

TELEGRAPH SYSTEMS  
81D1 TELETYPEWRITER SWITCHING SYSTEM  
SWITCHING CENTER CIRCUITS  
RELAY FUNCTION CHARTS

List of Relay Function Charts

<u>Section</u>	<u>Subject</u>	<u>Associated Theory Schematic Drawing Section</u>
P70.606.01	Incoming Line or Trunk Circuit	{ P95.002.01 P95.002.02 P95.002.20 ←
P70.606.02	Originating Station Circuit	P95.002.03
P70.606.03	Director Circuit	P95.002.04
P70.606.04	Sequence Circuit	P95.002.05
P70.606.05	Outgoing Line or Trunk Circuit	P95.002.06
P70.606.06	Transmitter Start Circuit	P95.002.07
P70.606.07	Willful and Miscellaneous Intercept Circuit	P95.002.08
P70.606.08	Local Outlet Circuit	P95.002.09
P70.606.09	Group Code Circuit	P95.002.10
P70.606.10	Multiple Address Circuit	P95.002.11
P70.606.11	Multiple Address Intercept Circuit	P95.002.12
P70.606.12	48-Volt Power Circuit	P95.002.16
P70.606.13	130-Volt Power Circuit	P95.002.17
P70.606.14	Outgoing Multi-Channel Trunk Circuit	P95.002.18 ←
P70.606.15	Supplementary Multiple Address Circuit	P95.002.19 ←

Symbols Used in Relay Function Charts

- $\overline{A}$  Signifies that A Operates
- $\overline{A}^L$  Signifies that A Operates and Locks
- $\overline{A}$  Signifies that A Releases
- $\overline{A}$  Signifies that A Is Operated
- $\overline{A}^L$  Signifies that A Is Operated; now Locks
- $\underline{A}$  Signifies that A Is Released
- $\overline{P}^S$  Signifies that Polar Relay P Operates to Its Spacing Contact
- $\overline{P}^M$  Signifies that Polar Relay P Operates to Its Marking Contact
- $\overline{P}^3$  Signifies that Polar Relay P Operates to Its No. 3 Contact

Teletypewriter Symbols

- $\wedge$  Figures
- $\vee$  Letters

- $\leftarrow$  Carriage Return
- $\equiv$  Line Feed