

## TERMINATION OF KEY AND RUNNING CABLES FOR EXCLUSION AND/OR CUT-OFF FEATURES

### I. GENERAL

- 1.01 This section covers the termination of key and running cables at bridging unit (201A) when exclusion or cut-off features are provided.
- 1.02 An index listing the various types of wiring, together with table numbers, is shown below. Individual cable connections are covered on tables numbered 12.01 through 12.08. All notes are located at the end of individual tables and are designated by the following symbols: ★
- 1.03 Connection data is shown for a maximum of five exclusion keys and for ten cut-off keys.
- 1.04 Connection data is shown for "R," "T," "A1," and "A" leads for exclusion keys. "L" and "LG" leads will be connected in the same manner as for stations that cannot be cut off or excluded.
- 1.05 Connection data is shown for "R" and "T" leads for cut-off keys. "A1," "A," "L," and "LG" leads will be connected in the same manner as for stations that cannot be cut off or excluded.

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#### STATION CABLE CONNECTIONS\*

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TABLE 12.01

**KEY CABLE CONNECTIONS FROM CUTTING-OFF STATIONS  
TO CUT-OFF BRIDGING UNIT (201A K.T.U.)**

CUTTING-OFF STA. NO.	LEAD DESIG.	KEY CABLE			CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
1	R T	15	G-W W	S BK	1 2
2	R T	15	G-W W	S BK	3 4
3	R T	15	G-W W	S BK	5 6
4	R T	15	G-W W	S BK	7 8
5	R T	15	G-W W	S BK	9 10
6	R T	15	G-W W	S BK	11 12
7	R T	15	G-W W	S BK	13 14
8	R T	15	G-W W	S BK	15 16
9	R T	15	G-W W	S BK	17 18
10	R T	15	G-W W	S BK	19 20

Reference: SD-69206-01  
SD-69219-01

**KEY CABLE CONNECTIONS BETWEEN STATIONS BEING CUT OFF AND CUT-OFF BRIDGING UNIT (201A) FOR ALL 1A1 KEY TELEPHONE SETS EXCEPT 565A\***

TABLE 12.02

LINE NO. IN CUT- OFF STA.	CUT- OFF STA.  LEAD DESIG.*	KEY CABLE			TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
	CONDUCTOR COLOR					
1	R T	1	BL W	BL W	1	1 2
	R T	1	BL W	BL W	2	3 4
	R T	1	BL W	BL W	3	5 6
	R T	1	BL W	BL W	4	7 8
	R T	1	BL W	BL W	5	9 10
	R T	1	BL W	BL W	6	11 12
	R T	1	BL W	BL W	7	13 14
	R T	1	BL W	BL W	8	15 16
	R T	1	BL W	BL W	9	17 18
	R T	1	BL W	BL W	10	19 20
2	R T	3	G W	G W	1	1 2
	R T	3	G W	G W	2	3 4
	R T	3	G W	G W	3	5 6
	R T	3	G W	G W	4	7 8
	R T	3	G W	G W	5	9 10
	R T	3	G W	G W	6	11 12
	R T	3	G W	G W	7	13 14
	R T	3	G W	G W	8	15 16
	R T	3	G W	G W	9	17 18
	R T	3	G W	G W	10	19 20

(Continued on Next Page)

**TABLE 12.02**  
**(Continued)**

LINE NO. IN CUT- OFF STA.	CUT- OFF STA. LEAD DESIG.★	KEY CABLE			TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
	CONDUCTOR COLOR					
3	R T	5	S W	S W	1	1 2
	R T	5	S W	S W	2	3 4
	R T	5	S W	S W	3	5 6
	R T	5	S W	S W	4	7 8
	R T	5	S W	S W	5	9 10
	R T	5	S W	S W	6	11 12
	R T	5	S W	S W	7	13 14
	R T	5	S W	S W	8	15 16
	R T	5	S W	S W	9	17 18
	R T	5	S W	S W	10	19 20
4	R T	7	BL-O W	O R	1	1 2
	R T	7	BL-O W	O R	2	3 4
	R T	7	BL-O W	O R	3	5 6
	R T	7	BL-O W	O R	4	7 8
	R T	7	BL-O W	O R	5	9 10
	R T	7	BL-O W	O R	6	11 12
	R T	7	BL-O W	O R	7	13 14
	R T	7	BL-O W	O R	8	15 16
	R T	7	BL-O W	O R	9	17 18
	R T	7	BL-O W	O R	10	19 20

(Continued on Next Page)

**TABLE 12.02**  
**(Continued)**

LINE NO. IN CUT- OFF STA.	CUT- OFF STA.	KEY CABLE			TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
	LEAD DESIG.*	PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
			CONDUCTOR COLOR			
5	R T	9	BL-BR W	BR R	1	1 2
	R T	9	BL-BR W	BR R	2	3 4
	R T	9	BL-BR W	BR R	3	5 6
	R T	9	BL-BR W	BR R	4	7 8
	R T	9	BL-BR W	BR R	5	9 10
	R T	9	BL-BR W	BR R	6	11 12
	R T	9	BL-BR W	BR R	7	13 14
	R T	9	BL-BR W	BR R	8	15 16
	R T	9	BL-BR W	BR R	9	17 18
	R T	9	BL-BR W	BR R	10	19 20

Note: \* "A1," "A," "L," and "LG" leads to these stations will be connected in the same manner as to stations which cannot be cut off or excluded.

Reference: SD-69206-01  
SD-69219-01

TABLE 12.03

**KEY CABLE CONNECTIONS BETWEEN STATIONS BEING CUT-OFF AND CUT-OFF BRIDGING UNIT (201A) FOR 565A KEY TELEPHONE SETS\***

LINE NO. IN CUT- OFF STA.	CUT- OFF STA.  LEAD DESIG.*	KEY CABLE			TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
	CONDUCTOR COLOR					
1	R T	1	BL W	BL W	1	1 2
	R T	1	BL W	BL W	2	3 4
	R T	1	BL W	BL W	3	5 6
	R T	1	BL W	BL W	4	7 8
	R T	1	BL W	BL W	5	9 10
	R T	1	BL W	BL W	6	11 12
	R T	1	BL W	BL W	7	13 14
	R T	1	BL W	BL W	8	15 16
	R T	1	BL W	BL W	9	17 18
	R T	1	BL W	BL W	10	19 20
2	R T	2	O W	O W	1	1 2
	R T	2	O W	O W	2	3 4
	R T	2	O W	O W	3	5 6
	R T	2	O W	O W	4	7 8
	R T	2	O W	O W	5	9 10
	R T	2	O W	O W	6	11 12
	R T	2	O W	O W	7	13 14
	R T	2	O W	O W	8	15 16
	R T	2	O W	O W	9	17 18
	R T	2	O W	O W	10	19 20

(Continued on Next Page)

TABLE 12 03  
(Continued)

LINE NO. IN CUT- OFF STA.	CUT- OFF STA.	KEY CABLE			TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
		LEAD DESIG.★	PAIR NO.	"C" INSIDE WIRING		
	CONDUCTOR COLOR					
3	R T	3	G W	G W	1	1 2
	R T	3	G W	G W	2	3 4
	R T	3	G W	G W	3	5 6
	R T	3	G W	G W	4	7 8
	R T	3	G W	G W	5	9 10
	R T	3	G W	G W	6	11 12
	R T	3	G W	G W	7	13 14
	R T	3	G W	G W	8	15 16
	R T	3	G W	G W	9	17 18
	R T	3	G W	G W	10	19 20
4	R T	4	BR W	BR W	1	1 2
	R T	4	BR W	BR W	2	3 4
	R T	4	BR W	BR W	3	5 6
	R T	4	BR W	BR W	4	7 8
	R T	4	BR W	BR W	5	9 10
	R T	4	BR W	BR W	6	11 12
	R T	4	BR W	BR W	7	13 14
	R T	4	BR W	BR W	8	15 16
	R T	4	BR W	BR W	9	17 18
	R T	4	BR W	BR W	10	19 20

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**TABLE 12.03**  
**(Continued)**

LINE NO. IN CUT- OFF STA.	CUT- OFF STA. LEAD DESIG.★	KEY CABLE		TO BE CUT OFF BY STA. NO.	CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING		
CONDUCTOR COLOR					
5	R T	5	S W	S W	1 2
	R T	5	S W	S W	3 4
	R T	5	S W	S W	5 6
	R T	5	S W	S W	7 8
	R T	5	S W	S W	9 10
	R T	5	S W	S W	11 12
	R T	5	S W	S W	13 14
	R T	5	S W	S W	15 16
	R T	5	S W	S W	17 18
	R T	5	S W	S W	19 20

Note: ★ "A1," "A," "L," and "LG" leads to these stations will be connected in the same manner as to stations which cannot be cut off or excluded.

Reference: SD-69219-01

**KEY CABLE CONNECTIONS FROM EXCLUDING STATION TO  
EXCLUSION BRIDGING UNIT (201A K.T.U.)**
**TABLE 12.04**

EXCLUDING STA. NO.	LEAD DESIG.	KEY CABLE			EXCLUSION 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
1	R T	13	O-BR W	G BK	1 2
	A1 A	14	O-S W	BR BK	3 4
2	R T	13	O-BR W	G BK	5 6
	A1 A	14	O-S W	BR BK	7 8
3	R T	13	O-BR W	G BK	9 10
	A1 A	14	O-S W	BR BK	11 12
4	R T	13	O-BR W	G BK	13 14
	A1 A	14	O-S W	BR BK	15 16
5	R T	13	O-BR W	G BK	17 18
	A1 A	14	O-S W	BR BK	19 20

Reference: SD-69206-01  
SD-69219-01

TABLE 12.05

**KEY CABLE CONNECTIONS BETWEEN EXCLUDED STATION  
AND EXCLUSION BRIDGING UNIT (201A K.T.U.) FOR ALL 1A1  
KEY TELEPHONE SETS EXCEPT 565A\***

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION  LEAD DESIG.★	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
			CONDUCTOR COLOR			
1	R T	1	BL W	BL W	1	1 2
	A1 A	2	O W	O W		3 4
	R T	1	BL W	BL W	2	5 6
	A1 A	2	O W	O W		7 8
	R T	1	BL W	BL W	3	9 10
	A1 A	2	O W	O W		11 12
	R T	1	BL W	BL W	4	13 14
	A1 A	2	O W	O W		15 16
	R T	1	BL W	BL W	5	17 18
	A1 A	2	O W	O W		19 20
2	R T	3	G W	G W	1	1 2
	A1 A	4	BR W	BR W		3 4
	R T	3	G W	G W	2	5 6
	A1 A	4	BR W	BR W		7 8
	R T	3	G W	G W	3	9 10
	A1 A	4	BR W	BR W		11 12
	R T	3	G W	G W	4	13 14
	A1 A	4	BR W	BR W		15 16
	R T	3	G W	G W	5	17 18
	A1 A	4	BR W	BR W		19 20

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TABLE 12.05  
(Continued)

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION  LEAD DESIG.★	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.	
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING			
			CONDUCTOR COLOR				
3	R T	5	S W	S W	1	1 2	
	A1 A	6	BL-W W	BL R		3 4	
	R T	5	S W	S W		2	5 6
	A1 A	6	BL-W W	BL R			7 8
	R T	5	S W	S W	3	9 10	
	A1 A	6	BL-W W	BL R		11 12	
	R T	5	S W	S W	4	13 14	
	A1 A	6	BL-W W	BL R		15 16	
	R T	5	S W	S W	5	17 18	
	A1 A	6	BL-W W	BL R		19 20	
4	R T	7	BL-O W	O R	1	1 2	
	A1 A	8	BL-G W	G R		3 4	
	R T	7	BL-O W	O R	2	5 6	
	A1 A	8	BL-G W	G R		7 8	
	R T	7	BL-O W	O R	3	9 10	
	A1 A	8	BL-G W	G R		11 12	
	R T	7	BL-O W	O R	4	13 14	
	A1 A	8	BL-G W	G R		15 16	
	R T	7	BL-O W	O R	5	17 18	
	A1 A	8	BL-G W	G R		19 20	

(Continued on Next Page)

**TABLE 12.05**  
**(Continued)**

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.	
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING			
	LEAD DESIG.★		CONDUCTOR COLOR				
5	R T	9	BL-BR W	BR R	1	1 2	
	Al A	10	BL-S W	S R		3 4	
	R T	9	BL-BR W	BR R		2	5 6
	Al A	10	BL-S W	S R			7 8
	R T	9	BL-BR W	BR R	3	9 10	
	Al A	10	BL-S W	S R		11 12	
	R T	9	BL-BR W	BR R	4	13 14	
	Al A	10	BL-S W	S R		15 16	
	R T	9	BL-BR W	BR R	5	17 18	
	Al A	10	BL-S W	S R		19 20	

Note: ★ "L" and "LG" leads to these stations will be connected in the same manner as to stations which cannot be cut off or excluded.

Reference: SD-69206-01  
SD-69219-01

**KEY CABLE CONNECTIONS BETWEEN EXCLUDED STATION  
AND EXCLUSION BRIDGING UNIT (201A K.T.U.) FOR 565A KEY  
TELEPHONE SETS ONLY\***

TABLE 12.06

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION  LEAD DESIG.*	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
			CONDUCTOR COLOR			
1	R T	1	BL W	BL W	1	1 2
	Al A	7	BL- W	O R		3 4
	R T	1	BL W	BL W	2	5 6
	Al A	7	BL- W	O R		7 8
	R T	1	BL W	BL W	3	9 10
	Al A	7	BL- W	O R		11 12
	R T	1	BL W	BL W	4	13 14
	Al A	7	BL- W	O R		15 16
	R T	1	BL W	BL W	5	17 18
	Al A	7	BL- W	O R		19 20
2	R T	2	O W	O W	1	1 2
	A	8	BL-G(W)	G(R)		4
	R T	2	O W	O W	2	5 6
	A	8	BL-G(W)	G(R)		8
	R T	2	O W	O W	3	9 10
	A	8	BL-G(W)	G(R)		12
	R T	2	O W	O W	4	13 14
	A	8	BL-G(W)	G(R)		16
	R T	2	O W	O W	5	17 18
	A	8	BL-G(W)	G(R)		20

(Continued on Next Page)

**TABLE 12.06  
(Continued)**

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		
	LEAD DESIG.★		CONDUCTOR COLOR			
3	R T	3	G W	G W	1	1 2
	A	8	W(BL-G)	R(G)		4
	R T	3	G W	G W	2	5 6
	A	8	W(BL-G)	R(G)		8
	R T	3	G W	G W	3	9 10
	A	8	W(BL-G)	R(G)		12
	R T	3	G W	G W	4	13 14
	A	8	W(BL-G)	R(G)		16
	R T	3	G W	G W	5	17 18
A	8	W(BL-G)	R(G)	20		
4	R T	4	BR W	BR W	1	1 2
	A	9	BL-BR(W)	BR(R)		4
	R T	4	BR W	BR W	2	5 6
	A	9	BL-BR(W)	BR(R)		8
	R T	4	BR W	BR W	3	9 10
	A	9	BL-BR(W)	BR(R)		12
	R T	4	BR W	BR W	4	13 14
	A	9	BL-BR(W)	BR(R)		16
	R T	4	BR W	BR W	5	17 18
A	9	BL-BR(W)	BR(R)	20		

(Continued on Next Page)

TABLE 12.06  
(Continued)

LINE NO. IN EX- CLUDED STA.	EXCLUDED STATION	KEY CABLE			TO BE EXCLUDED BY STA. NO.	EXCLUSION 201A K.T.U. TERM.
		LEAD DESIG.*	PAIR NO.	"C" INSIDE WIRING		
	CONDUCTOR COLOR					
5	R T	5	S W	S W	1	1 2
	A	9	W(BL-BR)	R(BR)		4
	R T	5	S W	S W		2
	A	9	W(BL-BR)	R(BR)	8	
	R T	5	S W	S W	3	9 10
	A	9	W(BL-BR)	R(BR)		12
	R T	5	S W	S W	4	13 14
	A	9	W(BL-BR)	R(BR)		16
	R T	5	S W	S W	5	17 18
A	9	W(BL-BR)	R(BR)	20		
6	R T	6	BL-W W	BL R	1	1 2
	A	10	BL-S(W)	S(R)		4
	R T	6	BL-W W	BL R	2	5 6
	A	10	BL-S(W)	S(R)		8
	R T	6	BL-W W	BL R	3	9 10
	A	10	BL-S(W)	S(R)		12
	R T	6	BL-W W	BL R	4	13 14
	A	10	BL-S(W)	S(R)		16
	R T	6	BL-W W	BL R	5	17 18
A	10	BL-S(W)	S(R)	20		

Note: \* "L" and "LG" leads to these stations will be connected in the same manner as to stations which cannot be cut off or excluded.

Reference: SD-69219-01

TABLE 12.07

**RUNNING CABLE CONNECTIONS BETWEEN CUTTING-OFF STATIONS AND BRIDGING UNIT (201A) AND BETWEEN BRIDGING UNIT (201A) AND STATION BEING CUT OFF FOR ALL 1A1 KEY TELEPHONE SETS**

TYPE OF STA.	LEAD DESIG.	RUNNING CABLE			CUT-OFF 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
CUTTING-OFF STA.— NO. 1	R T	15	G-W W	S BK	1 2
STA. BEING CUT OFF BY STA. NO. 1	R T	27	BL-O R	O-W W	1 2
CUTTING-OFF STA.— NO. 2	R T	28	BL-G R	G-W W	3 4
STA. BEING CUT OFF BY STA. NO. 2	R T	29	BL-BR R	BR-W W	3 4
CUTTING-OFF STA.— NO. 3	R T	30	BL-S R	S-W W	5 6
STA. BEING CUT OFF BY STA. NO. 3	R T	31	O-W R	BL-W R	5 6
CUTTING-OFF STA.— NO. 4	R T	32	O-G R	O-W R	7 8
STA. BEING CUT OFF BY STA. NO. 4	R T	33	O-BR R	G-W R	7 8
CUTTING-OFF STA.— NO. 5	R T	34	O-S R	BR-W R	9 10
STA. BEING CUT OFF BY STA. NO. 5	R T	35	G-W R	S-W R	9 10
CUTTING-OFF STA.— NO. 6	R T	36	G-BR R	BL-W BK	11 12
STA. BEING CUT OFF BY STA. NO. 6	R T	37	G-S R	O-W BK	11 12
CUTTING-OFF STA.— NO. 7	R T	38	BR-W R	G-W BK	13 14
STA. BEING CUT OFF BY STA. NO. 7	R T	39	BR-S R	BR-W BK	13 14
CUTTING-OFF STA.— NO. 8	R T	40	S-W R	S-W BK	15 16
STA. BEING CUT OFF BY STA. NO. 8	R T	41	BL BK	BL-W Y	15 16
CUTTING-OFF STA.— NO. 9	R T	42	O BK	O-W Y	17 18
STA. BEING CUT OFF BY STA. NO. 9	R T	43	G BK	G-W Y	17 18
CUTTING-OFF STA.— NO. 10	R T	44	BR BK	BR-W Y	19 20
STA. BEING CUT OFF BY STA. NO. 10	R T	45	S BK	S-W Y	19 20

**RUNNING CABLE CONNECTIONS BETWEEN EXCLUDING STATIONS AND BRIDGING UNIT (201A) AND BETWEEN BRIDGING UNIT (201A) AND EXCLUDED STATIONS FOR ALL 1A1 KEY TELEPHONE SETS**

TABLE 12.08

TYPE OF STA.	LEAD DESIG.	RUNNING CABLE			EXCLUSION 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
EXCLUDING STA.— NO. 1	R T	13	O-BR W	G BK	1 2
	A1 A	14	O-S W	BR BK	3 4
STA. BEING EXCLUDED BY STA. NO. 1	R T	27	BL-O R	O-W W	1 2
	A1 A	28	BL-G R	G-W W	3 4
EXCLUDING STA.— NO. 2	R T	29	BL-BR R	BR-W W	5 6
	A1 A	30	BL-S R	S-W W	7 8
STA. BEING EXCLUDED BY STA. NO. 2	R T	31	O-W R	BL-W R	5 6
	A1 A	32	O-G R	O-W R	7 8
EXCLUDING STA.— NO. 3	R T	33	O-BR R	G-W R	9 10
	A1 A	34	O-S R	BR-W R	11 12
STA. BEING EXCLUDED BY STA. NO. 3	R T	35	G-W R	S-W R	9 10
	A1 A	36	G-BR R	BL-W BK	11 12
EXCLUDING STA.— NO. 4	R T	37	G-S R	O-W BK	13 14
	A1 A	38	BR-W R	G-W BK	15 16
STA. BEING EXCLUDED BY STA. NO. 4	R T	39	BR-S R	BR-W BK	13 14
	A1 A	40	S-W R	S-W BK	15 16
EXCLUDING STA.— NO. 5	R T	41	BL BK	BL-W Y	17 18
	A1 A	42	O BK	O-W Y	19 20
STA. BEING EXCLUDED BY STA. NO. 5	R T	43	G BK	G-W Y	17 18
	A1 A	44	BR BK	BR-W Y	19 20