

H.E.S. No. 3. ALTERNATIVE RINGING ARRANGEMENTS.

FIG. 1. RELAY UNIT Q 405 AT END OF MULTIPLE.

FIG. 2. RELAY UNIT Q 405 AT BEGINNING OF MULTIPLE.

FIG. 3. RELAY UNIT Q 410 AT END OF MULTIPLE.

NOTES:-

1. This arrangement shall be used where the subscriber requires more than two bells to be rung from a U.A.X. with vibrator ringing.

2. Connect Capacitor, Paper No. 7712-2 mounted in a Clip No. 90 between terminals 32 and T16 at First station, or 32 and T4 at penultimate station, (Figs. 1, 2 & 3).

3. Strap between terminals T16 and T17 is removed only when the facility of cutting off the bell is not required. A maximum of FOUR bells may be rung from the Converter, Ringing No. 7.

4. W/B-G wire to previous station to be moved from terminal 17 to 21, strap terminals 5 & 17. Connect spare W/BN wire from Relay Unit Q 405 to terminal 21.

5. Remove strap between terminals T16 and T17.

6. Provide Converter, Ringing No. 7, mounted inside Power Unit No. 51A, (Dgms. N 636 and N 654 refer). Connect R and RR terminals of Converter, Ringing No. 7 to terminals 22 and 23 of Relay Unit Q 405 using Cable 6W, bunched pairs for Battery and Earth.

7. Connect spare W/BN wire from First/Last station to terminal 16, strap terminals 20 to 22 and 23 to 28, in Relay Unit Q 405. (Figs. 1 and 2).

8. Shift W/B wire to Relay Unit Q 405 from terminal 17 to 21 and connect spare W/BN wire to terminal 17. Connect spare W/B-BN wire to station 2, to terminal 21.

9. Shift W/B-G wire to Last station from terminal 18 to 21. Connect spare W/B-BN wire from previous station to terminal 21.

10. At other stations connect spare W/B-BN wires to terminal 21.

11. Shift W/B-G wire to previous station from terminal 17 to 21. Connect spare W/B-BN wire from Relay Unit Q 410 to terminal 21.

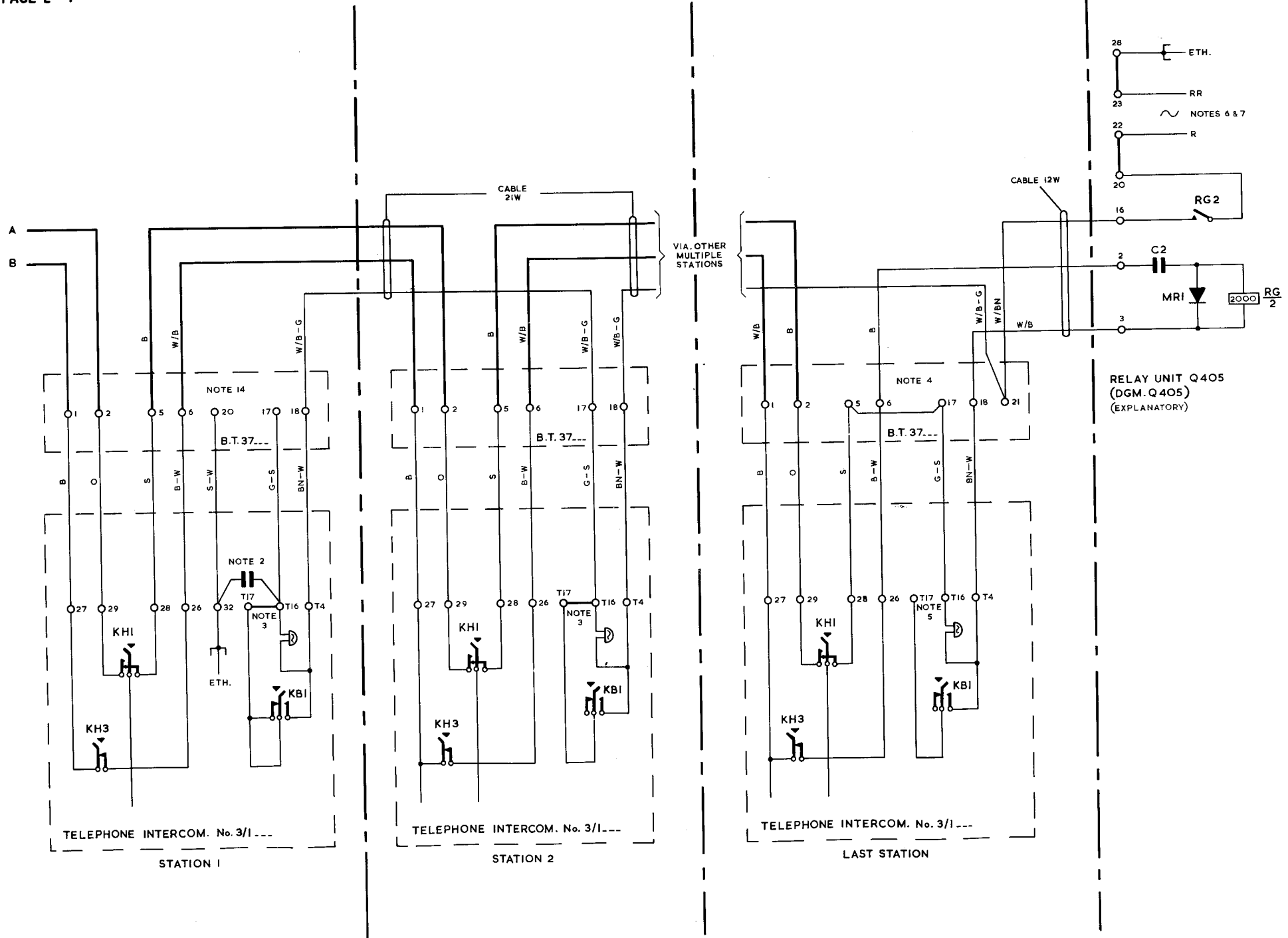
12. Connect spare W/B-BN wire from Last multiple station to terminal 16, strap terminals 20 to 22 and 23 to 28.

13. Relay Unit Q 410 is issued with an RG Relay No. 15069, which has insufficient contacts to provide alternative ringing arrangements. The RG relay should be replaced by a Relay No. 9871 wired in a similar manner. Additional springs 3 and 4 should be wired to terminals 20 and 16 respectively.

14. Remove strap between terminals 2 and 17 (B.T. No. 37...).

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FIG. 1 RELAY UNIT Q405 AT END OF MULTIPLE



RELAY UNIT Q405
(DGM. Q405)
(EXPLANATORY)

FIG. 2. RELAY UNIT Q405 AT BEGINNING OF MULTIPLE

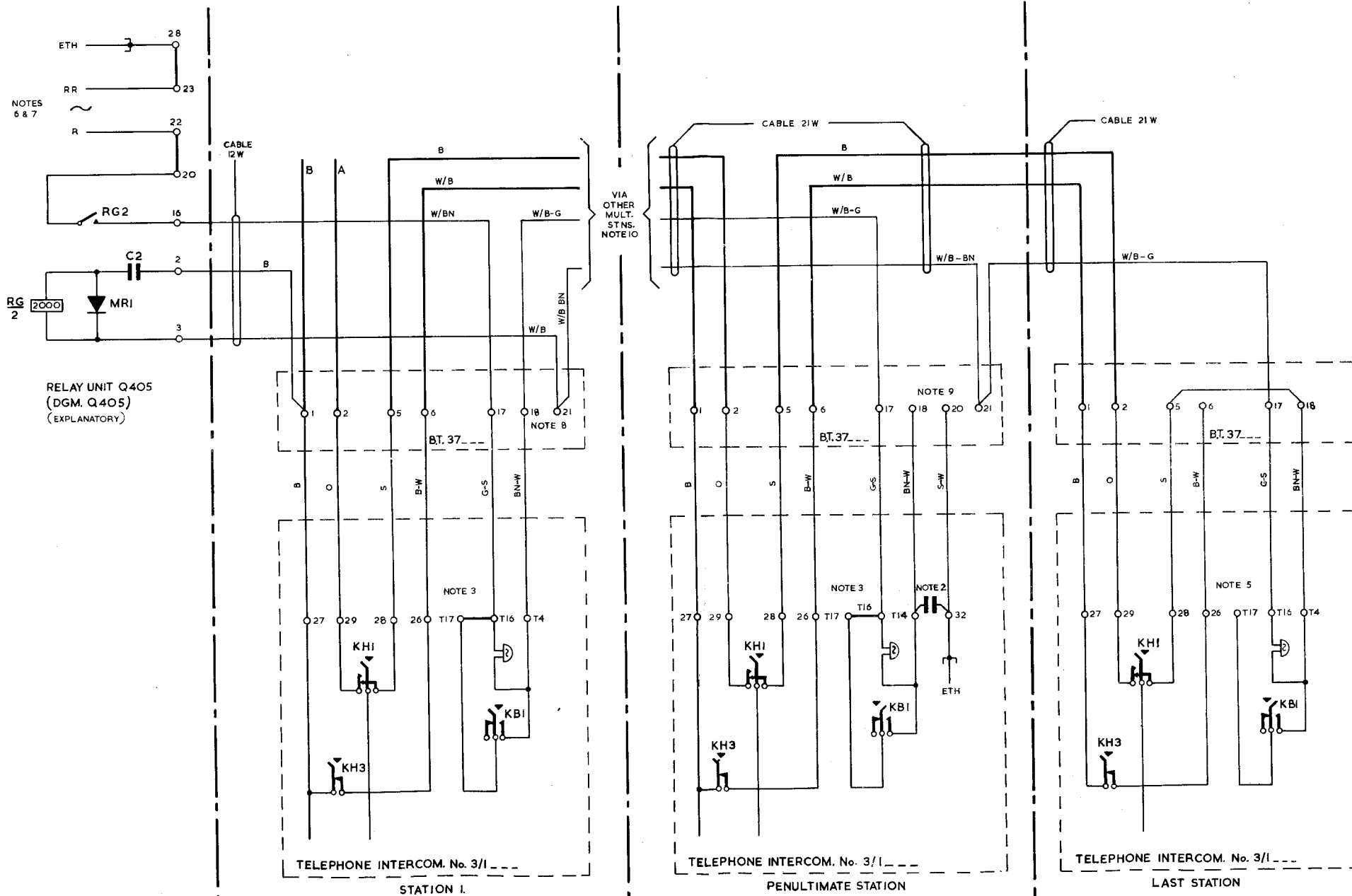


FIG. 3. RELAY UNIT Q410 AT END OF MULTIPLE.

