

BELL SYSTEM PRACTICES  
 Station Operations Manual  
 General  
 Local Test Room Operation  
 Plant Operating Practices  
 Plant Assignment  
 Subscriber Plant Assignment

SECTION C16.990  
 SECTION F26.912  
 SECTION M25.77  
 Issue F, 11-1-58-N  
 TPT&TCO.

## WORK SHEETS

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### 1. GENERAL

1.01 This section covers work sheets for use with work orders issued to cover key telephone systems, multiple line key cabinets, and similar key equipments. It is revised to cover revised work sheet forms.

1.02 "Square KTS" systems are covered in BSP C16.991 - F26.921 - M25.17.

### 2. FORMS

2.01 Work sheet forms are as follows:

<b>Form</b>	<b>Size and Description</b>
K2393 (Small)	8-1/2" by 11" (10 lines and 12 stations) 4-page snap-out.
K2393C (Small)	8-1/2" by 11" (10 lines and 12 stations) Sheets and carbons padded for single or snap-out use.
K2393A (Medium)	11" by 17" (20 lines and 20 stations) 4-page snap-out.
K2393D (Medium)	11" by 17" (20 lines and 20 stations) Sheets and carbons padded for single or snap-out use.

### 3. PREPARATION

3.01 Key Telephone Service: Commercial will issue a work sheet for each installation and for later changes or additions which affect the remainder of the system or involve two or more stations. Work sheets will not be issued for:

- (a) Key arrangements which involve only cutting off an extension or extension bell, including alternate connection of bells on suburban service.
- (b) Installation of a one-way or two-way signaling circuit between a main station and an extension station where not already classified as a KTS, and no other features are involved.
- (c) Change of telephone number only.
- (d) Change of location or type of instrument without change of features.
- (e) Disconnection of stations not affecting the remainder of the KTS.
- (f) Complete disconnection of a KTS.
- (g) Addition of stations connected to one line only when service features are not involved.

3.02 Multiple Line Key Cabinet and Similar Services: Commercial will issue a work sheet for multiple line key cabinet service and similar services where more than one key cabinet is being installed and for any later changes involving more than one key cabinet.

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- 3.03 Changes: Commercial will issue new work sheets if changes affect two or more stations. They will show the layout of the complete system after the changes are made. The RMKS space of change orders (that don't require work sheets) will detail the work to be done.
- 3.04 Figs. 1, 2, and 3 show how commercial will fill in work sheets.
- 3.05 Fig. 4 shows work sheet codes and schematics. (Also see BSP A802.090-L C15.990 - F26.911 - M25.06.)

→ BSP M28.05 - SOP 22.111 covers Ordering and Shipping Equipment - Complex  
→ Equipment Ordering Plan.

4.05 Plant assignment shall forward:

- (a) One copy of the work sheet, attached to each PR copy of the work order to the order desk.  
→ (b) Two copies of the work sheet, attached to each IW copy of the work order to the field forces.

EXCEPTION: One copy of the work sheet may be sent to the field forces separately as an advance copy to make a job survey.

5. CORRECTIONS

- 4.01 Commercial will forward three copies of work sheets to plant assignment. At locations where work orders are prepared on typewriters, commercial will forward the work sheets attached to the work order to plant assignment. In instances where the work sheets are forwarded separately from the work order, commercial will show "SEE WS" in the RMKS space of the work order.
- 4.02 Where some of the stations of a key equipment installation requiring a work sheet are off-premises, commercial will forward three extra copies of the work sheet for each off-premises address to the plant service center.

NOTE: No extra copies are needed where off-premises lines merely terminate on another key equipment system. For these lines commercial will show the line termination data in the RMKS space of the order.

4.03 Since plant must use the work sheet to order equipment, it is imperative that the work sheet be received by plant assignment on the day the order is taken. Or in no case later than the following work day. In order to meet this requirement, commercial normally will issue the work sheet on the same day as the taken date and in no case later than the first four hours of the next working day.

4.04 When plant assignment receives a new work sheet, they will refer to the old work sheet, if any. If material is needed, they will order it right away.

5.01 Where commercial originates a correction after they have distributed the work sheet, the plant service center shall arrange to have all copies of the work sheet corrected and for the REMARKS space of the work sheet to show the date and initials of the commercial person authorizing the correction.

5.02 Where a correction develops in connection with a field craftsman's visit to the subscriber's premises, make no changes until authorized by the salesman. If authorized by the salesman, make the change and show the date and the salesman's initials in the REMARKS space of the work sheet.

NOTE: The field craftsman shall arrange to have other copies of the work sheet corrected by telling the order desk about the authorized changes.

6. COMPLETED WORK SHEETS

- 6.01 When the work operations covered by the work sheet and the work order are completed, the field craftsman shall:
- (a) Enter the equipment code detail in the PLANT EQUIPMENT CODES and PLANT COM EQ spaces of his two copies of the work sheet. (See Figs. 5 and 6.) He shall also show the type of system at the top of the PLANT COM EQ space. Here are some examples: 1A, 1A1, 23A, 101A, and Teletalk.

- (b) Enter his name and the completion date in the space provided.
- (c) Place one completed copy of the work sheet in the apparatus box or cabinet for reference when doing future installation and maintenance work.
- (d) Send one completed copy of the work sheet to the plant service center.

6.02 Forward the plant service center copy of the work sheet with the completed "PR" copy of the work order to the employee responsible for posting the subscriber line card records. Make up the line card as far as possible (See 6.03). Then file the work sheet in the telephone number sequence, by central office units, in a pending file.

6.03 As soon as the plant service center receives the field copy of the completed work sheet, they shall remove the pending copy from file. Destroy the pending copy. Complete the line card (See 6.02). File the completed field copy of the work sheet in telephone number sequence, by central office units, in standard binders (for reference when doing future installation and maintenance work).

NOTE 1: File medium and large work sheets in envelopes (Form S-1432). Punch the envelope so it can be placed in the binder in telephone number sequence with the small work sheets. Place the telephone number on the envelope in the same location as on the small work sheets.

NOTE 2: In locations where commercial shows both the telephone number and a KS (key system) number, file the work sheets in KS number sequence by pilot telephone number.

6.04 Any time a work sheet is removed from the completed file, replace it with a temporary record. Show the telephone number, date, and new order number, if any, on this record. A new work sheet can supersede an existing work sheet. If it does, remove the old one from file and destroy it.

6.05 For existing systems, post work sheets to reflect changes and partial disconnects covered solely by work orders.

NOTE: If for any reason the work sheet for an existing system is not in the plant file, request another copy from commercial.

## 7. STATION NUMBER CARDS AND WINDOWS

7.01 Plant assignment shall attach to the field craftsman's copy of the work order or work sheet of a multi-station system:

- (a) Station number cards.
- (b) Windows (Forms E-2959) having the proper letters of the alphabet, for each separate station of the system. Windows shall correspond to the information shown on the work sheet in the STA spaces or similar information on work orders.

7.02 Where several station number cards and windows are involved, place them in the B.S. No. 13 Glassine Envelope and attach to the field copy of the work order or work sheet.

## 8. DESIGNATION AND DIRECTORY CARDS

8.01 Designation cards for KTS and other station systems are covered in BSP C37.321. C63.826 tells field craftsmen how to get them made up. If the plant service center makes them up, get them to the field craftsman before the field work is completed.

8.02 Form E-4097, Dial Selective Inter-communicating Directory Card (Fig. 7), is used at KTS stations that pick up intercommunicating lines arranged for dial selective signaling (see BSP C71.331).

8.03 Plant service centers shall make up Forms E-4097 for each station that picks up a dial selective intercom line. On the work sheet, commercial will show "DS COML". Also commercial will show:

- (a) Dialing code number assigned to each station.
- (b) Initials of the "User" at each station.

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**8.04 When making up Form E-4097:**

- (a) Type the telephone number in the large center space - use only the first two letters of the office name. Include PBX extension number, if there is one.
- (b) Refer to the work sheet. And type the KTS station letter in the space opposite number "1" of the dial, for each station.
- (c) In the spaces opposite numbers "2" to "0" of the dial (see Fig. 8), type the initials shown on the work sheet for each dialing code number assigned.

Also on the card for each station, type an asterisk below the initials of the "User" at that station (see Fig. 7).

**8.05 Send several extra Forms E-4097 with each order. Type only the telephone number and PBX extension number on them. The subscriber will use them to replace the other cards when he has personnel changes. The field craftsman will show him how to replace them.**

**NOTE: Subscribers may call to ask for more Forms E-4097 to use in replacing others. When they do, type them and mail them.**

KEY TELEPHONE WORK SHEET		TEL. NO. <u>Do 7-6193</u>		SYSTEM # <u>-4-25</u>	
SUB. <u>NELSON, PHOE CO</u>		S <u>4-18</u> ON <u>826501</u>		EXCHANGE <u>ALPHA</u>	
ADDR. <u>216/ 3D AV</u>		SEE <u>MIC NELSON</u>		DATE <u>19-58</u>	
LINE		USER → <u>NELSON, SECTY BTR-P</u>		COM. EQ.	
1 STA → A <u>26</u> B <u>31</u> C <u>28</u> D <u>30</u> E		F G H J K L M		<u>4</u> <u>H</u> <u>L2 P</u> <u>S</u> <u>4</u> <u>V</u>	
DoT-6/93 → <u>B1 LH</u>		P P			
DoT-6/94 → <u>B1 LH</u>		B P			
DS COML → <u>B1 LH</u>		C P			
DS COML → <u>B1 LH</u>		D P			
HOLD - VISUAL → <u>H V</u>		E V			
NEW - CHANGE → <u>N C</u>		F V			
OTHER STA EQUIPMENT → <u>DS z2</u>		G V			
AUDIBLE SIG → <u>B1 LH</u>		H V			
SIG OR PB TO STAS CIRCLED → <u>B1 LH</u>		I V			
OTHER SIG ARRANGEMENTS → <u>(S)</u>		J V			
DESCRIPTION OF CHANGE OF STA → <u>ADD EXCLUSIVE \$ CHARGE</u>		K V			
REMARKS → <u>INSTL. COMPL. DATE</u>		L V			
PLANT COM EQ		M V			
PLANT EQUIPMENT CODES		N V			
Write in and circle other line features e.g. LL or BL.		O V			
Describe station changes briefly.		P V			

KEY TELEPHONE WORK SHEET		TEL. NO. <u>EX 8-1744</u>		SYSTEM # <u>19-58</u>	
SUB. <u>JONES INSURANCE CO</u>		S <u>5-27</u> ON <u>814063</u>		EXCHANGE <u>ALPHA</u>	
ADDR. <u>2610 S 10TH</u>		SEE <u>MIC NELLIN</u>		DATE <u>5-20</u>	
LINE		USER → <u>JONES LANG ALLEN BARROWS NELLIN</u>		COM. EQ.	
1 STA → A <u>3</u> B <u>1</u> C <u>4</u> D <u>2</u> E <u>7</u> F		G H I K L M		<u>4</u> <u>H</u> <u>L2 P</u> <u>S</u> <u>4</u> <u>V</u>	
EX8-1744 → <u>B1 LH</u>		P			
EX8-1745 → <u>B1 LH</u>		P			
EX8-1746 → <u>B1 LH</u>		P			
EX8-1747 → <u>B1 LH</u>		P			
EX8-1748 → <u>B1 LH</u>		P			
EX8-1749 → <u>B1 LH</u>		P			
EX8-1750 → <u>B1 LH</u>		P			
EX8-1751 → <u>B1 LH</u>		P			
EX8-1752 → <u>B1 LH</u>		P			
EX8-1753 → <u>B1 LH</u>		P			
EX8-1754 → <u>B1 LH</u>		P			
EX8-1755 → <u>B1 LH</u>		P			
EX8-1756 → <u>B1 LH</u>		P			
EX8-1757 → <u>B1 LH</u>		P			
EX8-1758 → <u>B1 LH</u>		P			
EX8-1759 → <u>B1 LH</u>		P			
EX8-1760 → <u>B1 LH</u>		P			
EX8-1761 → <u>B1 LH</u>		P			
EX8-1762 → <u>B1 LH</u>		P			
EX8-1763 → <u>B1 LH</u>		P			
EX8-1764 → <u>B1 LH</u>		P			
EX8-1765 → <u>B1 LH</u>		P			
EX8-1766 → <u>B1 LH</u>		P			
EX8-1767 → <u>B1 LH</u>		P			
EX8-1768 → <u>B1 LH</u>		P			
EX8-1769 → <u>B1 LH</u>		P			
EX8-1770 → <u>B1 LH</u>		P			
EX8-1771 → <u>B1 LH</u>		P			
EX8-1772 → <u>B1 LH</u>		P			
EX8-1773 → <u>B1 LH</u>		P			
EX8-1774 → <u>B1 LH</u>		P			
EX8-1775 → <u>B1 LH</u>		P			
EX8-1776 → <u>B1 LH</u>		P			
EX8-1777 → <u>B1 LH</u>		P			
EX8-1778 → <u>B1 LH</u>		P			
EX8-1779 → <u>B1 LH</u>		P			
EX8-1780 → <u>B1 LH</u>		P			
EX8-1781 → <u>B1 LH</u>		P			
EX8-1782 → <u>B1 LH</u>		P			
EX8-1783 → <u>B1 LH</u>		P			
EX8-1784 → <u>B1 LH</u>		P			
EX8-1785 → <u>B1 LH</u>		P			
EX8-1786 → <u>B1 LH</u>		P			
EX8-1787 → <u>B1 LH</u>		P			
EX8-1788 → <u>B1 LH</u>		P			
EX8-1789 → <u>B1 LH</u>		P			
EX8-1790 → <u>B1 LH</u>		P			
EX8-1791 → <u>B1 LH</u>		P			
EX8-1792 → <u>B1 LH</u>		P			
EX8-1793 → <u>B1 LH</u>		P			
EX8-1794 → <u>B1 LH</u>		P			
EX8-1795 → <u>B1 LH</u>		P			
EX8-1796 → <u>B1 LH</u>		P			
EX8-1797 → <u>B1 LH</u>		P			
EX8-1798 → <u>B1 LH</u>		P			
EX8-1799 → <u>B1 LH</u>		P			
EX8-1800 → <u>B1 LH</u>		P			
EX8-1801 → <u>B1 LH</u>		P			
EX8-1802 → <u>B1 LH</u>		P			
EX8-1803 → <u>B1 LH</u>		P			
EX8-1804 → <u>B1 LH</u>		P			
EX8-1805 → <u>B1 LH</u>		P			
EX8-1806 → <u>B1 LH</u>		P			
EX8-1807 → <u>B1 LH</u>		P			
EX8-1808 → <u>B1 LH</u>		P			
EX8-1809 → <u>B1 LH</u>		P			
EX8-1810 → <u>B1 LH</u>		P			
EX8-1811 → <u>B1 LH</u>		P			
EX8-1812 → <u>B1 LH</u>		P			
EX8-1813 → <u>B1 LH</u>		P			
EX8-1814 → <u>B1 LH</u>		P			
EX8-1815 → <u>B1 LH</u>		P			
EX8-1816 → <u>B1 LH</u>		P			
EX8-1817 → <u>B1 LH</u>		P			
EX8-1818 → <u>B1 LH</u>		P			
EX8-1819 → <u>B1 LH</u>		P			
EX8-1820 → <u>B1 LH</u>		P			
EX8-1821 → <u>B1 LH</u>		P			
EX8-1822 → <u>B1 LH</u>		P			
EX8-1823 → <u>B1 LH</u>		P			
EX8-1824 → <u>B1 LH</u>		P			
EX8-1825 → <u>B1 LH</u>		P			
EX8-1826 → <u>B1 LH</u>		P			
EX8-1827 → <u>B1 LH</u>		P			
EX8-1828 → <u>B1 LH</u>		P			
EX8-1829 → <u>B1 LH</u>		P			
EX8-1830 → <u>B1 LH</u>		P			
EX8-1831 → <u>B1 LH</u>		P			
EX8-1832 → <u>B1 LH</u>		P			
EX8-1833 → <u>B1 LH</u>		P			
EX8-1834 → <u>B1 LH</u>		P			
EX8-1835 → <u>B1 LH</u>		P			
EX8-1836 → <u>B1 LH</u>		P			
EX8-1837 → <u>B1 LH</u>		P			
EX8-1838 → <u>B1 LH</u>		P			
EX8-1839 → <u>B1 LH</u>		P			
EX8-1840 → <u>B1 LH</u>		P			
EX8-1841 → <u>B1 LH</u>		P			
EX8-1842 → <u>B1 LH</u>		P			
EX8-1843 → <u>B1 LH</u>		P			
EX8-1844 → <u>B1 LH</u>		P			
EX8-1845 → <u>B1 LH</u>		P			
EX8-1846 → <u>B1 LH</u>		P			
EX8-1847 → <u>B1 LH</u>		P			
EX8-1848 → <u>B1 LH</u>		P			
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EX8-1854 → <u>B1 LH</u>		P			
EX8-1855 → <u>B1 LH</u>		P			
EX8-1856 → <u>B1 LH</u>		P			
EX8-1857 → <u>B1 LH</u>		P			
EX8-1858 → <u>B1 LH</u>		P			
EX8-1859 → <u>B1 LH</u>		P			
EX8-1860 → <u>B1 LH</u>		P			
EX8-1861 → <u>B1 LH</u>		P			
EX8-1862 → <u>B1 LH</u>		P			
EX8-1863 → <u>B1 LH</u>		P			
EX8-1864 → <u>B1 LH</u>		P			
EX8-1865 → <u>B1 LH</u>		P			
EX8-1866 → <u>B1 LH</u>		P			
EX8-1867 → <u>B1 LH</u>		P			
EX8-1868 → <u>B1 LH</u>		P			
EX8-1869 → <u>B1 LH</u>		P			
EX8-1870 → <u>B1 LH</u>		P			
EX8-1871 → <u>B1 LH</u>		P			
EX8-1872 → <u>B1 LH</u>		P			
EX8-1873 → <u>B1 LH</u>		P			
EX8-1874 → <u>B1 LH</u>		P			
EX8-1875 → <u>B1 LH</u>		P			
EX8-1876 → <u>B1 LH</u>		P			
EX8-1877 → <u>B1 LH</u>		P			
EX8-1878 → <u>B1 LH</u>		P			
EX8-1879 → <u>B1 LH</u>		P			
EX8-1880 → <u>B1 LH</u>		P			
EX8-1881 → <u>B1 LH</u>		P			
EX8-1882 → <u>B1 LH</u>		P			
EX8-1883 → <u>B1 LH</u>		P			
EX8-1884 → <u>B1 LH</u>		P			
EX8-1885 →					

K2393B (7-58)

**WORK SHEET**

SUB WINTER OLYMPIC GAMES S 10 ORD. NO. 534705  
ADDR 33 MARKET D 20 RO \_\_\_\_\_

EXCHANGE ALPHA  
SEE MR RUSSELL

TNL. NO. OL2-1234  
SYSTEM # 100 SHEET # 1 OF 2  
DATE 8-19-58

LINE ↓	USER STA →	SECTY PERMANS	SECTY RUSSELL	SECTY BROWN	JONES	SECTY PARKS	THOMAS	JORDAN	TAYLOR	WILSON	MILLER	WILLIAMS	IMPULSE	MONTY	JAMES	SECTY DEC	OTHER TERMINATIONS ↓	COM'L EQ THIS SHEET ↓	
LOC 1	(LBL LH)	P P																	
2	(LBL LH)	P P															20 H		
3	(LBL LH)	CB	P P														82 P		
4	(LBL LH)		P P														30 S		
5	(LBL LH)	CB	P B P	P													20 V		
6	(LBL LH)		P P B P														17 Z		
7	(LBL LH)		P B P P														8 DS Z		
8	(LBL LH)		P B P P														DS B		
9	(LBL LH)		P B P P	P	P												22 LH		
27	(LBL LH)		B P P														3 COML		
28	(LBL LH)																1 DS BL		
29	(LBL LH)																2 BL CU		
OL2-7755	(LBL LH)																22 LBL CU		
10	(LBL LH)																1 LBL CEQ		
11	(LBL LH)																1 DS CEQ		
12	(LBL LH)																10L KU		
13	(LBL LH)																ADDL		
34	(LBL LH)																		
35	(LBL LH)																		
36	(LBL LH)																		
38	(LBL LH)																		
LBL LH																			
LBL LH																			
LBL LH																			
LBL LH																			
LBL LH																			
LBL LH																			
LBL LH																			
DS COML #1	(LBL LH)	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	SH 2		
COML #2	(LBL LH)	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P			
COML #3	(LBL LH)	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P	P	P P P P P P			
LBL LH																			
HOLD - VISUAL →	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	H V	H V	H V	H V
NEW - CHANGE →	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C
OTHER STA EQUIPMENT →																			
AUDIBLE SIG →	z	②	①	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	z	②	③	④
S I G N A L I N G	B	D	C	F	E	F	J	K	H	H	K	O	N	R	R	P	U	T	
WRITE IN STATIONS SIGNALLED →				G	G														
OTHER SIG ARRANGEMENTS →	Z <sup>2</sup>	Z <sup>3</sup>	Z <sup>4</sup>	Z <sup>5</sup>	Z <sup>6</sup>	Z <sup>7</sup>	Z <sup>8</sup>	Z <sup>9</sup>	Z <sup>10</sup>	Z <sup>11</sup>	Z <sup>12</sup>	Z <sup>13</sup>	Z <sup>14</sup>	Z <sup>15</sup>	Z <sup>16</sup>	Z <sup>17</sup>	Z <sup>18</sup>	Z <sup>19</sup>	
DESCRIPTION OF CHANGE OF STA →	(QR)	(BB)	(RV)	(PM)	(CR)	(PA)	(FB)	(VB)											
REMARKS →	NEW INSTALLATION																		
PLANT COM EQ	PLANT EQUIPMENT CODES																		
INSTLR.																			
COMPL DATE																			

If new installation, write in remarks.

Circle Visual (V) for stations equipped.

Write in and circle other line features, e.g. LL, BL.

Circle Line Busy Lamps (LBL) for lines equipped.

Circle Line Holds (LH) for lines equipped.

If PBX, number each system.

Total features on this page only.

Write next highest sheet number on which line appears.

IF CUSTOMER REQUEST CHANGE CONTACT

Circle Hold (H) for stations equipped.

NEWMAN  
MR.  
OL2-9000  
TEL.  
2442  
EXT.

Fig. 2 - K2393B (Sheet 1)  
(Typical Commercial Entries)

K22000 17-985

WINTER OLYMPIC GAMES				S 10	D 20	ORD. NO. 534705	WORK SHEET												EXCHANGE ALPHA SEE RUSSELL				TEL. NO. OL 2-1234 SYSTEM # 100 DATE 8-1 19 58				SHEET # 2 OF 2			
LINE ↓	USER STA	→ SECTY FRANKS SMITH STENO STENO	→ SECTY PAUL REEVE ACCT ACCT	→ SECTY LANG ASTOR CHAD																									OTHER TERMINATIONS ↓	COM'L EQ THIS SHEET ↓
		→ V 311 W 315 X 315 Y 316 Z 316 AA 317 BB 318 CC 319 DD 321 EE 321 FF 322 GG 322 HH 323 JJ 323																												
LOC 14	LBL LH	P P																												
OL 2-8699	LBL LH	P P																												
15	LBL LH	P P																												
OL 2-9999	LBL LH	CB B P																												
16	LBL LH	P B P																												
19	LBL LH	B P P																												
20	LBL LH	P B P																												
24	LBL LH	B P P																												
25	LBL LH	P B P P																												
26	LBL LH	P P B P																												
39	LBL LH	B P																												
OL 2-8791	LBL LH	P B P																												
30	LBL LH	P P P P																												
31	LBL LH	P P P P																												
32	LBL LH	P P P P																												
33	LBL LH	P P P P																												
→ 28	LBL LH	P P CB																												
→ 29	LBL LH	P P																												
LBL LH																														
LBL LH																														
LBL LH																														
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LBL LH																														
LBL LH																														
LBL LH																														
LBL LH																														
LBL LH																														
LBL LH																														
DS COML #1	LBL LH (B1)	P P																												
COML #3	LBL LH (B1)	P P																												
COML #4	LBL LH (B1)																													
LBL LH																														
LBL LH																														
HOLD - VISUAL →	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	(H)V	H V	H V	H V	H V	H V	H V	H V	H V	H V	H V					
NEW - CHANGE →	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C	N C					
OTHER STA EQUIPMENT →																														
AUDIBLE SIG →	Z	(Z)	(Z)	Z	Z	(Z)	(Z)	(Z)	Z	Z	(Z)	(Z)	(Z)	(Z)	(Z)	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z					
SIGNALING	W				BB	AA	AA				GG	FF	FF	FF																
WRITE IN STATIONS SIGNALLED →	X				CC	N	N				HH																			
OTHER SIG ARRANGEMENTS →	Z <sup>2</sup> (AM)										JJ																			
DESCRIPTION OF CHANGE OF STA →																														
REMARKS NEW INSTALLATION																														
PLANT COM EQ																														
PLANT EQUIPMENT CODES																														
INSTLR.																														
COMPL DATE																														

Total for this sheet only.  
Coml #1 & 3 and line features for locals 28 & 29 are totaled on Sheet 1.  
(Indicated by arrow)

IF CUSTOMER REQUEST  
CHANGE CONTACT  
MR.  
OL 2-9000  
TEL.  
2442  
EXT.

NEWMAN  
MR.  
OL 2-9000  
TEL.  
2442  
EXT.

Fig. 3 - K2393B (Sheet 2)  
(Typical Commercial Entries).

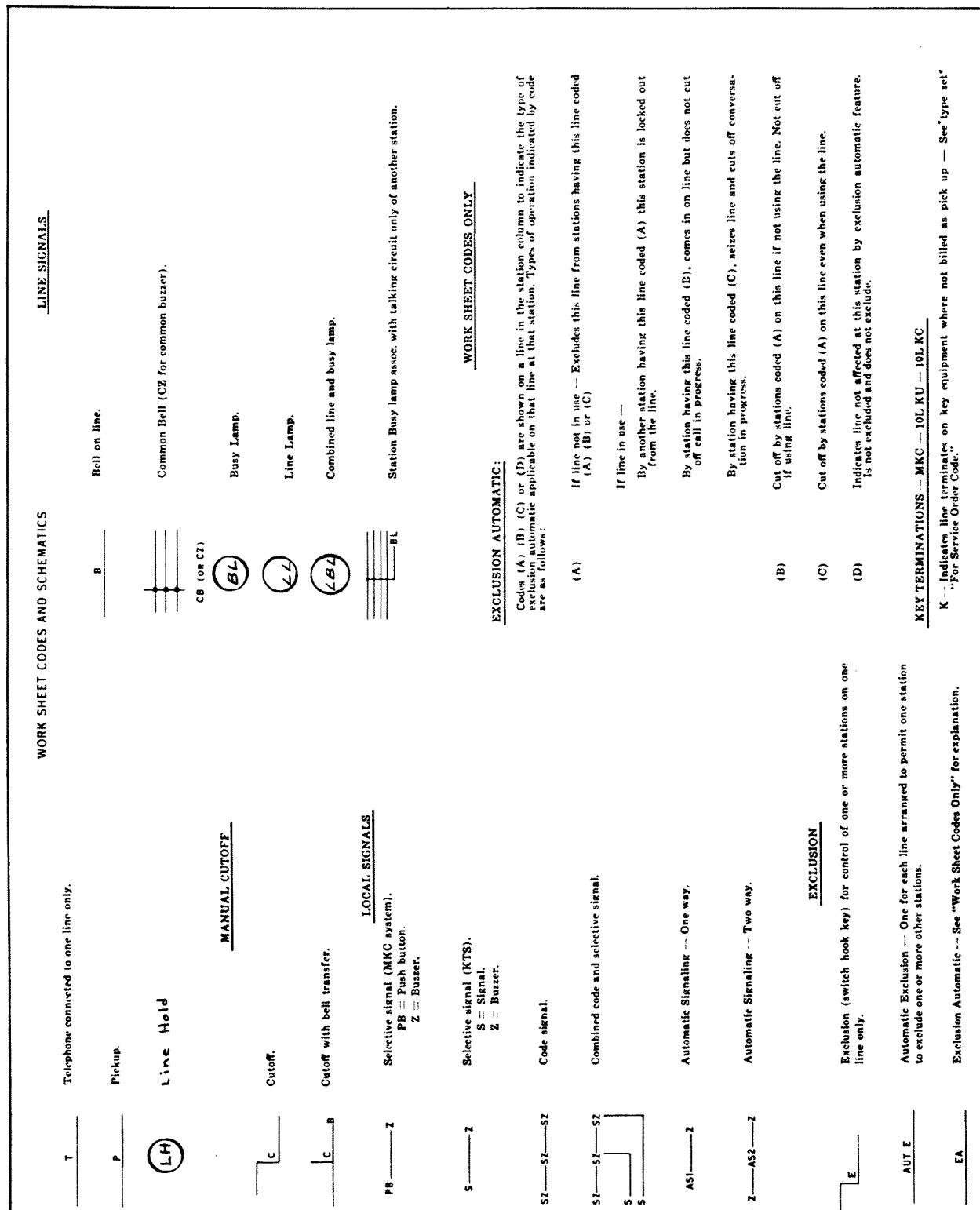


Fig. 4

SECTION C16.990  
SECTION F26.912  
SECTION M25.77

SUB		HALL HARDWARE		S 22	ON 249173	EXCHANGE ALPHA		TEL. NO. TA 7-1855							
ADDR.		/P BEALE		D 29	R/O	SEE	MEMS JONES	SYSTEM #							
LINE	USER	USER →	MEMS →	MIL GREEN	BROWN	MIL WHITE	MIL BLACK	DATE 9-0 1958							
↓	STA	→ A	B	C	D	E	F	G	H	J	K	L	M	COML EQ	
TA7-1855	LBL LH	↔ K	K	K	K	K	K	P						H	
TA7-1866	LBL LH	↔ K	K	K	K	K	K	P						3 P	
TA7-1877	LBL LH	↔ K	K	K	K	K	K	P						S	
CA CKT	LBL LH	↔ C2												V	
CA CKT	LBL LH													Z	
LBL LH	LBL LH													DSZ	
LBL LH	LBL LH													DSB	
LBL LH	LBL LH													LH	
LBL LH	LBL LH													COML	
LBL LH	LBL LH													DS BL	
HOLD - VISUAL	→ H	V	H	V	H	V	H	V	H	V	H	V	H	BL CU	
NEW - CHANGE	→ (N)	C	(N)	C	(N)	C	(N)	C	(N)	C	N	C	N	CU	
OTHER STA	→ 2 H-X-A/TD													LBL CRQ	
EQUIPMENT	→ 2 POS													DS CEQ	
AUDIBLE SIG	Z	Z	(Z)	Z	Z	(Z)	Z	Z	Z	Z	Z	Z	Z	3-1M8L MKC	
SIG OR PB TO	B C D	A C D	A B D	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C	A B C	2-EXL MKC	
STAS CIRCLED	→ E F G	E F G	② F G	E F G	D F G	D E G	D E F	D E F	D E F	D E F	D E F	D E F	D E F	12 MKCL	
A	→ H J K	H J K	H J K	H J K	H J K	H J K	H J K	G H K	G H K	G H J	G H J	G H J	G H J	MKC CA CKT	
L	OTHER SIG							L M	L M	L M	L M	L M	L M	2 POS	
I N N G	ARRANGEMENTS														
DESCRIPTION OF CHANGE OF STA															
REMARKS															
/00 MKC SYSTEM		/-304G3		/-304G3		/-304G3		/-304G3		/-304G3		/-304G3		/-304G3	
/ APP CAB ED 91472-01, G3, 4PLATE		/2-4C		/K-B6X		/K-B6X		/K-B6X		/K-B6X		/K-B6X		/K-B6X	
/ POWER UNIT TA8673/A,4		/K-B6X		/K-B6X		/K-B6X		/K-B6X		/K-B6X		/K-B6X		/K-B6X	
/ TEL-C 551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A	
/ TEL-C 551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A		/2-551A	
/ PLANT COM EQ															

T. KUREM  
INSTLR.  
9-29-58  
COMPL. DATE

MR. ROSELL  
TEL. TA7-9000  
EXT. 2659

PLANT EQUIPMENT CODES

Fig. 5

KEY TELEPHONE WORK SHEET										TEL. NO. <u>TA 7-1810</u>			
SUB <u>BRI/IM HAT CO</u>	<u>S 10-2</u>	<u>O/N 8/23/47</u>	<u>EXCHANGE ALPHA</u>	SYSTEM #									
ADDR <u>/51 STETSON WY</u>	<u>D 10-9</u>	<u>RO</u>	SEE <u>MR BROWN</u>	DATE <u>9-25</u>						<u>19-58</u>			
LINE	USER →	SECTY	MGR	SUPER	F	G	H	J	K	L	M	COMM EQ	
↓	STA →	A 23	B 24	C 16	D	E	F	G	H	J	K	L	M
<u>TA 7-1810</u>	<u>1BL LH</u>	<u>P</u>	<u>P</u>	<u>P</u>									<u>3 H</u>
<u>TA 7-1811</u>	<u>1BL CH</u>	<u>P</u>	<u>P</u>	<u>P</u>									<u>14 P</u>
<u>TA 7-1812</u>	<u>1BL LH</u>	<u>P</u>	<u>P</u>	<u>P</u>									<u>6 S</u>
<u>1BL LH</u>	<u>CZ</u>			<u>CZ</u>									<u>3 V</u>
<u>COML</u>	<u>1BL LH (BL)</u>	<u>P</u>	<u>P</u>	<u>P</u>									<u>3 Z</u>
<u>1BL LH</u>	<u>*NL</u>												DS
<u>1BL LH</u>	<u>LISTEN</u>												DSB
<u>1BL LH</u>	<u>ARR</u>												<u>3 LH</u>
<u>1BL LH</u>	<u>PCP</u>												<u>1 COML</u>
<u>1BL LH</u>													DS BL
<u>HOLD - VISUAL</u>	→ <u>(H) V</u>	<u>(H) V</u>	<u>(H) V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>H V</u>	<u>1 BL CU</u>
<u>NEW - CHANGE</u>	→ <u>(N) C</u>	<u>(N) C</u>	<u>(N) C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>N C</u>	<u>3 LBL CU</u>
<u>OTHER STA</u>	→ <u>BLD</u>												<u>1 LBL CEQ</u>
EQUIPMENT	<u>KEY SEP</u>	<u>⑦</u>	<u>⑦</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>Z</u>	<u>' BK D'</u>
AUDIBLE SIG	<u>①</u>	<u>②</u>	<u>③</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>A B C</u>	<u>' C</u>
SIG OR PB TO	<u>④ C D</u>	<u>⑤ C D</u>	<u>⑥ C D</u>	<u>E F G</u>	<u>D E G</u>	<u>D E G</u>	<u>D E F</u>	<u>D E F</u>	<u>D E F</u>	<u>D E F</u>	<u>D E F</u>	<u>D E F</u>	<u>/ BL CU COML</u>
STAS CIRCLED	→ <u>H J K</u>	<u>H J K</u>	<u>H J K</u>	<u>H I K</u>	<u>H I K</u>	<u>H I K</u>	<u>G J K</u>	<u>G J K</u>	<u>G J K</u>	<u>G H J</u>	<u>G H J</u>	<u>G H J</u>	
ARRANGEMENTS	→ <u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>L M</u>	<u>K M</u>	<u>K M</u>	<u>K M</u>	
DESCRIPTION OF CHANGE OF STA	→												
REMARKS *	ASSOC	W/ TEL CIRCUIT OF STA C											
1-A KEY TEL SYSTEM	1-4646C3	1-4646C3	1-4646C3	12-4C	12-4C	12-4C	12-4C	12-4C	12-4C	12-4C	12-4C	12-4C	
1-UNIT TEL 50B-27	12-4C	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	12-7A	
1-Power unit 786731A, L4	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	2K-551A	
1-6A KTU	IK-6017B												
	BL-1523												
PLANT COM EQ													PLANT EQUIPMENT CODES
													<u>I. T. STUTTER</u>
													INSTRL.
													10-9-54
													COMPL. DATE
													MR. BAND
													TEL TA 7-9000
													EXT. 1001

Fig. 6

SECTION C16.990  
SECTION F26.912  
SECTION M25.77

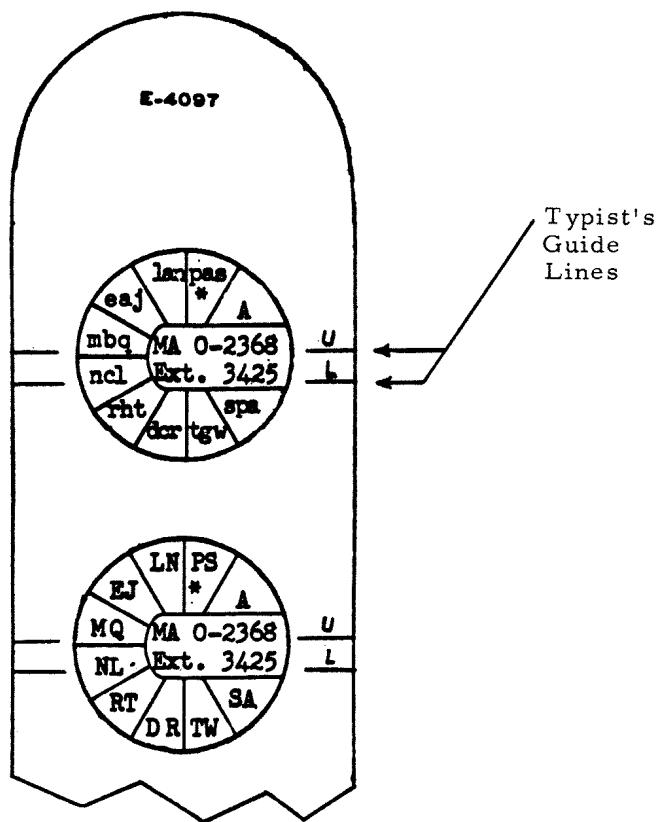


Fig. 7

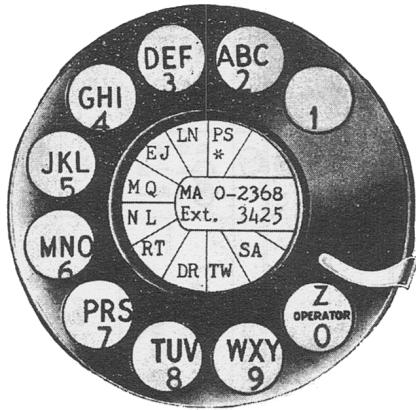


Fig. 8