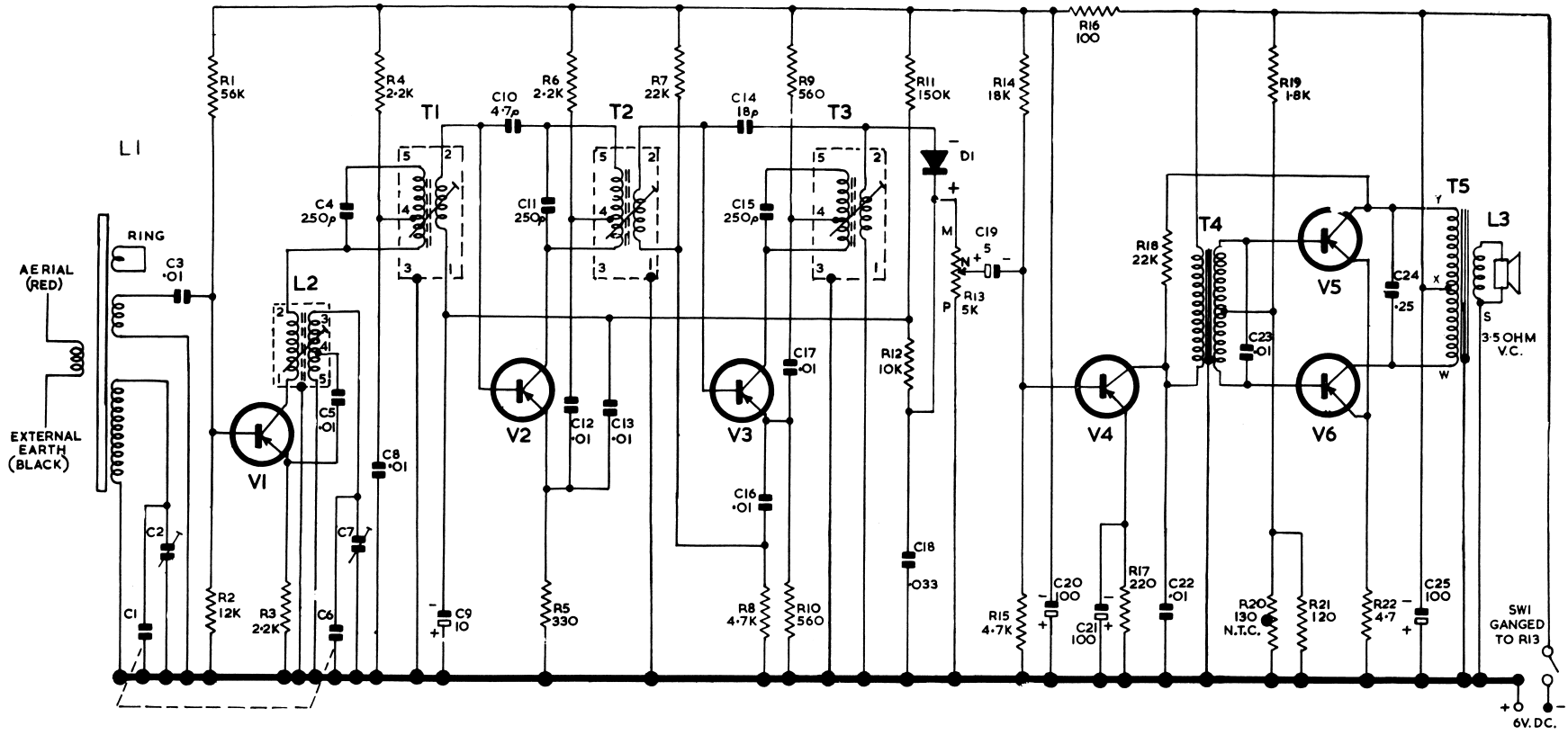
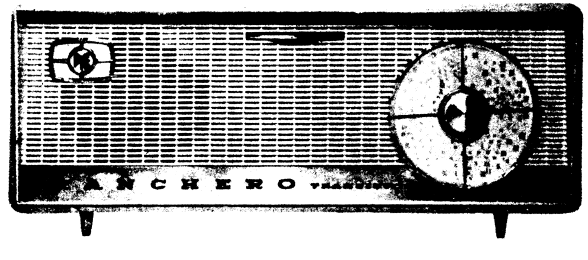

L1
RING
AERIAL (RED)
EXTERNAL EARTH (BLACK)
C3 ·01
L2
C4 250p
C5 ·01
C1
C2
V1
R1 56K
R2 12K
R3 2·2K
C6
C7
C8 ·01
R4 2·2K
T1
C9 10
C10 4·7p
R5 330
T2
R6 2·2K
C11 250p
C12 ·01
C13 ·01
V2
R7 22K
C14 18p
T3
C15 250p
C16 ·01
V3
R8 4·7K
R9 560
R10 560
C17 ·01
R11 150K
R12 10K
C18 ·033
D1
M
N
P
C19 5
R13 5K
R14 18K
R15 4·7K
C20 100
C21 100
R16 100
R17 220
C22 ·01
V4
T4
R18 22K
C23 ·01
V5
V6
T5
C24 ·25
L3
3·5 OHM V.C.
R19 1·8K
R20 130 N.T.C.
R21 120
R22 4·7
C25 100
SW1 GANGED TO R13
6V. DC.

R21-2A


ANCHERO

TRANSISTOR VOLTAGES E.T.C.

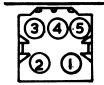
CODE	FUNCTION	TYPES A.W.V.	BASE. EMIT. VOLTAGES		COLLECTOR VOLTS	M. AMPS
V1	MIX:- OSC.	2N412 – 2N 219	- ·85	-0·8	-5·0	0·4
V2	IST I.F. AMP.	2N410 – 2N 218	- 0·3	-0·2	-4·5	0·5
V3	2ND I.F. AMP	2N410 – 2N 218	- 0·9	-0·7	-5·0	1·0
V4	A.F. DRIVER	2N408	- 1·0	-·85	-5·50	4·0
V5	P.P. OUTPUT	2N217 – 2N 408	- 0·2	-·015	- 5·95	2·0
V6	P.P. OUTPUT	2N217 – 2N 408	- 0·2	-·015	- 5·95	2·0

BASE AND EMITTER VOLTAGES TO BE WITHIN ±15 % OF THOSE GIVEN WHEN INPUT VOLTAGE IS 6 VOLTS.

MEASUREMENTS TAKEN WITH AN AVO-METER MODEL 8- 20,000 OHMS PER VOLT - NO SIGNAL INPUT - GANG FULLY MESHED. ALL MEASUREMENTS TAKEN TO CHASSIS.

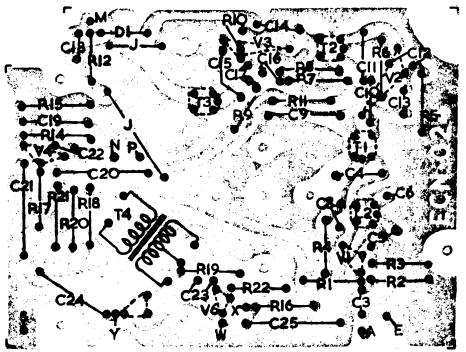
DO NOT MAKE CONTINUITY TESTS WITH TRANSISTORS IN CIRCUIT. USE A HEAT SINK, IE. A PAIR OF PLIERS, BETWEEN THE TRANSISTOR AND IRON WHEN SOLDERING A REPLACEMENT.
TRANSISTORS MAY BE PERMANENTLY DAMAGED IF THE POLARITY OF THE BATTERIES IS REVERSED.
DO NOT INTERCHANGE THE TRANSISTOR TYPES. DO NOT USE A TRANSISTOR AS A REPLACEMENT UNLESS IT IS IDENTICAL, OR HAS BEEN SPECIFIED AS A DIRECT EQUIVALENT, TO THE ORIGINAL.

I.F. TRANSFORMER CONNECTIONS



COLOUR DOT:- T1 & T2 - WHITE.
T3 - BLACK.
L2 - TAN.

PRINTED CIRCUIT BOARD

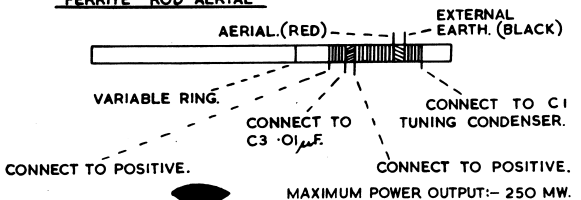


DO NOT USE:- AN IRON OVER 60W - EXCESS SOLDER - UNDUE PRESSURE. REPLACE COMPONENTS BY - WITHDRAWING SOLDER FROM THE CRIMPED LEADS WHILE LIFTING THE LEAD FROM THE FOIL BY THE INSERTION OF A KNIFE EDGE. CUT OFF THE CRIMPED SECTION AND WITHDRAW COMPONENT. OR - CUT OUT COMPONENT, UNSOLDER REMAINING TERMINATIONS AND PUSH THROUGH. REPAIR FOIL BREAKS BY - FLOWING SOLDER, OR SOLDERING TINNED COPPER WIRE ACROSS. REPLACE DAMAGED SECTIONS WITH A JUMPER OF WIRE.

MISCELLANEOUS

SPECIFICATION	PART Nº
PRINTED BOARD ASSEMBLY	EAF-176
KNOB VOLUME	ECF-129
DIAL KNOB	EAH-267
DIAL SCALE	ECP-016
BATTERY CASE	ECE-231
BATTERIES (FOUR) 1·5 VOLT (EVEREADY)	D-50
CABINET (SPECIFY COLOUR)	ECK-738
FRONT PANEL	ECK-733
BATTERY RETAINING KNOB ASSEMBLY	EAH-285

FERRITE ROD AERIAL



MAXIMUM POWER OUTPUT:- 250 MW.

PYE

R21-2A