

CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINES
212A AND 202A KEY TELEPHONE UNITS
TERMINATIONS IN APPARATUS CABINET

1. GENERAL

- 1.01 This section covers the connections required on 212A and 202A key telephone units. This includes strapping between key telephone units, terminating of wires from power source, terminating of lines from central office or private branch exchange, and terminating of key or running cables from key telephone stations.
- 1.02 The data shown in this section at the time of its issuance reflected the latest wiring connection arrangements. In some cases these arrangements are not consistent with those shown on existing drawings. It is planned to include these changes in future revisions of such drawings.
- 1.03 An index listing the various features, power sources, types of associated equipment, and table numbers is shown below and on pages 2 and 3 of this section.

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WIRING BETWEEN KEY TELEPHONE UNITS

TYPE OF INSTALLATION	FEATURE OR OPERATION	TYPE OF K.T.U. USED	LINE NO. IN SYS.	TABLE NO. ★	PAGE NO. ✖
New Installations	Original Factory Strapping	212A or 200D	1 Through 3	5.16	25
	Add Wink and/or Aud. Sig. Control Ckt.	212A or 200D	1 Through 3	5.01	4
	Add Lines to 212A and 200D K.T.U. (Wink Ckt. May or May Not Be Provided)	202A	4 Through 6	4.01	4
		202B	5 and 6	4.02	6
Existing Installations	Add Lines	202A	4 Through 6	4.01	4
		202B	5 and 6	4.02	6
	Add Wink and/or Aud. Sig. Control Ckt.	212A	1 Through 3	5.01	4
		202A	4 Through 6	4.03	8
		202B	5 and 6	4.04	9

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(Continued)
CABLE CONNECTION TO CO OR PBX LINE UNITS (212A AND 202A)

LINES TO	TYPE OF CKT.		TYPE OF KEY TEL. SET USED	TABLE NO.★	PAGE NO.✳
CO or PBX— Incoming or Running Cable	Feed		—	4.06	11
Stations— Key Cable	Line, Lamp, and Control		All 1A1 Sys. Sets Except 565A	4.07	12
			565A	4.08	13
	Common Aud. Sig.	First Ckt.	—	5.15	24
Second Ckt.					
Stations— Running Cable	Line, Lamp, and Control		All 1A1 Sys. Sets	4.07	12
			Systems Using 565A Sets Only	4.08	13
	Common Aud. Sig.	First Ckt.	—	5.15	24
		Second Ckt.			

POWER WIRING

POWER							
FURNISHED	TYPE□	SOURCE	CONNECTED FROM	TYPE OF K.T.U. USED		TABLE NO.★	PAGE NO.✳
Through Fuse and Ringing Lamp Units	Battery	101G Power Plant or Transformer	Incoming Power to Fuse and Ringing Lamp Units	Fuse Unit 201A		2.05	15
		CO, PBX, Bldg, or Local Battery				2.06	17
	Generator	CO or PBX Ringing Supply		Ringing Lamp Unit 211A or 11A		2.08	19
	Battery	—		Fuse Unit to Noise Suppression Unit	Noise Suppression Unit★★211A or 23A		2.09
		—	Fuse Unit to CO or PBX Line Unit	CO or PBX Line Unit	202A and 212A	4.05	10
	Generator	—	Ringing Lamp Unit to CO or PBX Line Unit		212A	5.07	13
	Battery or Generator	—	Fuse Unit or Ringing Lamp Unit to Aud. Sig. Control Unit	Aud. Sig. Control Unit 211A or 16A		2.11	21

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INDEX
(Continued)
POWER WIRING (Continued)

POWER				TYPE OF K.T.U. USED	TABLE NO.★	PAGE NO.✕			
FURNISHED	TYPE□	SOURCE	CONNECTED FROM						
Direct to Line or Control Units	Battery and Generator	101G Power Plant, Transformer, or Static Ringing Generator	Incoming Power to CO or PBX Line Unit	CO or PBX Line Unit 212A	5.08	14			
	Battery	CO, PBX, Bldg, or Local Battery					Noise Suppression Unit to CO or PBX Line Unit	Noise Suppression Unit★★ 211A or 23A	5.09
		—	211A	2.14	26				
	Battery and Generator	101G Power Plant, Transformer, or Static Ringing Generator ■				Incoming Power to Aud. Sig. Control Unit	Common Aud. Sig. Control Unit	16A	2.16
	Battery	CO, PBX, Bldg, or Local Battery ■	2.17	29					
	Battery and Generator	101G Power Plant, Transformer, or Static Ringing Generator ■			2.18				
	Battery	CO, PBX, Bldg, or Local Battery ■	211A or 16A	5.11					
	Battery or Generator	All **			Aud. Sig. Control Unit to CO or PBX Line Unit				

Notes: ★ Table numbers beginning with the numerals 2 and 5 are filed in Sections C66.202 and C66.205, respectively.

✕ Page numbers corresponding to table numbers beginning with the numerals 2 and 5 refer to numbering within Sections C66.202 and C66.205, respectively.

□ The term "Battery" as used in this column denotes low voltage ac or dc.

★★ Provide only when same source of power is used for talking circuit and for operation of audible signals.

■ Select when the type of power or voltage used for the audible signal control unit is different from that which is used for the common ringer operated directly by the CO or PBX line unit.

** Select when the same type of power and voltage is used for the audible signal control unit and the common ringer operated directly by the CO or PBX line unit.

TABLE 4.01

CONNECTIONS BETWEEN COMBINED SYSTEM FLASHING AND TIMING-OUT CIRCUIT AND CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE CIRCUIT UNIT (212A) AND CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE UNIT (202A); BETWEEN ALL 202A UNITS AND AUDIBLE SIGNAL CONTROL UNIT (211A OR 16A); BETWEEN 202A UNITS AND WINK CIRCUIT UNIT (210A)—NEW INSTALLATIONS—LINES FOUR THROUGH SIX

Select Subtable for Features Provided as Shown in the Index Immediately Below:

TYPE OF STRAPPING	FEATURES PROVIDED		TYPE OF K.T.U. USED AS AUD. SIG. CONTROL UNIT	CONNECTIONS SHOWN ON SUBTABLE
	WINK	AUD. SIG. CONTROL		
COMMON			—	α, b, and c
	✓		—	α and c
		✓	211A	α, b, and d
			16A	α, b, and e
	✓	✓	211A	α and d
			16A	α and e
INDIVIDUAL LINE			—	f
		✓	—	f
	✓		—	f and g
	✓	✓	—	f and g

4.01α

Run Straps as Shown Below:

LEAD DESIG.	212A K.T.U.	ALL 202A K.T.U. TERM.
	TERM. STRIP "A"	
	TERM.	
TO	17	21
CO	18	22
LAMP GRD	40	30
LAMP POWER	39	31
COM RING POWER	19	36
"B" BAT	29	38
"B" GRD	30	40
B1	8	33
	TERM. STRIP "B"	
	TERM.	
HA	19	23
LK	20	24

4.01b

Run Strap on Each 202A K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	202A K.T.U.	
	TERM.	TERM.
"Z" WIRING	26	27

TABLE 4.01 (Continued)

4.01c

Run Strap on Each 202A K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	TERM.	202A K.T.U.	TERM.
"S" WIRING	39	_____	40

4.01d

Run Strap as Shown Below:

LEAD DESIG.	ALL 202A K.T.U.* TERM.	211A K.T.U. TERM.
ST	39	1

4.01e

Run Strap as Shown Below:

LEAD DESIG.	ALL 202A K.T.U.* TERM.	16A K.T.U. TERM.
ST	39	4

4.01f

Run Straps as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	212A K.T.U.	202A K.T.U.
4	R T R1 T1	TERM. STRIP "C"	1st 202A K.T.U.
		TERM.	TERM.
		18	2
		17	1
	LF LB	20	4
		19	3
5	R T R1 T1	TERM. STRIP "B"	2nd 202A K.T.U.
		TERM.	TERM.
		17	25
		18	26
	LF LB	28	2
		27	1
6	R T R1 T1	30	4
		29	3
		TERM. STRIP "B"	3rd 202A K.T.U.
		TERM.	TERM.
	LF LB	27	25
		28	26
6	R T R1 T1	38	2
		37	1
		40	4
		39	3
	LF LB	TERM. STRIP "B"	3rd 202A K.T.U.
		TERM.	TERM.
LF LB	37	25	
	38	26	

(Continued on Next Page)

TABLE 4.01 (Continued)

4.01g

Run Straps as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	202A K.T.U.	210A K.T.U. TERM.
4	LW LB	1st 202A K.T.U. TERM. 27 26	7 8
		2nd 202A K.T.U. TERM. 27 26	9 10
6	WINK CKT. FOR 6th LINE CANNOT BE PROVIDED UNLESS A 2nd 210A AND 209A OR 212A K.T.U. IS USED		

Notes: ✕ Loop strap between each 202A and from last 202A to the 211A K.T.U.

◆ Loop strap between each 202A and from last 202A to the 16A K.T.U.

Reference: SD-69203-0107, Fig. 24

SD-69203-0121, Fig. 55

SD-69203-01, Fig. 67

SD-69203-0117, Fig. 51

SD-69203-0123, Fig. 57

TABLE 4.02

CONNECTIONS BETWEEN CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE UNITS (202A AND 202B); BETWEEN COMBINED SYSTEM FLASHING AND TIMING-OUT CIRCUIT AND CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE CIRCUIT UNIT (212A) AND 202B UNIT; BETWEEN 202B UNIT AND WINK CIRCUIT UNIT (210A)—EXISTING INSTALLATIONS —ADDITION OF LINE USING 202B KEY TELEPHONE UNIT WHERE OTHER UNITS ARE 202A—LINES FIVE AND SIX

Select Subtable for Features Provided as Shown in the Index Immediately Below:

TYPE OF STRAPPING	FEATURES PROVIDED		CONNECTIONS SHOWN ON SUBTABLE
	WINK	AUD. SIG. CONTROL	
COMMON			α, b, and c
	√		α and c
		√	α and b
	√	√	α
INDIVIDUAL LINE			d
		√	d
	√		d and e
	√	√	d and e

4.02α

Run Straps as Shown Below:

LEAD DESIG.	202A K.T.U. TERM.	202B K.T.U. TERM.
TO	21	27
CO	22	28
HA	23	37
LK	24	38
LAMP GRD	30	40
LAMP POWER	31	39
B1	33	8
COM RING POWER	36	19
"B" BAT	38	29
ST *	39	36
"B" GRD	40	30

TABLE 4.02
(Continued)

4.02b

Run Strap on Each 202B K.T.U. Between Terminals as Shown Below:

WIRING OPTION	TERM.	202B K.T.U.	TERM.
"Z"	9	_____	10

4.02c

Run Strap on Each 202B K.T.U. Between Terminals as Shown Below:

WIRING OPTION	TERM.	202B K.T.U.	TERM.
"S"	26	_____	36

4.02d

Run Straps as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	212A K.T.U.	202B K.T.U. TERM.
5	R T R1 T1	TERM. STRIP "C"	
		TERM.	
		28	32
		27	31
	LF LB	30	34
		29	33
		TERM. STRIP "B"	
		TERM.	
6	R T R1 T1	27	17
		28	18
		TERM. STRIP "C"	
		TERM.	
	LF LB	38	32
		37	31
		40	34
		39	33
LF LB	TERM. STRIP "B"		
	TERM.		
		37	17
		38	18

4.02e

Run Straps as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	202B K.T.U. TERM.	210A K.T.U. TERM.
5	LW	10	9
	LB	9	10
6	WINK CKT. FOR 6th LINE CANNOT BE PROVIDED UNLESS A 2nd 210A AND 209A OR 212A K.T.U. IS USED		

Note: ★ Run this strap only when audible signal control circuit is provided.

Reference: SD-69203-0117, Fig. 51
SD-69203-0123, Fig. 57SD-69203-01, Fig. 67
SD-69203-01, Fig. 68

TABLE 4.03

CONNECTIONS BETWEEN COMBINED SYSTEM FLASHING AND TIMING-OUT CIRCUIT AND CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE CIRCUIT UNIT (212A) AND CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE UNIT (202A); BETWEEN 202A UNITS AND WINK CIRCUIT UNIT (210A) — EXISTING INSTALLATIONS — ADDITION OF WINK AND/OR AUDIBLE SIGNAL CONTROL CIRCUITS — LINES FOUR THROUGH SIX

See Table 5.01 for Common Strapping Connections Between System Combined Flashing, Time-out, and Central Office or Private Branch Exchange Line Unit (212A), Wink Unit (210A), and Audible Signal Control Unit (211A or 16A).

Select Subtable for Features Being Added as Shown in the Index Immediately Below:

TYPE OF STRAPPING	FEATURES BEING ADDED		TYPE OF K.T.U. USED AS AUD. SIG. CONTROL UNIT	CONNECTIONS SHOWN ON SUBTABLE
	WINK	AUD. SIG. CONTROL		
COMMON	✓		—	a
		✓	211A 16A	b
	✓	✓	211A 16A	a and b
			—	NONE REQUIRED
INDIVIDUAL LINE		✓	—	NONE REQUIRED
	✓		—	c
	✓	✓	—	c
			—	NONE REQUIRED

4.03a

Remove Strap on Each 202A K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	202A K.T.U.	
	TERM.	TERM.
"Z" WIRING	26	27

4.03b

Remove Strap on Each 202A K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	202A K.T.U.	
	TERM.	TERM.
"S" WIRING	39	40

Run Strap as Shown Below:

LEAD DESIG.	212A K.T.U. TERM. STRIP "A" TERM.	202A K.T.U. TERM.
	ST	36

(Continued on Next Page)

TABLE 4.03
(Continued)

4.03c

Run Straps as Shown Below:

LINE NO.	LEAD DESIG.	202A K.T.U.	210A K.T.U. TERM.
4	LW LB	1st 202A K.T.U. TERM.	7 8
		27 26	
5	LW LB	2nd 202A K.T.U. TERM.	9 10
		27 26	

Reference: SD-69203-0117, Fig. 51

SD-69203-0123, Fig. 57

SD-69203-01, Fig. 67

CONNECTIONS BETWEEN CENTRAL OFFICE OR PRIVATE
BRANCH EXCHANGE LINE UNITS (202A AND 202B); BETWEEN
202B UNIT AND WINK CIRCUIT UNIT (210A)—EXISTING IN-
STALLATIONS—ADDITION OF WINK AND/OR AUDIBLE SIG-
NAL CONTROL CIRCUITS—LINES FIVE AND SIX

TABLE 4.04

Select Subtable for Features Being Added as Shown in the Index Immediately Below:

TYPE OF STRAPPING	FEATURES BEING ADDED		TYPE OF K.T.U. USED FOR AUD. SIG. CONTROL UNIT	CONNECTIONS SHOWN ON SUBTABLE
	WINK	AUD. SIG. CONTROL		
COMMON	✓		—	α
		✓	211A 16A	b
	✓	✓	211A 16A	α and b
INDIVIDUAL LINE			—	NONE REQUIRED
		✓	—	NONE REQUIRED
	✓		—	c
	✓	✓	—	c

4.04a

Remove Strap on Each 202B K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	TERM.	202B K.T.U.	TERM.
"Z" WIRING	9	_____	10

4.04b

Remove Strap on Each 202B K.T.U. Between Terminals as Shown Below:

LEAD DESIG.	TERM.	202B K.T.U.	TERM.
"S" WIRING	26	_____	36

(Continued on Next Page)

TABLE 4.04
(Continued)

4.04b (Continued)

Run Strap as Shown Below:

LEAD DESIG.	202A K.T.U. TERM.	202B K.T.U. TERM.
ST	39	36

4.04c

Run Straps as Shown Below:

LINE NO.	LEAD DESIG.	202B K.T.U. TERM.	210A K.T.U. TERM.
5	LW LB	10 9	9 10

Reference: SD-69203-0117, Fig. 51

SD-69203-0123, Fig. 57

SD-69203-01, Fig. 68

TABLE 4.05**CONNECTIONS BETWEEN CENTRAL OFFICE OR PRIVATE
BRANCH EXCHANGE LINE UNITS (212A OR 202A) AND CIR-
CUIT FUSE UNIT (201A)**

Select Only the Subtables Applicable to Installation and Run Straps as Shown Below:

SUB- TABLE	TYPE OF POWER AND USE		LEAD DESIG.	K.T.U. USED	CKT. FUSE 201A K.T.U. TERM.
a	LOW VOLTAGE AC OR DC USED FOR COMMON BUZZER		SIG POWER SIG GRD	212A K.T.U. TERM. STRIP "A" TERM. 19 20	10 19
b	LOW VOLTAGE AC OR DC USED FOR LAMPS (NOT OVER 36 LAMPS USED IN 1A1 SYS.)		LAMP POWER LAMP GRD	39 40	12 20
c	LOW VOLTAGE AC OR DC USED FOR LAMPS (OVER 36 LAMPS USED IN 1A1 SYS.)	LINE NO. 1, 2, 3	LAMP POWER LAMP GRD	39 40	12 20
		LINE NO. 4, 5, 6	LAMP POWER LAMP GRD	1st 202A K.T.U. TERM. 31 30	14 20
d	18-24V DC USED FOR RELAY SUPPLY		BAT GRD	212A K.T.U. TERM. STRIP "A" TERM. 29 30	4 16

Reference: SD-69203-0117, Fig. 51

SD-69203-0125, Fig. 66

SD-69203-01, Fig. 67

**INCOMING LINES FROM CENTRAL OFFICE OR PRIVATE
BRANCH EXCHANGE**
TABLE 4.06

If Lines from CO or PBX are Brought in Through Incoming Cable, Use Columns 1, 2, and 3 below:

If Lines from CO or PBX are Brought in Through Running Cable, Use Columns 1, 3, and 4 below:

COL. 1	COL. 2		COL. 3		COL. 4			
LEAD DESIG.	INCOMING CABLE			K.T.U. AND LINE NO. IN SYS.	RUNNING CABLE			
	PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
		CONDUCTOR COLOR				CONDUCTOR COLOR		
R T	1	BL W	BL W	1	212A K.T.U. TERM. STRIP "A" TERM. 32 31	46	BL-W BK	BL-W V
R T	2	O W	O W	2	212A K.T.U. TERM. STRIP "B" TERM. 32 31	47	BL-O BK	O-W V
R T	3	G W	G W	3	212A K.T.U. TERM. STRIP "C" TERM. 32 31	48	BL-G BK	G-W V
R T	4	BR W	BR W	4	1st 202A K.T.U. TERM. 2 1	49	BL-BR BK	BR-W V
R T	5	S W	S W	5	2nd 202A K.T.U. TERM. 2 1	50	BL-S BK	S-W V
R T	6	BL-W W	BL R	6	3rd 202A K.T.U. TERM. 2 1	51	O-W BK	BL-R W

Reference: SD-69203-0117, Fig. 51
SD-69203-01, Fig. 67

TABLE 4.07

**KEY OR RUNNING CABLE TO KEY TELEPHONE UNITS FOR USE
WITH ALL 1A1 SYSTEM KEY TELEPHONE SETS EXCEPT 565A
SETS**

Connect Key or Running Cable Pairs to Key Telephone Units as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			212A AND 202A K.T.U.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
1	R T	1	BL W	BL W	212A K.T.U. TERM. STRIP "A" TERM. 2, 12, or 22 1, 11, or 21
	Al A	2	O W	O W	6, 16, or 26 3, 13, or 23
	L LG	16	G-BR W	BL Y	4, 14, or 24 5, 15, or 25
2	R T	3	G W	G W	212A K.T.U. TERM. STRIP "B" TERM. 2, 12, or 22 1, 11, or 21
	Al A	4	BR W	BR W	6, 16, or 26 3, 13, or 23
	L LG	17	G-S W	O Y	4, 14, or 24 5, 15, or 25
3	R T	5	S W	S W	212A K.T.U. TERM. STRIP "C" TERM. 2, 12, or 22 1, 11, or 21
	Al A	6	BL-W W	BL R	6, 16, or 26 3, 13, or 23
	L LG	18	BR-W W	G Y	4, 14, or 24 5, 15, or 25
4	R T	7	BL-O W	O R	1st 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	Al A	8	BL-G W	G R	15 or 16 5, 13, or 14
	L LG	19	BR-S W	BR Y	17, 18, or 28 19, 20, or 29

(Continued on Next Page)

TABLE 4.07
(Continued)

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			212A AND 202A K.T.U.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
5	R T	9	BL-BR W	BR R	2nd 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	A1 A	10	BL-S W	S R	15 or 16 5, 13, or 14
	L LG	20	S-W W	S Y	17, 18, or 28 19, 20, or 29
6*	R T	22	O R	O V	3rd 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	A1 A	23	G R	G V	15 or 16 5, 13, or 14
	L LG	24	BR R	BR V	17, 18, or 28 19, 20, or 29

Note: ★ Running cable only.

Reference: SD-69203-0117, Fig. 51 SD-69203-01, Fig. 67

**KEY OR RUNNING CABLE TO KEY TELEPHONE UNITS FOR USE
WITH 565A KEY TELEPHONE SETS ONLY****TABLE 4.08**

Connect Key or Running Cable Pairs to Key Telephone Units as Shown Below:

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			212A AND 202A K.T.U.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
1	R T	1	BL W	BL W	212A K.T.U. TERM. STRIP "A" TERM. 2, 12, or 22 1, 11, or 21
	A1 A	7	BL-O W	O R	6, 16, or 26 3, 13, or 23
	L LG	16	G-BR W	BL Y	4, 14, or 24 5, 15, or 25

(Continued on Next Page)

TABLE 4.08 (Continued)

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			212A AND 202A K.T.U.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	
			CONDUCTOR COLOR		
2	R T	2	O W	O W	212A K.T.U. TERM. STRIP "B" TERM. 2, 12, or 22 1, 11, or 21
	Al A	— 8	— BL-G(W)	— G(R)	6, 16, or 26 3, 13, or 23
	L LG	17	G-S W	O Y	4, 14, or 24 5, 15, or 25
3	R T	3	G W	G W	212A K.T.U. TERM. STRIP "C" TERM. 2, 12, or 22 1, 11, or 21
	Al A	— 8	— W(BL-G)	— R(G)	6, 16, or 26 3, 13, or 23
	L LG	18	BR-W W	G Y	4, 14, or 24 5, 15, or 25
4	R T	4	BR W	BR W	1st 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	Al A	— 9	— BL-BR(W)	— BR(R)	15 or 16 5, 13, or 14
	L LG	19	BR-S W	BR Y	17, 18, or 28 19, 20, or 29
5	R T	5	S W	S W	2nd 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	Al A	— 9	— W(BL-BR)	— R(BR)	15 or 16 5, 13, or 14
	L LG	20	S-W W	S Y	17, 18, or 28 19, 20, or 29
6	R T	6	BL-W W	BL R	3rd 202A K.T.U. TERM. 4, 11, or 12 3, 9, or 10
	Al A	— 10	— BL-S(W)	— S(R)	15 or 16 5, 13, or 14
	L LG	15	G-W W	S BK	17, 18, or 28 19, 20, or 29

Reference: SD-69203-0117, Fig. 51

SD-69203-01, Fig. 67