## HOUSE EXCHANGE SYSTEM EXPLANATORY ELEMENTS NON-MULTIPLE STATION. NOTES:-I NON-MULTIPLE STATION CALLING ON UNIT TRANSFER. #4 NON-MULTIPLE STATION CALLING & SPEAKING TO PANEL 2 SHOWS THE CALLING CONDITION. THE TELEPHONE LOOP OPERATES RELAY L & CONTACT L3 OPERATES THE INDICATOR TO GIVE VISUAL AND AUDIBLE SIGNAL TO THE MAIN STATION ATTENDANT. Suffix 2 NON-MULTIPLE STATION (STN. 2.) BEING CALLED BY MULTIPLE STATION, PANEL 3 AT THE CALLING STATION ON DEPRESSION OF THE LOCAL BUTTON FOR THE NON MULTIPLE STATION, EARTH IS EXTENDED VIA THE MULTIPLE B WIRE TO OPERATE RELAYS H & BZ. CONTACT BZ3 INTERRUPTS THE OPERATE CIRCUIT FOR RELAY BZ WHICH VIBRATES FOR THE PERIOD WHILE THE LOCAL BUTTON IS DEPRESSED CONTACTS BZI & 2 VIBRATING, ALTERNATE THE DIRECT CURRENT FEED TO RELAY L & RING THE MAGNETO BELL AT THE NON-MULTIPLE STATION. RELAY L DOES NOT OPERATE UNDER THIS CONDITION. A NON-MULTIPLE STATION (STN. 2) SPEAKING TO MULTIPLE STATION. PANEL 4. SHOWS THE SPEAKING CONDITION.

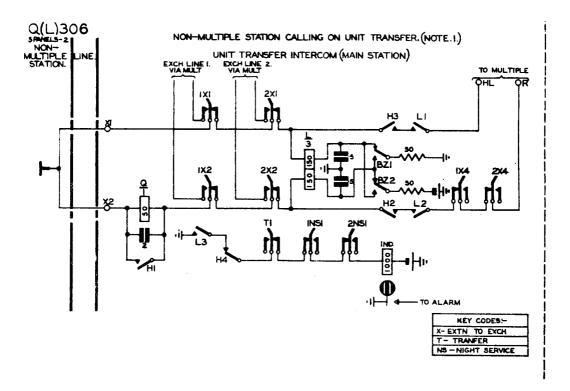
TRANSMISSION CURRENT IS SUPPLIED VIA RELAYS H&L TO THE NON-MULTIPLE STATION & VIA RETARD RA AT THE MULTIPLE STATION ALL OUTGOING CALLS FROM THE NON-MULTIPLE STATION ARE SET UP WITH THE ASSISTANCE OF MAIN STATION ATTENDANT WHO CALLS THE REQUIRED MULTIPLE STITION, UPON ANSWERING THE CALLED STATION IS REQUESTED BY THE MAIN STATION ATTENDANT TO CALL THE NON-MULTIPLE STATION, (PANEL 3 SHOWS THE NON-MULTIPLE STATION BEING CALLED BY A MULTIPLE STATION.)

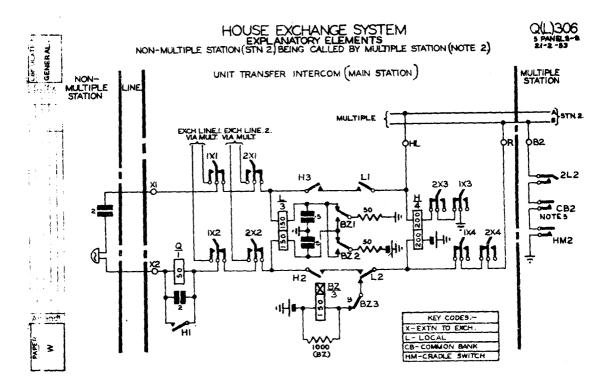
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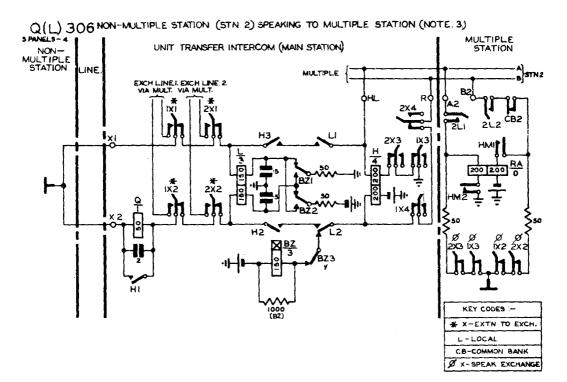
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FXCHANGE PANEL 5 SHOWS THE CALLING & SPEAKING CONDITION WHEN THE NON-MULTIPLE STATION HAS BEEN EXTENDED BY THE MAIN STATION ATTENDANT TO A FREE EXCHANGE LINE, THE ATTENDANT OPERATES THE EXTN. TO EXCH' KEY & THE NON-MULTIPLE TELEPHONE LOOP IS EXTENDED THROUGH TO THE EXCHANGE RELAY Q WILL BE OPERATED FROM THE PUBLIC EXCHANGE BATTERY & EARTH. CONTACT OF OPERATES RELAY OR & CONTACT ORI DISCONNECTS THE INDICATOR CIRCUIT IF THE PUBLIC EXCHANGE IS AUTOMATIC. DURING DIALLING FROM THE NON-MULTIPLE STATION RELAY O WILL RESPOND TO THE DIALLED IMPULSES, BUT RELAY OR BEING SLOW TO RELEASE WILL REMAIN OPERATED, WHEN THE NON-MULTIPLE STATION CLEARS RELAY Q IS RELEASED, CONTACT OF RELEASES RELAY OR AND CONTACT OR! OPERATES THE INDICATOR TO GIVE VISUAL AND AUDIBLE SIGNAL TO THE MAIN STATION ATTENDANT IN ORDER THAT THE EXTN TO ENCH KEY CAN BE RESTORED TO NORMAL

S COMMON BANK IS OPERATED IN RINGING POSITION OF LOCAL BUTTON.







HOUSE EXCHANGE SYSTEM EXPLANATORY ELEMENTS

5 PANEL 8-5

NS-NIGHT SERVICE

NON-MULTIPLE STATION CALLING & SPEAKING TO EXCHANGE (NOTE 4.) NON-MULTIPLE STATION UNIT TRANSFER INTERCOM No.3. MAIN STATION UNIT TRANSFER INTERCOM No.2. MAIN STATION. EXCH MULTIPLE QIC. ÓВ Ó19 ÒID IX5 INS2 IT2 X2 IX3 101 TE MOB G2 KEY COBES:-X- EXTN TO EXCH T- TRANSFER