

FIG. 1A
CLOCK NO 44 CONNECTIONS
WITH UNIVERSAL TIMING KEY
AND CONTROL RELAYS
MANUAL BOARD

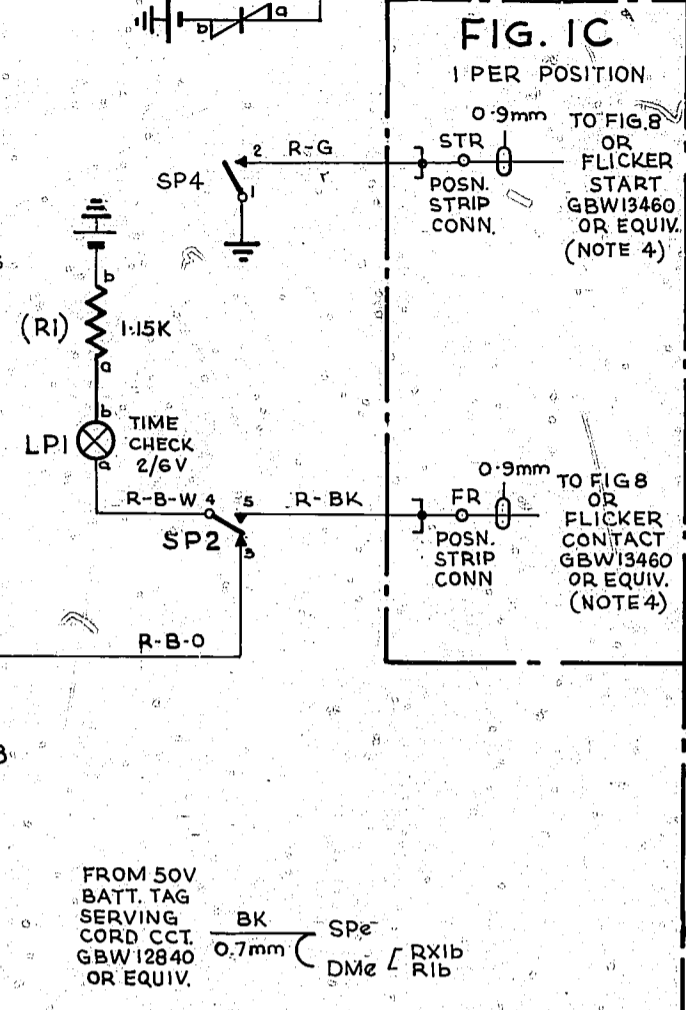
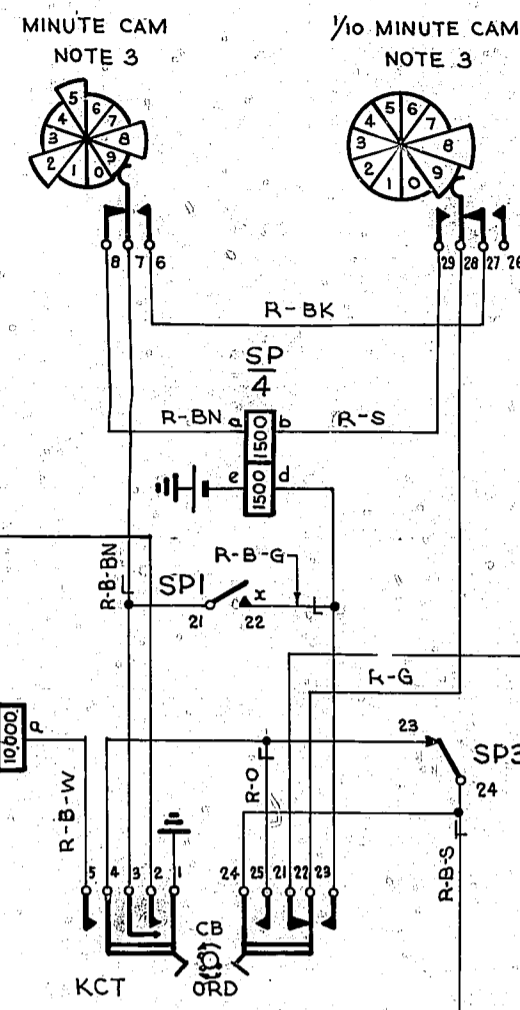


FIG. 8
FLICKER START
C.T.S.
1 PER 10 POSITIONS
FOR BATT. & ETH. RUNS
SEE INSET FIG.

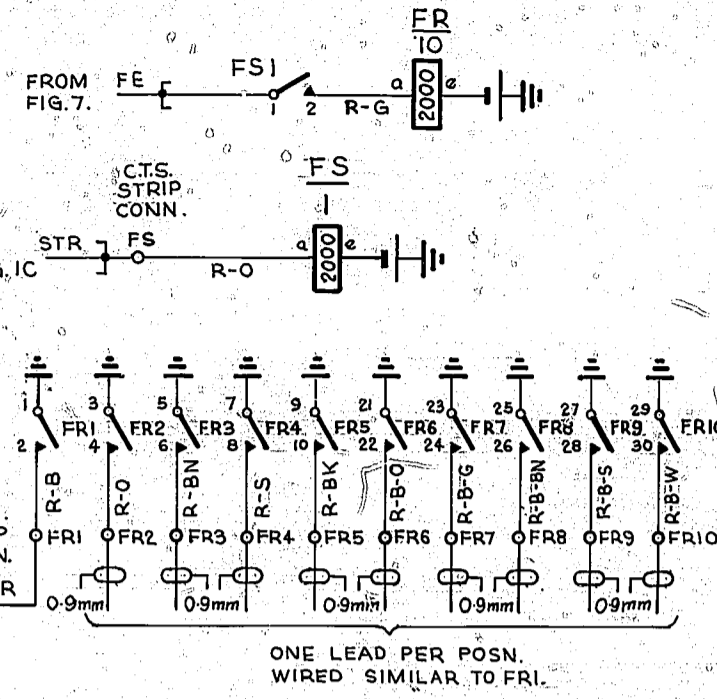


FIG. 10
FLICKER RELAYS
C.T.S.

USED IN SUITES
WITH MORE THAN 10 POSITIONS.
1 PER 20 POSITIONS.
FOR BATT. & ETH. RUNS
SEE INSET FIG.

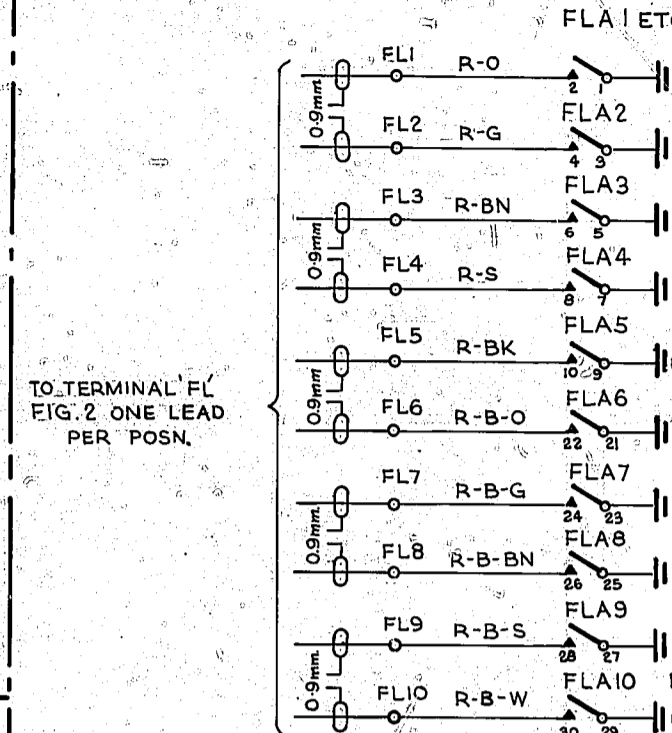
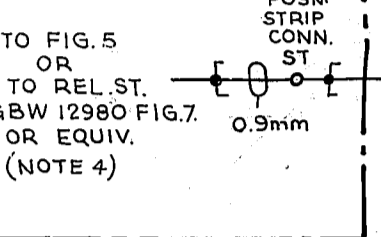


FIG. 1B
1 PER POSITION



PART OF CORD CIRCUIT
GBW 12840 OR EQUIV.
EXPLANATORY ONLY

FIG. 7
MASTER ROUTINE TEST KEY
C.T.S.
1 PER MANUAL BOARD SUITE
HAVING C.T.S.'S
FOR BATT. & ETH. RUNS SEE FIG. 5

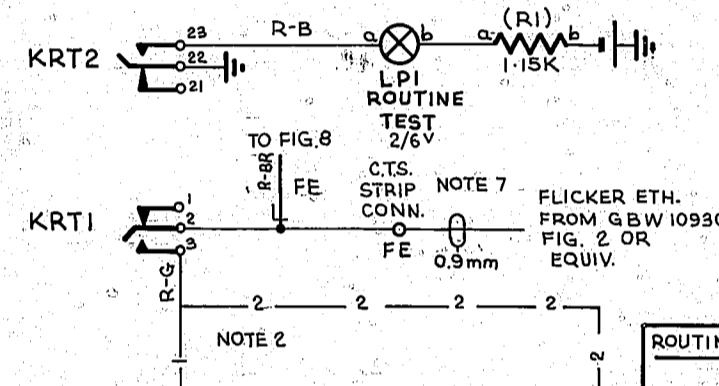


FIG. 2
1 PER POSITION

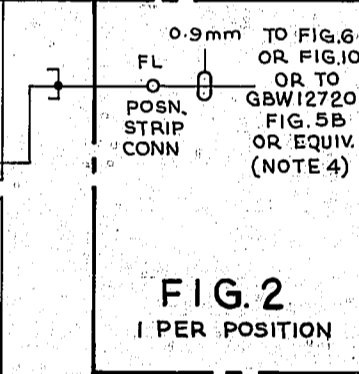


FIG. 3
ROUTINE TEST JACK
MANUAL BOARD
PER CLOCK NO 44 CCT.

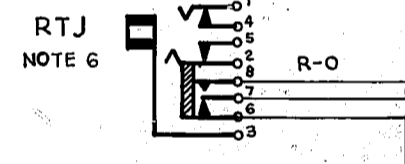


FIG. 6
FLICKER RELAYS C.T.S.
USED IN SUITES WITH NOT
MORE THAN 10 POSITIONS

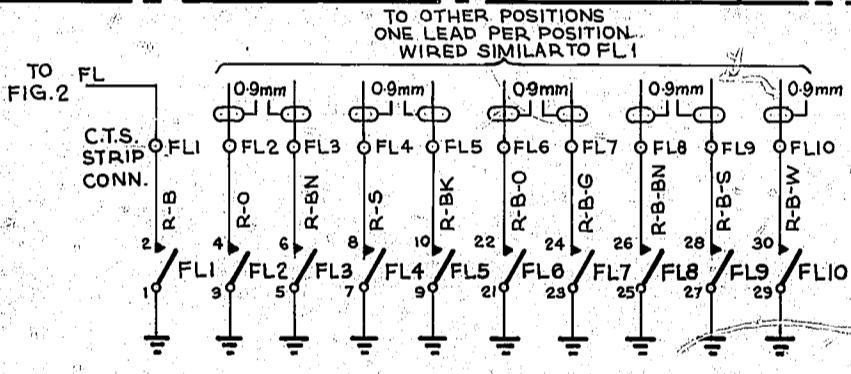
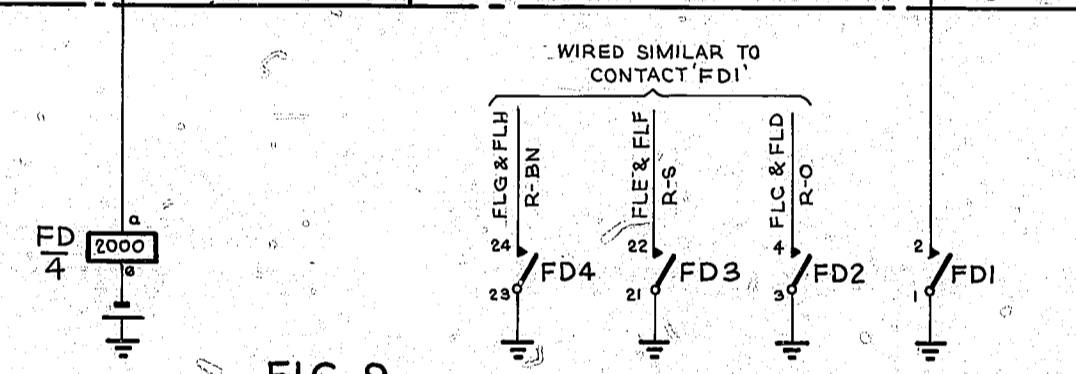


FIG. 9
FLICKER RELAY C.T.S.
1 PER SUITE
USED IN SUITES WITH MORE THAN 10 POSITIONS
FOR BATT. & ETH. RUNS, SEE INSET FIG.



SUITES WITH 10 POSNS. MAX

BATT. FUSE $\frac{BK}{0.9mm} \frac{50V}{0.9mm} BK$ FSe-FRe (FIG. 8) - FLc (FIG. 6)
POSN. ETH. R $\frac{R}{0.9mm}$ FR21-23-25-27-29-1-3-5-7-9 (FIG. 8)
FL21-23-25-27-29-1-3-5-7-9 (FIG. 6)

SUITES WITH 60 POSNS. MAX.

BATT. FUSE $\frac{BK}{0.9mm} \frac{50V}{0.9mm} BK$ FLAe-FLBe-FLCe-FLDe (FIG. 10),
IFRe-2FRc-3FRc-4FRc-5FRc-6FRc } FIG. 8
3FSe-5FSe-4FSe-3FSe-2FSe-1FSe }
FLHe-FLGe-FLFe-FLEe (FIG. 10)
BATT. FUSE $\frac{BK}{0.9mm} \frac{50V}{0.9mm} BK$ FDe (FIG. 9) - 7FRc - 8FRc - 8FSe - 7FSe (FIG. 8)
POSN. ETH. R $\frac{R}{0.9mm}$ R6a-R7a
-FLA21-23-25-27-29-1-3-5-7-9 ETC. TO } FIG. 10
-FLD21-23-25-27-29-1-3-5-7-9 }
-1FR21-23-25-27-29-1-3-5-7-9 } FIG. 8
-8FR21-23-25-27-29-1-3-5-7-9 }
-FLH21-23-25-27-29-1-3-5-7-9 }
-FLG21-23-25-27-29-1-3-5-7-9 } FIG. 10
-FLE21-23-25-27-29-1-3-5-7-9 }
-R9a- R8a }

NOTES

- FUSE - FIG. 1A FUSE WITH CORD CCT. (GBW 12840 OR EQUIV)
FIG. 4 FUSE WITH POSITION CCT. (GBW 12811 OR EQUIV)
1.5A PER FIGS. 5 & 7
1.5A PER FIGS. 6, 8, 9 & 10 (20 FLICKER RELAYS MAX).
- WHEN FIG. 6 IS USED, ADD WIRING SHOWN THUS -1- & DELETE WIRING SHOWN THUS -2-
WHEN FIG. 9 IS USED ADD WIRING SHOWN THUS -2- & DELETE WIRING SHOWN THUS -1-
- MINUTE CAM SPRINGS 7 & 8 MAKE ON 9
MINUTE CAM SPRINGS 6 & 7 MAKE ON 2, 5 & 8
1/10 MINUTE CAM SPRINGS 29 & 28 MAKE ON ALL BUT 8 & 9
1/10 MINUTE CAM SPRINGS 27 & 26 MAKE ON 9
1/10 MINUTE CAM SPRINGS 26, 27 & 28 MAKE ON 8
- CONNECTIONS TO GBW12720, GBW12980 & GBW 13460 ARE APPLICABLE ONLY WHEN NEW POSITIONS ARE BEING ADDED TO A SUITE OF EARLY TYPE POSITIONS.
- ALL WIRING TO BE 0.5mm UNLESS OTHERWISE SPECIFIED.
- RTJ SPRINGS 6 & 7 MUST BREAK BEFORE SPRINGS 7 & 8 MAKE.
- IN SOME EXCHANGES THE MANUAL SWITCHBOARD IS SITUATED IN A BUILDING REMOVE FROM THE AUTO EQPT. BUILDING, IN SUCH CASES THE CONNECTION FROM THE 6 SEC. ETH. PULSE & FLICKER ETH. TO THE C.T.S. STRIP CONN. IS MADE VIA THE I.D.F. MULT. AND/OR LOCAL (AUTO BUILDING) AND A MANUAL ROOM FRAME. (MANUAL BUILDING).

FIG. 4.
TIME PULSE RELAY
MANUAL BOARD
1 PER POSITION WITH C.T.S.'S

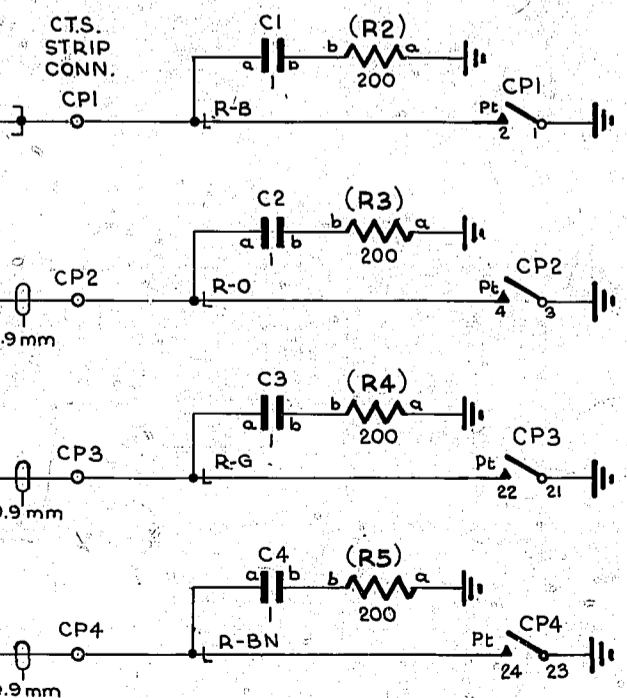
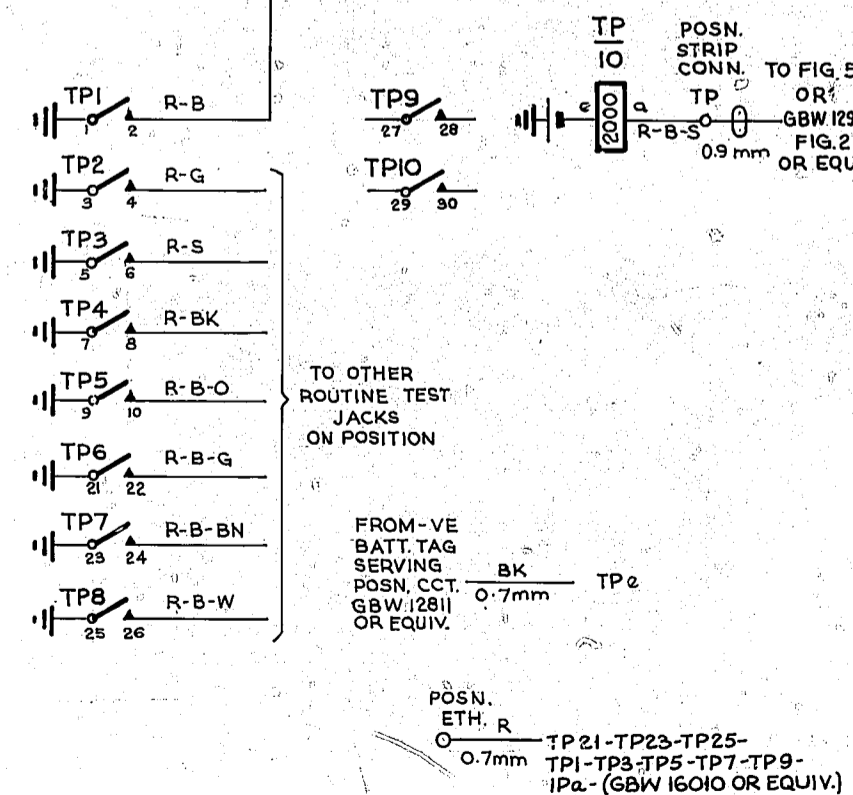
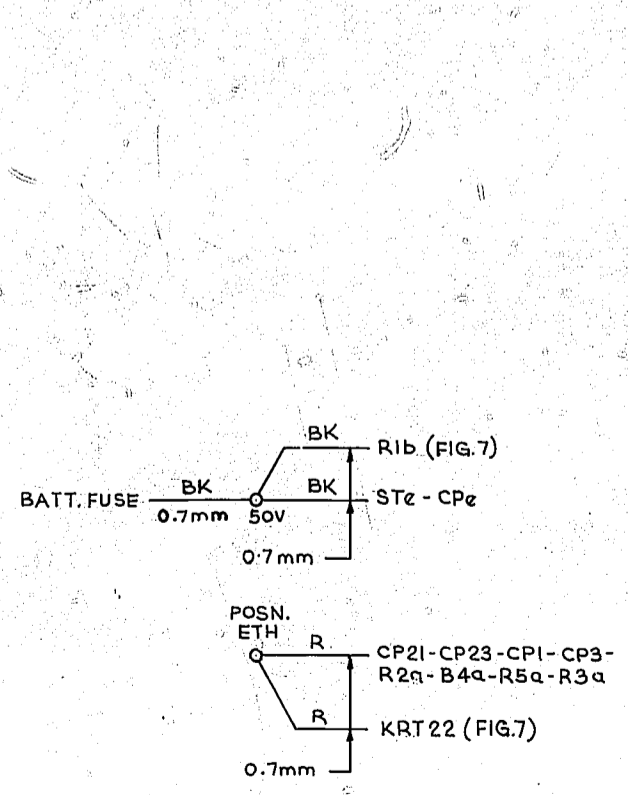


FIG. 5
START AND CONTROL
RELAYS C.T.S.
1 PER MANUAL BOARD SUITE
HAVING POSITIONS WITH C.T.S.'S



RETRACED AND METRICATED (157622)	68	8-2-79	RED
FIG. 5 AMD. (152910)	6A		DB.H
REF TO FLICKER ETH. ADDED IN NOTE 7. (69788)	6		DB.H
AMENDMENT PARTICULARS			
ISS.	DATE	APP.	REF.
N.Z.P.O.			
DRAWN	CHKD.	WIRING CIRCUIT	GBW 16130

