zone Registration District Connector Frame, District Group Connector, Call Identity Indexer, Sender Register Connector Frame.
588	Pretranslator Frame, Foreign Area Translator Conn. Fr.	622	Transverter, Transverter Connector Frames (AMA)
589	Trk. Grp. Traffic Sample Fr. (J28775B, C, D)	623	Calling Line Register (AMA) Translator (AMA), Master Timing (AMA), Billing Indexer Frame (Tandem AMA)
590	Incoming Register Link, Coin Supv. Link, Outgoing Sender Link, or Position Link (CAMA), Register Priority Link Frame	624	Zone Registration Test, Recorder (AMA), Perforator Cabinet, (AMA), Maintenance Recorder Cabinet (AMA)
591	Carrier Equip., Video Equip. & "E" Type Rept. Equip. (For Ordering Equip. not Sequenced by Ky. Mdse. For Seq. Equip used the appropriate specification numbers in the lxx and 2xx series.)	625	Transverter Trouble Indicator, Maintenance Recorder, Teletypewriter Table, Preference Chain Control Unit, Line Observing Frame and Group 100 (AMA)
595	PBX-AIOD	626	Traffic Register Rack and Traffic Register Relay Rack, Message Register Racks, Traffic Usage Recorder Frame
596	Route Distributor Fr. and Supplementary Fr. (J28777)		Mess. Tmg. Fr., Traf. Supv. Cabinet
597	Route Translator Fr. (28777)		Traf. Cont. Frame (TDM)
598	Translator Administrator and Test Fr. (J28777)	627	Office Interrupter Frame
<u>8. SPECIFICATION NUMBERS - NO. 1 CROSSBAR, CROSSBAR TANDEM</u>		628	Circuit Patch Jack Bay
		629	Dial Coin Zone Trunk Frame or Concentrator for Coin Zone Dialing
		630	Miscellaneous Circuit Equipment and ordinarily all relay rack equipment not associated with switchboards or desks
SPEC. NO.	DESCRIPTION	631	(Use 531 for Sw. Fr. - X Conn. Fr. - Buffer & Cont. Fr. for Dial Access Private Line Tst Bd & 184 Spec. for Tst Pos. - 22A Tst Bd)
600	Advance Shipment (includes power)	632	Originating Trouble Indicator Frame, Trouble Indicator Frame, Tbl. Rcdr. Fr., Tbl. Rcdr. Conn. Fr., Suppl. Tbl. Rcdr. Conn. Fr.
601	Cabling - Formed or Formed & Connected to Apparatus	633	Originating Sender Test Frame, Sender Test Frame, Sender Test Connector Frame, Supl. Sender Test Connector Frame (Tandem AMA)
	(NOTE: When additional specification numbers are required 602, 604, 607 and/or 608 are used.)	634	Controller Trouble Indicator Frame, Coin Rater-Charge Computer Tst Frm.
610	"MJ" Type Mobile Tel. Co. Equip. and/or Outside & Assoc. Equip. (Antenna, Trans, Rec. etc.)	635	No. 17B Toll Testboard
611	"A" Switchboard and Units	636	Line Insulation Test Frame Point to Point Data Recorder Frame (Tandem)
612	Emergency Alarm Systems and Fire Detection Equipment	637	Sender Test Connector Frame, Transverter Trouble Indicator Connector Frame (Tandem AMA)
613	Call Dstg. "B" Swbd. & Units, Tandem Office Swbd. (TDM AMA) CAMA Swbd. CAMA Trng. Swbd. 100A Traffic Service Position	638	Service Observing Equipment
614	Assignment Patch Jack Bay	639	Auto. Trans. Test and Control Frame, Teletypewriter Frame
615	Miscellaneous Frames and Units	640	District Junctor Test Frame, Truck Test Frame (Tandem)
616	Position-Position Control Fr.	641	Terminating Trouble Indicator Frame
617	Line Concentrator - Identifier Applied to Tel. Secretarial Service Equip. - Originating End		
618	Sender Make Busy Frame, Plugging Up Frame and Permanent Signal Holding Trunk Equipment		
619	Line Choice Connector Frame and Line Junctor Connector Frame		
620	Key Pulsing Sender Link Frame, Coin Supervisory Link Frame, Position Line Frame (Tandem AMA)		

<u>SPEC. NO.</u>	<u>DESCRIPTION</u>	<u>SPEC. NO.</u>	<u>DESCRIPTION</u>
643	Incoming Trunk Test Frame, Incoming Trunk Test Connector Frame, Trunk Test Frame (Tandem AMA), Trunk Test Connector Frame (Tandem AMA) (Auto. Directed Trunk Test Frame Outgoing Trunk Test Connector Frame	681	Originating Marker Connector Frame, Marker Connector Frame (Tandem)
644	Traf. Serv. Pos. Tst. Frame	682	Terminating Marker Connector Frame
645	Terminating Sender Test Frame	683	Office and Floor Alarm Equipment
646	Chief Switchman's Desk	684	Subscriber Sender Link Frame, Sender Link Frame (Tandem), Incoming Register and Link Frame (Tandem AMA), DP Link Fr.
647	Maintenance Test Sets	685	O.G.T. Test Frame
648	Repair Service Desk and Units	686	Incoming Trunk Frame and Supplementary Incoming Trunk Frame, Program Amplifier Equipment
649	Operating Room Desks	687	Originating Marker Frame, Marker Frame (Tandem), Group Busy Frame, Translator Frame
650	Local and Centralized Test Desks and Unit	688	Terminating Marker Frame - Pretranslator
651	MF Receiving and MF Current Supply Equip.	690	Terminating Sender Link Frame
652	Test Supervisor's Private Desk	691	Carrier Equip., Video Equip. & "E" Type Rept. Equip. (For Ordering Equip. not Sequenced by Ky. Mdse. For Sequenced Equip. use Appropriate Spec. in lxx or 2xx series.)
653	J-1 Control Terminal (Bell Boy (R))	693	Number Network Frame (ANI) or X-Number Network Frame (ANI), Traf. Serv. Pos. Link Controller, Traf. Serv. Pos. Link
654	Central Information Desk and Units	694	Identifier Fr. (ANI); Secondary Network Fr. (ANI), Data Trans. Channel Fr., Data Trans. Pos Conn. Fr., Data Trans. Sender Conn. Fr., Data Trans. Trk. Conn. Fr., Data Trans. Reg. Conn. Fr.
656	Delayed Toll Ticket Control Table	695	PBX-AIOD
657	Ticket Filing and Rate Quoting Desk	696	Outgoing Trunk Frame (ANI), Trk. Timer Link Fr.
658	Wide Band Remote Switch Fr. and Supp. Fr. (J99341)	697	Outputser Frame (ANI) or Outputser Link Frame (ANI), Coin-Charge Computer Fr.
659	Miscellaneous Desk and Switchboard Equipment; small amounts of shop wired equipment such as relay rack units, also miscellaneous desk changes, for one or more desks where the amount of equipment to be ordered does not warrant writing a separate specification.	698	Outputser Identifier Trunk Test Frame (ANI) or Trouble Ticketer Frame (ANI), Coin Rater Fr.
660	Miscellaneous Testing Equipment, Use this number for all misc. changes on test frames including misc. changes on the following frames: (618 spec.) Sdr. Mk. Busy Fr., (647 spec.) OGT Test Fr.	9.	<u>SPECIFICATION NUMBERS - STEP-BY-STEP</u>
661	Miscellaneous Equipment Various Frames	<u>SPEC. NO.</u>	<u>DESCRIPTION</u>
672	District Junctor Frame and District Junctor Grouping Frame, Tandem Trunk Frame (Tandem), Incoming Trunk Frame (Tandem AMA)	700	Advance Shipment (includes power)
673	Pneumatic Ticket System	701	Cabling - Formed or Formed & Connected to Apparatus
674	Line Link Frame, Line Junctor Grouping Frame		(NOTE: When additional specification numbers are required 702, 704, 707 and/or 708 are used.)
675	District Link Frame, Trunk Link Frame, Trunk Link Extension Frame	709	Selector Multiplying & Cross-Connections
676	Office Link Frame, Office Link Extension Frame and Office Junctor Group Frame	710	"MJ" Type Mobile Tel. Co. Equip. and/or Outside & Assoc. Equip (Antenna, Trans., Rec. etc.)
677	Incoming Link Frame and Incoming Link Extension Frame	711	"A" Switchboard and Units
678	Block Relay Frame and Number Group Connector Frame		
679	Subscriber and Key Pulsing Sender Frames and Units (AMA), Auxiliary Sender Frames and Units, Auto. Intercept Frame		
680	Terminating Sender Frame, Sender and Position Finder Frame		

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
712	Emergency Alarm Systems and Fire Detection Equipment	734	Key Pulsing Sender Test Fr.
713	Cordless "B" Swbd. and Units, CAMA Swbd. or CAMA Training Swbd.	735	Converter Fr. T.T. Calling (NC)
714	T.T.C. - Trnsl. Decoder Fr. (C), Decoder Route Rel. Fr. (C), F.A.T. Fr. (C)	736	Line Insulation Test Frame
715	T.T.C. - Trnsl. Conn. Fr. (C), Decoder Conn. Fr. (C)	738	Service Observing Equip.
716	T.T.C. - Orig. Reg. & Outpulser Cont. Fr. (C)	739	Outgoing Trunk Frame (AMA) Incoming Trunk Frame (CAMA), Outgoing Trunk Frame To #1 ESS
717	Line Concentrator - Identifier applied to Tel. Secretarial Service Equip. - Originating End	741	OGT Frame to ESS #1 Trouble Recorder Frame (AMA) Trouble Ticketer and Test Frame (CAMA)
718	Touch Tone Converter Fr. for T.T.C. (C)	743	Automatic Trunk Test Frame (AMA)
719	Line Switch Frame (incl. A.E. Line Sw.)	745	"B" Sender Test Frame
720	Line Finder and Trunk Finder Units	746	Chief Switchman's Desk
721	Call Identity Indexer Frame (AMA or CAMA) Perforator Cabinet (AMA or CAMA) Recorder Frame (AMA or CAMA)	747	Maintenance Test Sets
722	Sender Transverter Connector Frame (AMA) Transverter Frame (AMA or CAMA)	748	Repair Service Desk and Units
723	1st, 2nd, 3rd, 4th Special and Auxiliary Selector Shelves	749	Operating Room Desks, No. 20 Key Cabinets and Trunk Group Usage Equip.
724	Connector, Repeater and Miscellaneous Selector Shelves	750	Local Test Desk, Cable Location Test Desk and Units
725	Master Timing Frame (AMA or CAMA)	751	MF Current Supply Equip.
726	Traffic and Message Register Racks, Traffic Usage Recorder Frame	752	Test Supv. Private Desk
727	Dial P.B.X.	753	J-1 Control Terminal (Bell Boy (R))
728	Line Finder, Selector and Connector Shelves and Mechanical Equipment. (For small No. 1 office additions, for 350A and 360A Dial offices and Branch offices, or 355A offices engineered on a 26 week Combined Engineering and Manufacturing Interval.)	754	Information Desk and Units
729	Line Finder, Selector and Connector Shelves and Mechanical Equipment. (Used <u>only</u> on 355A orders requesting 20 or less shelves with no major power, No. 1, 35E-97, toll or carrier equipment and engineered on a 22 week Combined Engineering and Manufacturing Interval.)	756	T.T.C. - Pri. Reg. Trk. & Link Fr. (C), Sec. Reg. Trk. & Link Fr. (C)
730	Misc. Circuit Equip. and ordinarily all relay rack equip. not assoc. with swbds. or desks This specification may be used to combine the 726, 730 & 747 specs. for 350A, 355 & 360A Dial offices and Branch offices.	757	T.T.C. - Outgoing MF Trk. Frs. (C)
731	Conv. Trk. Fr. T.T. Calling (NC) (Use 531 for Sw. Fr. - X Conn. Fr. - Buffer & Cont. Fr. - For Dial Access Private Line Tst Bd & 184 for Tst Pos. - 22A Tst Bd)	758	Wide Band Remote Switch Fr. & Supp. Fr. (J99341)
732	Key Pulsing Sender Frame	759	Misc. Desk and Switchboard Equipment; small amounts of wired equipment such as relay rack units, also miscellaneous desk changes, for one or more desks where the amount of equipment to be ordered does not warrant writing a separate specification.
733	Sender-Identifier-Transverter Test Frame (AMA)	760	Misc. Equip. Various Frames (Misc. Equipment for Long Range Dialing and Testing Equipment)
		773	T.T.C. - Automatic Test Fr. (C)
		774	T.T.C. - Man. Tst. & Toll Tktr. Fr. (C)
		775	Non-W.E. Co. Manufactured Touch Tone Calling Equipment (ITT Tel Touch)
		778	Thousands Number Frame and Common Number and Class Frame (AMA)
		779	Sender and Sender Connector Frames (AMA)
			Sender Frame (CAMA) Multifrequency Receiver Frame (CAMA)
		780	"B" Line Frame and "B" Sender Frame
		781	"B" Swbd. Trunk Relay Rack Units
		782	Trunk Finder Sender Connector Frame, Identifier Trunk Connector Frame
			Code Connector Frame, Sender Trunk Connector Frame and Identifier Trunk Connector Frame (AMA)
		783	Office Alarms

SPEC. NO.	DESCRIPTION	SPEC. NO.	DESCRIPTION
784	Key Pulsing Link Frame		
→ 785	Manual O.G.T. Test Fr., Automatic O.G.T. Test Fr.		(NOTE: When additional specification numbers are required 802, 804, 807 and/or 808 are used.)
786	Program Amplifier Equipment		
788	Identifier Frame (AMA) Foreign Area Translator Frame (CAMA) Decoder Frame (CAMA)	-813	Auxiliary Service Positions 3A, 3B or 3C, 100B Console Chief Operator Adm. Cabinet, Central Supervisor Console Unit and Group Adm. Cabinets; Traffic Register Cabinets and Cameras, and Operator Training Equipment and Operator Number Identification Position.
790	Incoming Register and Link Frame (CAMA) Connector and Position Link Frame (CAMA)		
791	Carrier Equip., Video Equip., & "E" Type Rept. Equip. (For Ordering Equip. not Sequenced by Ky. Mdse. For Sequenced Equip. use the appropriate specification numbers in the 1xx and 2xx series.)	-816	Position Group Gate Frame, Position Scanner Frame, Position Signal Distributor Frame, and Position Buffer Frame.
793	Number Network Frame, X-No. Net. Fr. (ANI)	-817	Recorded Announcement Frame, Miscellaneous Frame, Teletypewriter Buffer Frame
794	Identifier Frame (ANI)		
795	PBX-AIOD	-818	Announcement Machine KS-19725 (AIS)
796	Outgoing Trunk Frame (ANI)	-824	Automatic Message Accounting Frame, Time of Day Frame
797	Outpulser Frame (ANI)		
798	Outpulser Identifier Trunk Test Frame (ANI) or Trouble Ticketer Frame (ANI)	-X26	Traffic Data Converter Frame IUR Converter Units, Encoder Units, Traffic Measurement System No. 1A
	<u>NOTE:</u> (C) - Indicates Common Control	-826	Traffic Data Summarizer, Remote Recorder Frame
	(NC) - Indicates Noncommon	-830	Misc. Frame (AIS)
	T.T.C. - Indicates Touch Tone Calling	-832	Control Display and Test Frame, Control Display Program Tape and TTY Frame
10.	<u>SPECIFICATION NUMBERS - STEP-BY-STEP (A.E. Co. Manufacture)</u>	-833	Trunk Test Frame (AIC)
	<u>NOTE:</u> All A.E. Co. <u>wired</u> equipment is ordered in the following specifications. Nonwired items, such as relays and terminal strips, may be ordered with Western material in the regular 700 series specification if these specifications are not written.	-X38	Service Observing Facilities (Desks, Sets) (AIC)
		-838	Service Observing Equipment Frame (TSPS No. 1).
		-847	Maintenance Test Sets
		-851	MF Receiver Frames (AIS)
		-857	Software (AIS) (TSPS)
		-858	Software (Reserved)
		-865	Power Converter Frame 6 Volt
		-869	Power Dist. Frame (local) Power Dist. Frame (remote), Miscellaneous Power Dist. Frame Power Dist. (AIC or CIB)
		-877	Trunk Link Network Frame, Junctor Switch Buildout Frame (JSBO-TLN). Junctor Switch Buildout Frame (JSBO-PLN), Trunk Switch Buildout Frame (TSBO-TLN), Position Link Network Frame. File Control Frames (AIS). Number Storage File Frame (AIS).
SPEC. NO.	DESCRIPTION	-883	Office and Floor Alarm Equipment
776	Line Switch and Out Trunk Switch	-885	Supplementary Maintenance Frame (AIS)
777	Selector, Connector, etc.	-886	Universal Trunk Frame (2 wire). Universal Trunk Frame (4 wire). Miscellaneous Trunk Frames, Supplementary Connector & Trunk Frame Connector, Trunk FRS (AIS)
11.	<u>SPECIFICATION NUMBERS - TRAFFIC SERVICE AND MANAGEMENT (See Note A under Paragraph 12.)</u>		Connector and Trunk Frames (AIC)
SPEC. NO.	DESCRIPTION	-887	Master Scanner Frame (AIS)
-800	Advance Shipment (includes power)	-886B	
-801	Cabling - Formed or Formed & Connected to Apparatus		

<u>SPEC. NO.</u>	<u>DESCRIPTION</u>	<u>SPEC. NO.</u>	<u>DESCRIPTION</u>
988	Transverter Frame (CAMA), Transverter Connector Frame (CAMA)	995	Signal Dist., Master Scanner, Cent. Pulse Dist. Fr., Peripheral Junction Transl. Units (E.T.S.)
989	Incoming Register and Register Link Frame Pretranslator Frame	996	Master Timing Frame (CAMA)
990	Trunk Class Translator Frame (CAMA)	997	OGT Identification Frame
→ 991	E6 and V4 Rptr Eqpt., Carrier Equipment	998	Billing Indexer Frame (CAMA)
993	Perforator Cabinet (CAMA), Recorder Frame (CAMA)		<u>NOTE A:</u> No. 4 Crossbar orders scheduled as 8xx specifications prior to 9-1-65
994	Call Identity Indexer Frame (CAMA)		

→ Arrowed lines indicate new or changed information.

Assistant Manager
Common Installation Engineering

Reason for Reissue:

(1) Various changes and additions.