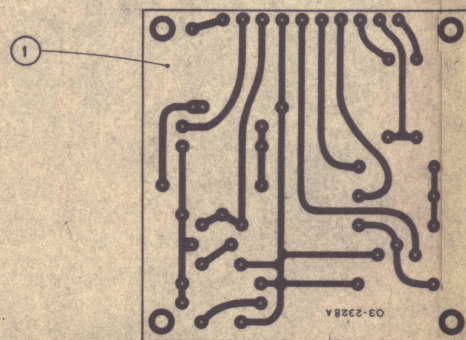
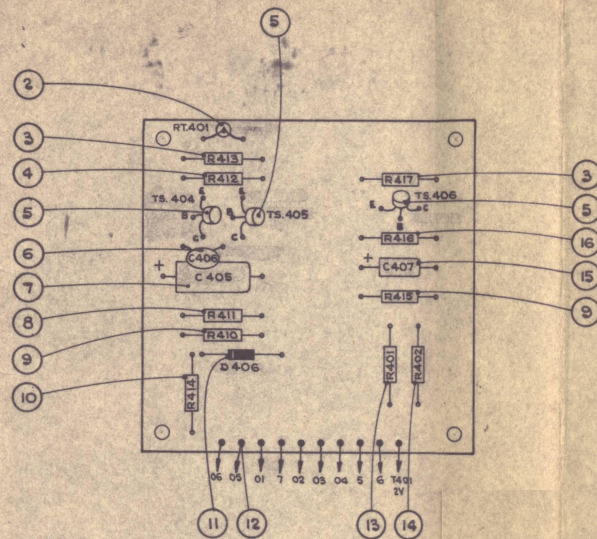


CHANGE RECORD

A 24-3-66
PART NOS FOR
ITEMS 2, 6, 8, 11
ADDED
SE2002 TRANSISTOR
WAS 2N3692



16	03-2359	1	RESISTOR, 47 K ELECTROSIL TR5		
15	03-2401	1	CAPACITOR, 6.8μF 15V TANTALUM		
14	03-2355	1	RESISTOR, 3.3 K ELECTROSIL TR5		
13	03-2379	1	" 2.2 K " "		
12	02-3244	10	C/N PIN M ^c MURDO		
11	03-2508	1	DIODE, 1N758		
10	03-2370	1	RESISTOR, 220Ω ELECTROSIL TR5		
9	03-2293	2	" 47Ω " "		
8	03-2506	1	" 22 K " "		
7	03-2400	1	CAPACITOR, 100μF 15V TANTALUM		
6	03-2504	1	" .033μF CDR CERAMIC		
5	03-2417	3	TRANSISTOR, SE2002		
4	03-2360	1	RESISTOR, 150 K ELECTROSIL TR5		
3	03-2373	2	" 82 K " "		
2	03-2509	1	THERMISTOR, S.T.C. G54		
1	03-2328 A	1	PRINTED CIRCUIT BOARD		
ITEM N ^o	PART No.	No. REQ.	MATERIAL	No. REQ.	NEXT ASSY.

ALL DIMENSIONS IN INCHES.
3RD ANGLE PROJECTION.
NOTES-UNLESS OTHERWISE STATED
FINISH-

UNSPECIFIED
TOLERANCES
DECIMALS ± .005
FRACTIONS ± 1/16
ANGLES ± 1°
SCALE- FULL SIZE

DRAWN L. LOFTUS 1-11-65
CHECK'D J. J. 1-11-65
APPR'VD. THIRKELL 18-11-65

ROLA CO. (AUSTRALIA) PTY. LTD. EQUIPMENT
D CIRCUIT BOARD ASSY.
TIMING CIRCUITS
V.M.R.
MK II A 2 B

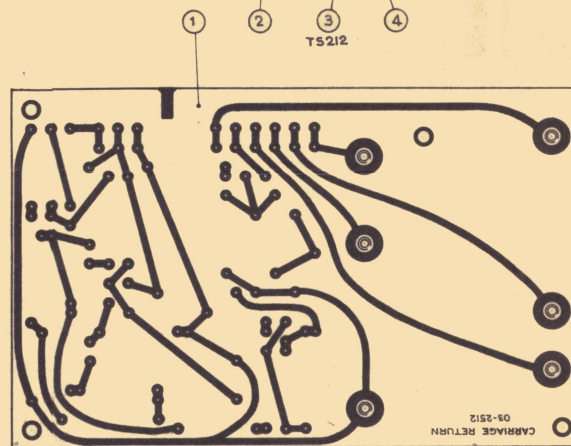
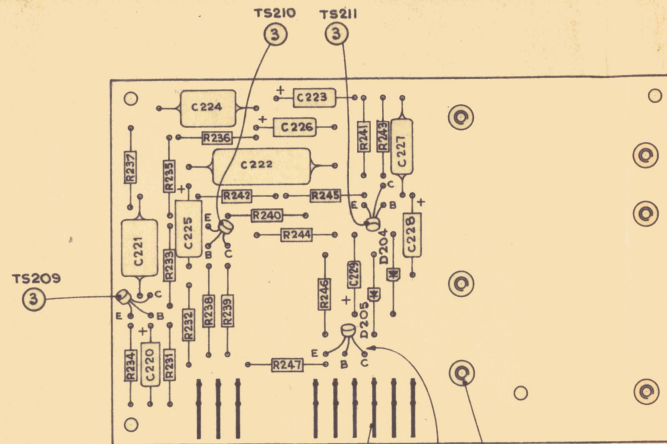
03-2345

DIVISION

A

DRG. No. ISSUE

CHANGE RECORD



R231	03-2356	1	RESISTOR, 5.6K ELECTROSIL TR5
R237	03-2505	1	" 8.2K " "
R234, 245, 247	03-2293	3	" 47Ω " "
R238	03-2510	1	" 1.8K " "
R232, 242	03-2355	2	" 3.3K " "
R244	03-2305	1	" 6.8K " "
R241	03-2299	1	" 10K " "
R235, 236, 246	03-2357	3	" 22K " "
R239	03-2365	1	" 100K " "
R240	03-2360	1	" 150K " "
R233	03-2366	1	" 270K " "
R243	03-2386	1	" 680K M COAT DMB
C221, 224	03-2273	2	CAPACITOR, .15μF 160V POLYESTER
C222	03-2413	1	" .33μF 160V "
C227	03-2412	1	" .022μF 160V "
C229	03-2394	1	" 6.8μF 6VW TANTALUM
C223	03-2395	1	" .15μF 10VW "
C220, 226	03-2390	2	" 10μF 6VW "
C228	03-2391	1	" 22μF 15VW "
C225	03-2398	1	" 100μF 6VW "
D204, 205	03-2429	2	DIODE 10D2

4	—	02-3218	6	CONTACT POST
3	TS209-212	03-2417	4	TRANSISTOR SE2002-
2	—	03-2556	1	ELCO 12 WAY CONTACTS 02-012-013-5200
1	—	03-2512	1	PRINTED CIRCUIT BOARD
ITEM N°	COMP. N°	PART N°	N° REQ	MATERIAL

ALL DIMENSIONS IN INCHES
3RD ANGLE PROJECTION
NOTES:-UNLESS OTHERWISE STATED
FINISH:-

UNSPECIFIED
TOLERANCES

DECIMALS $\pm .005$

FRACTIONS $\pm \frac{1}{64}$

ANGLES $\pm 1^\circ$

SCALE:- FULL SIZE

DRAWN

L. LOFTUS 20-1-66

CHECKED

R. FORBES 20-1-66

APPROVD

T. MCKELL 20-1-66

ROLA CO. (AUSTRALIA) PTY. LTD. EQUIPMENT DIVISION

CARRIAGE RETURN
PRINTED CIRCUIT BOARD
ASSEMBLY

03-2570

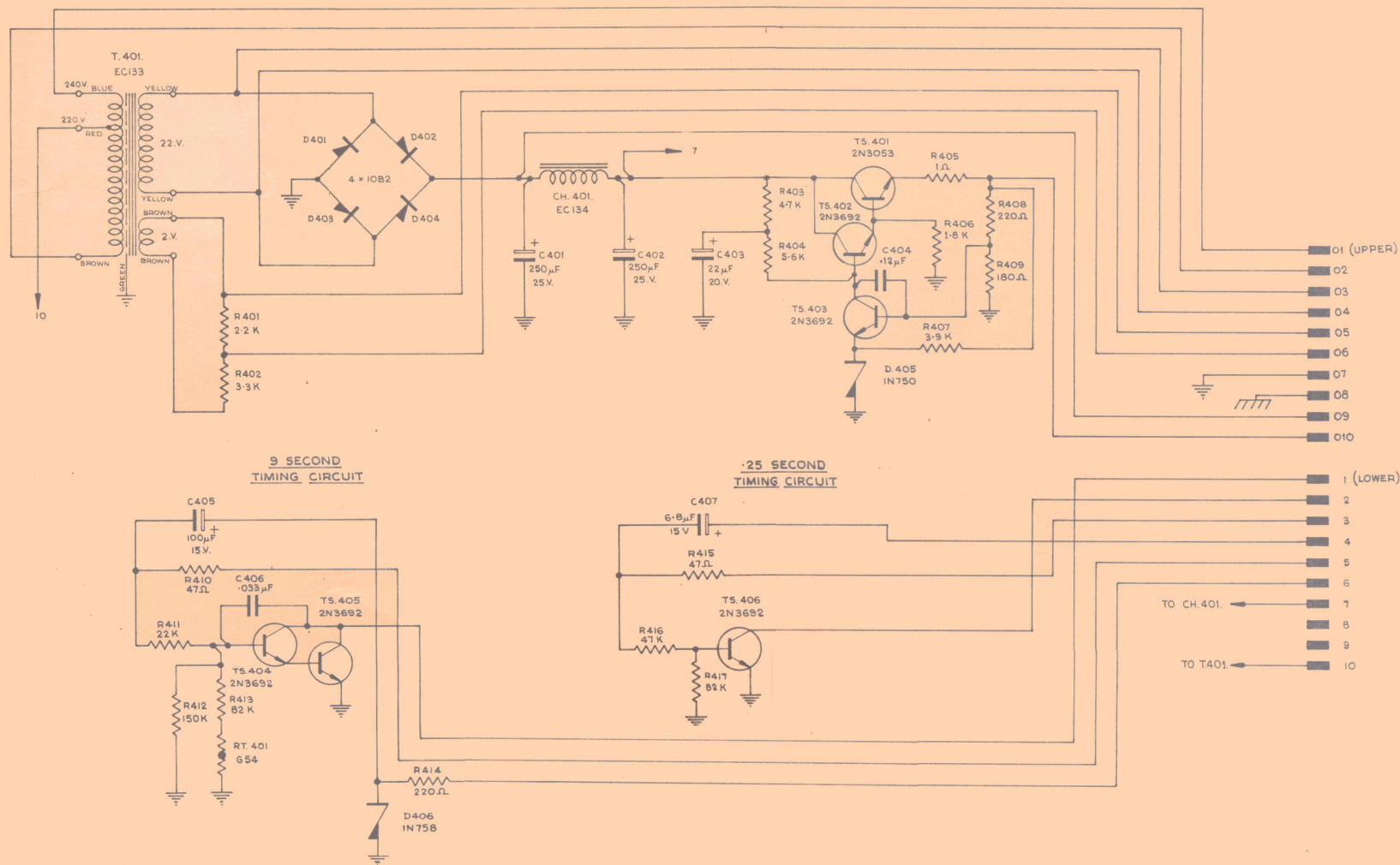
V.M.R. MK. II B.

DRG. No.

ISSUE

A PLUG NUMBERS
AMMENDED. 9-8-66

8 6-12-66
POWER TRANSF LEAD
COLOURS ADDED.
POWER TRANSF SHIELD
ADDED. 220V TAP
WAS. 200V. 22V WINDING
WAS 16V.



- 6 DEC 1966

ALL DIMENSIONS IN INCHES. 3RD ANGLE PROJECTION. NOTES:-UNLESS OTHERWISE STATED FINISH:-		UNSPECIFIED TOLERANCES		PART No.		No. REQ.		MATERIAL		SPEC.		No. REQ.		NEXT ASSY.	
		DECIMALS $\pm .005$	DRAWN	L LOFTUS	29-10-65	ROLA CO. (AUSTRALIA) PTY. LTD.				EQUIPMENT				DIVISION	
		FRACTIONS $\pm \frac{1}{16}$	CHECK'D	YJF	1-11-65	D	POWER SUPPLY V.M.R.				12-0168				B
		ANGLES $\pm \frac{1}{2}^\circ$	APPR. VD.	THIRKELL	9-11-65										
SCALE:-						SIZE				DRG. No.		ISSUE			

CHANGE RECORD

5,6 & DEFINITION
ADDED. 12-10-66

A

12-0175

EXTERNAL TERMINATIONS

- 5,6 - Unstrap to prevent local recording
- 7,24 - (24 Earthed) Audio Fail Indicator (24V, 20mA)
- 9,24 - (24 Earthed) Record Indicator (24V, 20mA)
- 11,12 - Prepare Indicator (18V, 20mA)
- 13,14 - Carriage Return N/C
- 14,16 - Carriage Return N/O
- 15,24 - (24 Earthed) Carriage Return (Momentary Make Required)
- 17,19 - Remote Record (Make contact)
- 18,20 - Audio Fail Alarm N/O } Alarm De-Energised
- 18,22 - Audio Fail Alarm N/C } for a Failure.
- 21,24 - (24 Earthed) A.C. Indicator (24V, 20mA)
- 23,24 - (24 Earthed) Start on demand & Remote Monitor
- 26 - Centre tap of output line
- 27,28 - Balanced 600 Ohm input
- 29,30 - Balanced 200 Ohm input
- 33,34 - Balanced output line
- 35,36 - Monitor Output

ALL DIMENSIONS IN INCHES.
3RD ANGLE PROJECTION.
NOTES:- UNLESS OTHERWISE STATED
FINISH:-

UNSPECIFIED
TOLERANCES
DECIMALS $\pm .005$
FRACTIONS $\pm \frac{1}{16}$
ANGLES $\pm \frac{1}{2}^\circ$

DRAWN
CHECK'D
APPR'VD.

L. LOFTUS
J. S. J.
THRELL

PART No.

No. REQ.

MATERIAL

SPEC.

No. REQ.

NEXT ASSY.

14-12-65 ROLA CO. (AUSTRALIA) PTY. LTD.

EQUIPMENT

DIVISION

E

DECK CIRCUIT

EXTERNAL TERMINATIONS.

V.M.B.

12-0175

SHEET 2 OF 2

DRG. No.

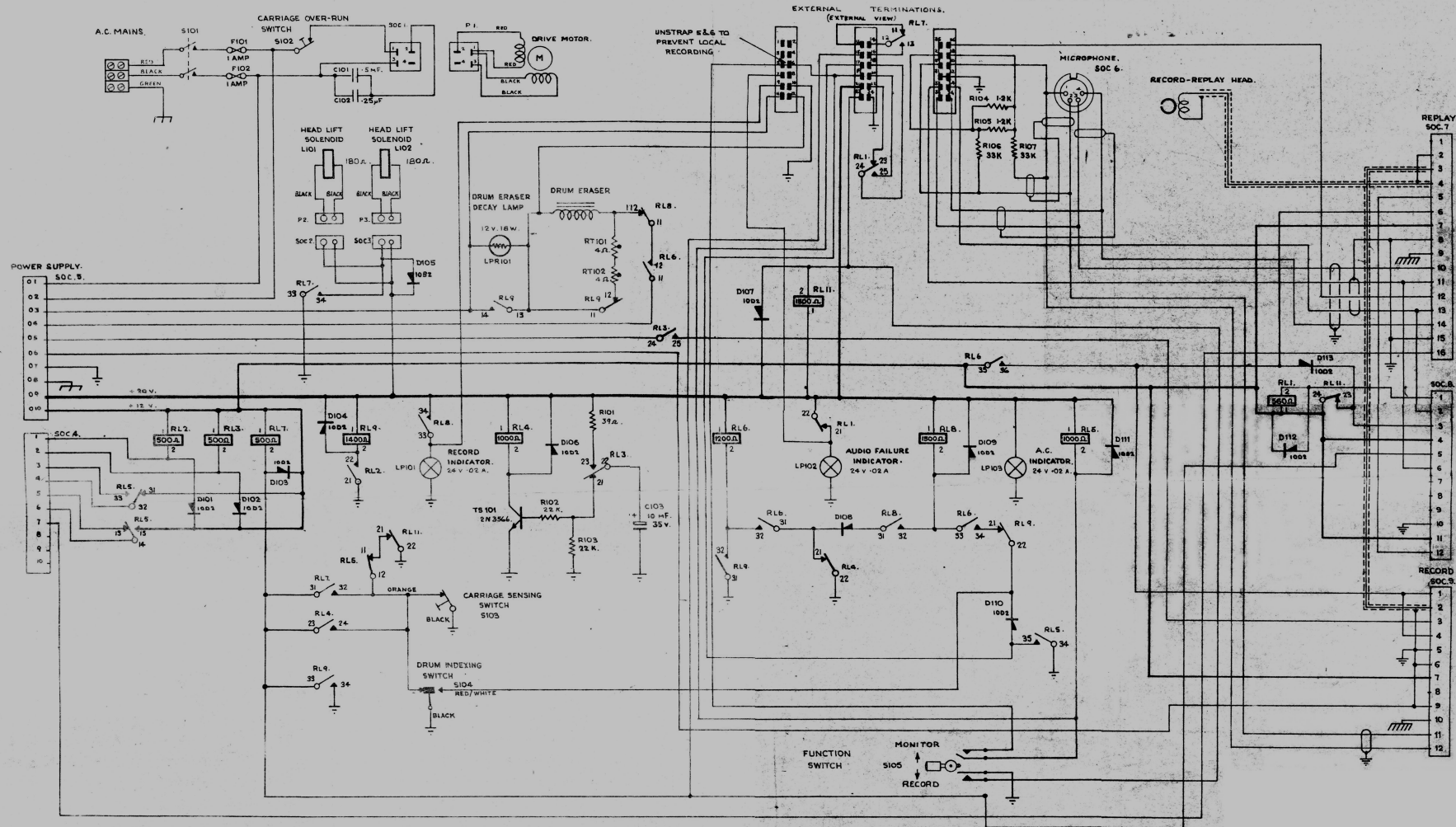
A

ISSUE

SIZE

SCALE:-

FOR EXTERNAL TERMINATIONS REFER
DRG. E-12-0175 SHEET 2



CHANGE RECORD	A	RELAY CONTACT
	B	2P'S CHANGED
	C	9-18-65
	D	RELAY CONTACTS
	E	REPLACED
	F	4-10-66
	G	LINK IN SERIES
	H	WITH 47
	I	12-10-66
	J	R106 & R107 WERE
	K	8.2 K

ALL DIMENSIONS IN INCHES
3/16" ANGLE PROJECTION
NOTES-UNLESS OTHERWISE STATED
FINISH-

UNSPECIFIED TOLERANCES
DECIMALS $\pm .005$
FRACTIONS $\pm \frac{1}{32}$
ANGLES $\pm 1^\circ$
SCALE

DRAWN L10705 12-2-66
CHECKED S.S.F. 12-2-66
APPROVED T.M. 1-3-66

ROLA CO. (AUSTRALIA) PTY. LTD. EQUIPMENT DIVISION
DECK CIRCUIT V.M.R. MK II B
12-0182 D

CHANGE RECORD

C.232 WAS 180μF

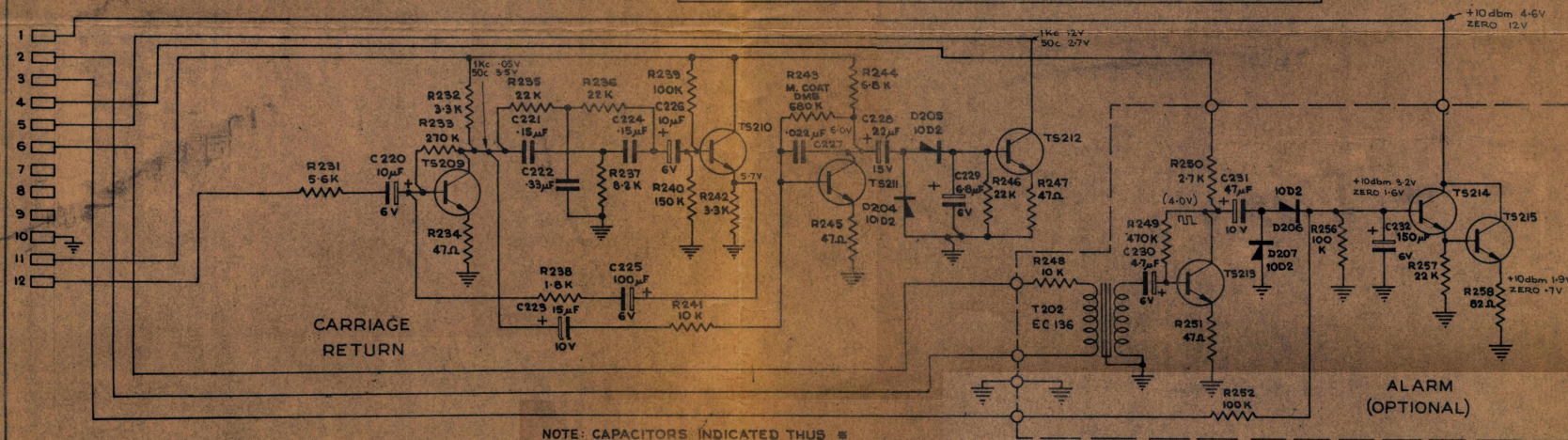
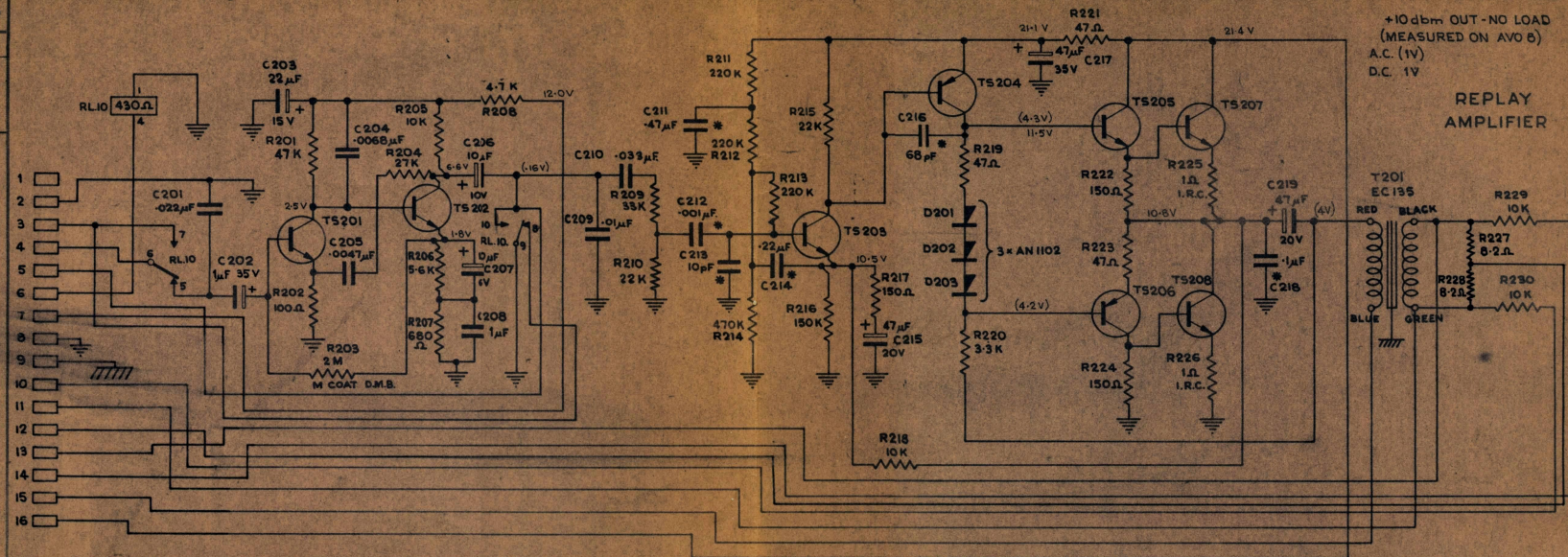
B 12-10-66

R253, R255 L R259

ELIMINATED

C232 WAS 100μF 6V

D207 WAS R254



TRANSISTORS

TS201 -5E4010	TS206 -2N3638	TS211 -5E2002
TS202 -5E2002	TS207 -2N3567	TS212 -5E2002
TS203 -2N3565	TS208 -2N3567	TS213 -5E2002
TS204 -2N3638	TS209 -5E2002	TS214 -5E2002
TS205 -2N3641	TS210 -5E2002	TS215 -5E2002

NOTE: CAPACITORS INDICATED THUS * TO BE CERAMIC TYPE

ALL DIMENSIONS IN INCHES.
3RD ANGLE PROJECTION.
NOTES: UNLESS OTHERWISE STATED
FINISH:-

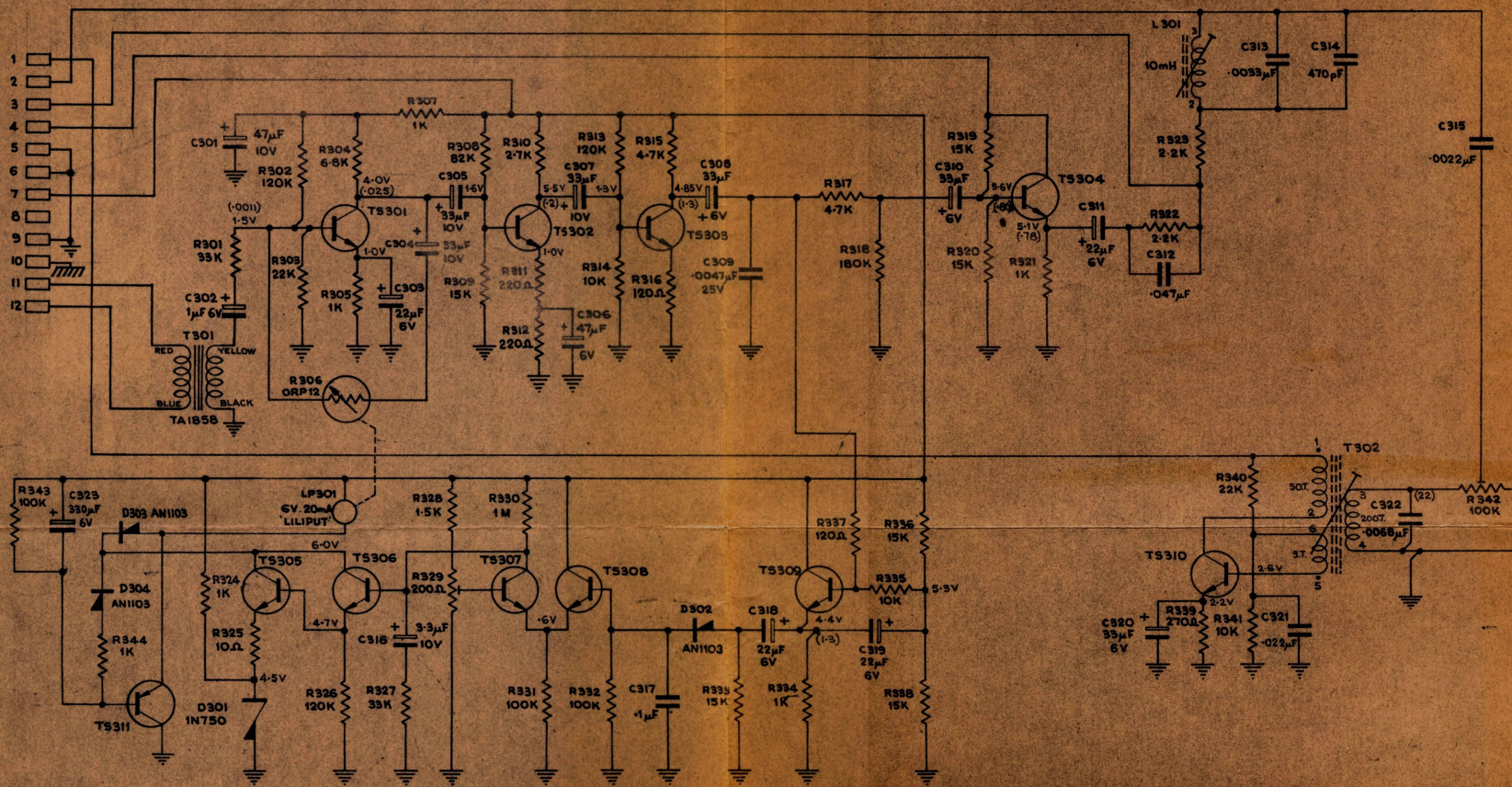
UNSPECIFIED TOLERANCES
DECIMALS $\pm .005$
FRACTIONS $\pm \frac{1}{16}$
ANGLES $\pm 1^\circ$
SCALE:-

DRAWN L. LOFTUS
CHECK'D J.S.S.
APPR'VD THURKILL
22-2-66
28-2-66
1-3-66

PART No.	No. REQ.	MATERIAL	SPEC.	No. REQ.	NEXT ASSY.
ROLA CO. (AUSTRALIA) PTY. LTD.		EQUIPMENT			DIVISION
V.M.R. MK II B REPLAY AMP CARRIAGE RETURN & ALARM SLIDE		12-0183			B
SIZE		DRG. No.			ISSUE

CHANGE RECORD

A R313 WAS 82K
R314 " 470Ω
TS311, D303, D304,
C323, R343 & R344
ADDED
28-9-66
D303 WAS AY1102



NOTE: VOLTAGES WITH 6 VOLTS
ACROSS LAMP 6.0V D.C.
(6.0) A.C.

D.C. VOLTAGES MEASURED WITH AVO 8
A.C. " " " V.T.V.M.

TRANSISTORS

TS301 - SE4010	TS306 - SE2002
TS302 - SE2002	TS307 - "
TS303 - "	TS308 - "
TS304 - "	TS309 - "
TS310 - "	TS311 - AY1104

ALL DIMENSIONS IN INCHES.
3rd ANGLE PROJECTION.
NOTES - UNLESS OTHERWISE STATED
FINISH:-

UNSPECIFIED
TOLERANCES
DECIMALS ± .005
FRACTIONS ± 1/16
ANGLES ± 1°
SCALE:-

DRAWN L. LOFTUS 22-2-66
CHECK'D G.F.F. 22-2-66
APPR'VD T.M.R. 1-3-66

ROLA CO. (AUSTRALIA) PTY. LTD. EQUIPMENT		DIVISION	
D	RECORD AMPLIFIER	12-0184	A
	V.M.R. MK II B	DRG. No.	ISSUE

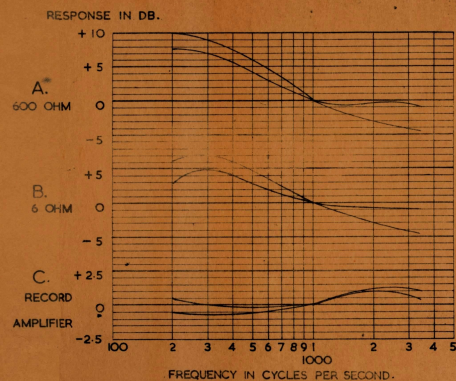


FIG 1.

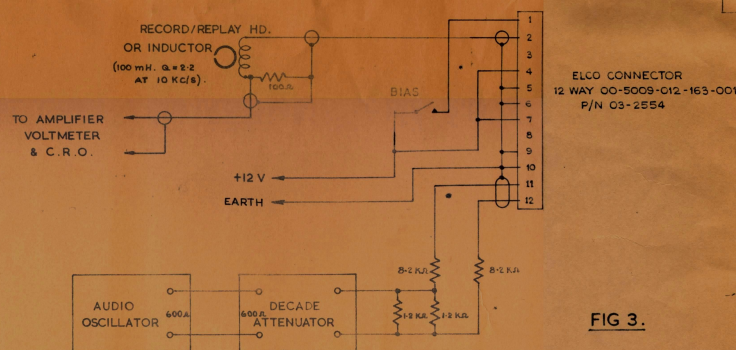


FIG 3.

NOTE. EARTH THE CENTRE AND THE CASE OF THE DECADE ATTENUATOR
TO THE EARTH OF THE AUDIO OSCILLATOR.

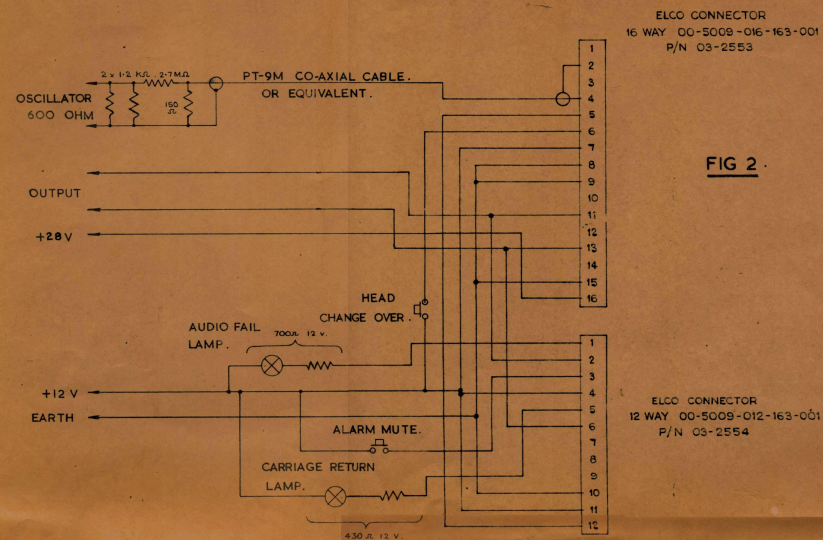


FIG 2.

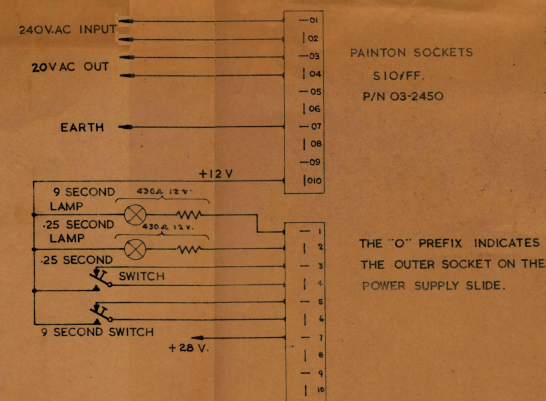


FIG 4.

CHANGE RECORD	Q.C. 60
A. 27 MAR. 1964	REVISION
B. 10 APR. 1964	REVISION
C. 10 APR. 1964	REVISION
D. 10 APR. 1964	REVISION

ALL DIMENSIONS IN INCHES	UNSPECIFIED TOLERANCES	DRAWN L. LORRA 20-2-66	ROLA CO. (AUSTRALIA) PTY. LTD.	DIVISION
3RD ANGLE PROJECTION	DECIMALS $\pm .005$	CHECK'D S. J. J. 1-3-66	SERVICING DATA	12-0188
NOTES-UNLESS OTHERWISE STATED	FRACTIONS $\pm .01$	APPROV'D T. H. KELLY 1-2-66	V.M.R.	B
FINISH-	ANGLES $\pm .1^\circ$	SCALE-	SIZE	DRG. No. ISSUE