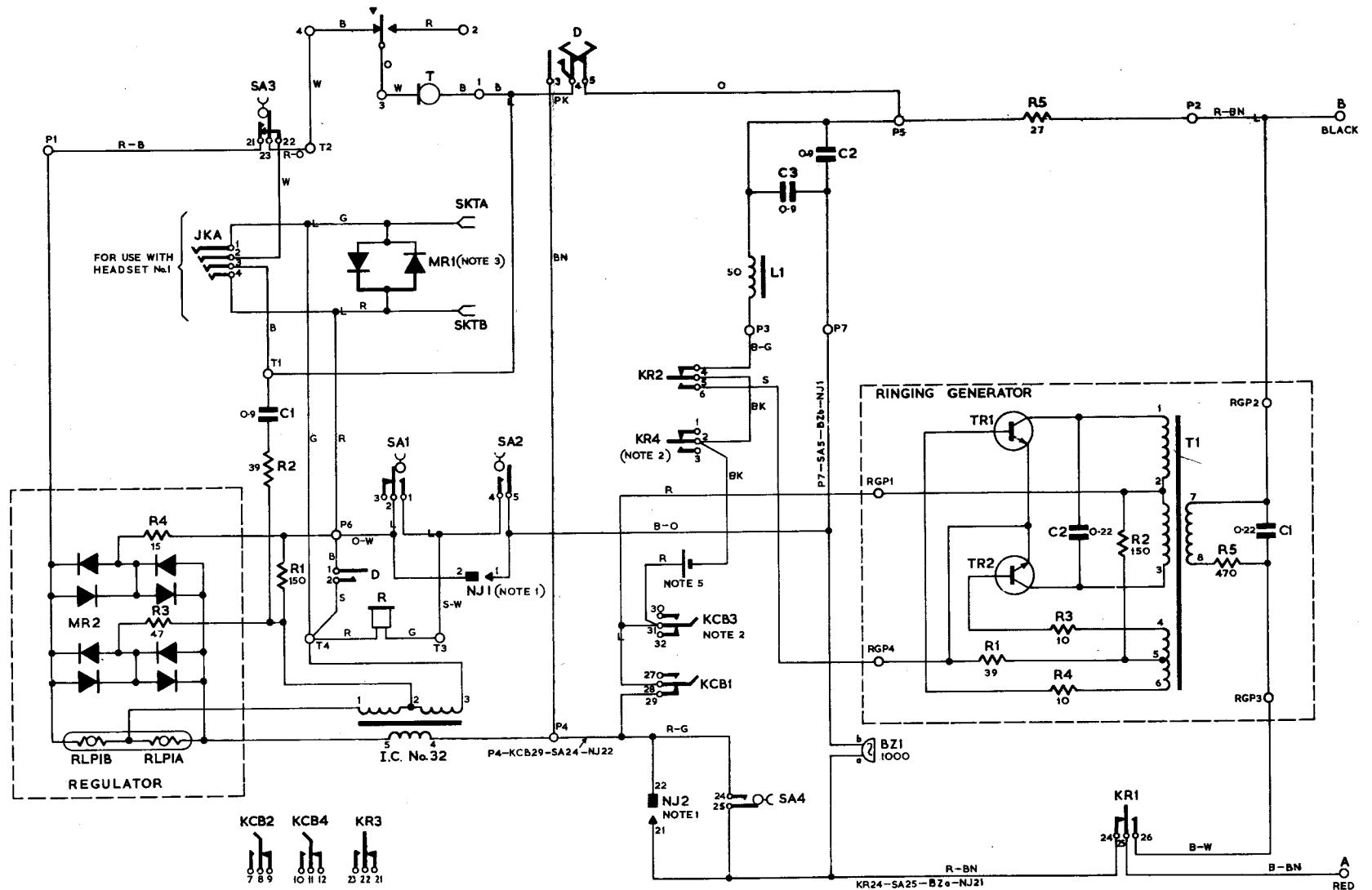


TELEPHONE No.704 LINEMANS TELEPHONE

N804
ISSUE A

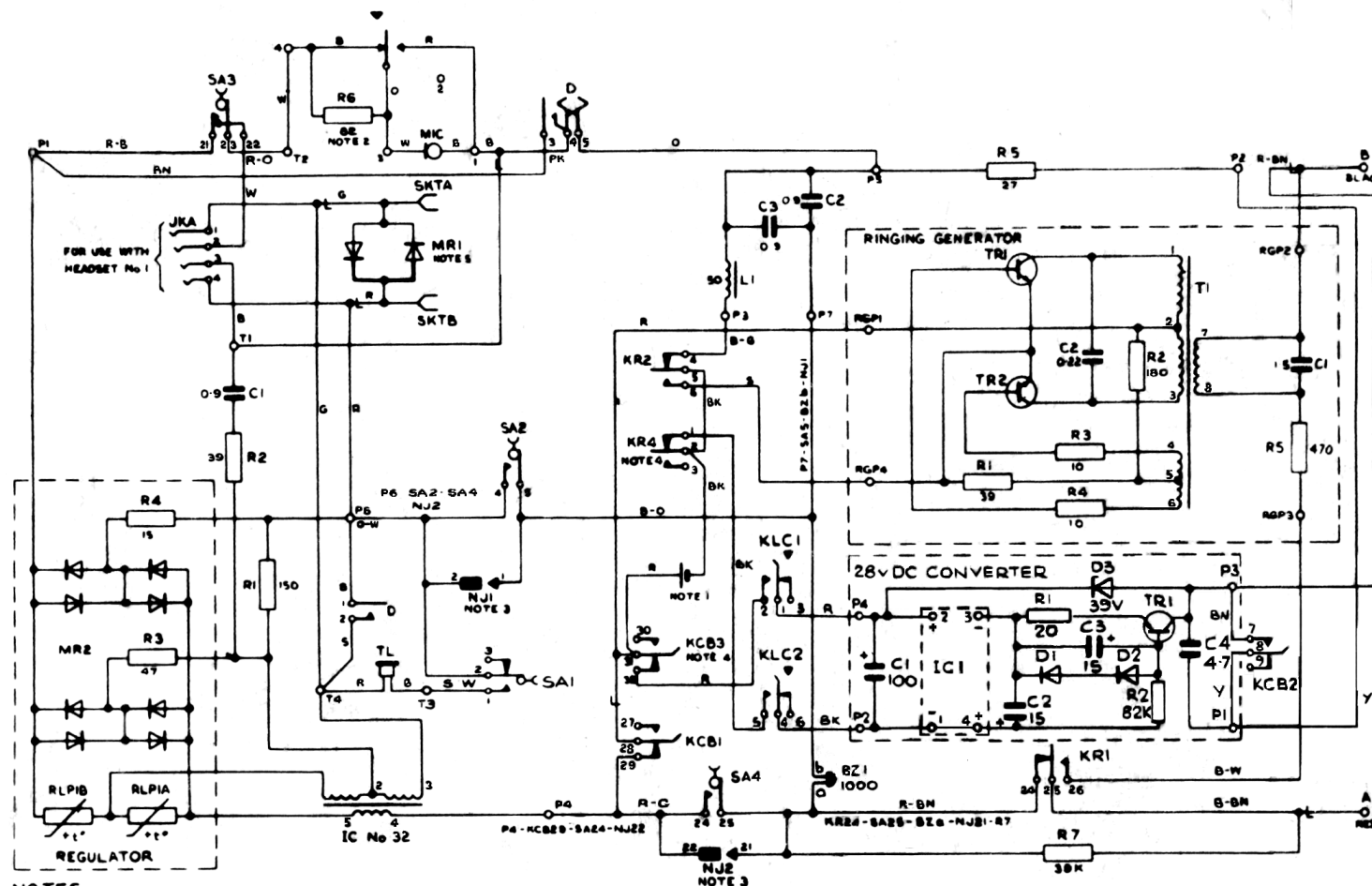


P.O.E.D.
S BCH.

PAPER:- R
CIRCULATION:-
SPECIAL

ISSUE	CONNECTIONS OF R3 AND R5 CORRECTED. NOTE 5 ADDED AND MINOR CORRECTIONS	1. 11. 67.
1	SI/1	14. 6. 67.

Telephone No. 704C



NOTES :-

- 3 CELLS DRY R2 PF. TO TEST CELLS OPERATE RING KEY AND CHECK THAT THE RINGING GENERATOR OUTPUT CAN BE HEARD IN THE RECEIVER.
- R6 MAINTAINS THE HOLD LOOP WHEN THE TRANSMITTER CUT-OFF BUTTON IS DEPRESSED
- NJ SPRINGS OPERATE WHEN A PLUG IS INSERTED IN JKA.
- KEY CONTACTS KR4 AND KCB3 ARE USED TO TERMINATE FLEXIBLE BATTERY LEADS
- RECTIFIER MR1 WIRED ACROSS JKA1-JKA4
- P. DENOTES PINS ON PRINTED CCT BOARD.
T. DENOTES TERMINALS ON PRINTED CCT BOARD.
RGP DENOTES PINS ON RINGING GENERATOR UNIT



CENTRAL BATT (KCB) LOCAL BATT. RING (KR)

TÉLE BT 704C OPERATING INSTRUCTIONS

1. CB OPERATION. WITH THE 3-WAY SWITCH IN THE "CB" POSITION THE TELE. OPERATES AS A CONVENTIONAL SUBS. INSTRUMENT. THE MICROPHONE IS ENERGISED WITH LINE CURRENT FROM THE EXCHANGE.
2. LB OPERATION.
 - 2.1. INDEPENDENT POWERING. WITH THE 3-WAY SWITCH IN THE "LB" POSITION THE MICROPHONE IS ENERGISED BY THE INTERNAL BATTERY TO ENABLE COMMUNICATION BETWEEN TWO LINESMAN'S TELES. IN "LB" MODE.
 - 2.2. INTERNAL LINE FEED. WITH THE PUSH BUTTON DEPRESSED AN INTERNAL DC CONVERTER PROVIDES 20MA LINE CURRENT TO ENABLE COMMUNICATION WITH A "CB" SUBS. TELE. OR ANOTHER LINESMAN'S TELE. IN "CB" MODE.
3. RINGING GENERATOR. WITH THE 3-WAY SWITCH IN THE "RING" POSITION A 25HZ RINGING VOLTAGE, DERIVED FROM THE INTERNAL BATTERY, IS APPLIED TO LINE.
4. INTERNAL BUZZER. INCOMING RINGING WILL OPERATE THE BUZZER WITH THE HANDSET "ON-HOOK" AND THE 3-WAY SWITCH IN EITHER "LB" OR "CB" POSITIONS.
5. BATTERY POWER. SHOULD BE CONSERVED BY MINIMUM USAGE OF THE RINGING GENERATOR & D.C. CONVERTER.