

TELEPHONE SETS—304A, C; 5304C  
CONNECTIONS

NOTICE

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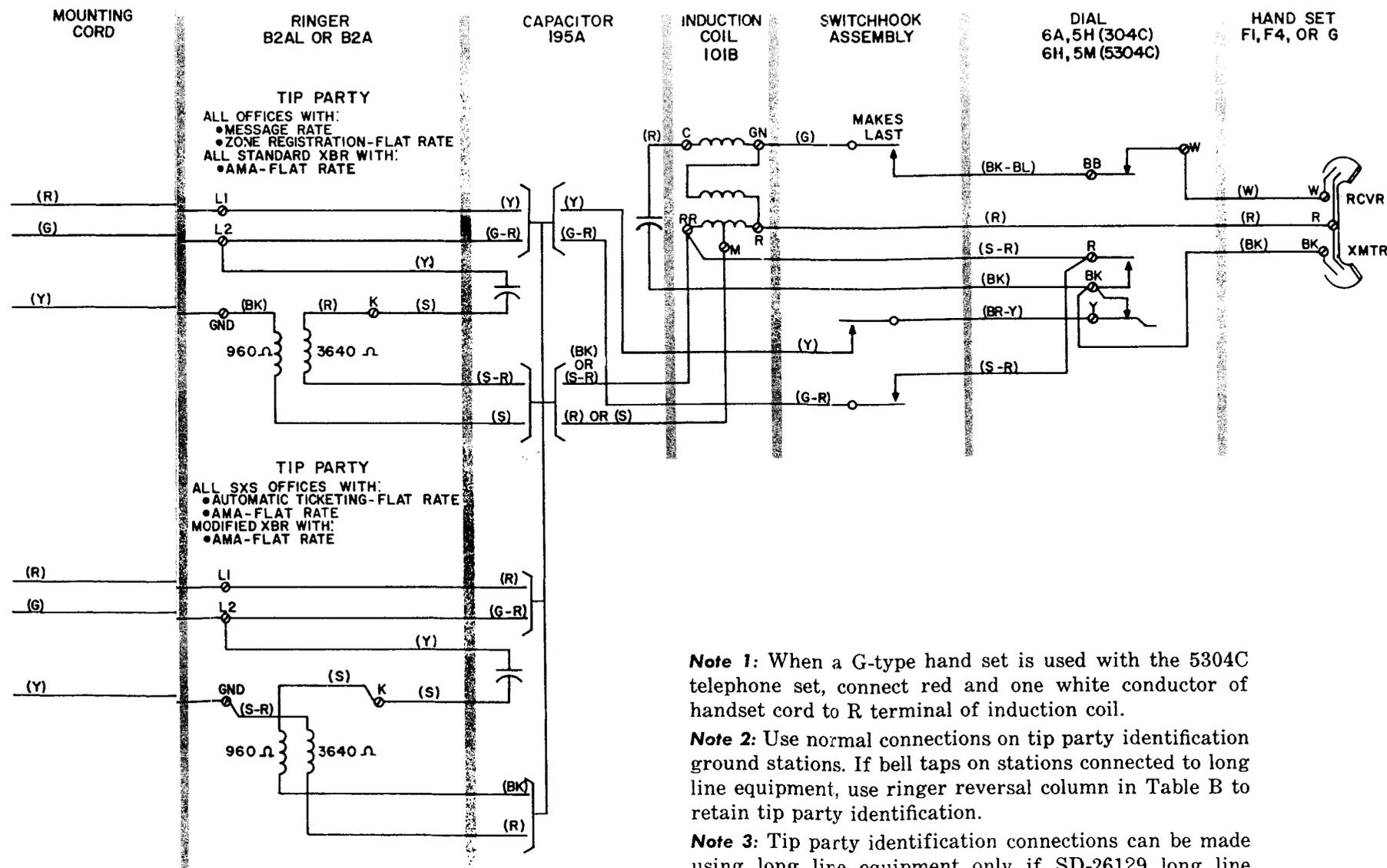
Pursuant to Judge Greene's Order of August 5, 1963,  
beginning on January 1, 1964, AT&T will cease to use  
"Bell" and the Bell symbol, with the exceptions as set  
forth in that Order. Pursuant thereto, any reference to  
"BELL" and/or the BELL symbol in this document is here-  
by deleted and "expunged".

**TABLE A**  
**RINGER LEAD CONNECTIONS TO SILENCE RINGER PERMANENTLY**

Class of Service		Ringer Leads			
		R	BK	S	S-R
Individual or Bridged Ring Party Tip Party — Flat Rate		K	K	E	E
Tip Party	Message Rate Zone Registration XBR with AMA	K	GRD	M	K
	SXS with AT SXS with AMA Mod XBR with AMA	M	K	K	GRD

**TABLE B**  
**LINE AND RINGER CONNECTIONS**

Wire or Lead		Tip Party Identification Ground			
		Normal Connection		Ringer Reversal When Connected to Long Line Equipment	
		Message Rate Zone Registration XBR With AMA	Flat Rate SXS With AT SXS With AMA Mod XBR With AMA	Message Rate Zone Registration XBR With AMA	Flat Rate SXS With AT SXS With AMA XBR With AMA
Mounting Cord In Set	R	L1	L1	L1	L1
	G	L2	L2	L2	L2
	Y	GRD	GRD	GRD	GRD
Ringer Leads	R	K	M	RR	GRD
	BK	GRD	RR	M	K
	S	M	K	GRD	RR
	S-R	RR	GRD	K	M
Ringing Capacitor Lead Switchhook Lead	Y	L2	L2	L2	L2
	S	K	K	K	K
	G-R	L2	L2	L2	L2
Mounting Cord at Connecting Block	R	R	R	R	R
	G	G	G	G	G
	Y	Y	Y	Y	Y
Line Wire at Connecting Block	Ring	R	R	R	R
	Tip	G	G	G	G
	GRD	Y	Y	Y	Y



**Note 1:** When a G-type hand set is used with the 5304C telephone set, connect red and one white conductor of handset cord to R terminal of induction coil.

**Note 2:** Use normal connections on tip party identification ground stations. If bell taps on stations connected to long line equipment, use ringer reversal column in Table B to retain tip party identification.

**Note 3:** Tip party identification connections can be made using long line equipment only if SD-26129 long line equipment is used in a No. 5 crossbar office. Tip party identification connections can be made in any type office (including crossbar) if SD-96588 long line equipment is used.

Fig. 1—304C and 5304C Telephone Sets (Tip Party Identification Required)

**TABLE C**  
**FILTER (OPTIONAL)**

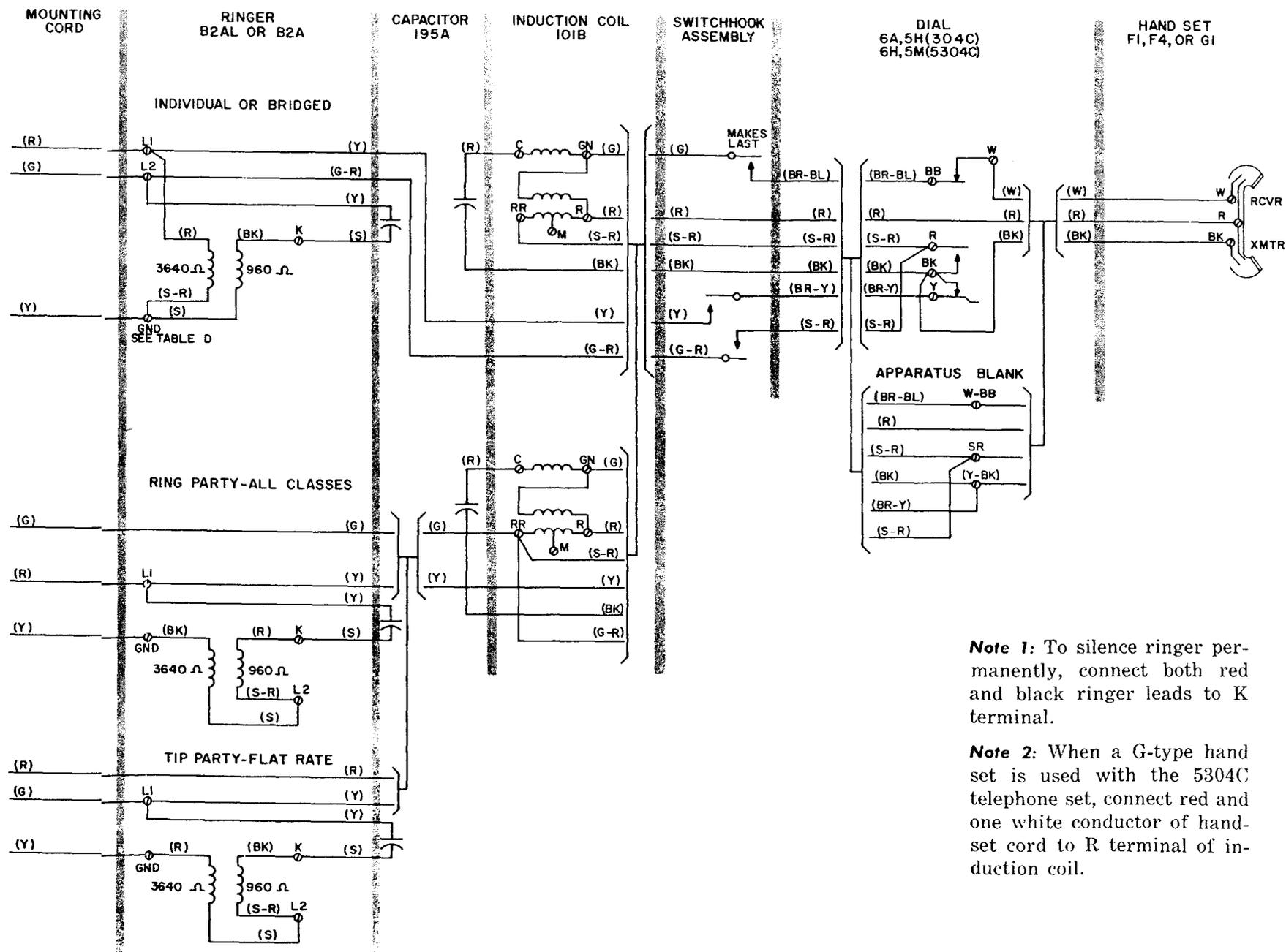
Type Filter*		Filter Leads	Filter Terminations
304C	5304C		
61P or 61L	61S	BK	BK of dial
		Y	Y of dial
		R	Filter bracket terminal †

\* Not required for 304A (manual) set.

† Disconnect BR-Y lead from Y of dial and reconnect to filter bracket terminal.

**TABLE D**  
**LINE AND RINGER CONNECTIONS**

Wire or Lead		Individual or Bridged	Ring Party All Classes of Service	Tip Party Flat Rate
Mounting Cord in Set	R	L1	L1	RR
	G	L2	RR	L1
	Y	GRD	GRD	GRD
Ringer Leads	R	L1	K	GRD
	BK	K	GRD	K
	S	GRD	L2	L2
	S-R	GRD	L2	L2
Ringing Capacitor Leads	Y	L2	L1	L1
	S	K	K	K
Switchhook Lead	G-R	RR	RR	RR
Mounting Cord at Connecting Block	R	R	R	R
	G	G	G	G
	Y	B	Y	Y
Line Wire at Connecting Block	Ring	R	R	R
	Tip	G	G	G
	GRD	Y	Y	Y



**Note 1:** To silence ringer permanently, connect both red and black ringer leads to K terminal.

**Note 2:** When a G-type hand set is used with the 5304C telephone set, connect red and one white conductor of hand-set cord to R terminal of induction coil.

Fig. 2-304 A, C, and 5304C Telephone Sets, Individual and Ring Station, All Services—Tip Party, Flat Rate

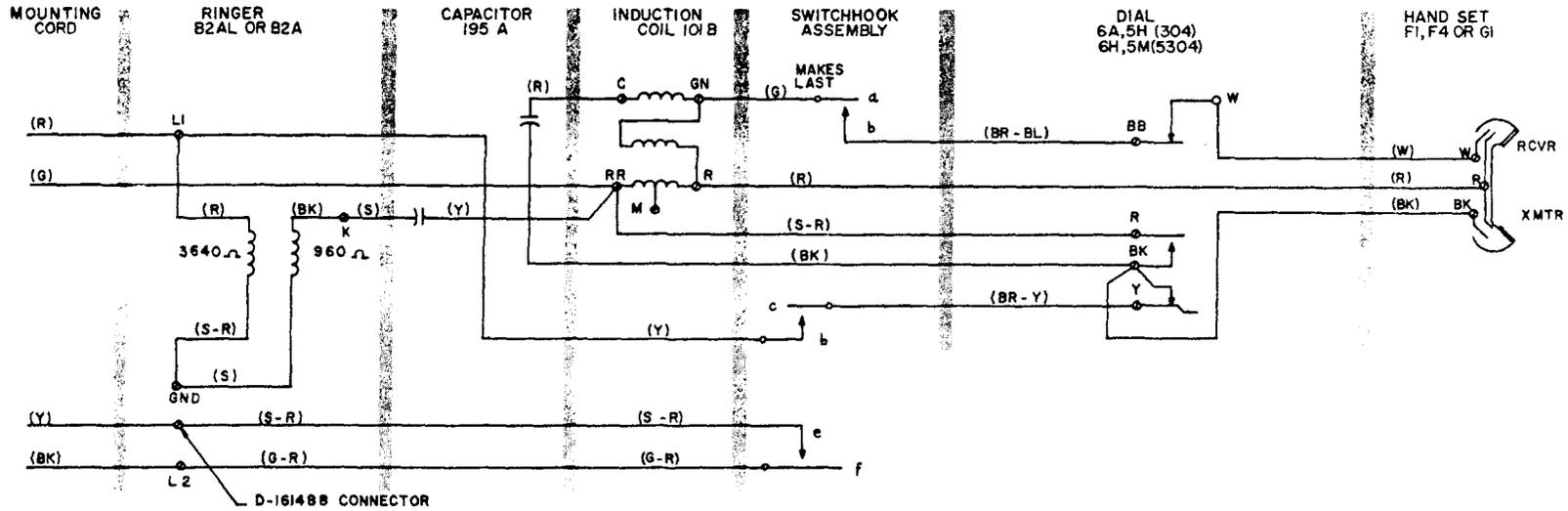


TABLE E  
LINE, RINGER, AND SWITCHHOOK CONNECTIONS

Wire or Lead		1A1 KTS Station
Mounting Cord in Set	R	L1
	G	RR
	Y	See Note 3
	BK	L2
Ringer Leads	R	L1
	BK	K
	S	GRD
	S-R	GRD
Ringing Capacitor Leads	Y	RR
	S	K
Switchhook Leads	G-R	L2
	S-R	See Note 3
Mounting Cord at Connecting Block	Ring	R
	Tip	G
	A1	Y
	A	BK

**Note 1:** To silence the ringer permanently, connect both red and black ringer leads to K terminal.

**Note 2:** When a G-type hand set is used with the 5304C telephone set, connect red and one white conductor of hand-set cord to R terminal of induction coil.

**Note 3:** To modify for use with 1A1 key telephone system:

- Replace 3-conductor mounting cord with 4-conductor mounting cord.
- Connect yellow lead of mounting cord and slate-red lead of switchhook to a D-161488 connector. Insulate and store.



*Switchhook contacts E and F must break last when handset is restored.*

Fig. 3—304C and 5304C Telephone Sets Modified for Use with 1A1 Key Telephone Systems