



- NOTES:**
- FUSING: 50V NEG. BATTERY 1.5A PER CIRCUIT.
50V P.F.3. BATTERY 0.5A PER CIRCUIT.
 - THE WINDINGS OF RELAY DX ARE CONNECTED DIFFERENTIALLY.
 - WHEN THE CIR. JUT IS IN THE NORMAL CONDITION (I.E. NO SIGNAL BEING RECEIVED) RELAY X IS OPERATED.
 - TERMINALS B1 TO B4 TO BE STRAPPED TO SHORT CIRCUIT RESISTORS (R1) (R2) AND/OR (R3) TO GIVE OPERATE LAG TO RELAY CR NEAREST TO BUT ABOVE 2 SECS.
 - TERMINALS 6, 10 &/OR 11 TO BE STRAPPED FOR FINAL TUNING ADJUSTMENT.
 - SHELF JACK POINTS U9-U11 AND (U9)-(U11) TO MAKE CONTACT WHEN RELAY SET IS REMOVED.
 - TERMINALS 2, 3, 6 &/OR 7 TO BE STRAPPED FOR GUARD RATIO ADJUSTMENT.
 - Ø FOR WIRING SEE GBW 12110 OR EQUIV. OR GBW13730 OR EQUIV.
 - ALL WIRING NOT OTHERWISE SPECIFIED TO BE 0.5 MM.
 - SHELF JACK U POINTS SHOWN WITHOUT BRACKETS REFER TO PART 1 RELAY SET FIG. 1A. SHELF JACK U POINTS SHOWN WITH BRACKETS REFER TO PART 2 RELAY SET FIG. 1B.
 - ON EARLY EQUIPMENTS WIRES BETWEEN SHELF JACK U POINTS (70) 70 AND (69) 69, (56) 56 AND (60) 60, (58) 58 AND (54) 54, (62) 62 AND (78) 78 AND BETWEEN (51) 51 AND (52) 52 WERE NOT PAIRED. THE COLOURS WERE R-S AND R-S, R-B-S AND R-G, R-B-G AND R-BN, R-B-BN AND R-G AND R-B-O AND R-S RESPECTIVELY.
 - TERMINAL T2/13 IS NORMALLY CONNECTED TO T2/16. WHEN TEST CONDITIONS REQUIRE R26 INSTEAD OF R23, REMOVE WIRE FROM T2/16 AND CONNECT TO T2/15.
 - TO OBTAIN AN IMPULSE OUTPUT RATIO WITHIN THE SPECIFIED TEST LIMITS, STRAP OUT RESISTORS R27-R30 INDIVIDUALLY, OR IN PARALLEL COMBINATIONS, AS REQD.
 - ON SOME EARLIER EQUIPMENT COLOUR OF NEG. BATT. WIRING WAS BK. OR W. POS. BATT. WAS R-B AND 6.3 VAC. WIRING WAS BN & BN-W PAIR.

FIG. 1A PART 1-RELAY SET.
FIG. 1B PART 2-RELAY SET.
 NOTE 10.
 BATT. (0.7MM. V) FUSE $\frac{3B}{3B}$ U12 (PART 2) U12 (PART 1)
 ETH. (0.7MM. R) ETH BAR $\frac{3A}{3A}$ U11 (PART 2) U11 (PART 1)
PART 1
 BATT. V U12-R1b-R3b AAe-LBc-W5e-S5e-SPe-DDe-R25
 Db-CHc-CBc-R4b-R19b-R20b.
 ETH. R U11-R2a-A2-AA2-LAa-W525-WB21-D29-CHc-T2/E.
PART 2
 BATT. V U12-Akb-Ake-BBb-BBe-TXe-RLe-DXb-DXd-BrE-RGe-R4b-R7b-CFb-CFe-CDe-CRb-CRe-SRe-DCe-DBe-TE/2-T4/1e-V2/2-V2/G-C6b-C6c-C7b-R6b-R12b-R15b
 ETH. R U11-B21-B5-B8-BB1-X22-RL3-BR26-BR1-RG24-CF25-CF4-CDa-SR1-DC21-T2/E-T3/E-T4/E-TU1-TU13.
 POS. BATT. 0.7MM. V FUSE-U17-U15 (PART 2)
 POS. BATT. Y U17-VU1/B4-V1/7-V2/7, U15-R24b, U19-R25b.
 6.3AC HC OR HC1 0.7MM. V FUSE-U16 (PART 2)
 6.3 VAC H. IA 0.7MM. R HEATER ETH. BAR-U14 (PART 2)
 6.3 AC HC $\frac{2B}{2B}$ V-Y U16-V1/5-V2/3
 6.3 AC H. $\frac{2A}{2A}$ R-W U14-V1/4-V2/4

PROOF

DEPENDENT EXCHANGE O/G N.Z. S.S. A.C. N°3 LINE CCT. FOR UNIDIRECTIONAL JUNCTIONS TO PARENT EXCHANGE		DRN S. S. SECT. CKD	ORIGIN S. S. SECT.
TCD G. U. APPD		STANDARD ATW 22001	
NZPO ENGINEER-IN-CHIEF WELLINGTON			
SHT 1 of 1		GBW 15091	
SIZE A1			

