#15

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<td>Universal Set Wiring</td>
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<td>Attended TXL SL and SLX Schematic</td>
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<td>Mounting Details and Assemblies for Universal Set Tables</td>
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Additional Drawings included:

- Electrical Service Unit 117852 WD 2504-C
- No. 15 Wiring of Power and Loop Panel with a customer provided table P96.022 2
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<th>DESIRED FEATURES</th>
<th>#15 TTY</th>
<th>#19 TTY</th>
<th>#28 TTY</th>
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<th>STRIP TTY</th>
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**NOTES**

1. ALL TTY MACHINES IN UNIVERSAL PLAN FURNISHED WITH "C" TYPE ARRANGEMENT ONLY. OTHER ARRANGEMENT MUST BE ORDERED ON "P" CODING PLAN.
2. SERVICES NOT FURNISHED BY THIS PLAN MUST BE ORDERED ON "F" CODING PLAN.
3. a. GYH GREEN FINISHED ASSEMBLIES ONLY ARE STOCKED FOR IMMEDIATE DELIVERY.
   b. BROWN FINISH MAY BE OBTAINED BY SUPER (BROW) TO BASIC TELEPHONE SET ORDER.

**ORDERING EXAMPLE**

SERVICE REQUIRED: #28 AC FRICTION FEED TELEPHONE BATTERY STATION SWITCH MOTOR CONTROL WITH OFFSET CONTROLLER

<table>
<thead>
<tr>
<th>ORDER QUAN.</th>
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| STRIP TTY  #28 | C-6512-0-5 (NOTE 3)
| STRIP TTY  #28 | C-6512-0-51
| RECTIFIER   | C-1908-0-29
| ACCESSORY   | C-1729-0-19

**ORDERING INFORMATION FOR UNIVERSAL CODING PLAN FOR #15, #19 & #28 TTY. TOP SERVICE**

**DATE: 7/8/57**

**APPROVED**

**ILOILS BELL TELEPHONE COMPANY**
C-6511 UNIVERSAL 15 TTY

APPARATUS:
THE FOLLOWING APPARATUS IS REPRESENTED ON THIS SCHEMATIC.

<table>
<thead>
<tr>
<th>QUAN</th>
<th>DESCRIPTION</th>
<th>GRP#</th>
<th>WPG DIAGRAM</th>
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<tr>
<td>1</td>
<td>BASIC 15 TTY</td>
<td>10R2</td>
<td>C-6511-1/Fig.1R2</td>
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<tr>
<td>1</td>
<td>UNATTENDED SUBSET</td>
<td>9</td>
<td>C-6511-1/Fig.1A</td>
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<tr>
<td>1</td>
<td>UNATTENDED SUBSET APPLIQUE</td>
<td>10</td>
<td>C-6511-1/Fig.1A</td>
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<tr>
<td>1</td>
<td>CROSS CONNECTING STRIP</td>
<td>13</td>
<td>C-6511-1/Fig.4</td>
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</table>

NOTES:
1. BRIDGE 2000Ω RES. (FURNISHED ON TERM. 32) ACROSS BREAK
   SWITCH WHEN TTY IS SERVED BY A LINE CONCENTRATOR;
   DO NOT CONNECT SIG. GRD.
2. TERMINATE RED LEAD AS REQUIRED. STRAP TERMINALS 18 & 2
   OR 38A-06-388 SET.
3. UNATTENDED SUBSET.

MOUNT THE APPLIQUE (GRP10) ON THE RS APPARATUS BOX BASE
(GRP 9) REMOVE AND DISCARD THREE BLUE STRAPS FROM
THE TERMINAL STRIP OF GRP 9 AS FOLLOWS: (TERMINALS)
3A TO 6A, 5A TO 3A, 7A TO 3A. AT TERM. 2A; DISCONNECT 
AND CONNECT BLUE LEAD AND CONNECT RED LEAD. CONNECT THE FIVE LEADS
FROM TERM. STRIP OF GRP 10 TO THE TERMINAL STRIP OF GRP9
AS FOLLOWS:
COLOR | GRP10 TERM. | GRP 9 TERM.
-------|-------------|-------------|
GRD    | 3B           | 3A          |
GRD    | 3A           | 3B          |
GRD    | 4A           | 4A          |
GRD    | 4A           | 4A          |
4. MOUNT THE UNATTENDED SUB-SET (GRPS. 9 & 10) ON THE
   INSIDE RIGHT PANEL OF THE WR STRIP BOARD USING
   MOUNTING HOLES AND DETAILS PROVIDED ON TABLE.
5. MOUNT WAVE SHAPER ON WALL.

C-6513, FIG. 4

C-6513, FIGS. 1B, 1A

(SEE NOTE 1)
SER. GRD

NOTE 2: S9A-DG SUBSET

NOTE 3: SL, SLX

LINE SHUNT RELAY

SELECTOR MAGNETS

POWER SWITCH

ELECT SERV.

BASE FUSE

110 V.A.C.

SUPPLY

ILLOIS BELL TELEPHONE COMPANY

ENGINEERING DEPARTMENT

CCT. No: C-6511-05

FILE NO: B-3150
NOTES:
1. CONTACTS HELD OPERATED WHEN MACHINE IS OFF, BY MECHANICAL LOCK.
2. MOUNT GROUP S2 OR S3 UNIT ON THE INSIDE RIGHT PANEL OF 4ft 200" TABLE USING MOUNTING DETAILS PROVIDED.
3. INSTALL IN HOLE PROVIDED IN FRONT RIGHT LEG OF 4ft 200" TABLE.
4. CUT STRAPS (2) WHEN COMM. POWER IS D.C.
5. STRAP TO OBTAIN REG'D, LINE CURRENT.
6. STOPS ON FIGS BLANK.

APPARATUS:
THE FOLLOWING APPARATUS IS REPRESENTED ON THIS SCHEMATIC:
QUAN. DESCRIPTION GRP. NO. WGR DWG.
1 BASIC #15 TTY 70 A C-6511-11, FIG 1 & 2
1 SUBSET MOTOR CONTROL 165-768-B C-6522-11, FIG 248-3
1 RECTIFIER KS-3643-17 29 C-6513-11, FIG 6
1 EXT. CARD 31 C-6513-11, FIG 8

TWPS SYSTEM
UNIVERSAL NO. 15 TTY
BATTERY, LOOP OR GROUND STATION PL WITH ELECTRICAL MOTOR CONTROL

ILLINOIS BELL TELEPHONE COMPANY
ENGINEERING DEPARTMENT
CCT. NO. C-6511-010
FILE NO. B-3172
C-6511 UNIVERSAL 15 TTY

TWP SYSTEM
UNIVERSAL 15 TTY PL
LOOP OR GROUND STATION SWITCH CONTROL

Schematic

ILLINOIS BELL TELEPHONE COMPANY
CCT. No. C-6511-012
ENGINEERING DEPARTMENT
FILE No. B-3176

NOTES:
1. CUT STRAP WHEN COMM. POWER IS D.C.
2. TERMINATE AS REQUIRED.
3. INSTALL TO ELIMINATE FALSE CHARACTERS WHEN STARTING

APPARATUS:
THE FOLLOWING APPARATUS IS REPRESENTED ON THIS SCHEMATIC:

QUAN.
1

DESCRIPTION
BASIC 15 TTY

GRAP. No.
1, 2, 3 or 4

WIR. DIAGRAM
C-6511-11, FIG. 1 & 2

1 CROSS-CONNECTING STRAP
13 C-6511-11, FIG. 14
NOTES

WIRE COLOR CODE AND SYMBOLS. MAY BE SOLID COLOR OR TRACERS IN WHITE WIRE.

1
Y  YELLOW
R  RED
G  GREEN
BK  BLACK

ASSOCIATED CABLE.

11776 ELETRICAL SERVICE UNIT CABLE. CONNECTORS SHOWN FROM SLOT SIDE.

TO GROUND ELECTRICAL SERVICE UNIT TO TABLE FRAME, IMMEDIATELY PRIOR TO INSTALLATION OF UNIT TO TABLE, REMOVE PAINT FINISH FROM THE OUTSIDE (REAR) SURFACE OF THE TABLE AROUND ONE OF THE MOUNTING HOLES OVER A SUFFICIENT AREA TO INSURE GOOD METALLIC CONTACT BETWEEN TABLE AND NUMBER 2846 WASHER SUPPLIED WITH SERVICE UNIT.

TO GROUND 4 WIRE RECEPTACLE TO ELECTRICAL SERVICE UNIT REMOVE PAINT FINISH AROUND 10-32 TAPPED HOLE PROVIDED ON PLATFORM FOR APPROXIMATELY 7/16 IN DIAMETER

REVISIONS:

A  4-28-48  44399
B  9-22-48  45509
C  11-23-48  45997

ORIGINAL DRAWING MODIFIED TO CONSERVE SPACE - DRH 7/12