

BELL SYSTEM PRACTICES
Teletypewriter Stations

SECTION P66.003
Issue 3, September, 1952
AT&T Co Standard

**81C1 AND 81D1 TELETYPEWRITER
SWITCHING SYSTEMS**
**LIST OF BSP SECTIONS USED IN
MAINTENANCE**

1. GENERAL

1.01 This section lists the Bell System Practices Sections (other than Teletypewriter—P-Sections) required for the maintenance of 81C1 and 81D1 Teletypewriter Switching Systems.

- A. At Switching Centers
- B. At Outlying Stations

1.02 This section has been reissued to include BSP Sections on the 81D1 System and to make other changes and additions. Unless otherwise indicated, the Sections listed apply to both types of Switching Systems.

AT SWITCHING CENTERS

<u>Equipment Covered or Subject</u>	<u>Bell System Practices</u>
1.03	
Ammeters, Voltmeters, Etc.	A438.923
Buzzer, 7-F	A438.006
Chairs, Operators	A206.001
Chairs, Operators, Repairs	A504.601

P95.002

**81C1 AND 81D1
TELETYPEWRITER
SWITCHING SYSTEMS
LIST OF BSP SECTIONS
USED IN MAINTENANCE**

<u>Equipment Covered or Subject</u>	<u>Bell System Practices</u>	
Cleaning of Equipment	A503.051	
Cleaning Flares of Jacks	A503.311	
Cleaning Key Contacts	A503.608	
Cleaning Materials—Identification and Application	H51.102	
Cleaning and Polishing Plugs	A503.305	
Cleaning Procedures for Relay Contacts	A503.605	
Definitions, General Requirements and	A400.001	
Dusting	H51.105	
Fire Extinguishers, Carbon Dioxide Type	H43.140	
Fire Prevention During Construction	H41.040	
Fire Protection Practices—Application and Use..	H40.010	
Fuses, Inspection of	A202.401	
Fuse Mounting Requirements	A401.571	
Gauges, Gram Tension, 62, 68, 70, 79 and 158-Type	A438.920	↖
Installations, Prevention of Service Interruptions During	A309.302	↙
Jacks, Cleaning Flares of	A503.311	
Jacks, 218, 242 and 303-Type	A430.004	
Jones Type Plugs	A430.011	
Key Contacts, Cleaning	A503.608	
Keys, C1 and 498-Type	A432.018	
Keys, C1 and 498-Type, piece parts	A506.011	
Keys, 547 and 552-Type	A432.052	
Keys, 272, 406, 498, 538, 552, 556, 6013, A4, B2, B9, and B20	A432.013	
Ladders	A206.005	↗
	A509.961	↗
Lamps, Extension and Cords	A206.050	
Plugs, Cleaning and Polishing	A503.305	
Plugs, Jones Type	A430.011	
Plugs, 47-Type (and similar types)	A203.007	

Equipment Covered or Subject

Bell System Practices

Power Supply	A401.507	
Compensators	A401.507	
Contactors	A401.004	
Counter EMF Cells	A401.516	
Knife Switches	A401.507	
Magnetic Switches	A401.508	
Power Plant, 48 Volt (81C1)	A301.701	
115 Volt (81C1)	A301.702	
48 Volt (81D1)	A301.703	↵
130 Volt (81D1)	A301.704	↵
Rectifier, 48 Volt (81C1)	A301.307	
130 Volt (81C1)	A301.305	
48 Volt (81D1)	A301.341	↵
130 Volt (81D1)	A301.332	↵
Starters	A401.507	
	A401.508	
Storage Batteries	A201.005	←
	A301.005	
	A401.001	
	A501.003	↵
	A801.910	↵
Test Loads		
Prevention of Service Interruptions During Installations	A309.302	←
Relay Contacts, Cleaning Procedures for	A503.605	
Relay, Control, KS-5350 (81D1)	A401.521	↵
Relay, Thermal, KS-13542 (81D1)	A462.022	↵
Relays, B-Type	A461.002	
Relays, B-Type, piece parts	A507.013	
Relays, E, F, H, R, and T (81C1)	A461.004	
Relays, J-Type	A461.005	
Relays, S-Type	A461.006	
Relays, S-Type, piece parts	A507.106	
Relays, U and UA Type	A461.011	
Relays, Y-Type	A461.010	
Relays, 260-Type and Weston Models 30, 534, and 546	A462.005	

<u>Equipment Covered or Subject</u>	<u>Bell System Practices</u>	
Relays and Relay Sets—Signal Type KS-3067, KS-5013, KS-5381, KS-5635, KS-6319, KS-6724..	A462.006	
Relays, KS-7801 to KS-7850, Inclusive (81C1)....	A462.014	
Relays, 239-Type (81C1)	A460.023	
Relays, 239-Type, piece parts (81C1)	A507.023	
Relays, 255-Type	A460.027	
Relays, 255-Type, piece parts	A507.027	
Relays, 266-Type (81C1)	A460.045	
Relays, 275 and 276-Type (81D1)	A460.055	↖
Relays, 280-Type (81D1)	A460.059	
Relays, 280-Type, piece parts (81D1)	A507.059	↙
Requirements, General and Definitions	A400.001	
Selector, 209-Type	A468.012	
Selector, 209-Type, piece parts	A508.201	
Selector, 209-Type—Voltage Tests Using 35D Test Set or Voltmeter	A493.102	←
Signal, Tone Bar	A438.007	
Soldering Coppers, Electric	A204.215	
Soldering Methods, General	A502.005	
Step Ladders—Use and Care	H51.201	
Switch, 304-M	A438.676	
Switch, 304-M, Soldering Strap Wires	A502.008	
Switch, 304-M, piece part data	A508.442	
Test Connections, Method of Making	A502.036	
Test Set, 111A2 (81C1)	A490.801	
Test Set, 116A1 (81D1)	A490.804	←
Test Set, 35-Type	A304.015	
	A702.002	←
Test Set, 35-Type, piece parts	A509.901	
Vacuum Tube Tests—KS-5727 Hickok Tube Tester (81C1)	A493.164	↖
	A702.664	
Vacuum Tube Tests—Hickok 530B (KS-8235) Tube Tester (81C1)	A702.661	
Vacuum Tube Tests—KS-15560 Hickok Tube Tester (81D1)	A493.158	
	A702.658	↙
Voltmeters, Ammeters, Etc.	A438.923	

Equipment Covered or Subject

Bell System Practices

AT OUTLYING STATIONS

1.04

Cleaning, Relay Contacts	B503.605	
Key Contacts	B503.608	
Keys, 552-Type	B432.013	
547 and 552-Type	B432.052	
Relays, S-Type (81C1)	B461.006	
Relays, U and UA-Type	B461.011	
Relays, Y-Type	B461.010	
Relays, 239-Type (81C1)	B460.023	
Relays, 280-Type	B460.059	←
Requirements, General	B400.001	
Soldering	B502.005	←
Soldering Coppers, Electric	B204.215	←
Test Sets, 35C and 35D	B702.002	