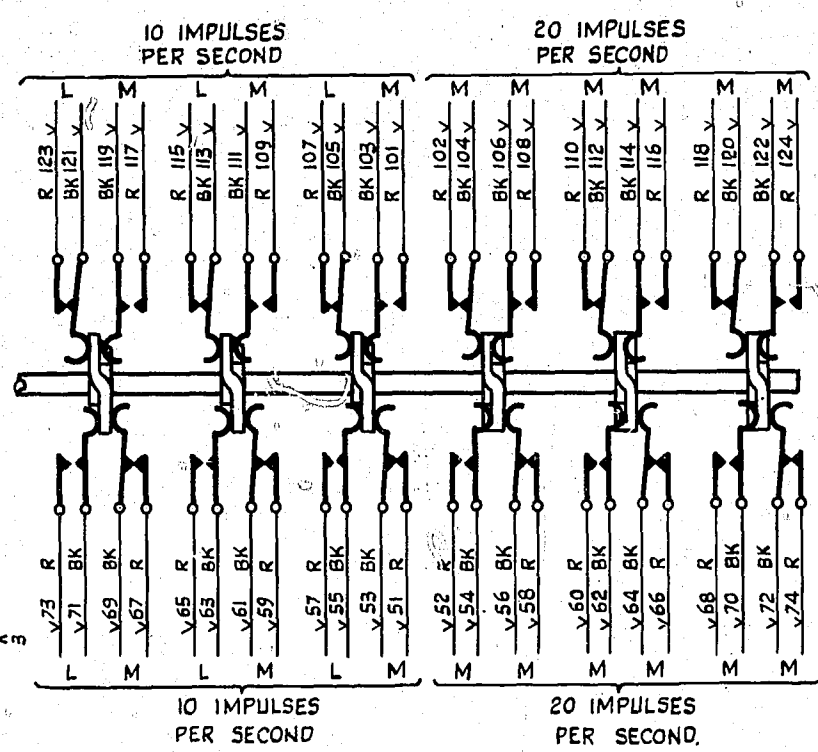
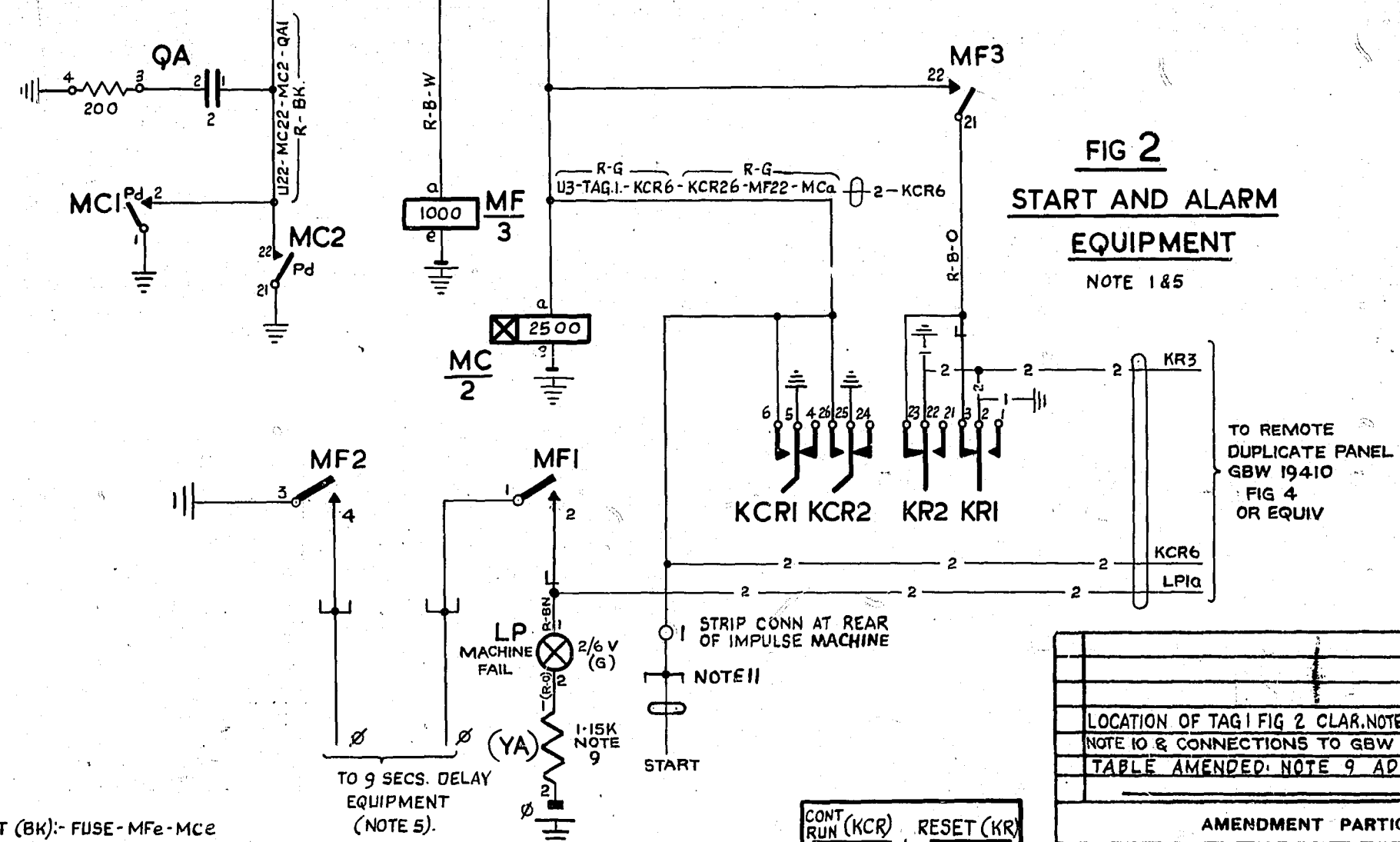


0  
5 Centimetres  
10  
15  
20  
25  
30



**FIG 1 MACHINE**  
NOTE 1, 2, 3 & 4.



**FIG 2 START AND ALARM EQUIPMENT**  
NOTE 1 & 5

BATT (BK): FUSE-MFe-Mce  
EARTH (R) EARTH BAR - MF3-MC21-MC1-QA4-KCR5-KCR25-(KR2-KR22)

CONT RUN (KCR) 2 + RESET (KR) 2

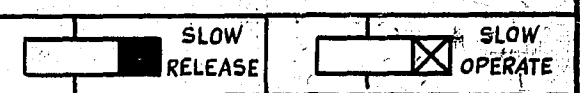
**NOTES**

- FUSING:- FIG 1 3-0A PER MACHINE  
FIG 2 MF & MC 1.5A PER CIRCUIT  
FIG 2 YA FUSED WITH ASSOCIATED DELAY EQUIPMENT
- JACK POINTS:-  
124 TO 123 - 74 TO 73 - 24 TO 23  
AS SEEN FROM REAR.
- M = MAGNET SPRING SETS WITH 66% MAKE.  
L = LINE SPRING SETS WITH 33% MAKE.
- MACHINES TO BE WIRED WITH  
20 SWG FOR SPRING SETS  
18 SWG FOR MOTOR AND RESISTANCE.
- FOR IMPULSE MACHINES ON A.E.R. ONE DELAY EQUIPMENT (GBW 11060 FIG 4A OR EQUIV) TO BE FITTED.
- ALL FIG.2 WIRING SHOWN COLOURED TO BE 22 S.W.G. UNLESS OTHERWISE SPECIFIED.
- Ø FOR WIRING SEE GBW 11060 OR EQUIV.
- IMPULSE MACHINE N° 18 (ATW 42430 OR EQUIV) ALSO PROVIDED WHERE TOTAL NUMBER OF 10 IPS "M" SPRING-SETS REQUIRED EXCEEDS 6. EQUIPMENT NOT COVERED BY TABLE 1, MAY BE SERVED BY SPARE SPRING-SETS.
- ON SOME EARLY EQUIPMENTS YA WAS 1200 OHMS.
- WHEN REMOTE DUPLICATE PANEL IS FITTED, PROVIDE CONNECTIONS SHOWN -2-2- AND OMIT THOSE SHOWN -1-1-
- ON SOME EARLY EQUIPMENTS START LEADS ARE CONNECTED VIA A.E.R. MISC. STRIP CONN

**TABLE 1**  
**ALLOCATION OF IMPULSE MACHINE SPRINGS**

EQUIPMENT	U POINTS		
	10 IPS M	10 IPS L	20 IPS M
TRAFFIC RECORDER	51/53	55/57 *	
AUTO TO AUTO ROUTINER N° 1	59/61	63/65	52/54
DSR. ROUTINER OR AUTO TO AUTO ROUTINER N° 2	67/69	71/73	56/58
FINAL SELECTOR ROUTINER (ORD & PBX 2-10)	101/103	105/107	60/62
FINAL SELECTOR ROUTINER (11 AND OVER)			102/104
AUTO-AUTO ROUTINER (REGENERATOR)			68/70
JUNCTION RELAY SET ROUTINER			72/74
GROUP SELECTOR ROUTINER N° 1	109/111	113/115	64/66
GROUP SELECTOR ROUTINER N° 2	117/119	121/123	106/108
SPARE			110/124

\* NOT USED



**IMPULSE MACHINE WITH START & ALARM CIRCUIT AUTOMATIC EXCHANGES**

LOCATION OF TAG 1 FIG 2 CLAR. NOTE 11 ADDED (12676)	4	20.4.67	DL.B.
NOTE 10 & CONNECTIONS TO GBW 19410 ADD. (46452)	3	18.8.66	M.G.B.
TABLE AMENDED. NOTE 9 ADDED	2		
	1		
AMENDMENT PARTICULARS	ISSUE	DATE	APP <sup>d</sup>
N.Z.P.O.	DRAWN	CHECKED	WIRING CIRCUIT

**GBW 11090**

SIZE S 50V E