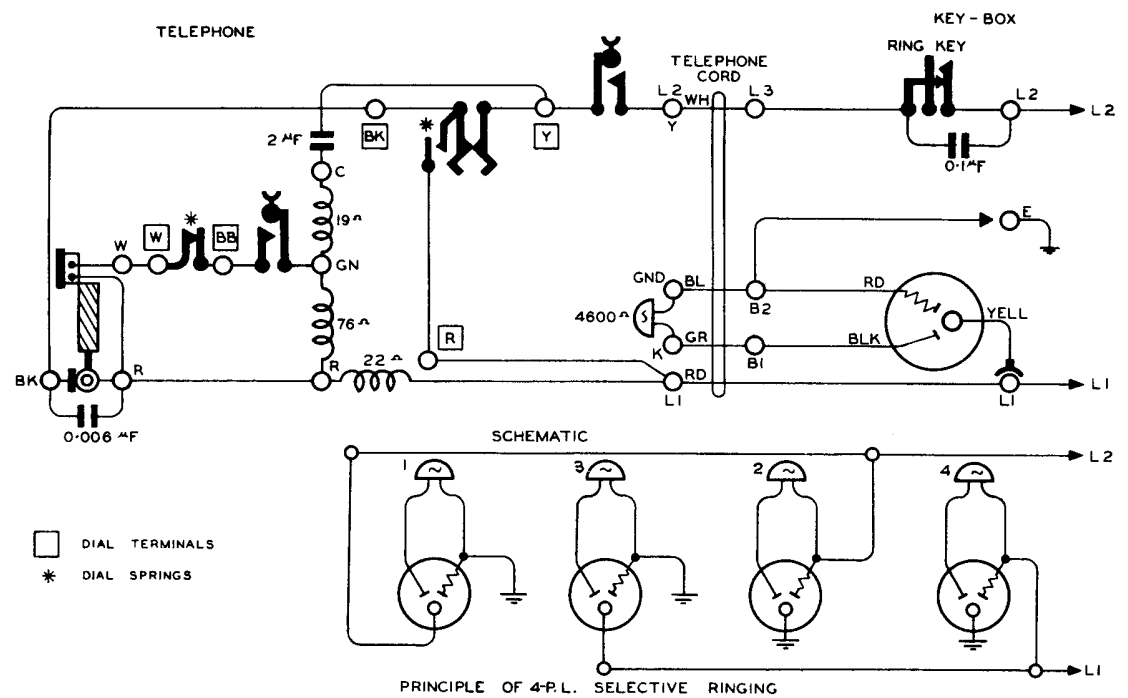


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ENGINEERING NOTES
 DISTRIBUTION: FLO S W2 XY (AK, CH)
 [FOR OFFICIAL USE]
 N.Z. POST OFFICE



AUTOMATIC TELEPHONE, 4-PARTY LINE (TABLE)

W.E.N^o 302 B MODIFIED
WITH KEY-BOX H1145

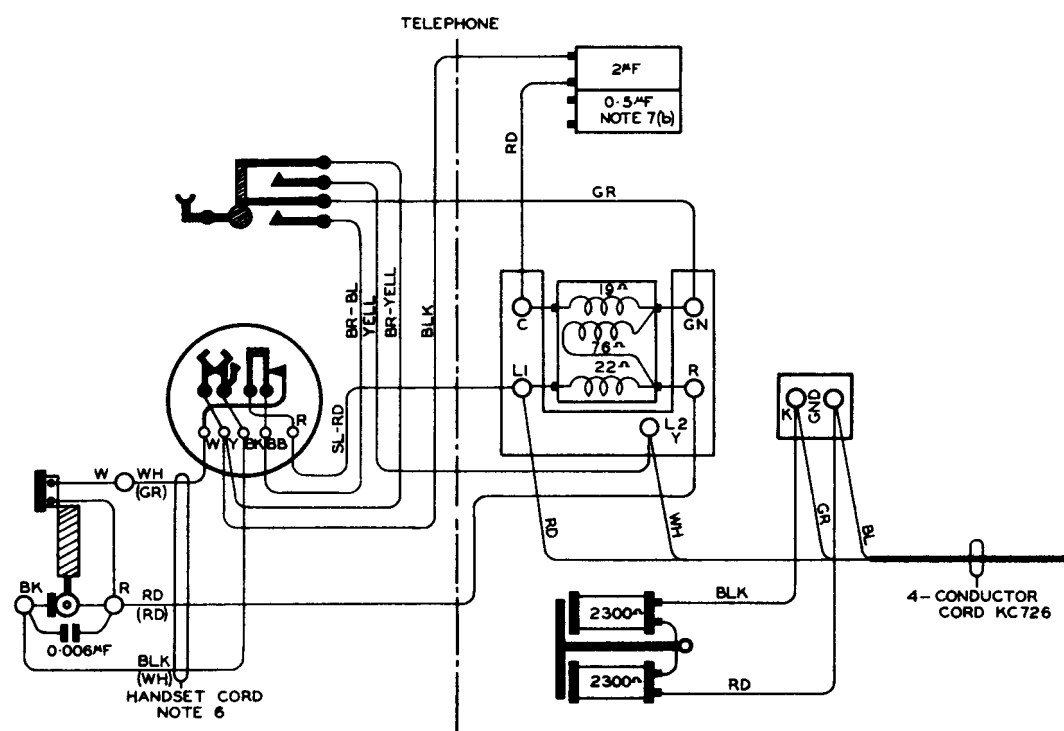
S.L.N^o H1140, H1145

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STATIONS
C1210

SCHEMATIC

13.4.50



AUTOMATIC TELEPHONE, 4-PARTY LINE (TABLE)

W.E.N^o 302 B MODIFIED
WITH KEY-BOX H1145

S.L.N^o H1140, H1145

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WIRING

TELEPHONES
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C1210

N.Z. POST OFFICE
 ENGINEERING NOTES

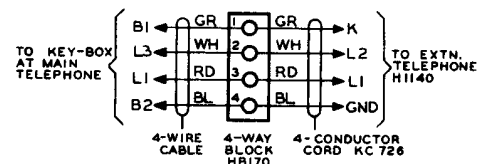
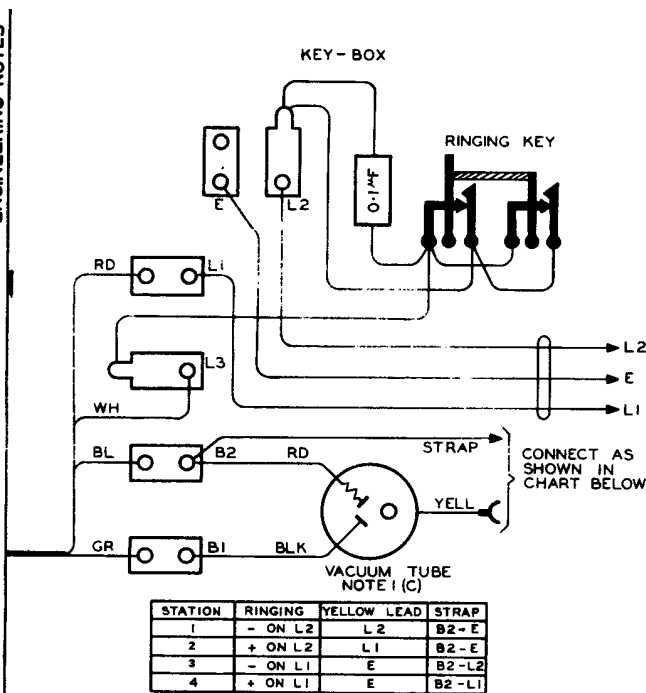


FIG. 1 WIRING OF EXTN. TELEPHONE (RINGING) TO MAIN. NOTE 4

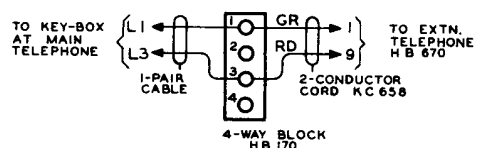


FIG. 2 WIRING OF EXTN. TELEPHONE (NON-RINGING) TO MAIN. NOTE 5

AUTOMATIC TELEPHONE, 4-PARTY LINE (TABLE)

W.E. No 302 B MODIFIED
WITH KEY-BOX H1145

S.L.Nos H1140, H1145

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WIRING

1. MATERIAL REQUIRED:

- (a) Telephone H 1140.
- (b) Key-box H 1145.
- (c) Tube H 1148.

2. KEY-BOX CONNEXIONS: Connect 4-conductor cord and tube as shown.

3. BELL MAGNET POLARITY: When bell magnet incorrectly polarized, reverse BLK and RD bell wires at telephone terminals K and GND.

4. EXTENSION TELEPHONE (RINGING): Use telephone H 1140 and a 4-way block HB 170. Wire as shown in Fig. 1.

5. EXTENSION TELEPHONE (NON-RINGING): Use telephone HB 670, remove strap between telephone terminals 1 and 2 and wire as shown in Fig. 2.

6. HANDSET CORD: When replacement handset cord required, use cord KC 676. Remove binding at long strain cord end and rebind so that conductor tails are 6 in. long. Connect colours as shown in brackets.

7. CONVERSION OF TELEPHONE H 1100 TO TELEPHONE H 1140:

- (a) Replace 2-conductor cord and external 4-way block with a 4-conductor cord KC 726. Connect end of cord with strain cord to telephone as shown.
- (b) Remove from terminals L2 and K the YELL and SL conductors from the 0.5μF condenser and fold these back under the condenser clamp.
- (c) Transfer the RD conductor from terminal L1 to GND.
- (d) Transfer the BLK condenser wire from dial terminal BK to dial terminal Y.
- (e) Paint '4-P.L.' in one inch characters on base of telephone.

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NOTES

AUTOMATIC TELEPHONE, 4-PARTY LINE (TABLE)

W.E. No. 302B MODIFIED

WITH KEY-BOX H 1145 S.L.Nos. H 1140, H 1145