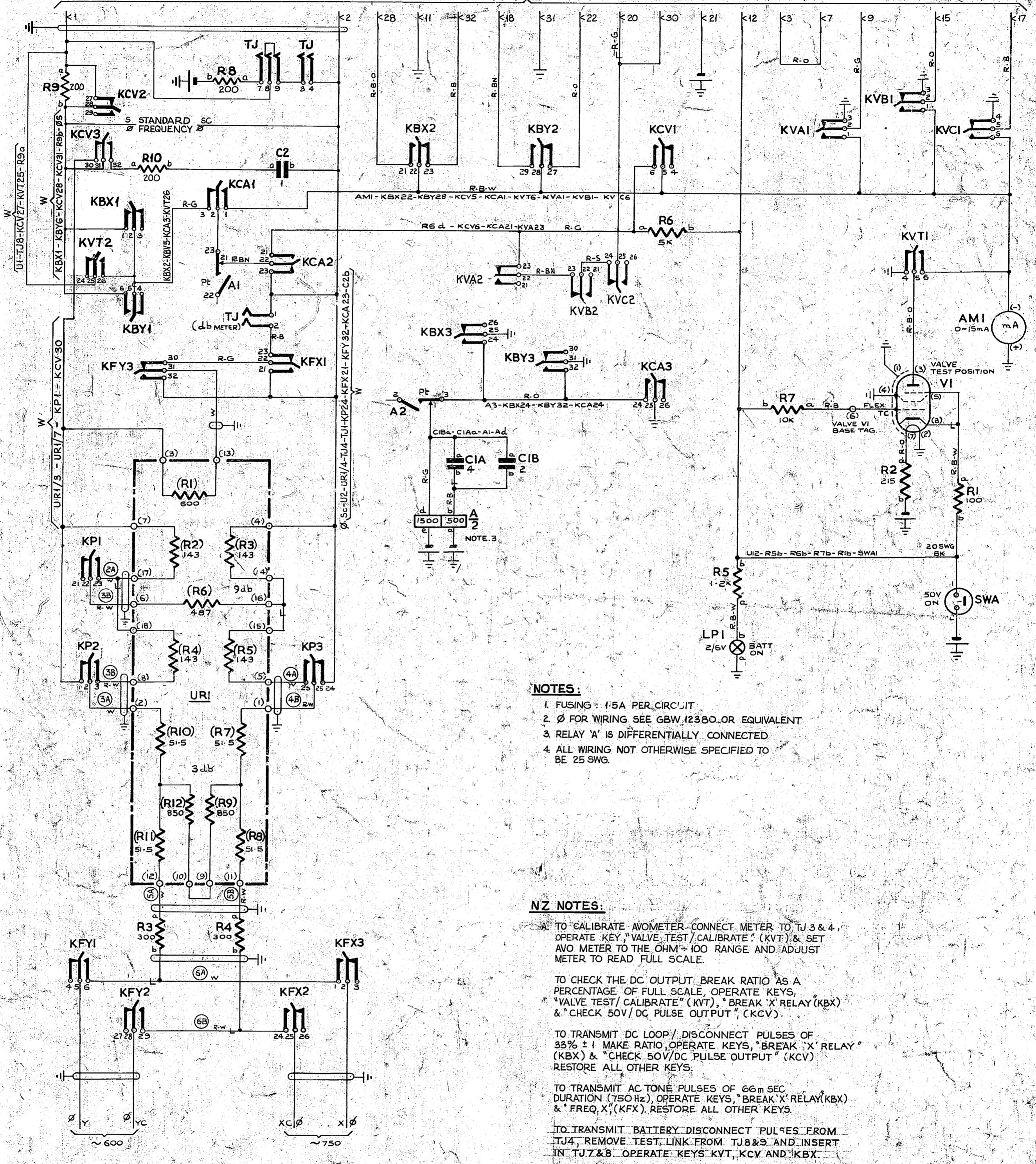


N.Z. S.S. A.C. N°1 RECEIVER & OSCILLATOR TEST POSITION SHELF JACK



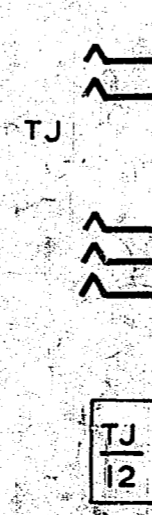
NOTES:

- 1. FUSING: 1.5A PER CIRCUIT
- 2. Ø FOR WIRING SEE GBW 12380 OR EQUIVALENT
- 3. RELAY 'A' IS DIFFERENTIALLY CONNECTED
- 4. ALL WIRING NOT OTHERWISE SPECIFIED TO BE 25 SWG.

NZ NOTES:

- A. TO CALIBRATE AVOMETER CONNECT METER TO TJ 3 & 4, OPERATE KEY "VALVE TEST / CALIBRATE" (KVT) & SET AVO METER TO THE OHM = 100 RANGE AND ADJUST METER TO READ FULL SCALE.
- TO CHECK THE DC OUTPUT BREAK RATIO AS A PERCENTAGE OF FULL SCALE, OPERATE KEYS, "VALVE TEST / CALIBRATE" (KVT), "BREAK 'X' RELAY" (KBX) & "CHECK 50V/DC PULSE OUTPUT" (KCV).
- TO TRANSMIT DC LOOP / DISCONNECT PULSES OF 33% ± 1 MAKE RATIO, OPERATE KEYS, "BREAK 'X' RELAY" (KBX) & "CHECK 50V/DC PULSE OUTPUT" (KCV) RESTORE ALL OTHER KEYS.
- TO TRANSMIT AC TONE PULSES OF 66m SEC DURATION (750 Hz) OPERATE KEYS, "BREAK 'X' RELAY" (KBX) & "FREQ. X" (KFX). RESTORE ALL OTHER KEYS.
- TO TRANSMIT BATTERY DISCONNECT PULSES FROM TJ4, REMOVE TEST LINK FROM TJ8 & 9 AND INSERT IN TJ7 & 8. OPERATE KEYS KVT, KCV AND KBX.

9 DB PAD (KP)	3		
CHECK RELAY A (KCA)	3	CHECK 50V/DC PULSE OUTPUT (KCV)	3
TEST VALVE V1 (KVA)	2	VALVE TEST / CALIBRATE (KVT)	2
TEST VALVE V2 (KVB)	2	TEST VALVE V3 (KVC)	2
BREAK 'X' RELAY (KBX)	3	BREAK 'Y' RELAY (KBY)	3
FREQUENCY 'X' (KFX)	3	FREQUENCY 'Y' (KFY)	3



120 SWG	BATT FUSE (BK)	U21-R25-R8b-Aa-Ae	SWA2 (20 SWG)
20 SWG	ETH, ETH BAR (R)	U11-U31-AMI+ - V1/1-V1/2-V1/4-LPIA-KVB3-KVC4-KVT4 - KVA3-KCA25-KBY31-KBX25	ETH FOR SCREENED WIRES
KCV3 CONTACTS REPOSITIONED (68387)	4B	22-1-75	BS-H
RESISTORS R8,9 & 10, CAPACITOR C2 & NZ NOTE 3, ADDED TO FACILITATE FOR PULSE DISTORTION TESTING (122759)	4A	4-6-74	BSH
TITLE AMENDED (69526)	4	22-1-63	DBH
9db PAD WAS 12db PAD	3		
KVA2, KVB2 & KVC2 WERE SPARE	2		
AMENDMENT PARTICULARS	ISSUE DATE	APPD	2VF
NZPO	DRAWN	CHECKED	WIRING CIRCUIT

<input type="checkbox"/> SLOW RELEASE <input checked="" type="checkbox"/> SLOW OPERATE	N.Z. SIGNALLING SYSTEM A.C. N°1
RECEIVER & OSCILLATOR TEST CIRCUIT	
GBW 12370	SIZE M 50V S

5 centimetres 10 15 20 25 30 35 40 45 50 55 60