

RIGHT PHONE  
RIGHT PLACE  
RIGHT TIME



# **SERVICE GUIDE**

BAY AREA  
CENTRAL COUNTIES AREA  
PLANT

January 1965

# TIME REPORTING CODES

- 28C-R - (RESIDENCE) Inward station work
- When You - New install, reinstall, reconnect, add Ext. add Bell Chime, signal bells, keys, jacks, etc., or L.T., PST, (when associated with a service order).
- 28C-B - (BUSINESS) Inward station work
- When You - Same as residence including small PBX's private line telephones and all other work not covered by R or C.
- 28C-C - (COIN) Inward station work
- When You - Same as residence or business includes non-coin ext., and booths.
- 28M - PLANT CHANGE
- When You - Change type of tel set, change lctn. regrade, change cord, number card changes only, re-route wiring, LT or PST (not associated with service order).
- 28X - DISCONNECT OR REMOVAL
- When You - Disconnect station left in, working station removal, remove left in station.
- 28R - REPAIR
- When You - Spend time to repair, replace, relocate (due to trouble) clearing trouble, preventive mtce. on station service.
- 2R - CABLE TROUBLE
- When You - Spend time testing for locating and clearing trouble in aerial cable plant. Transferring drop wire and aerial wires from one cable pair to another in the same terminal to restore service to lines or circuits affected by such trouble.

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## TELEPHONE NUMBERS

Assignment Simple \_\_\_\_\_  
\_\_\_\_\_Assignment Complex \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_Chf. Deskman \_\_\_\_\_  
\_\_\_\_\_Chf. Spcl. Agent \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_District Office \_\_\_\_\_  
\_\_\_\_\_Doctor \_\_\_\_\_  
\_\_\_\_\_Emergency Rd. Serv. \_\_\_\_\_  
\_\_\_\_\_FEX S.O. Desk \_\_\_\_\_  
\_\_\_\_\_Foreman \_\_\_\_\_  
\_\_\_\_\_

## TELEPHONE SET REPORTING CHECK LIST

Telephone sets are valuable. Accurate reporting by you is essential for proper accounting. Good Book-keeping begins with you.

Remember on reconnects, disconnects, L.I. removals, etc., Always:

1. Report all telephones reconnected or removed.
2. Report promptly to the L.I. desk all Left-in station removals as reconnected, removed, missing or found working.
3. Verify the telephone number on the detail holder for the correct telephone number when reconnecting L.I. removals or disconnects.
4. Check all buildings, cottages, work shops and garages on the premises when telephone sets are missing.
5. Double check the remarks space on the work order for access information.

# EXCHANGE RATES

## RESIDENCE SERVICE

	Flat Rate	Message Rate
	Monthly Rate	Monthly Rate
Individual Line		
Two Party Line		
Four Party Line		
Suburban		
Extension	\$1.00	\$1.00

## BUSINESS RATE

	Flat Rate	Message Rate
	Monthly Rate	Monthly Rate
Individual Line		
Two Party Line		
Suburban		
Semi Public		
PBX Trunk		
Extension	\$1.00	\$1.00

Service Order Abbv. Basic Abbreviations-Residence and Business

LI Left-in Station (disconnected)  
 SC Service Charge (Charge for connecting sets)  
 IC Installation Charge (Equipment other than basic set)  
 CL Change Location  
 CI Change Instrument  
 RC Rearrangement Charge  
 T & F When a customer moves from one address to another (To & From)  
 T Install end of a T & F  
 F Disconnect end of a T & F  
 KTS Key Telephone Service

## STATION RINGER TEST (Cont'd) SF-EB-PEN-SO. BAY DIVISIONS

ANC Prefix	Letter Prefix	Place or Exchange	Group No.	ANC Prefix	Letter Prefix	Place or Exchange	Group No.
585	JU 5	San Francisco	14	776	PR 6	San Francisco	14
586	JU 6	San Francisco	14	779	PR 9	Morgan Hill	14
587	JU 7	San Francisco	14	781	SU 1	San Francisco	14
588	JU 8	So. San Francisco	14	782	SU 2	Hayward	15
589	JU 9	San Carlos	2	783	-	Hayward	12
591	LY 1	San Carlos	2	793	SY 3	Newark	15
593	LY 3	San Carlos	2	797	SY 7	Newark	12
621	MA 1	San Francisco	14	821	VA 1	Danville	14
622	MA 2	San Francisco	None	824	VA 4	San Francisco	14
625	MA 5	Oakley	14	826	VA 6	San Francisco	14
626	MA 6	San Francisco	14	828	VA 8	Danville	15
632	NE 2	Oakland	14	832	TE 2	Oakland	14
634	ME 4	Brentwood	14	834	TE 4	Oakland	15
636	NE 6	Oakland	14	835	TE 5	Oakland	12
638	NE 8	Oakland	14	836	TE 6	Oakland	14
647	MI 7	San Francisco	14	837	VE 7	Danville	None
648	MI 8	San Francisco	14	841	TH 1	Berkeley	12
652	OL 2	Oakland	14	843	TH 3	Berkeley	15
653	OL 3	Oakland	14	845	TH 5	Berkeley	15
654	OL 4	Oakland	14	846	VI 6	Pleasanton	18
655	OL 5	Oakland	14	848	TH 8	Berkeley	12
656	OL 6	Fremont	15	849	-	Berkeley	13
657	-	Fremont	12	851	UL 1	Woodside	15
658	OL 8	Oakland	14	854	-	Palo Alto	12
661	MO 1	San Francisco	14	861	UN 1	San Francisco	14
662	NO 2	Nicasio	18	862	VO 2	Sausal	20
663	MO 3	Point Reyes	18	863	UN 3	San Francisco	14
664	MO 4	San Francisco	14	867	UN 7	Saratoga	13
669	NO 9	Inverness	14	868	UN 8	Bolinas -	None
673	OR 3	San Francisco	14			Stinson Beach	
681	OV 1	San Francisco	14	879		Pescadero	None
682	MU 2	Concord	15	883	TU 3	Ignacio	
683		San Martin	18	885	TU 5	San Francisco	14
684	OV 4	Bethel Island	12	892	TW 2	Novato	
685	MU 5	Concord	12	893	TW 3	Oakland	14
686	MU 6	Concord	13	897	TW 7	Novato	
689	-	Concord	12	921	WA 1	San Francisco	14
697	OX 7	Millbrae	15	922	WA 2	San Francisco	14
726	RA 6	Half Moon Bay	4	924	WA 4	Corte Madera	15
728	PA 8	Moss Beach	4	931	WE 1	San Francisco	14
731	SE 1	San Francisco	14	932	-	Walnut Creek	13
735	-	Sunnyvale	None	934	YE 4	Walnut Creek	15
736	RE 6	Sunnyvale	15	935	YE 5	Walnut Creek	12
739	RE 9	Sunnyvale	12	939	-	Walnut Creek	15
742		Sunnyvale	None	941	-	Los Altos	12
743		Sunnyvale	None	948	WH 8	Los Altos	12
747	PI 7	La Honda	1	961		Mountain View	15
751	SK 1	San Francisco	14	967	YO 7	Mountain View	12
752	SK 2	San Francisco	14	968	YO 8	Mountain View	13
755	PL 5	San Francisco	14	981	YU 1	San Francisco	15
756	PL 6	San Francisco	14	982	YU 2	San Francisco	14
757	PL 7	Antioch	15	983		San Francisco	None
758	PL 8	Pinole	12	985	YU 5	San Francisco	None
761	PO 1	San Francisco	14	986	YU 6	San Francisco	14
771	PR 1	San Francisco	14	992	WY 2	San Francisco	14
775	PR 5	San Francisco	14				



## "PRINCESS"

Princess - 700 Series - <del>€88.670.00</del>	Monthly Rate (Each)	IC	SC CI CL
RATES ARE IN ADDITION TO OTHER CHARGES			
RESIDENCE			
New Connect, Reconnects, T & F	.75A	5.00BC	SC 7.00DE
Change Instrument to Princess	.75A	5.00B	CI 4.00HI
Change Color on Princess	-	-	CI 4.00HI
Change Location of Princess	-	-	CL 4.00IJ
Add Princess extension	1.75A	5.00BC	SC 4.00EF
Regrade where CI would be required	.75A	5.00B	K
Transmission Rezoning	.75A	5.00B	K
Cords, 9' and 13' mounting type (4' spring cord is standard)	-	3.50B	-
Ringer, Activate, Deactivate or Install	-	-	RC 4.00IM
BUSINESS			
New Connect, Reconnects, T & F	.75A	5.00BC	SC 10.00D
Change Instrument to Princess	.75A	5.00B	CI 4.00GL
Change Color of Princess	-	-	CI 4.00HL
Change Location of Princess	-	-	CL 4.00JL
Add Princess extension	1.75A	5.00B	SC 4.00G
Cords, 9' and 13' mounting type (4' spring cord is standard)	-	3.50B	-
Ringer, Activate, Deactivate or Install	-	-	RC 4.00MN

A-In Addition to your regular monthly rate.

B-Apply to each installed.

C-NO IC if: LI, or have Princess credit or if customer had Princess set in any Bell System Company

D-\$4.00 SC only if Princess LI, taken "in place."

E-One or more extensions may be installed for one SC charge.

F-\$4.00 waived if a 25' cord removed.

G-Apply to each extension installed.

H-May also change location (CL).

I-\$4.00 applied to a single station, 2 or more \$7.00 maximum per line.

J-May also change color of Princess (CI).

K-\$4.00 CI waived.

L-Apply to each station changed.

M-Waived if at time of original installation.

N-Apply to each ringer changed or installed.

Grp. No.*	Party Position	Side of Line	Ringer Test	Grp. No.*	Party Position	Side of Line	Ringer Test
1	1	R	1911	10	1	R	670 XXXX+6
1	2	T	1912	10	2	T	670 XXXX+7
1	3	R	1913	10	3	R	670 XXXX+8
1	4	T	1914	10	4	T	670 XXXX+9
1	5	R	1915	11	1	R	750 XXXX+6
1	6	T	1916	11	2	T	750 XXXX+7
1	7	R	1917	11	3	R	750 XXXX+8
1	8	T	1918	11	4	T	750 XXXX+9
2	1	R	118+6	12	1	R	780 XXXX+6
2	2	T	118+7	12	2	T	780 XXXX+7
2	3	R	118+8	12	3	R	780 XXXX+8
2	4	T	118+9	12	4	T	780 XXXX+9
3	1	R	1196	13	1	R	890 XXXX+6
3	2	T	1197	13	2	T	890 XXXX+7
3	3	R	1198	13	3	R	890 XXXX+8
3	4	T	1199	13	4	T	890 XXXX+9
4	1	R	11911	14	1	R	960+6
4	2	T	11922	14	2	T	960+7
4	3	R	11955	14	3	R	960+8
4	4	T	11966	14	4	T	960+9
4	5	R	11933	15	1	R	960 XXXX+6
4	6	T	11944	15	2	T	960 XXXX+7
4	7	R	11977	15	3	R	960 XXXX+8
4	8	T	11988	15	4	T	960 XXXX+9
5	1	R	320 XXXX+6	16	19 plus last digit of listed telephone number twice, then hang up.		
5	2	T	320 XXXX+7				
5	3	R	320 XXXX+8				
5	4	T	320 XXXX+9	17	Dial listed number. Wait for busy tone, then hang up. Bell should ring.		
6	1	R	330 XXXX+6				
6	2	T	330 XXXX+7				
6	3	R	330 XXXX+8	18	1	R	911
6	4	T	330 XXXX+9	18	2	T	922
7	1	R	340 XXXX+6	18	3	R	933
7	2	T	340 XXXX+7	18	4	T	944
7	3	R	340 XXXX+8	18	5	R	955
7	4	T	340 XXXX+9	18	6	T	966
8	1	R	360 XXXX+6	18	7	R	977
8	2	T	360 XXXX+7	18	8	T	988
8	3	R	360 XXXX+8				
8	4	T	360 XXXX+9				
9	1	R	380 XXXX+6	19	1	R	811
9	2	T	380 XXXX+7	19	2	T	822
9	3	R	380 XXXX+8	20	1	R	511
9	4	T	380 XXXX+9	20	2	T	522
				20	3	R	533
				20	4	T	544
				20	5	R	555
				20	6	T	566
				20	7	R	577
				20	8	T	588

\* NOTE: You will find your test group number in group number column following the prefix under test. The prefixes are listed on the following pages.

XXXX = Last four digits of phone number being tested.

+ = Tone indicating side of line.

Ring - Steady tone.

Tip - Interrupted tone.

# HOME INTERPHONE

1A Home Interphone System Residence and Business	Monthly Rate (Each)	IC	SC CI CL
Rates in addition to other charges for service and extensions.			
<b>MINIMUM PLAN</b> (1 & 2 Party Flat Rate)	5.25	25.00A	-
Basic Equipment-\$4.50 mo.	-	-	-
Control Unit			
Main station equipped one door answering unit			
Extension station equipped \$.75 mo.	-	-	-
<b>MAXIMUM PLAN</b>			
1 Party service	8.50	25.00A	-
5 telephones equipped			
2 door answering units			
2 Party Service	7.75	25.00A	-
4 telephones equipped			
2 door answering unit			
<b>INSTALLING</b>			
Minimum Plan			
New service	5.25	25.00A	SC 7.00BC
Existing service	5.25	25.00A	DEF
Each Additional Station Equipped			
New Service	.75	A	BC
Existing Service			
New Extension Station	.75	A	SC 4.00C
Existing Extension Station	.75	A	DEF
Second door answering unit			
New Service	1.00	-	-
Existing service	1.00	4.00	-

Interphone stations not for  
jacks and plugs

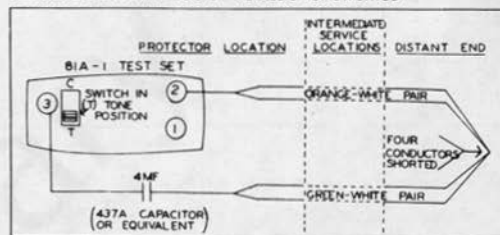
- A-Minimum or Maximum Plan may be installed for \$25.00 IC on original installation.
- B-Residence-\$4.00 SC only if one LI, used "in place" or cust. takes color (\$10.00).  
Business-NO LI... SC \$10.00.  
Business-1 LI... SC \$8.00+ CI \$4.00 for each instrument changed.  
Business 2 or more LI-SC \$4.00+ CI \$4.00 for each instrument changed.
- C-Residence-One or more Extensions may be installed for one SC Charge.  
Business-Apply \$4.00 to ea. extension station installed.
- D-Residence-Apply CI \$4.00 to single station, 2 or more \$7.00 maximum per line.  
Business-Apply \$4.00 to ea. extension installed.
- E-May change color or location or both.
- F-CI or CL does not apply if station changed to color (\$10.00).

## PREWIRING

### ESTABLISHING SERVICE

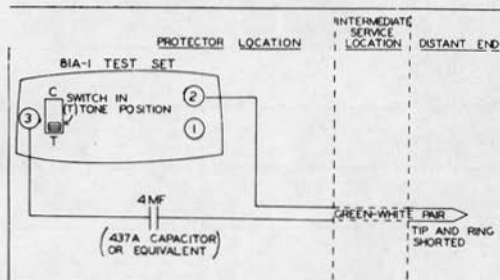
Section 461-310-911PT

#### LOCATING CONCEALED LOOPS - METALLIC TONE METHOD



#### METHOD 1-CONNECTIONS FOR INTRODUCING TONE -

- Where both ends of inside wiring cable are accessible, or
- Where the four conductors of the orange-white and green-white pairs have been shorted.



#### METHOD 2-CONNECTIONS FOR INTRODUCING TONE -

- Where only one end of inside wiring cable is accessible, and
- Where only the green-white pair has been shorted.

#### LOCATING CONCEALED LOOPS GROUNDED TONE METHOD

This method may be used when the distant end of the inside wiring cable is not accessible and the cable pairs have not been shorted.

Grounded tone should not be used if it is possible to tone metallic.

- Remove the insulation on all spare pairs at protector location.
- Twist the conductors together and connect to terminal 1 of BIA-1 test set.
- Connect Terminal 2 of BIA-1 test set to ground.
- Operate switch to "T" position on BIA-1 test set.
- Locate concealed loops with tone locator.

## BUDGET TERMS\*

(Residence service only)

When Connection Charges Total ↓	6 Mos.	5 Mos.	4 Mos.	3 Mos.	2 Mos.	1 Mo.
9.00→			2.25	3.00	4.50	9.00
10.00		2.00	2.50	3.33	5.00	10.00
12.00	2.00	2.40	3.00	4.00	6.00	12.00
14.00	2.33	2.80	3.50	4.66	7.00	14.00
15.00	2.50	3.00	3.75	5.00	7.50	15.00
17.00	2.83	3.40	4.25	5.66	8.50	17.00
19.00	3.17	3.80	4.75	6.33	9.50	19.00
20.00	3.33	4.00	5.00	6.66	10.00	20.00
22.00	3.67	4.40	5.50	7.33	11.00	22.00
24.00	4.00	4.80	6.00	8.00	12.00	24.00
25.00	4.17	5.00	6.25	8.33	12.50	25.00
27.00	4.50	5.40	6.75	9.00	13.50	27.00
29.00	4.83	5.80	7.25	9.66	14.50	29.00
30.00	5.00	6.00	7.50	10.00	15.00	30.00
32.00	5.33	6.40	8.00	10.66	16.00	32.00
34.00	5.67	6.80	8.50	11.33	17.00	34.00
35.00	5.83	7.00	8.75	11.66	17.50	35.00
37.00	6.16	7.40	9.25	12.33	18.50	37.00
39.00	6.50	7.80	9.75	13.00	19.50	39.00
40.00	6.67	8.00	10.00	13.33	20.00	40.00
42.00	7.00	8.40	10.50	14.00	21.00	42.00
44.00	7.33	8.80	11.00	14.66	22.00	44.00
47.00	7.83	9.40	11.75	15.66	23.50	47.00

\*TO BE QUOTED AS APPROXIMATION ONLY

TCI Library [www.telephonecollectors.info](http://www.telephonecollectors.info)

## PROTECTOR GROUND

(BSP 638-210-100)

1. **FIRST CHOICE!** Public water system (metallic pipe).
  - a. Connect to cold water pipe that is in service and has ten feet or more of its surface buried.
  - b. Check that there are no insulating joints.
2. If public water system is not available, refer to BSP 638-210-100 for alternate.
3. Never use power ground rod (except to bond to).
4. Clean pipes thoroughly.
5. Install ground clamp at point where insulating joint (if found in water system) will not break continuity to Ground.
6. Fasten ground clamp securely.
7. Place ground wire under washer and tighten locknut firmly.
  - a. Do not spiral water pipe.
8. **PLACE** ground wire **CAUTION TAG** at ground clamp. Form E3013.
9. Space ground wire attachments properly - 16" where possibility of being disturbed - 24" otherwise.
10. Never place protector ground wire in ring runs.

## GROUND-WIRE CAPACITY

Size	Protectors		
	Fused		Fuseless
No. 14	1 to 3	or	1
No. 12	4 to 6		2
No. 10	7 or more		3 to 6
No. 6	any number		any number

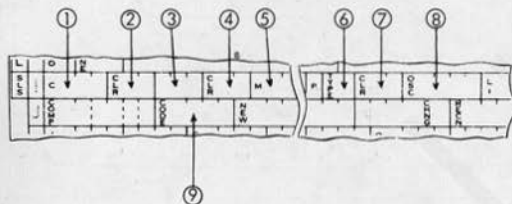
# **CODING RESIDENCE SALES ON EDP SERVICE ORDERS**

(Effective September 1, 1963)

Codes used in the SLS (sales) column on EDP service orders to identify sales are as follows:

- C - Commercial business sale
- M - Marketing sale
- B - Primary service - Commercial business or residence sale
- 1 - Plant sale - installation visit
- 2 - Plant sale - repair visit
- 3 - Plant sale - other contact

Coding applying to sales on Lines I and J of EDP orders is given below:



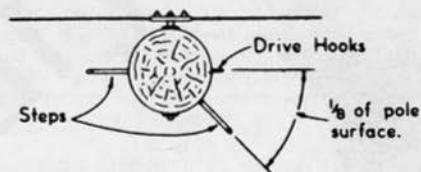
1. Number of Commercial unit to get sales credit
2. Number of Commercial color sales - business service
3. Number of second Commercial unit to get sales credit
4. Number of color business sales made by second Commercial unit
5. Marketing sales information
6. Type of Plant sale
7. Number of Plant color sales
8. Identification number of Plant employee to get sales credit when other than one completing order
9. Identification number of Plant employee completing order

## **INSTALLING DRIVE HOOKS (Cont'd)**

When conditions prevent placing drive hooks with the necessary pole step clearances, distribute the drop wires from hooks below the strand to span clamps. When it is undesirable to place span clamps, offset the pole step above the strand 1/8 of the pole surface toward the climbing space. This will provide enough clearance for the drive hooks.

**DO NOT OFFSET THE DRIVE HOOKS.**

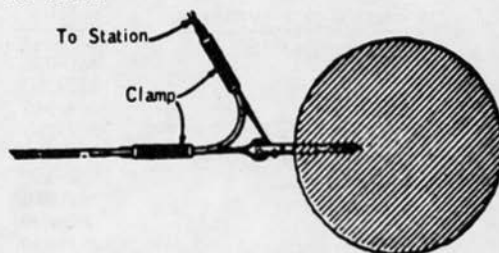
**EXAMPLE:**



## **CAPACITY OF DRIVE HOOKS (625-300-940 PT)**

Consider as one span a drop wire that runs directly from a drive hook on a terminal pole to a span clamp, building or adjacent pole. Consider as two spans a drop wire that runs to a drive hook and then away from that hook in the same or different direction. The following sketch is an example of two spans:

**EXAMPLE:**

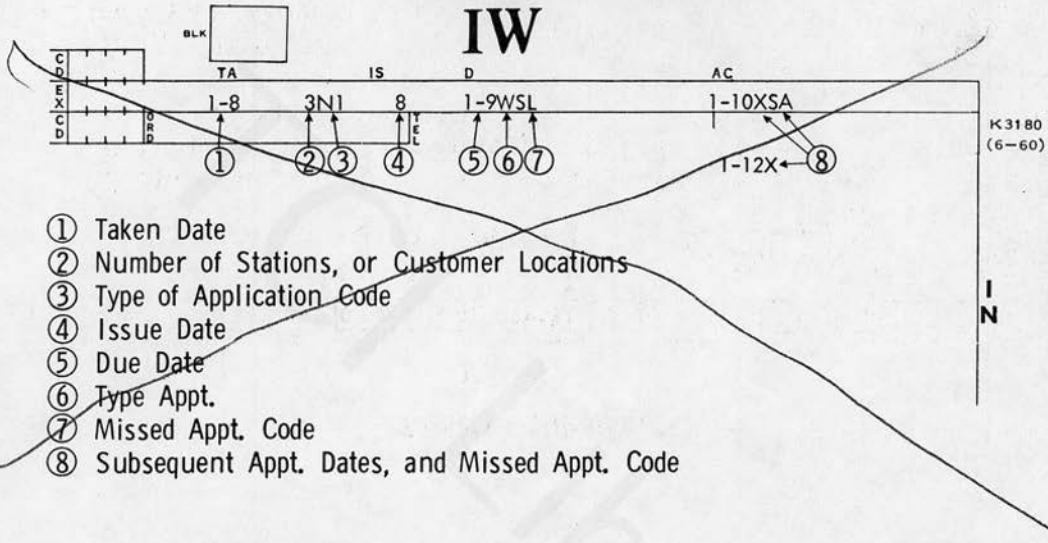


**NOTE:** One span of Multiple Drop Wire shall be considered as three spans of drop wire when attached to drive hooks or guard arm hooks.

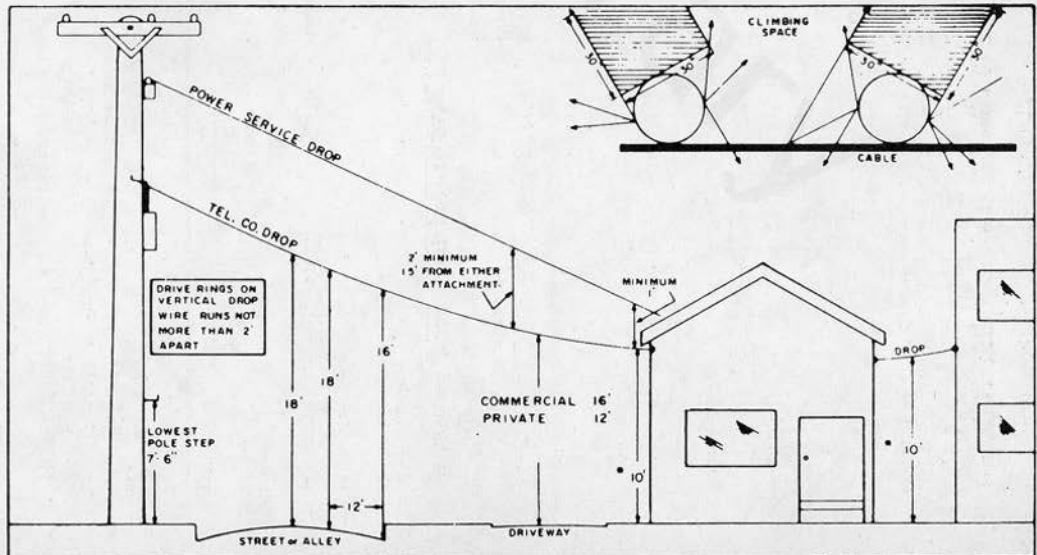


# EXHIBIT - NON-EDP ORDER

## IW



TCI Library [www.telephonecollectors.info](http://www.telephonecollectors.info)



## USOC CODES

### FOR POPULAR ITEMS OF SERVICE AND EQUIPMENT

(See USOC Book for complete list)

#### CODES

#### DESCRIPTION

1FB	Individ Flat Bus
1FL	Individ Flat Bus Line - Without Tel
1FR	Individ Flat Res
1L	See Mileage PAGE 22 *
1MB	Individ Meas Bus
1ML	Individ Meas Bus Line - Without Tel
1PC	Pub - Coin Collector Sta
1SP	Semipub - Coin Collector
29V	PBX Serv - Line Finder
2CM	Cord - Mtg - 25' Non-Ret
2FB	Two-party Flat Bus
2FR	Two-party Flat Res
2MR	Two-party Meas Res
3CM	Cord - Mtg - 13' Non-Ret
3CR	Cord - Handset (Rec) - 13' Non-Ret
449	PBX Serv - Operators Chair
44G	PBX Serv - Vacant Level Trunk
4FR	Four-party Flat Res
4SR	Cord - Handset - 4' Ret
5AS	Cord - Head Tel Set - 15' Ret
5SC	Cord - Head Tel Set - 5' Ret
5SM	Cord - Mtg - 5-1/2' Ret
6DY	Aut Dialing Equip - Type B (Telerapid)
6DZ	Aut Dialing Equip - Type A (Dialaphone)
6ZV	Sig Cir - Addl Push-Button
7AS	Cord - Head Tel Set - 7' Ret
7FL	Tel Ans Serv - Bus Ans Line
8FM	Sub Flat Res
8FN	Sub Flat Bus
8TE	Head Tel Set - Push-to-Talk Switch
8TT	Arm Trans
9CM	Cord - Mtg - 9' Non-Ret
9CR	Cord - Handset (Rec) - 9' Non-Ret
9DL	PBX Serv - Hotel Guest Main Sta
9EY	Cord - Head Tel Set - 7' Non-Ret
9FF	Optional Detailed Message Unit
	Billing (ODMU)
9FL	Aut Ans Equip - Addl Cartridge - For Mod
	TT2 Elec Secty

## Thank You Leaflet Check List



### From Your Telephone Serviceman ...

It's my business to do a neat and efficient job for you. I believe your service is in perfect order and hope you are pleased. I have completed the following items checked ...

- A carefully tested your service to be sure that everything is in order.
- A cleaned up and made sure your things were put back in place.
- B left a new Telephone Directory.
- B left a Personal Directory. Frequently called numbers can be kept right at hand in this little "Blue Book."
- C showed you some of the things about the use of your telephone that will help you get the best possible service.

*Your Telephone Serviceman*



**Pacific Telephone**

PART OF THE NATION-WIDE BELL SYSTEM

When to check

- A. On all orders.
- B. On new conn; Recon; T. & F; Add'l tel.
- C. Customer instruction - Princess, Bell on 500, Bell Chime, sets with special features.

## TELEPHONE SETS - PANEL PHONE

751A AND 751B  
CONNECTIONS  
(B.S.P. 502-750-401)

TABLE A

## LINE CONNECTIONS

CIRCUIT	LEAD DESIG.	TB2 TERM.
1st CO Line	Tip Ring	2 1
2nd CO Line or Home Interphone Line	Tip Ring	5 4
Ground	Gnd	11
*Excluded Station	ET ER	10 9
Home Interphone Leads to 51A Control Unit	SW P4 P3 S2 DC S1 M1 M2	6 12 11 3 7 8 9 10
†Dial Light Transformer	Gnd +	11 12

\*Not available when set is used on 1A Home Interphone.

†Available on future models.

TABLE B

## RINGER CONNECTIONS

LEAD	INDIVIDUAL OR BRIDGED See Note 1		RING PARTY See Note 1		TIP PARTY - NOID. GND See Note 1		Tip Party with Identification Ground			
							NORMAL CONNECTION See Note 2		RINGER COIL REVERSAL See Note 2	
Ringer Lead or Strap	Term. Bd. Term.	Ntwk. Term.	Term. Bd. Term.	Ntwk. Term.	Term. Bd. Term.	Ntwk. Term.	TERM. ON TERM. BD. OHMS	TERMINAL ON NTWK. OHMS	TERM. ON TERM. BD. OHMS	TERMINAL ON NTWK. OHMS
							1000 2650	1000 2650	1000 2650	1000 2650
R →	1		1		2		SR E2		E2 11	
SR →	SR		SR		SR		E2 11		E2 E2	
S →		K		K		K	E2 SR		11 E2	
BK →	2		11		11		11 E2		E2 SR	
Slate Swkh Lead →	2 E2		E2		E2			K K		K K
Slate Yellow Swkh Lead →	7		7		7		2 2		2 2	
Black →	E2 ↑ E2		E2 ↑ E2		E2 ↑ E2		E2 → B		E2 → B	
Strap →							E2 → B		E2 → B	

NOTE 1: To silence ringer permanently for all classes of service: (1) Connect ringer leads in normal manner for class of service involved. (2) Move spade tip of slate red lead from network Terminal A to SR terminal on terminal board.

NOTE 2: Do not wire this set for tip party identification when used as a station on 1A Home Interphone System.

CAC	
(EDP)	Act Cst Billing - Chg Not Determined
CACAC	
(EDP)	Est Cst Billing - Chg Determined
CACLE	
(EDP)	Line Extension And Unusual Inst Charges
CFB	PBX - Cord Manual, Mult - Flat Bus
CFF	Manual Cutoff, Ea Line or Sta
CGR	
(EDP)	Sliding Scale Charge - PBX Only
CH5	Rly NC - Musical Tone Bell - Same Mtg
CHH	Xylophone Sig and Cont Rly
CLT	Add Listing - Bus
CMB	PBX - Cord Manual, Mult - Meas Bus
CMC	Combined Line And Busy Lamp Control Unit, 20 or Less Sta
CML	Combined Line and Busy Lamp Common Equip
CP9	Pub Tel Mtg - Special - Shelter, Canopy, etc.
CT7	Booth - Semi-type 20
CT8	Pub Tel Mtg - Walk-up, Drive-up
CTB	Booth - Indoor - Wood
CTV	Booth - Indoor - Metal
CTW	Booth - Outdoor - Wood
CTY	Booth - Outdoor - Metal
CUB	Shelf - Directory - Type 19
CUF	Semipub - Coin Service - Ext Coin Collector
CUT	Key for Sta Aux Sig Equip
D5D	KTS - DSEQ - Busy Lamp, 20 or Less Sta
D5H	KTS - DSEQ - Combined Line and Busy Lamp Operation
DA2	KTS - Dial Sel Com Equip 10th Sta Code
DA9	KTS - Dial Sel Com Equip 9 Sta Codes or Less
DAA	KTS 6A Sys - Line Equip - Per Channel
DAD	KTS - DSEQ - Com Equip Per Line - Ea Addl Sta Code
DAM	KTS 6A Sys - Add-on Conf Equip For Each Line
DC9	KTS 6A Sys - Basic Eq With 9 Sta Cpde Numbers
DCP	KTS 6A Sys - Preset Conf Arr
DCU	KTS 6A Sys - Eq For Line & Busy Lamp Oper
DL4	KTS 6A Sys - Dial Tone Equip
DLU	KTS - DSEQ - Audible Sig
DLY	KTS 6A Sys - Ea Addl Code Over 9
DSY	KTS 6A Sys - Add-on Conf Eq For Ea Sta

# 702B TELEPHONE SET CONNECTIONS

(BSP 502-710-401)

KD2 Call Director - 18 Button Capacity, Equip for 12

KD3 Call Director - 30 Button Capacity, Equip for 18

KD4 Call Director - 30 Button Capacity, Equip for 24

KDL Call Director - 30 Button Capacity, Equip for 30

KDS Call Director - 18 Button Capacity, Equip for 18

KDV Call Director - 30 Button Capacity, Equip for 12

KEX Priv Line Tel Sta

KKR Key Units - First 10-Line Key Unit

KKS Key Units - Additional 10-Line Key Unit

KL4 KTS - Line Cutoff - One or More Sta

KLL KTS - Dial Sel Sig, Aut Exclusion of Sta

KLM KTS - Key Illumination, Each Station

KU2 KTS - 12 Button Sep Key Unit

KUV KTS Call Dir Set - Jack Equip - Flash and Rel Keys

LCC Line Signal Control Unit, Continuous

LDF Spl Tel Set - Illuminated Dial - With Night Light

LHR KTS - Line Hold

LLT Directory Listing

LNC Line Signal Control Unit, Non-continuous

LP2 Lamp Ind, Two Lamps on One Mounting

LP3 Lamp Ind, Three Lamps on One Mounting

LP6 Lamp Ind, Four Lamps on One Mounting

LP7 Lamp Ind, Lamp on Individual Mounting

LPN Lamp Indicator, Glow Lamp (21 Type Indicator)

M66 Portable Magneto Tel Set

MVF

(EDP) Change Location - Change Charge

MVS

(EDP) Chg Inst and Location - Change Charge

NCB PBX - Night Listing Terminal

NCM KTS - Intercommunicating Line

NNQ Panel Phone

NPV Directory Listing - Nonpublished

NTN Local PL Term on Equip Such as Turret, Key Cab, etc.

P24 PBX - Intercepting Trunk

P25 PBX - "0" Level Trunk

P33 PBX - Selector

P34 PBX - Connector

P36 PBX - Selector - Connector

WIRE OR LEAD			Individual or Bridged	Ring Party	Tip Party		
					No Identifying Gnd.	Identifying Gnd.	
						Ohms	
Line Wires At Conn. Block	Ring	R	R	R	R	R	R
	Tip Gnd	G	G	G	G	G	G
Transformer At Conn. Block		Y	-	Y	Y	Y	Y
		1	Y	Y	Y	Y	Y
Mounting Cord At Conn. Block		2	B	B	B	B	B
		R	R	R	G	G	G
		G	G	G	R	R	R
		Y	G	Y	Y	Y	Y
		W	Y	Y	Y	Y	Y
Mounting Cord At Set		BK	B	B	B	B	B
		R	L2	L2	L2	L2	L2
		G	L1	L1	L1	L1	L1
		Y	G	G	G	G	G
		W	3	3	3	3	3
Ringer Connections		BK	4	4	4	4	4
		R	K	K	K	K	K
		BK	G	G	G	G	G
		S*	-	-	-	B	-
		S-R*	-	-	-	-	B

NOTE: For tip party dial message rate or automatic ticketing service, S-BK (or S) lead shall be disconnected from terminal "A" of network, taped and stored.

\* Used for tip party identification, i.e. Tip message rate and A.N.I. New sets are furnished with leads taped and stored.

TCI Library [www.telephonecollectors.info](http://www.telephonecollectors.info)

WKC KTS - Winking Hold  
 WR3 Cord - Heavy Duty Weather Proof  
 XCA KTS - Auto Exclusion Unit  
 XCL KTS - Selective Exclusion  
 XL5 KTS - Exclusion - Switch Hook Key  
 XLL Directory Listings  
 XLX KTS - Automatic Exclusion

NOTE: Codes followed by (EDP) apply only under Electronic Data Processing procedures

### \* CHANNELS, CIRCUITS AND MILEAGES

Codes for channels, circuits and mileages always start with 1L. Examples are 1LXAP, 1LLBC, etc. Full list of codes and descriptions are given in USOC Book. Call the PSC or your supervisor for details.

### COLOR (1ST SUFFIX)

B Black  
 C Custom (Includes Old Imperial Sets)  
 D Gray  
 E Beige  
 F Brown  
 G Green  
 L Blue  
 P Pink  
 R Red  
 S Standard, or not applicable  
 T Turquoise  
 U Two Tone  
 V Ivory  
 W White  
 X Color where specific color not known  
 Y Yellow  
 Z Black, applies only to old type wall set billed at lower rate

## 701B TELEPHONE SET CONNECTIONS

WIRE OR LEAD		Individual or Bridged	Ring Party	Tip Party				
				No Identifying Gnd.	Identifying Gnd.			
					Ohms			
				1000	2650			
LINE AND RINGER CONNECTIONS WITH FIA RINGER SET TERM.	Line	Ring	R	6	6	1	1	?
		Tip	G	4	1	6	5	5
		Gnd	Y	1	4	4	4	4
	Ringer Coil		R	7	7	7	7	2
			S-R	2	2	2	2	4
			BK	4	4	4	4	2
			S	2	2	2	2	7
	Network Straps	G	BL	4	4	4	4	4
		A	R	7	7	7	7	7
		B	G	6	6	6	6	6
	Dial Light Trans.		1	1	4	4	4	4
			2	3	3	3	3	3
	Mounting Cord		R	6	6	1	5	5
			G	4	1	6	1	1
			Y	1	4	4	4	4
			BL	3	3	3	2	2
			W	5	5	5	6	6
			BK	3	3	3	3	3
	Mounting Cord *		R	L2	L2	L2	L2	L2
			G	L1	L1	L1	L1	L1
			Y	3	3	3	3	3
			BL	4	4	4	B	B
			W	D	D	D	D	D
			BK	4	4	4	4	4

### FIA RINGER CONNECTIONS (501-252-100) WHEN USED AS EXTENSION RINGER

Inside Wire	Ring	R	6	6	1	-	-
	Tip	G	4	1	6	-	-
Ringer	GRD	Y	-	4	4	-	-
		R	7	7	7	-	-
		S-R	2	2	2	-	-
		S	2	2	2	-	-
		BK	4	4	4	-	-
Network Straps	G	BL	4	4**	4**	-	-
	A	R	7	7	7	-	-
	B	G	6	6	6	-	-

\* Wired at Factory for individual or bridged, ring--and tip-party service.

The FIA ringer is not intended to be used with 4-party selective or 8-party semiselective service, or any other service where code ringing would not be distinguishable in CHIME position. For schematic drawing and maintenance information on FIA ringer, see C Section entitled FIA Ringer.

\*\*Place BL strap on (1) whenever high ground induction is encountered.



# SPECIAL NON-USOC EDP CODES AND SUFFIXES

Codes For Use On Lines D & F of EDP Order Form  
(Used Only at EDP Locations)

- \*CC - Credit Card
- \*DD - Revised Due Date
- \*MN - Minimum Billing (Charge Only)
- \*SQ - Square Plan
- \*TS - Total telephone sets (Appears in "out" portion only)
- \*RF - Reference Code For Record Purposes - No Plant Work

## Codes For Use On Lines J & K of Order Only

- Call Director or console, 12 button - 12
- Call Director or console, 18 button - 18
- Call Director or console, 30 button - 30
- Call Director or console, 40 button - 40
- Radio Station - RS
- Set, basic, includes one button sets and 1A1-61A type coin collectors - KL
- Set, coin collector (except 1A1-61A or equivalent type) - CC
- Set, 4 & 6 button, includes non-key sets using external keys (6040 and 6050 type) and the Card Dialer set - rotary dial and multi-freq - KT
- Teletypewriter - TT

## Codes For Use On Line K of Order Only

- Amplifier - AM
- Booth, indoor or equivalent type - BI
- Booth, outdoor, drive-up or equivalent type - BO
- Booth, fitting - BF
- Boothettes - SB
- Cabinet, apparatus (inside move or replacement only) - AC
- CADW, special miscellaneous feature - SM
- Call distributor, 1S or equivalent - 36
- Circuit, program (equalized) - PC
- Code calling system, 1A, 1B or similar type - CS
- Cord or handset change - CD
- Data sets, low and medium speed parallel transmitters 401A-C-E-H, 402A and analog modems used with telewriting equipment such as 601A-B - DI
- Data Sets, low and medium speed parallel receivers 401B-D-F, 402B and serial modems such as 102A-B-C, 103A-B-C, 3A, 202A-B and analog modems 602A - D2

# 300 SERIES, TELEPHONE SETS

LINE AND RINGER CONNECTIONS

		WIRE OR LEAD		Individual or Bridged	Ring Party	Tip Party			
						No Identifying Gnd.	Message Rate Zone Registration X-Bar with AMA	SXS with AT SXS with AMA Mod X-Bar with AMA	
302 E, G, 5302 G SETS	Mounting Cord in Set	R	L1	L2Y	L1				
		GN	L2Y	L1	L2Y				
		Y	GND	GND	GND				
	Ringer Leads	R	L1	K	GND				
		BK	K	GND	K				
304 A, C, 5304 C SETS	Mounting Cord At Connecting Block	R	R	R	R				
		GN	G	G	G				
		Y	Y	Y	Y				
	Ringer Leads	R	L1	L1	RR	L1	L2Y	L1	
		GN	L2Y	RR	L1	GND	GND	GND	
		Y	GND	GND	GND	GND	GND	GND	
354 A, C, SETS	Inside Wire in Set	R	L1	L2	L1	L1	L1	L1	
		GN	L2	L1	L2	L2	L2	L2	
		Y	GND	GND	GND	GND	GND	GND	
	Ringer Leads	R	L1	K	GND	K	M		
		BK	K	GND	K	GND	RR		
		SL	E	E	E	M	K		
To Silence Ringer Permanently See Below:									
302 E, G 5302 G	Ringer Leads	R	K	K	K				
		B	K	K	K				
304 A, C 5304 C	Ringer Leads	R	K	K	K	K	M		
		BK	K	K	K	GND	RR		
		SL	GND	L2Y	L2Y	M	K		
	Ringer Ca- pacitor Leads	SL-R	GND	L2Y	L2Y	RR	GND		
		Y	L2Y	L1	K	K	K		
		SL	K	K	RR	K	K		
354 A, C	Ringer Leads	R	K	K	K	K	M		
		BK	K	K	K	GND	K		
		SL	E	E	E	M	K		
		SL-R	E	E	E	K	GND		

## BELL SYSTEM STANDARD COLOR LINE

	BK. B3	IV. V50	GN. G51	RED R53	YEL. Y56	WH. W58	PK. P59	BG. E60	GR. D61	BL. L62	GOLD 63	TURQ. T64
Panel Phone ■	-	-	-	-	-	*	-	*	-	-	-	-
Princess	*	-	*	-	*	*	*	*	*	*	-	*
500 Desk (incls. 1 Button)	*	*	*	*	*	*	*	*	*	*	-	*
500 Wall	*	*	*	*	*	*	*	*	*	*	-	*
500 Key (6 Button)	*	-	*	-	*	*	*	*	*	*	-	N.S.
6040 Key	*	-	*	-	*	*	*	*	*	*	-	*
6050 & 6051 Key	*	*	*	-	*	*	N.S.	*	*	N.S.	-	N.S.
Call Director	*	-	*	-	*	*	*	*	*	*	-	*
Home Interphone Loudspkr. Wall (759A)	*	-	*	*	*	*	*	*	*	*	-	*
Door Ans. (730A Rec)	-	-	-	-	-	*	-	-	*	-	-	-
Farm Interphone Loudspkr. Wall (759B)	*	*	*	*	*	*	*	*	*	*	-	*
Loudspkr. Desk (760A)	*	*	*	*	*	*	N.S.	*	*	N.S.	-	*
Handset Push-to-Talk (G5 KR)	*	N.S.	*	N.S.	N.S.	*	N.S.	*	*	N.S.	-	N.S.
3A Speaker Phone Trans. (666B)	*	-	*	-	N.S.	*	N.S.	*	*	N.S.	-	*
Bell Chime	-	*	-	-	-	-	-	-	-	-	*	-
Coin Collectors	*	-	*	-	-	-	-	*	-	-	-	-

- Not Available

\* Available Colors

N.S. Available only on special order from factory - Do Not Promote

■ Panel Phone - Color Suffix indicates Handset. Basic panel provided in copper with beige handset or aluminum with white handset. Any other combinations must be specified in remarks.

## BSP SECTIONS

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Inspection on Station Visits .....	
Station Equipment-Wiring.....	469-052-929 P.T.
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Farm Interphone, Speakerphone, Etc.) .....	512
Major Station Systems (Key Tel. Systems) .....	518

Data sets, includes sets with serial modems such	
as 201A-B and 301B .....	- D3
Data speed, sender or receiver .....	- DS
Dialaphone, special miscellaneous feature .....	- SM
External signal, key, pushbutton lamp, etc. ....	- SK
Interphone, farm or home, master station .....	- MS
Interphone, farm or home, door unit or loudspeaker .....	- DU
Interphone, farm or home, other station .....	- OS
Jack station .....	- JK
Key apparatus, 6A, basic system .....	- 6A
Key apparatus, 6A, each additional code over 9 .....	- 6B
Key box, 3 or 6 line capacity .....	- K3
Key box, 10 or more line capacity .....	- K1
Key equipment, 4A (6026 type key or equivalent) .....	- 4A
Key mountings, #400 .....	- KM
Key, set or box feature .....	- KF
Lamp, telephone message, waiting .....	- ML
Line, special service (unequalized) .....	- SU
Line, special service (equalized) .....	- SE
Loudspeaker (except speakerphone) .....	- LS
Number card change .....	- NC
Order receiving table .....	- OT
Order turret positions, #1, #2, #4 .....	- OT
Order turret positions, #3, #6, #40, #200 .....	- 36
Panel Phone .....	- EW
PBX, cordless .....	- CL
PBX, cord (non-multiple) .....	- CN
PBX, 750, 755 type .....	- 75
PBX, 756 .....	- 56
PBX, other features, cords, jacks, etc. ....	- OF
Private line service station, four wire full period .....	- 4W
Rapidial, special miscellaneous feature .....	- SM
Reassociation .....	- RA
Recorder connector .....	- RC
Selective signaling system, SS1 or equivalent type .....	- SS
Set, carrier, M1, P and similar type .....	
(inward only) .....	- M1
Set, speakerphone, 592 or equivalent .....	- SP
Set, telephone answering, 1A, 2A or equivalent	
type .....	- TA
Set, telephone answering, 100A or equivalent	
type .....	- 10
Shelves .....	- SB
Speakerphone feature .....	- SV
Switching system, #400 .....	- SW
Switching system, other feature, cords, jacks,	
etc. ....	- OF
Turret, Chief operator's .....	- OT

# 500 SERIES, TELEPHONE SETS

## LINE AND RINGER CONNECTIONS

WIRE OR LEAD	Individual or Bridged	Ringer Party	Tip Party			
			Identifying Gnd.	Identifying Gnd.		
				Ohms		
			No	1000	2650	
Mounting Cord In Set	R	L2	L2	L2	L2	
	GN	L1	L1	L1	L1	
	Y	G	G	G	G	
Ringer Leads	R	L2	L2	L2	K	
	BK	G	G	G	B	
	SL	K	K	K	G	
	SL-R	A	A	A	B	
Switchhook Lead	SL	L2	L2	L2	A	
Mounting Cord At Connecting Block	R	R	R	G	TG	
	GN	G	G	R	R	
	Y	Y	Y	Y	Y	
Line Wire At Connecting Block	R	R	R	R	R	
	GN	G	G	G	G	
	Y	Y	Y	Y	Y	
Line Wire In Set	R	L2	L2	L2	L1	
	G	L1	L1	L2	L2	
	Y	G	G	G	G	
Ringer Leads	R	L2	L2	L2	K	
	BK	L1	G	G	G	
	SL	K	K	K	B	
	SL-R	A	A	A	B	
Switchhook Lead	S	L2	L2	L2	A	

Note: Ringer Lead Connections to Silence Ringer Permanently

Tip Party Identifying Ground	Ringer Leads	R	BK	SL	SL-R	K	B	G	K	G
------------------------------	--------------	---	----	----	------	---	---	---	---	---

For all classes of service except those requiring Tip Party Identification: 500 C, D Tel Set. Connect Yellow Mounting Cord Lead to same terminal as Red Mounting Cord Lead at Connecting Block. 554 A, B, Tel. Set. Connect Slate and Black Ringer Leads on K Terminal of 425 B Network.

## TYPE OF TEL. STA. EQUIP (2ND SUFFIX)

- A Wall Hand-Combined - Internal Keys - 4 or 6 But
- B Line Terminating on Key or Jack
- C Hand-Combined or Hand Cradle
- D Desk - Obsolete Set
- E Wall-Combined - 1 or 2 But (Except Amp Set)
- G Hand-Combined or PRN - 1 or 2 But (Except Amp Set)
- H Hand-Hanger
- K Hand-Combined - Internal Keys - 4 or 6 But
- L Hand-Hanger - Internal Keys - 4 or More But
- M Wall-Combined - External Keys - 4 or More But
- P Portable
- U Hand-Combined - External Keys - 4 or More But
- W Wall Hand-Combined
- X Standard or Not Applicable
- Y External Keys For Headset (4A Key)

NOTE: Non Dial shown in RMKS on order when applicable

## KTS SQUARE PLAN (680-324-955)

The "Square" KTS Code consists of three numerical designations separated by "X's", ie; 4 x 6 x 3.  
(a) (b) (c)

- (a) The first numeral designates the number of lines
- (b) The second designates the number of stations.
- (c) The third designates the features of the KTS system, as follows:

THIRD NUMBER	PKU (PICKUP)	HLD (HOLD)	NCM (INTER COM)	CMC (LINE & BUSY LMPs)	SBV (BUSY LMPs)
1	*				
2	*	*			
3	*	*	*		
4	*	*		*	
5	*	*	*	*	
6	*	*			*
7	*	*	*		*

# 701B TELEPHONE SET CONNECTIONS

(BSP 502-710-400)

WIRE OR LEAD	Individual or Bridged	Ring Party	No Ident- ifying Gnd.	Tip Party		
				Identifying Gnd.		
				Ohms		
				1000	2500	2650
Connections for Telephone Set Without Ringer	Line Wire At Conn. Block	R G Y	R G Y	R G Y	R G Y	R G Y
	Transformer Leads At Conn. Block	1 2	Y B	Y B	Y B	Y B
	Mounting Cord At Conn. Block	R G Y	R G Y	R G Y	R G Y	R G Y
		BL W BK	B R B	B R B	B R B	B R B
		R G Y	L2 L1 3	L2 L1 3	L2 L1 3	L2 L1 3
		BL W BK	4 D 4	4 D 4	4 D 4	4 D 4
		BK R S			3 B B	3 Tape B
	Mounting Cord At Set	R G Y	5 6 2	5 6 2	5 6 2	5 6 2
		R S-R BK S	7 1 2 1	7 1 2 1	7 1 2 1	7 1 2 1
		Capacitor in Ringer	W Y	7 5	7 5	7 3*
	Transformer Leads at Ringer	1 2	2 4	2 4	2 4	2 4
		R G Y	5 6 2	5 6 2	5 6 2	5 6 2
		BL W BK	4 3 4	4 3 4	4 3 4	4 3 4
Line and Ringer Connections with EIA Ringer	Mounting Cord At Ringer	R G Y	L2 L1 3	L2 L1 3	L2 L1 3	L2 L1 3
		BL W BK	4 D 4	4 D 4	4 D 4	4 D 4
		R G Y	5 6 2	5 6 2	5 6 2	5 6 2
		BL W BK	4 3 4	4 3 4	4 3 4	4 3 4
		R G Y	L2 L1 3	L2 L1 3	L2 L1 3	L2 L1 3
	Mounting Cord At Set*	BL W BK	4 D 4	4 D 4	4 D 4	4 D 4

\* Wired at Factory for Individual or Bridged, Ring - and Tip Party Service

PA2	PBX - Cordless - Type B - 3 Trunks & 7 Stations (506A)
PA3	PBX - Cordless - Type A - 3 Trunks & 7 Stations (507A)
PA4	PBX - Cordless - Type B - 5 Trunks & 12 Stations (506B)
PA5	PBX - Cordless - Type A - 5 Trunks & 12 Stations (507B)
PB2	PBX - Cord - Non-Multiple - 120 Line
PB4	PBX - Cord - Non-Multiple - 40 Line
PB5	PBX - Cord - Non-Multiple - 320 Line
PB6	PBX - Cord - Non-Multiple - 60 Line
PB8	PBX - Cord - Non-Multiple - 80 Line
PKU	KTS - Pickup
PRN	Princess Set
PRT	Noncontinuous Relay, Separately Mounted
PUP	PBX - Foot Switch
PVL	Local Priv Line Serv
PXA	Main Sta Connected Directly to Man or Dial PBX System
PXB	PBX Station Line
RET	Head Receiver - Single - Furn With Arm Trans
REX	Head Receiver - Double
RLT	Directory Listing
RW2	(EDP) Rearrange Inside Wiring - Serv Charge
RWW	(EDP) Rearrange Outside Wiring - Serv Charge
SBV	KTS - Line Equip For Busy Lamps
SCO	(EDP) Serv Charge - Change Loc Misc and Suppl Equip
SP3	Speakerphone - Type B (Mod 3A)
SPK	Speakerphone - Type A (Mod 1A or 1A1)
SRR	Replacement of Shoulder Rest
SRT	Shoulder Rest
SUB	(EDP) Chg Inst Charge - Except For Change Color
TFB	PBX - Trunks C.O. - Bus - Flat Rate
TFR	PBX - Trunks C.O. - Res - Flat Rate
THB	PBX - Trunks C.O. - Hotel - Meas Bus
TM2	PBX - Trunks C.O. - Bus - Meas Bus - Additional
TMB	PBX - Trunks C.O. - Bus - Meas Bus - First
TW3	Directory Listing -



# TELEPHONE SETS PANEL PHONE - 750A- AND 750B-TYPES

## CONNECTIONS (B.S.P. 502-750-400)

TABLE A  
LINE AND RINGER CONNECTIONS

WIRE OR LEAD		Individual or Bridged	Ringer Party	Tip Party	Tip Party with Ident Grd			
					Normal Connections Ohms		Ringer Reversal (See Note) Ohms	
					1000	2650	1000	2650
Line at	Ring	R	2	2	1	1	1	1
Terminal	Tip	G	1	1	2	2	2	2
Strip	Grd	Y	3	3	3	3	3	3
Ringer Lead At Terminal Board Assembly	R	R	R	R	R	R	S-R	S-R
	BK	BK	BK	BK	BK	BK	S-R	BK
	S	K*	K*	K*	B*	K*	BK	B*
	S-R	S-R	S-R	S-R	S-R	S-R	R	R
Terminal Board Strap At 283B Plug	R	R	R	R	K*	B*	K*	B*
	BK	GN	Y	Y	Y	B*	Y	K*
	S-R	A*	A*	A*	B*	Y	B*	Y
Switchhook Lead	S	R	R	R	A*	A*	A*	A*

\*Terminal on network

†Ground may be omitted if not required for service.

NOTE 1: Use normal connections for tip party identification ground station. If bell taps on station connected to long-line equipment, reverse ringer leads as shown in this column to retain proper tip party identification.

NOTE 2: Set is shop wired for individual or bridged service.

TABLE B

### RINGER LEAD CONNECTIONS TO SILENCE RINGER PERMANENTLY

Connect black ringer lead to same terminal as red ringer lead for all classes of service except those listed below:

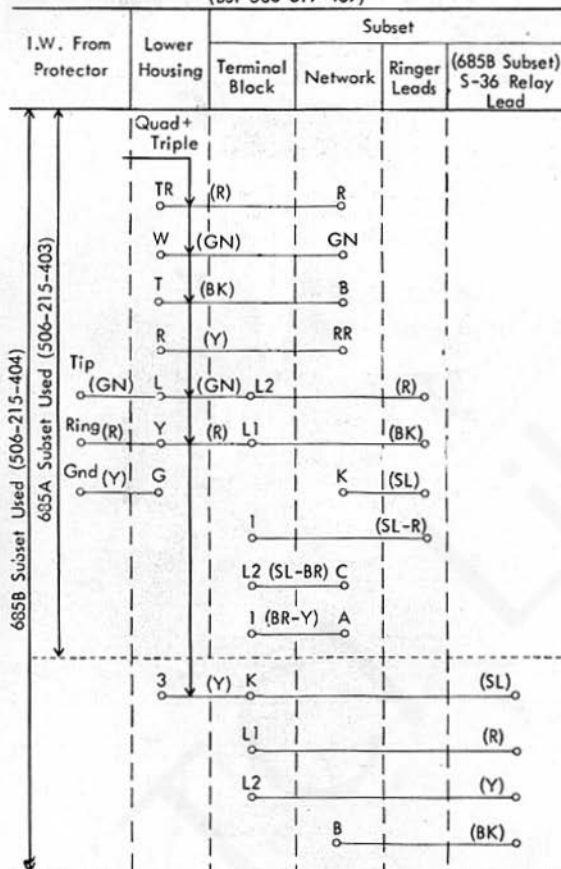
Tip Party Ident Grd	Ringer Lead			
Ohms	Red	Blk	Slate	S-R
1000	R	BK	B	R
2650*	R	BK	K	S-R

\*Move black ringer strap from B of network to K of network.

EFB	PBX - Dial Cord - Flat Bus (701-740)
EMB	PBX - Dial Cord - Meas Bus (701-740)
ENT	Zenith or Enterprise Service
EX4	Sec Line - 1 Pty, 2 Pty, PBX Trk Term on Conc
EXB	Ext Bell
EXG	Ext Bell - Loud Ringing Gong
EXL	Extension Line Without Tel
EXS	Sec Line - 1 Pty, 2 Pty Line Term or TAEQ
EXT	Ext Station
FFB	PBX - Dial Cordless - Flat Bus (756A)
FJ3	Bell Circuit With Small Bell
FJ6	Bell Circuit With Loud-Ringing Bell
FJT	Lamp Indicator Circuit, With Lamp Indicator
FJZ	Buzzer Circuit
FMB	PBX - Dial Cordless - Meas Bus (756A)
FNA	Directory Listing
FXS	Foreign Exchange Service
HC2	Tel Set - Explosive Atmosphere - Hand
HC4	Tel Set - Explosive Atmosphere - Pedestal Mount
HCD	Tel Set - Elevator - Flush Hand Type
HCF	Tel Set - Noise Cancelling Transmitter
HCG	Tel Set - Explosive Atmosphere - Wall Mount
HCJ 22	Tel Set - Hand, Outdoor - Emergency Reporting
HCJ 23	Tel Set - Hand, Outdoor - Self Lock
HCJ 24	Tel Set - Hand, Outdoor - Key Lock
HCJ 25	Tel Set - Hand, Outdoor - Non Lock
HCL	Tel Set - Illuminated Dial
HCR	Tel Set - Elevator - Semiflush Wall
HCU	Tel Set - Tel Set With Trans Cutoff
HLD	KTS - Holding - Each Station Arranged to Hold
HMR	Home Interphone - Second Door Ans Unit
HMS	Home Interphone - Basic Equip
HMT	Home Interphone - Equip to Conn Ext Tel to System
HNA	Horn - Indoor, Without Relay
HNB	Horn - Outdoor, Without Relay
JK8	Jack - Indoor - 8 Contact
JKA	Single Head Rec, Sub for Stand Tel (4A Key Non-Hold)
JKS	Jack - Indoor - 3 or Contact
JKT	Jack - Weatherproof
JUM	Joint User Service

# 233, 234, Coin Collector - Prepay Connections

(BSP 506-319-409)



NOTES: On 685A Subsets, remove "BL" strap between "RR" of Network and "L1" of Terminal Block.

When Coin Collector is installed in a KS-14611, List 2 Booth or a KS-16705 Mounting, the Tip and Ring Line Terminations are connected directly to the Subset.

New manufactured sets are wired for 685A Subset. To rearrange for use with 685B Subset, disconnect yellow strap between "T" Terminal and Coin Relay. Tape ends, turn back for future use.

9FU	Jack Indoor - 16 Contact - Non Flush
9SM	Cord - Mtg - 9' Ret
9SR	Cord - Handset (Rec) - 9' Ret
A59	Aut Ans Equip - Addl Double-Sided Ans Rec
AA6	Aut Ans - (Elec Secty) Ans & Rec - Wire
AAA	Aut Ans Equip - Ans Only (Elec Secty - Mod TT2)
AAR	Aut Ans - 1 Min Ans & Rec (Mod 1BA)
AC2	Aut Ans Equip - Type A (Mod 2A or 100A)
AFB	PBX Serv - Cordless Manual - Flat Bus
AMB	PBX Serv - Cordless Manual - Meas Bus
AMP	Tel Set - Vol Cont - Self-cont Amp
ASU	KTS - Loc Sig - (Other Than Dial Sel) - Aut Sig Unit For Intercom Line - One/Two Way
AT3	Single Head Rec, Sub For Stand Tel, With Holding (4A Key)
ATF	Att H Set, Sub For Stand Tel, With Hold (4A Key)
ATH	Att Head Tel Set/Single Head Rec - Furn With PBX
ATN	Attendant's H Set Hdle - Furn With PBX
ATW	Att's H Set Hdle, Additional
ATX	Head Tel Set With Single Head Rec, Addl
ATY	Att H Set Sub for Standard Tel, 4A Key - Without Holding (In Addition to Sta)
BCA	Relay - Line Signal - Cont Operation
BCB	Relay - Line Sig - Noncont Operation
BCP	Comb Code and Sel Unit/2 to 6 Buzzer Ckts
BEC	Bell Chime
BFB	PBX - Cord Manual, Non-Mult - Flat Bus
BL5	Sig Ckt - Rly - NC - Gong (Single Stroke) Same Mtg
BLD	Gong - Vibrating - Indoor - 10 In - Without Relay
BLE	Gong - Vibrating - Outdoor - 10 In - Without Relay
BLN	Special Billing Number Service - Q and Z - 1st Gr 50 or Less
BLQ	Special Billing Number Service - Q and Z - Ea Addl Gr 50 or Less
BMB	PBX - Cord Manual, Non-Mult - Meas Bus
BMH	PBX - Cord Manual, Non-Mult - Hotel - Flat Serv
BMZ	Local PL Magneto Sta
BUT	Signaling Key
BUZ	Buzzer
BYC	Relay for Busy Signal Operation
BZZ	Additional Buzzer

# Common G095 Requirements

## MINIMUM SERVICE DROP CLEARANCES

SERVICE DROPS: Drop wire or cable extending from a line pole or span clamp to a building or structure, or between buildings.

BSP 620-200-900 PT

	Par. No.
Over residential area - pedestrian only * .....	10' 6
Over residential driveways .....	12' 6
Over industrial or commercial area - pedestrian only .....	12' 6
Over industrial or commercial driveways .....	16' 6
At curb line or outer limits of vehicle travel .....	16' 6
At center of road to 12' from curb line .....	18' 6

### FROM POWER

At first building attachment to 15' out .....	1' 9
Beyond 15' out from first building attachment .....	2' 9
When attached to surface of pole .....	5' 10
When attached to guard arm or crossarm .....	4' 10
Street Light Fixture .....	1' 10

## MINIMUM DROP CABLE CLEARANCES

DROP CABLES: Drop wire placed between line poles or from a line pole to a span clamp.

Over residential, commercial, industrial or agriculture driveways .....	18' 6
Over highways, streets, roads or alleys .....	18' 6
Over areas accessible to pedestrians only .....	8' 6

### FROM POWER

Unguarded .....	6' 10
Guarded or on crossarm .....	4' 10
From Street Light Fixture .....	1' 10

\*We must get 10' ground clearance where pedestrians can walk. If we cannot get 10' without installing a special structure on the building, the clearance must be as great as possible - in no case less than 8 feet 6 inches. This clearance must be 12' on commercial premises.

NOTE: Climbing space of 30" shall always be maintained on pole and shall be located on opposite side of pole from cable.

Don't Guess! Use Your Measuring Stick!

## EXHIBIT - EDP ORDER

Diagram illustrating the EDP Order form structure, showing various fields and their corresponding codes. The form is divided into sections: BLK, TYPE, ORD, TOT, STAS, APPL, CUST, CREDIT, and DATE AREA. Arrows indicate the flow of information and specific codes used.

Fields and Codes:

- BLK: 10108
- TYPE: 003N1
- ORD: 0109W
- TOT: 003N1
- STAS: 0109W
- APPL: 0109W
- CUST: 0109W
- CREDIT: 0109W
- DATE AREA: 0109W

Arrows indicate the flow of information and specific codes used:

- ① Taken Date
- ② Number of Stations, or Customer Locations
- ③ Type of Application Code
- ④ Due Date
- ⑤ Type Appointment
- ⑥ Missed Appointment Code
- ⑦ Subsequent Appt. Dates and Missed Appt. Code

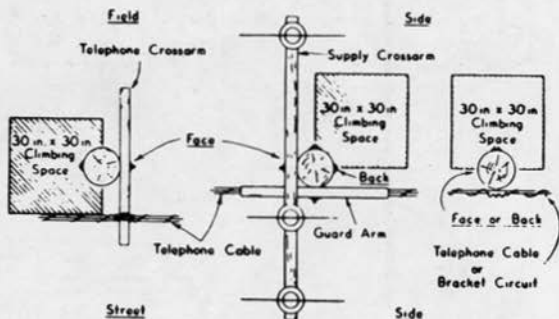
TCI Library [www.telephonecollectors.info](http://www.telephonecollectors.info)

# INSTALLING DRIVE HOOKS

(Sect. 625-300-940 PT)

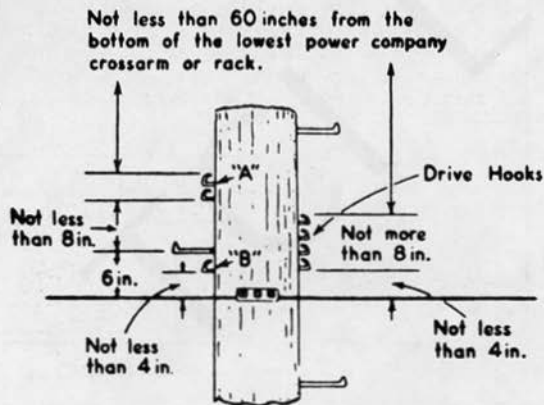
The four sides of a pole are called Face, Back, Field and Street sides.

EXAMPLE:



Place all drive hooks for Service Drops in a 1" x 8" space on face or back of pole.

EXAMPLE:



NOTE: Drive hooks may be placed at either "A" or "B", but not both.

Stagger Drive Hooks approx. 1 inch to avoid splitting pole.

## Installation Service Results PLANT CODING

BSP 680-320-940PT

### CODES

### TYPE OF APPLICATION CODE

- A1 or A2 .....Key Tel Systems
- B1 thru B5 .....PBX Systems
- C .....TWX Services
- D1 thru D3 .....TTY, Tel & Other Private Line Services
- N1 .....All Other - Marketing or Sales Negotiated Orders
- N2 .....All Other - Business Office Negotiated Orders

### TYPE OF APPOINTMENT

- W .....Company Negotiated
- X .....Customer requested appointments - later than offered date  
Customer advise orders
- Y .....Company initiated orders
- N .....Non-appointment orders  
Type of subsequent appointment will be accomplished by placing one of the appointment codes (W, X, Y or N) as a suffix to the second and each later appointment.

### PLANT CODING

Appointments Not Met - Company Reasons

- PL .....Plant work load conditions
- PE .....Station equipment, shortage or delay
- PF .....Lack of facilities (OP or CO)
- PO .....All other Company reasons

Appointments Not Met - Customer Reasons

- SA .....No access
- SR .....Customer not ready
- SL\* .....Customer requests later date
- SO .....All other Customer reasons
- \* .....Plant use SR (Not SL)

All missed appointment dates must have one of these codes added following the missed date.

NOTE: See Exhibit

MAXIMUM ALLOWABLE NUMBER OF SPANS (NOT WIRES)  
FROM A SINGLE DRIVE HOOK  
INSTALLED IN FACE OR BACK OF POLE

DIRECTIONS OF SPANS	Paralleling Pole Line	Crossing Highway	Not Crossing Highway	Total Allowable
MAXIMUM	0	0	7	7
NUMBER	0	3	4	7
OF	1	2	3	6
SPANS	2	1	2	5
	3	0	0	3

Example: By reading across the table, a maximum of two spans paralleling the pole line, one span crossing the highway and two spans not crossing the highway may be attached to the same Drive Hook.

## CAPACITY OF OTHER ATTACHMENTS

CAPACITY OF GUARD ARM HOOK  
(Sect. 462-300-940 PT)

Five spans maximum to a guard arm hook.  
Multiple Drop Wire shall be considered as three drop wires.

CAPACITY OF SPAN CLAMP  
(Sect. 462-300-205 PT)

Two drops maximum on a span clamp. One multiple drop maximum on a span clamp.

DROP AND BLOCK WIRINGSECTION

Description	462-030
Splicing	462-200
From Open Wire	462-240
Wiring at Terminals	462-260
Pole Strand & Tree Attachments	462-300
Bldg. Attachments	462-350
Runs on Buildings	462-370
Placing	462-400
Mechanical Protection	462-450
Special Applications	462-460
Disconnection & Removal	462-470
Multiple Drop Wire	462-500
Maintenance	462-800

## CODING RESIDENCE SALES ON NON-EDP SERVICE ORDERS

(Effective September 1, 1963)

Codes used on non-EDP service orders to identify sales made on residence service are as follows:

// ..... Plant sale  
I ..... Plant sale - installation visit  
R ..... Plant sale - repair visit  
O ..... Plant sale - other contact

Here are examples of how these codes are used:

Example 1 - Plant sale of added items on installation visit

1 REC 5.05 425  
EXTRC 1.00  
Indicates Plant Sale → /EXT/  
Indicates Plant Sale → /PRNPC/  
Indicates installation visit → I-MN  
PSC to get credit (see note)  
Indicates commercial unit taking order

Example 2 - Plant sale on repair visit

Indicates plant sale → /EXTYC/ 1.00  
Indicates repair visit → R

Example 3 - Plant sale on other contact

Indicates plant sale → /EXTGC/ 1.00  
Indicates other contact → O

Example 4 - Plant sold different item than one originally shown on order

EXT 1.00 262  
Indicates plant sale → /PRNEC/  
Indicates installation visit → I  
Indicates commercial unit taking order

Installer gets credit for sale of Princess.  
Commercial gets credit for sale of EXT.

Note 1: // marks and type of visit I, R or O - must be shown on service order for plant to receive sales credit. PSC code (e.g. MN) need be shown only if sale is to be credited to a different PSC than one to which order is issued.

Note 2: For other examples see BSP 680-320-970PT.



**COLOR CODE  
EVEN PIC CABLE  
(Section 632-033-152)**

Pair No.	Ring	Tip	Binder Group No.	Pairs	Binder Colors
1	BL	W	1	1-25	BL-W
2	O	W	2	26-50	O-W
3	G	W	3	51-75	G-W
4	BR	W	4	76-100	BR-W
5	S	W	5	101-125	S-W
6	BL	R	6	126-150	BL-R
7	O	R	7	151-175	O-R
8	G	R	8	176-200	G-R
9	BR	R	9	201-225	BR-R
10	S	R	10	226-250	S-R
11	BL	BK	11	251-275	BL-BK
12	O	BK	12	276-300	O-BK
13	G	BK	13	301-325	G-BK
14	BR	BK	14	326-350	BR-BK
15	S	BK	15	351-375	S-BK
16	BL	Y	16	376-400	BL-Y
17	O	Y	17	401-425	O-Y
18	G	Y	18	426-450	G-Y
19	BR	Y	19	451-475	BR-Y
20	S	Y	20	476-500	S-Y
21	BL	V	21	501-525	BL-V
22	O	V	22	526-550	O-V
23	G	V	23	551-575	G-V
24	BR	V	24	576-600	BR-V
25	S	V			

**ABBREVIATIONS**

BL - BLUE  
O - ORANGE  
G - GREEN  
BR - BROWN  
S - SLATE  
W - WHITE  
R - RED  
BK - BLACK  
Y - YELLOW  
V - VIOLET

**AUXILIARY EQUIPMENT**

Auxiliary Equipment Residence and Business	Monthly Rate (Each)	IC	SC CI CL
<b>ADDITIONAL DIRECTORY LISTINGS</b>	.358	-	-
<b>AMPLIFIER FEATURES</b>			
Amplifier Set	1.25A	-	-
Speakerphone A	5.00A	-	-
Speakerphone B	7.50A	-	-
New Service	-	-	SC 7.00DE
Add as Extension Station	1	-	SC 4.00EF
Change Existing Set	-	-	RC 4.00JKLN
<b>AUTOMATIC ANSWERING SETS</b>			
Answer Only	13.50A	35.00C	-
Answer and Record	15.00A	35.00C	-
Electronic Secretary	16.00A	35.00C	-
<b>CORDS</b>			
Handset, 9' spring type	-	2.00C	-
Mounting, 9' or 13' straight	-	3.50C	-
Mounting, 5-1/2' or 9' spring type	-	2.00C	-
Mounting, 25' straight	-	5.00C	-
<b>DIAL FEATURES</b>			
Illuminated Dial	.75A	-	-
Illuminated Dial + Night Light	1.00A	-	-
New Service	-	-	SC 7.00DE
Add Extension Station	1	-	SC 4.00EF
Change existing set	-	-	CI 4.00JKL
<b>PANEL PHONE</b>	M	25.00	4.00
<b>JACKS AND PLUGS</b>			
Flush jack (indoor)	-	7.50C	-
Non-Flush Jack (indoor)	-	7.50C	-
Marine (outdoor)	-	15.00C	-
Patio (outdoor)	-	15.00C	-
<b>RINGERS</b>			
Bell Chime (1 & 2 Party only)	.65A	5.00G	-
Loud Ringing Gongs	.60A	4.00G	-
Extension Bell	.50A	4.00G	-
Bell Cut-Off Key			
New Service	.35H	-	SC 7.00DE
Add extension station	.35H	-	SC 4.00EF
Add to existing service	.35H	-	CI 4.00JKL

A - IN ADDITION to your regular monthly rate.

B - BUSINESS - \$.75 each listing.

C - Apply to each item installed.

D - \$4.00 if LI connected "in place"; all other conditions - Res. \$7.00 (Bus. \$10.00).

E - One or More Exts. may be installed for same SC chg. (Business - Apply \$4.00 to ea. extension installed).

F - NO SC if remove a 25' cord. (Does not apply to Business).

G - WAIVED if installed on same Prem. with residence main or extension station to which an SC charge is applied, or if "in place".

H - One or more stations may have Bells cut off at set if Bell Chime installed on same premise.

I - In addition to 1.00 per month for each extension.

J - May also change location (CL).

K - May change color if in color.

L - One station 4.00, 2 or more 7.00 max. per res. line (Bus. - 4.00 ea. station).

M - No extra monthly charge beyond regular station rate of the class, grade and type ordered.

N - No charge from A to B-RC 4.00 from B to A.

# TEST NUMBERS

# COLOR

COLOR - 500 SERIES	IC	SC CI CL
ONE TIME COLOR CHARGE IN ADDITION		
RESIDENCE		
New Connects, Reconnects, T & F's	10.00ABC	SC 7.00D
Change Black main or extension station to color	10.00ABC	-
Change color (CI)	-	CI 4.00B
Change location (CL)	-	CL 4.00G
Change Princess to Color	10.00AH	-
Change Two-Tone (TT) to Color	-	CI 4.00A
Add Extension in Color 1.00 per month	10.00A	SC 4.00E
BUSINESS		
New Connects, Reconnects, T & F's	10.00ABC	SC 10.00D
Change Black main or extension station to color	10.00ABC	-
Change color (CI)	-	CI 4.00B
Change location (CL)	-	CL 4.00G
Change Princess to Color	10.00AH	-
Change Two-Tone (TT) to Color	-	CI 4.00A
Add Extension in Color 1.00 per month	10.00A	SC 4.00F

A -Apply to each color installed.

B -May also change location (CL).

C -NO IC if: LI or had color set in Calif. (any company) or had color in any Bell System Company in U.S.

D -\$4.00 SC only if color is LI and taken "in place" or customer takes color (\$10.00).

E -One or more Extensions may be installed for one SC charge.

F -Apply to each business extension installed.

G -May also change color.

H -NO IC if: Customer had full color, changed to Princess, requests change back to full color or wants to keep Princess and add full color at same or new address, apply CI-\$4.00 only two or more-\$7.00 max. per res. line. (Business-apply \$4.00 each set changed).

## STATION RINGER TEST

## SF-EB-PEN-SO. BAY DIVISIONS

ANC Prefix	Letter Prefix	Place or Exchange	Group No.	ANC Prefix	Letter Prefix	Place or Exchange	Group No.
221	BA 1	San Francisco	14	362	DO 2	San Francisco	14
222	CA 3	Richmond	15	365	-	Redwood City	15
225	BA 5	San Jose	15	366	EM 6	Redwood City	2
227	BA 7	San Jose	12	367	-	Redwood City	None
228	AC 8	Martinez	15	368	EM 8	Redwood City	2
232	BE 2	Richmond	14	369	EM 9	Redwood City	2
233	BE 3	Richmond	14	371	-	San Jose	10
234	BE 4	Richmond	14	376	DR 6	Moraga	4
235	BE 5	Richmond	14	377	ES 7	Campbell	12
237	-	Richmond	15	378	FR 8	Campbell	10
241	CH 1	San Jose	5	379	DR 9	Campbell	12
243	CH 3	San Jose	6	386	EV 6	San Francisco	14
244	-	San Jose	15	387	-	San Francisco	14
245	CH 5	Sunnyvale	13	388	DU 8	Mill Valley	15
248	CH 8	San Jose	9	392	EX 2	San Francisco	14
251	CL 1	San Jose	15	396	-	San Francisco	None
252	AL 2	San Jose	15	397	EX 7	San Francisco	14
253	AL 3	San Jose	12	399	EX 9	San Francisco	None
254	CL 4	Orinda	15	421	GA 1	San Francisco	14
257	-	San Jose	15	431	HE 1	San Francisco	14
258	CL 8	San Jose	12	432	HE 2	Pittsburg	15
259	-	San Jose	13	434	-	San Francisco	15
261	AM 1	Oakland	14	435	GE 5	Belvedere	19
262	AM 2	San Jose	15	439	HE 9	Pittsburg	14
264	AM 4	San Jose	13	444	HI 4	Oakland	14
265	-	San Jose	10	447	HI 7	Livermore	15
266	AN 6	San Jose	15	451	GL 1	Oakland	14
269	AN 9	San Jose	15	452	GL 2	Oakland	14
271	CR 1	Oakland	None	453	GL 3	San Rafael	15
273	CR 3	Oakland	None	454	GL 4	San Rafael	12
276	BR 6	Hayward	12	456	GL 6	San Rafael	15
278	BR 8	Hayward	12	458	GL 8	Pittsburg	15
282	AT 2	San Francisco	14	461	HO 1	San Rafael	15
283	AT 3	Lafayette	12	467	-	San Francisco	14
284	AT 4	Lafayette	12	471	GR 1	Union City	15
285	AT 5	San Francisco	14	474	GR 4	San Francisco	14
286	-	San Jose	15	479	GR 9	San Rafael	15
292	CY 2	San Jose	14	483	-	Oakland	10
293	CY 3	San Jose	14	521	LA 1	Alameda	14
294	CY 4	San Jose	14	522	LA 2	Alameda	14
295	CY 5	San Jose	14	523	LA 3	Alameda	14
296	AX 6	San Jose	8	524	LA 4	Albany	14
297	CY 7	San Jose	14	525	LA 5	Albany	14
298	CY 8	San Jose	14	526	LA 6	Albany	14
299	CY 9	San Jose	None	527	-	Albany	14
301	DA 1	Palo Alto	12	531	-	Oakland	14
302	DA 2	Palo Alto	2	532	KE 2	Oakland	14
303	DA 3	Palo Alto	2	533	KE 3	Oakland	14
304	DA 4	Palo Alto	2	534	KE 4	Oakland	14
305	DA 5	Palo Alto	2	535	-	Oakland	12
306	DA 6	Palo Alto	15	536	KE 6	Oakland	14
307	-	Palo Alto	15	537	JE 7	Hayward	14
308	ED 2	Sausalito	15	538	JE 8	Hayward	14
313	DE 3	San Francisco	14	552	KL 2	San Francisco	14
314	DE 4	San Francisco	14	553	KL 3	San Francisco	None
341	FI 1	San Mateo	2	556	-	San Francisco	15
342	DI 2	San Mateo	2	558	-	San Francisco	None
343	DI 3	San Mateo	2	561	JO 1	San Francisco	14
344	DI 4	San Mateo	2	562	LO 2	Oakland	14
345	FI 5	San Mateo	2	564	LO 4	San Francisco	14
346	FI 6	San Francisco	14	566	LO 6	San Francisco	14
347	-	San Mateo	2	567	JO 7	San Francisco	14
349	-	San Mateo	14	568	LO 8	Oakland	14
351	EL 1	San Leandro	15	569	LO 9	Oakland	14
352	-	San Leandro	13	581	LU 1	Hayward	14
353	FL 5	Pacific	15	582	LU 2	Hayward	14
357	EL 7	San Leandro	15	583	JU 3	So. San Francisco	14
359	EL 9	Pacific	15	584	JU 4	San Francisco	14

## BASIC SERVICE CHARGES

	Monthly Rate (Each)	SC CI CL
<b>RESIDENCE BASIC CHARGES</b>		
New Connects, Reconnects, T & F		
NO IOP	-	SC 7.00B
One IOP connected "in place"	-	SC 4.00B
One IOP customer wants CL or CI	-	SC 7.00BC
Two or more IOP's one connected "in place," CL or CI others	-	SC 4.00K
<b>Existing Service</b>		
Change Location of set (CL)	-	CL 4.00FG
Change instrument (cust. request)	-	CI 4.00GHJ
<b>Extension Added to</b>		
New Service	1.00A	B
Existing Service	1.00A	SC 4.00BD
<b>BUSINESS BASIC CHARGES</b>		
New connects, Reconnects, T & F		
NO IOP	-	SC 10.00
IOP connected "in place" (black or color)	-	SC 4.00
IOP customer wants CL or CI	-	SC 4.00
	-	CI 4.00GI
<b>Existing Service</b>		
Change instrument (cust. request)	-	CI 4.00GI
Change location of set (CL)	-	CL 4.00GI
<b>Extension Added to</b>		
New service	1.00A	SC 4.00E
Existing Service	1.00A	SC 4.00E

A-In Addition to your regular monthly rate.

B-One or more Extensions may be installed for same SC charge.

C-\$4.00 if customer takes color (\$10.00) which includes CI and CL.

D-NO SC if remove a 25' cord.

E-Apply to each extension installed.

F-May also change color (CI).

G-\$4.00 waived if cust. takes color (\$10.00) which includes CI and CL.

H-May also change location (CL).

I-Apply to each station changed.

J-4.00 Applied to single station, 2 or more 7.00 max. per res. line

K-When CI is from black to Princess or color, see appropriate charges on Page 6-7

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## WORK UNIT VALUES

AFTER WORK IS DONE, USE THESE VALUES IN PLACE OF AVERAGE VALUES FOR NEW INSTALLS AND REINSTALLS

	RES.	BUS.
NEW INSTALL - MAIN	10	15
- EACH EXT.	9	13
REINSTALL - MAIN	8	11
- EACH EXT.	6	8
TELEPHONE RECONNECTED - MAIN	6	7
- EACH EXT.	3	4
NEW DROP PLACED	7	9

STATION JACK OR KEY PLACED	5	5
EXTERNAL SIGNAL PLACED	4	6

### INWARD - OTHER (ADD TO ABOVE UNITS WHERE APPROPRIATE)

LINE AND STATION TRANSFER	3	3
4 & 6 BUTTON KEYS (INSTALL & REINSTALLS)	19	19
4 & 6 BUTTON KEYS (RECONNECTS)	5	5
SPEAKERPHONE	10	10
TELEPHONE ANS.	12	12
COIN COLLECTOR	2	2
BOOTH - INDOOR	-	11
BOOTH - FITTING	-	4

### PLANT CHANGES

INSIDE MOVE OR WIRING MOVE	9	15
INSIDE MOVE 4 & 6 BUTTON KEYS	-	13
SUBSTITUTION	7	10
REGRADE OR REASSOCIATION	5	6
TEMPORARY SUSPENSION OR RESTORAL	4	4
JACK, KEY OR EXTERNAL SIG.	5	6
NUMBER CARD CHANGE	3	1
CORD CHANGE	4	3
LINE AND STATION TRANSFER	3	3
DENIAL OR RESTORAL	2	2

### OUTWARD STATION MOVEMENT

STA. REMOVED AT DISCONNECT	4	4
EXTERNAL SIG. OR KEY REMOVED	1	1
LEFT-IN STATION REMOVED	4	4

FOR WORK OPERATIONS NOT LISTED, SEE YOUR FOREMAN.

## TELEPHONE NUMBERS

Frames \_\_\_\_\_

L. I. Clerk \_\_\_\_\_

Marketing Dept. \_\_\_\_\_

Order Board \_\_\_\_\_

REPORT SALES \_\_\_\_\_

Loc. Test Board \_\_\_\_\_

Sect. Accounts \_\_\_\_\_

Switchroom \_\_\_\_\_

Tel. Planning Serv. \_\_\_\_\_

Toll Serv. Orders \_\_\_\_\_

Toll Test \_\_\_\_\_

# ◆MOISTEN GUMMED EDGES◆

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## OF SERVICE GUIDE

Data sets, includes sets with serial modems such as 201A-B and 301B	- D3
Data speed, sender or receiver	- DS
Dialaphone, special miscellaneous feature	- SM
Interphone, farm or home, master station	- MS
Interphone, farm or home, door unit or loudspeaker	- DU
Interphone, farm or home, other station	- OS
Key apparatus, 6A, basic system	- 6A
Key apparatus, 6A, each additional code over 9	- 6B
Key box, 3 or 6 line capacity	- K3
Key box, 10 or more line capacity	- K1
Key equipment, 4A (6026 type key or equivalent)	- 4A
Key mountings, #400	- KM
Key, set or box feature	- KF
Lamp, telephone message, waiting	- ML
Line, special service (unequalized)	- SU
Line, special service (equalized)	- SE
Loudspeaker (except speakerphone)	- LS
Order receiving table	- OT
Order turret positions, #1, #2, #4	- OT
Order turret positions, #3, #6, #40, #200	- 36
Panel Phone	- EW
PBX, cordless	- CL
PBX, cord (non-multiple)	- CN
PBX, 750, 755 type	- 75
PBX, 756	- 56
PBX, other features, cords, jacks, etc.	- OF
Private line service station, four wire full period	- 4W
Rapidial, special miscellaneous feature	- SM
Recorder connector	- RC
Selective signaling system, SS1 or equivalent type	- SS
Set, carrier, M1, P and similar type (inward only)	- M1
Set, speakerphone, 592 or equivalent	- SP
Set, telephone answering, 1A, 2A or equivalent type	- TA
Set, telephone answering, 100A or equivalent type	- 10
Shelves	- SB
Speakerphone feature	- SF
Switching system, #400	- SW
Switching system, other feature, cords, jacks, etc.	- OF
Turret, Chief operator's	- OT

Ammendment - Paste Over Page

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## CODES FOR USE ON LINE K — BASIC EQUIPMENT

Code	ITEM	Line K Field
CC	Coin Collector: all types, except 1A1-61A or equivalent "Coin Telephone"	CL, SU
KL	Basic set: keyless and one-button sets, and 1A1-61A type "coin telephone"	CL, SU
KT	4- and 6-button set: includes nonkey set with 6050 or 6040 type key, and Card Dialer sets	CL, SU
TT	Teletypewriter set—(TWX and DATA-PHONE services only) Not used for basic unit tally, but Accounting needs for special treatment of station recording	DISC
12	12-button Call Director or console: includes nonkey set with 6051 type key	CL
18	18-button Call Director or console	CL
30	30-button Call Director or console	CL
40	40-button Call Director or console Note: For sizes different than listed, use next smaller size listed.	CL
CD	Cord or handset (handle) change	OR
JK	Station jack	IN, OR
NC	Station number card or designation strip change: includes PBX stations changed to CENTREX CU or vice versa, and changes between local and foreign exchange service without regrades	OR
OM	Outside move—main stations: show only on orders written as inside moves that are treated as outside moves. If no main stations involved show zeros for quantity—(000M). This tells computer how many stations shown on Line J are main stations, for recording purposes	IN
RA	Reassociation or Regrade: party line main stations transferred to another party line; main stations regraded on "In" order of related orders changing from local to foreign exchange service or vice versa; PBX stations changed to CENTREX CO main stations or vice versa; bridged PBX or CENTREX station transferred as extension on another line; and main stations on PBX regrade from flat to message rate or vice versa, including trunks on small PBX's (R/C 28)	OR
RS	Restore service Main Stations on party line, PBX, CENTREX CU, and Order Receiving Service; and trunks specified for small PBX and Order Receiving Services	OR
SS	Suspend service	OR
SK	External signal or key (excludes 6050 type keys, and regular bell for sets without internal bell—Princess, coin, etc.)	IN, OR, DISC

\* Approved codes listed by fields in which the computer is programmed to accept them are:

IN	CL	SU	OR	DISC
JK	CC	CC	CD	SK
OM	KL	KL	JK	TT
SK	KT	KT	NC	
	12		RA	
	18		RS	
	30		SK	
	40		SS	

## PRIORITY SEQUENCE OF BASIC ITEMS

- Reconnect**—applies for main station, when main and extensions shown, if one or more but not all stations were reconnected.
- Reinstall**—applies for main station, when main and extension shown, if one or more but not all stations were reinstalled and none was reconnected.
- New Install**  
Note: New drop or block wires also apply for new installs, reinstalls, and reconnects of lines and stations. The I & R Manual tells how and when to report them.
- Inside Move**—Includes outside move (2 orders) treated as inside move (see P.I. 290.05), stations on replace (but not detach) orders, and moves of extensions only on reconnect orders.
- Regrade**—Change in grade, type, or class of service. Applies only to main stations on business, residence, PBX, and coin services. Includes regrade made with change from local to foreign exchange service or vice versa ("In" orders only).  
Note: Changes from business or residence service to PBX or vice versa, from PBX to CENTREX, and extensions to main stations are not considered regrades.
- Set Substitution**—Includes substitutions for extensions, but not main stations, on reconnect and regrade orders.
- Reassociation**—Applies only to: party line main stations transferred to another party line; PBX stations changed to CENTREX CO main stations or vice versa; and bridged PBX or CENTREX stations transferred to another line as extension stations.
- Temporary Suspend or Restore**—Applies only if field visit made for: party line main stations; main stations specified on orders for PBX, CENTREX CU, and Order Receiving Service; and trunks specified on orders for small PBX and Order Receiving Services.
- Cord or Handset (handle) Change**—Applies only if none of preceding items apply for same station on the same order or related order.
- Number Card Change**—One station number card or designation strip change per station if no other item reported for same station on same order or related order. Includes PBX stations changed to CENTREX CU or vice versa, and stations changed from local to foreign exchange service or vice versa without being regraded. Excludes all stations on regrade or reassociation orders.