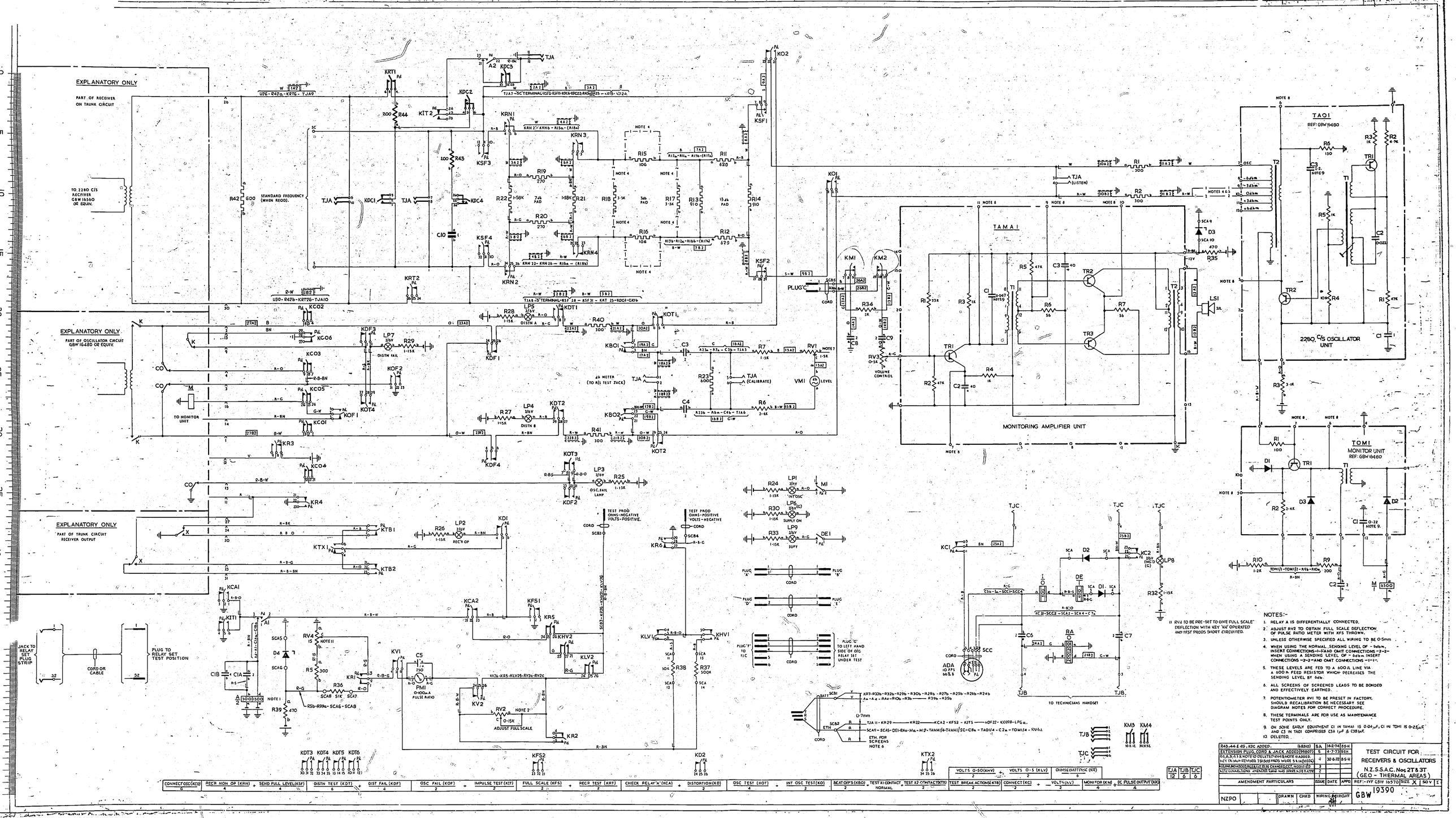
EXPLANATORY ONLY
PART OF RECEIVER ON TRUNK CIRCUIT
TO 2280 C/S RECEIVER GBW 16560 OR EQUIV.
STANDARD FREQUENCY (WHEN REQD).
EXPLANATORY ONLY
PART OF OSCILLATOR CIRCUIT GBW 16480 OR EQUIV.
TO MONITOR UNIT
EXPLANATORY ONLY
PART OF TRUNK CIRCUIT RECEIVER OUTPUT
JACK TO RELAY SET PLUG STRIP
CORD OR CABLE
PLUG TO RELAY SET TEST POSITION
TEST PROD OHMS-NEGATIVE VOLTS-POSITIVE.
TEST PROD OHMS-POSITIVE VOLTS-NEGATIVE
PLUG 'A'
PLUG 'B'
PLUG 'C'
PLUG 'D'
PLUG 'E'
PLUG 'F'
PLUG 'G' TO LEFT HAND SIDE OF O/G RELAY SET UNDER TEST
TO T/C
ADJUST FULL SCALE
0-100mA PULSE RATIO
TAO1
REF: GBW 16480
2280 C/S OSCILLATOR UNIT
TAMA1
MONITORING AMPLIFIER UNIT
TOM1
MONITOR UNIT
REF: GBW 16480
TO TECHNICIANS HANDSET
ADA
0-7mm
0-15K
0-100mA
CONNECT OSC(KCO)
RECR NON OP (KRN)
SEND FULL LEVEL(KSF)
DISTN TEST (KDT)
DIST FAIL (KDF)
OSC FAIL (KOF)
IMPULSE TEST(KIT)
FULL SCALE (KFS)
RECR TEST (KRT)
CHECK RELAY 'A' (KCA)
DISTORTION(KD)
OSC TEST (KOT)
INT OSC TEST(KO)
BCAT OP'S(KBO)
TEST KI CONTACT NORMAL
TEST KI CONTACT OPERATED
TEST BREAK ACTIONS(KTB)
CONNECT (KC)
VOLTS (KLV)
MONITOR (KM)
DC PULSE OUTPUT (KDO)
VOLTS O-50(KHV)
VOLTS O-5 (KLV)
OHMS/MAFFISC (KR)
TJA 12
TJB 6
TJC 6
NOTES:-
1. RELAY A IS DIFFERENTIALLY CONNECTED.
2. ADJUST RV2 TO OBTAIN FULL SCALE DEFLECTION OF PULSE RATIO METER WITH KFS THROWN.
3. UNLESS OTHERWISE SPECIFIED ALL WIRING TO BE 0·5mm
4. WHEN USING THE NORMAL SENDING LEVEL OF -9db m, INSERT CONNECTIONS -1-1 AND OMIT CONNECTIONS -2-2- WHEN USING A SENDING LEVEL OF -6db m INSERT CONNECTIONS -2-2 AND OMIT CONNECTIONS -1-1-.
5. THESE LEVELS ARE FED TO A 600 Ω LINE VIA A 600 Ω FEED RESISTOR WHICH DECREASES THE SENDING LEVEL BY 6db
6. ALL SCREENS OF SCREENED LEADS TO BE BONDED AND EFFECTIVELY EARTHED.
7. POTENTIOMETER RV1 TO BE PRESET IN FACTORY, SHOULD RECALIBRATION BE NECESSARY SEE DIAGRAM NOTES FOR CORRECT PROCEDURE.
8. THESE TERMINALS ARE FOR USE AS MAINTENANCE TEST POINTS ONLY.
9. ON SOME EARLY EQUIPMENT C1 IN TAMA1 IS 0·04 μF, C1 IN TOM1 IS 0·25 μF AND C3 IN TAO1 COMPRISES C3A 1 μF & C3B 1 μF.
10. DELETED.
R43, 44 & 45, KDC ADDED. (5831O)
EXTENSION PLUG, CORD & JACK ADDED (29807)
R30, R, R, R 5 R NOTED DELETED NEW & NOTE 13 ADDED.
NEW CR 5 SHOWN REVISED 7 & 15 SIDE PADS WERE 5 & 14 (10336)
POLARISED RELAYS (KLV) IN CHANGEOVER MODIFIED
NITZ CONNECTIONS AMENDED SAME HAS 20WIRE PLATES
5A 14-2-74 BSH
5 4-7-75 BSH
4 30-6-78 BSH
3
2
1
AMENDMENT PARTICULARS ISSUE DATE APPD
NZPO DRAWN CHKD WIRING AUTHORITY
TEST CIRCUIT FOR RECEIVERS & OSCILLATORS
N.Z.S.S.A.C. Nos 2T & 3T
(GEO - THERMAL AREAS)
REF:- HYF GBW 16570 SIZE X 50 V E
GBW 19390