OPERATING INSTRUCTIONS

AND COMPLETE PARTS LIST

for the famous

MONARCH

Radio

A PRODUCT of RADIO CORPORATION PTY. LTD.

Warranty

Each new Monarch Receiver is warranted by the manufacturer to be free from defects in material and workmanship under normal use and service; the obligation under this warranty being limited to making good at the Monarch factory any part or parts thereof which shall, within 12 months after delivery of such receiver to the original purchaser (but not more than 15 months from the abovementioned date of despatch from the Monarch factory), be returned to the factory with transportation charges prepaid by the original purchaser both to and from the factory, and which examination shall disclose to the manufacturer's satisfaction to have been thus defective, this warranty being expressed in lieu of all other warranties expressed or implied and of all other obligations or liabilities on the manufacturer's part, and the manufacturer neither assumes nor authorises any representative or other person to assume for him any other obligation in connection with the sale of his receivers.

This Warranty does not apply to any receiver which shall have been repaired or altered outside of the Monarch factory by any other than the authorised Dealer or Distributors in any way so as, in the manufacturer's judgment, to affect its stability or reliability nor which has been subject to misuse, negligence, or accident, nor which has had the serial number altered, defaced, or removed. Neither shall this Warranty apply to any receiver which has been connected otherwise than in accordance with the instructions furnished by the manufacturer.

No Warranty whatever is made in respect to cabinets, valves batteries, vibrators or other accessories not manufactured by the manufacturer inasmuch as they are usually warranted by their respective manufacturers.

.....of.....

Name of Purchaser. Address

has this day purchased from the undersigned the following Radio Receiver:

Model No..... Serial No.....

.....

Authorised Retailer Retailer's Address

Date.....

The

Monarch

Type D.Q.M. **Type D.Q.**

Mantel Model 158 **Console Model 159**

5 VALVE SUPERHETERODYNE BATTERYLESS RECEIVER.

For operation from a 6 volt accumulator.

INSTRUCTIONS FOR INSTALLATION, OPERATION AND SERVICE.

INTRODUCTION.

The Monarch Models 158 and 159 are 5 tube superheterodyne dual wave receivers designed for operation from a 6 v. accumulator.

The broadcast tuning range is from 550 Kc. (kilocycles) to 1650 Kc., this being the standard Broadcast band. The dial calibration is in kilocycles and all Australian stations are clearly marked.

The short wave tuning range extends from 7 mc. (megacycles) to 22 mc., covering all the important short wave bands. The dial is calibrated in megacycles and the short wave bands are also marked with the corresponding wave length in Metres (M.).

INSTALLATION.

Antenna:

The receiver is designed to give good results with an indoor aerial. However, for best results particularly on distant stations an outside aerial approximately 50 to 100 feet long, including lead-in, is recommended. It should be as high as possible, and as far from surrounding objects as is practicable. For minimum interference it should be at right angles to Electric tram and train lines, incoming power lines, and other electrical apparatus which may be in the vicinity. Connect the aerial to the terminal marked "A" on chassis.

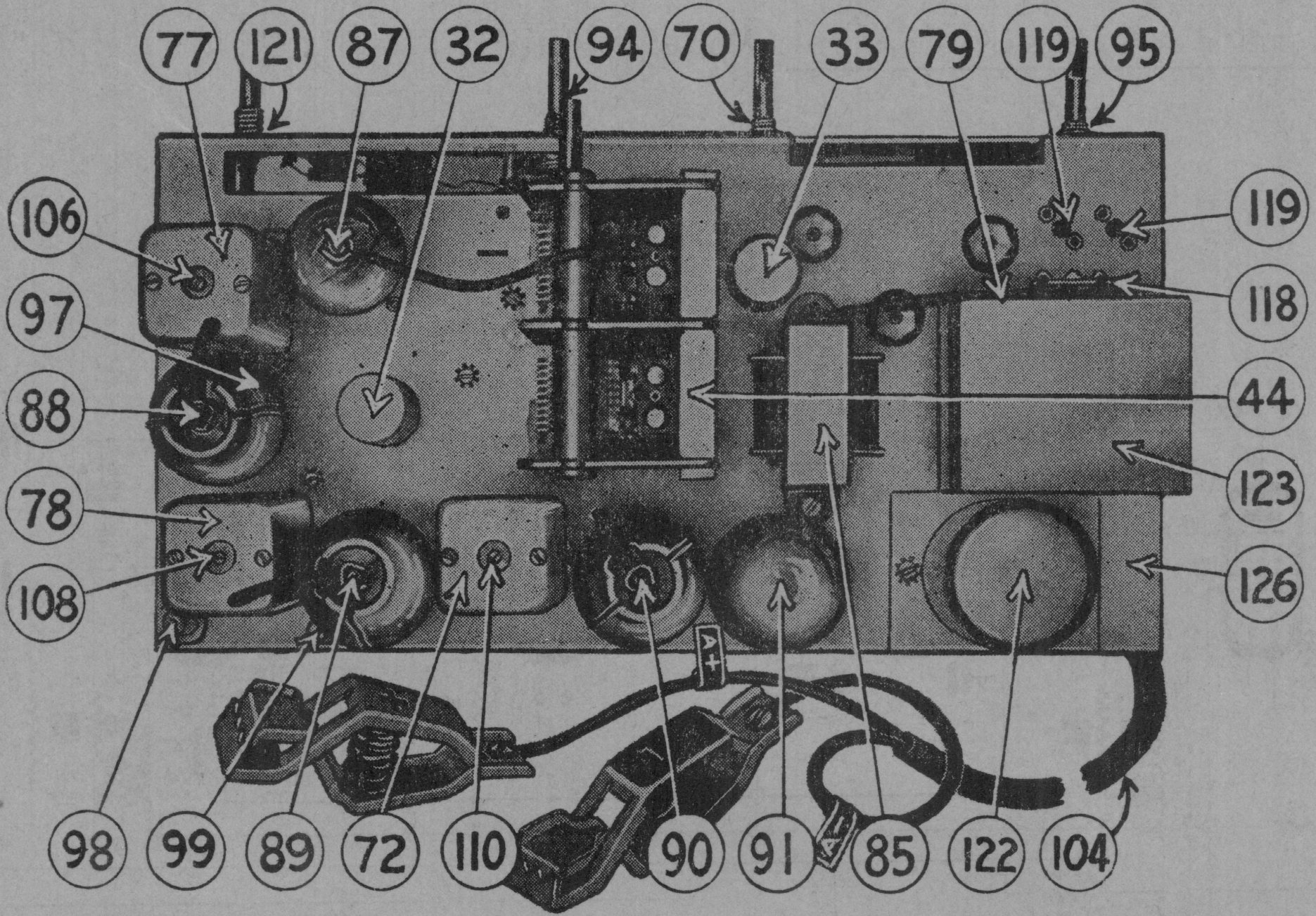
Earth:

Improved results can usually be obtained by using an efficient earth. Any one of the following suggested methods will be found satisfactory providing the lead in is kept as short as possible.

A good connection soldered or firmly clamped to a water pipe, an earth lead soldered to a length of pipe driven deep into the ground or to a piece of galvanized iron sheet buried in moist soil. Connect earth lead to terminal marked "E" on chassis.

Accumulator:

A 6 volt accumulator is the only battery required, and it supplies all current for A, B and C requirements. A recommended size is 120 amp/hour.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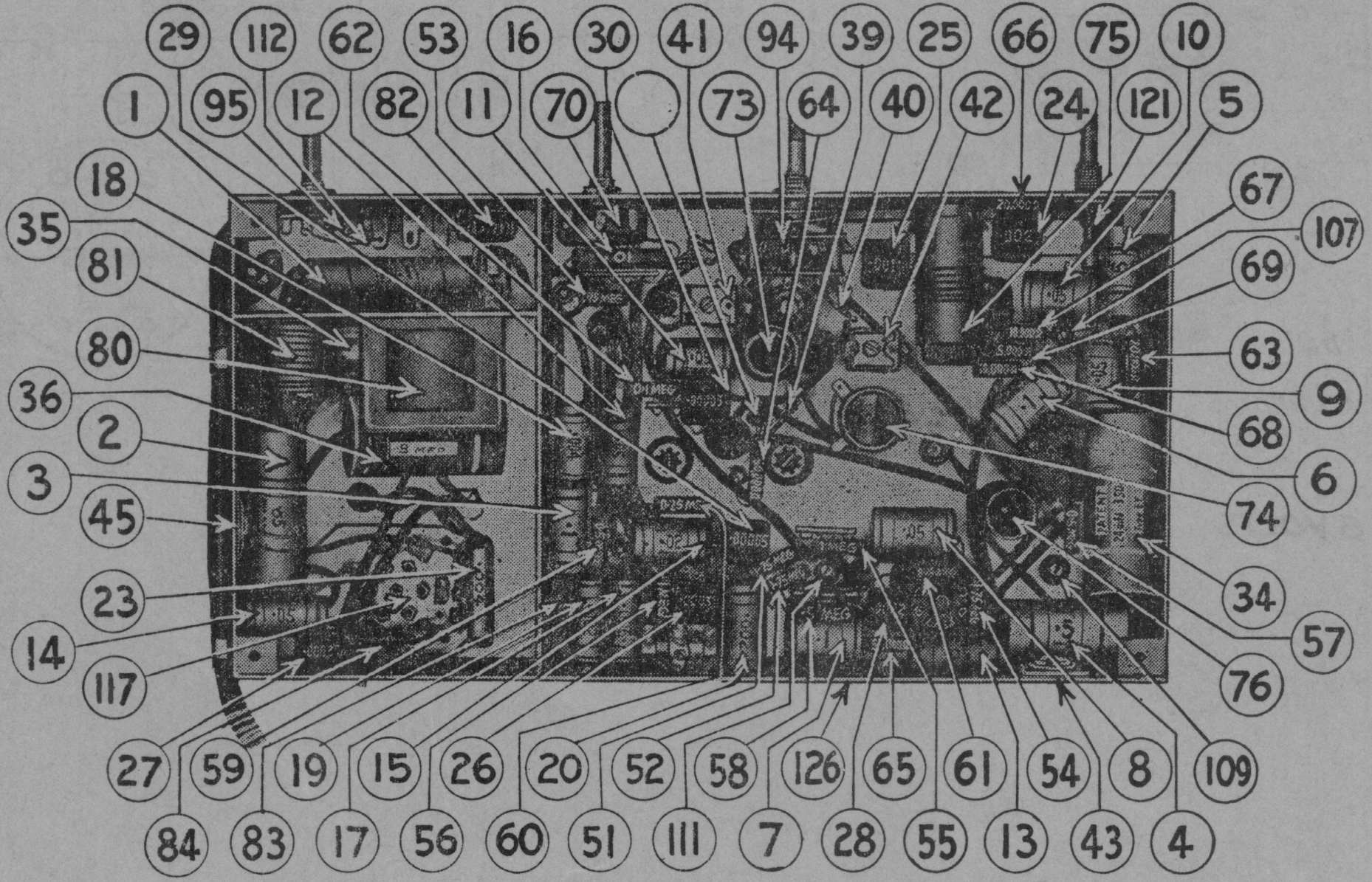
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No.	Part Name	Rating	Tol.	Spec. No.	Part No.
23.	.004 mfd Mica Condenser.	2000V	10%		PC143
24.	.002 mfd Mica Condenser.	1000V	5%		PC311
25.	.001 mfd Mica Condenser.	1000V	10%		PC108
26.	.0003 mfd Mica Condenser	1000V	10%		PC212
27.	.0003 mfd Mica Condenser	1000V	10%		PC212
28.	.0002 mfd Mica Condenser	1000V	10%		PC124
29.	.00005 mfd Mica Condenser	1000V	10%		PC141
30.	.00005 mfd Mica Condenser	1000V	10%		PC141
31.					
32.	500 mfd Electrolytic Condenser	12VP	20%		PC295
33.	500 mfd Electrolytic Condenser	12VP	20%		PC295
34.	24 mfd Electrolytic Condenser	350VP	20%		PC276
35.	16 mfd Electrolytic Condenser	350VP	20%		PC275
36.	8 mfd Electrolytic Condenser	350VP	20%		PC280
37.					
38.	15 mmfd W.W. Bifilar Cond		5%	759	PC196
39.	Oscillator Trimmer W.W. (B/Cast)			1269	PC367
40.	Oscillator Trimmer W.W. (S/Wave)			1269	PC367
41.	Antenna Trimmer (B/Cast)			858	PC250
42.	Antenna Trimmer (S/wave)			847	PC224
43.	Variable Series Pad Cond. (B/Cast)			710	PC164
44.	2 Gang Variable Condenser			996	PC292
45.	Hash Plate Condenser. . .				PC214
46.	Mica Strip	29/216			
47.	Hash Plate	19A/47			
48.	Holding Down Plate . . .	19B/47			
49.					
50.					
51.	1.75 Megohm Carbon Resistor	½ watt	10%		PR248
52.	1.75 Megohm Carbon Resistor	½ watt	10%		PR248
53.	1.75 Megohm Carbon Resistor	½ watt	10%		PR248
54.	1.75 Megohm Carbon Resistor	½ watt	10%		PR248
55.	1 Megohm Carbon Resistor	½ watt	10%		PR246
56.	1 Megohm Carbon Resistor	½ watt	10%		PR246
57.	500,000 ohm Carbon Resistor	½ watt	10%		PR245
58.	500,000 ohm Carbon Resistor	½ watt	10%		PR245
59.	500,000 ohm Carbon Resistor	½ watt	10%		PR245

No.	Part Name	Rating	Tol.	Spec. No.	Part No.
60.	250,000 ohm Carbon Resistor	½ watt	10%		PR249
61.	250,000 ohm Carbon Resistor	½ watt	10%		PR249
62.	100,000 ohm Carbon Resistor	½ watt	10%		PR103
63.	70,000 ohm Carbon Resistor	½ watt	10%		PR256
64.	50,000 ohm Carbon Resistor	½ watt	10%		PR160
65.	50,000 ohm Carbon Resistor	½ watt	10%		PR160
66.	20,000 ohm Carbon Resistor	½ watt	10%		PR166
67.	10,000 ohm Carbon Resistor	½ watt	10%		PR164
68.	10,000 ohm Carbon Resistor	½ watt	10%		PR164
69.	5000 ohm Carbon Resistor	½ watt	10%		PR250
70.	500,000 ohm Volume Control			1267	PR372
71.					
72.	3rd I.F. Transformer			1206	PT387
73.	Antenna Transformer (B/Cast)			1201	PT381
74.	Antenna Transformer (S/Wave)			1204	PT384
75.	Oscillator Transformer (B/Cast)			1262	PT414
76.	Oscillator Transformer (S/Wave)			964	PT235
77.	1st I.F. Transformer			1205	PT386
78.	2nd I.F. Transformer			1205	PT386
79.	Power Transformer			654	PT110
80.	Filter Choke (500 ohms)			657	PT108
81.	Hash Choke			662	PT111
82.	Midget Hash Choke			1293	PT439
83.	RF Choke ("B" Supply)			664	PT109
84.	RF Choke ("B" Supply)			664	PT109
85.	Filter Choke (Filament Supply)			656	PT112
86.					
87.	Type 1C7-G Tube				PM201
88.	Type 1M5-G Tube				PM629
89.	Type 1M5-G Tube				PM629
90.	Type 1K7-G Tube.				PM285
91.	Type 1L5-G Tube				PM630
92.					
93	8 Pin Midget Sockets			1177	PM532
94.	Wave Change Switch			1297	PM635
95.	Tone Control and Battery Switch			877	PM279
96.	6 Pin Synchronous Vibrator				PM413

No.	Part Name	Rating	Tol.	Spec. No.	Part No.
97.	Valve Shields (3) (Goat Type)				PM217
98.	Aerial Terminal				PM306
99.	Earth Terminal				PM306
100.	Pilot Lamps (2)	6.3V .3A		834	PM140 DQ
	Pilot Lamp	6.3V .3A		834	PM140 DQM
101.	Short Wave Indicator Lamp	6.3V .3A		834	PM140 DQ
102.	Permanent Magnet Dynamic Speaker 15,000 ohm Input			1295	PM633 DQ
	Permanent Magnet Dynamic Speaker 15,000 ohm Input			1294	PM631 DQM
103.	4 Pin Amphenol Socket				PM125
104.	Battery Cable			868	PM270
105.	Dial Light Switch				PM395
106.	1st IF Primary Adj. Screw				
107.	1st IF Secondary Adj. Screw				
108.	2nd IF Primary Adj. Screw				
109.	2nd IF Secondary Adj. Screw				
110.	3rd IF Primary Adj. Screw				
111.	3rd IF Secondary Adj. Screw				
112.	Fuse				
113.					
114.					
115.					
116.					

MECHANICAL PARTS

No.	Part Name	Dwg. No.	File No.
117.	6 Pin Vibrator Socket	A102/58	
118.	Junction Strips (9)	A103/509	
119.	1 Pin Sockets (3)		
	Bottom Plate	18/96	
	Top Plate	19/96	
	Contact	15/58-2	
120.	Dial Drum Assy	A134/87	
121.	Dial Drive Spindle Assy.	A103/284	
122.	Vibrator Cover Can	21/47	
123.	Power Transformer Can Lid	11/295-2	
124.	Battery Clip positive—Red.	3/245-1	
125.	Battery Clip Negative — Black	3/245-2	
126.	Metal Chassis	A101/295	
127.	Hash Shield Cover Plate	A104/295	
128.	Valve Shield Earth Clips (3)	22/30C	
129.	Brackets–Condenser Mounting	26/281	
130.	Rubber Grommets — Soft Rubber (11)	64/30A	
131.	Alignment Tool	PM581	

No.	Part Name.	Drawing No.	File No.
133.	Instruction Booklet		15/278
134.	IF Coupling Shield		2/215
135.	S/W Indicator Lamp Socket		A102/231
136.	S/W Indicator Lamp Cover		23/281
137.	Terminal Post Assy (3)		113/246

MECHANICAL PARTS CONSOLE "D.Q."

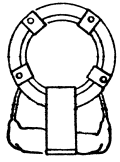
	Dial Reading—Glass	3/281
	Diffuser Plate—Glass	12/285
	Dial Frame Assy.	A106/285
	Dial Pointer Assy.	A104/285
	4 Pin Amphenol Socket Cover	216/224
	Dial Pointer Slider Bar	22/285
	Control Extensions (4)	6/281
	Control Knobs (4)	53/81
	Control Knob Springs (4)	17/81
	Console Cabinet	M41
	Chassis Mounting Foot L.H.	A103/215-1
	Chassis Mounting Foot R.H.	A103/215-2
	Pilot Lamp Socket and Bracket Assy. (2)	A103/295

MECHANICAL PARTS MANTEL "D.Q.M."

	Dial Reading — Glass	12/284
	Diffuser Plate — Glass	4/284
	Dial Frame Assy.	A105/284
	Dial Pointer Assy.	A109/281
	Dial Pointer Slider Bar	22/285
	Control Extensions (2)	44/81
	Control Extensions (2)	63/244
	Control Knobs (4) less buttons and springs	40/81-1
	Control Knob Springs (4)	42/81
	Control Knob Button Tuning	47/81A
	Control Knob Button Tone	
	Control Knob Button Volume	47/81B
	Control Knob Button Wave Change	47/81D
	Cabinet	24/216-2
	Cabinet Escutcheon	15/244
	Cabinet Front Bars (2)	11/81
	Studs Speaker Mounting	5/216
	Chassis — Cabinet Mounting Screws (4)	17/79
	Cabinet Strengthening Bar	71/47
	Dial Lamp Socket Assy.	A103/231
	Dial Lamp Socket and Bracket Assy.	A102/295

SUBJECT—Coil and IF. Transformer Connections—Models "DQ", "DQM", "DQP" and "DQQ".

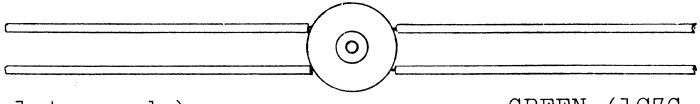
AVC. EARTH



(Outside secondary) GRID ANTENNA (Inside primary)

ANT. TRANS. B/CAST.

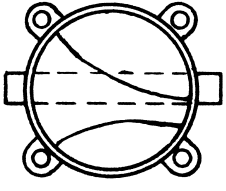
(Padder cond.) RED BLACK (Padder cond.)



(1C7G Oscl. plate cond.) GREEN (1C7G oscl. grid)

OSCL. COIL B/CAST.

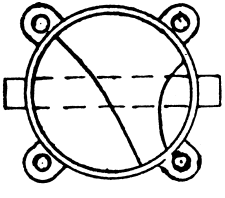
GRID ANTENNA



AVC. EARTH

ANT. TRANS. B/CAST.

GRID PLATE



SERIES PAD SERIES PAD

OSCL. COIL S/WAVE.

SUBJECT—Technical Specifications—Receiver type "DQ", "DQM", "DQP", "DQQ".

Tube Complement:— Type 1C7G Converter.
Type 1M5G IF. Amplifier.
Type 1M5G IF. Amplifier.
Type 1K7G 1st Audio, AVC., and Detector.
Type 1L5G Power Output Amplifier.

Intermediate Frequency:— 455 Kcs.

Tuning Range:— Broadcast 540 Kcs. (Kilocycles) to 1640 Kcs.
555 M. (Meters) to 182.9 M.
Shortwave 7 Mcs. (Megacycles) to 22 Mcs.
43 M. (Meters) to 13.6 M.

Calibration:— Straight Line Frequency.

Battery Supply:— 6 Volt Accumulator.

Battery Consumption:— 1.25 Amps (does not include dial lamps).

Power Output:— .5 Watt (undistorted).

Vibrator:— Self Rectifying, Synchronous Type.

General Description:—

The Console Model "DQ" and Mantel Models "DQM", "DQP" and "DQQ" are 5 tube dual wave superheterodyne receivers designed to operate from a 6 volt accumulator.

The overall sensitivity is 5 microvolts on broadcast and 20 microvolts on shortwave for 50 milliwatts output with a load impedance of 15,000 ohms.

The circuit consists of a pentagrid converter, two IF. stages, a duo diode pentode driver stage followed by a power output amplifier.

Full AVC. developed across resistors (circuit numbers 52 and 55) is applied to the converter stage on broadcast only. Approximately two-thirds AVC. is applied to the two IF. stages on both bands.

Inverse feedback and bass boost is applied through the path provided by resistor (circuit number 56) and condenser (20).

The tone control which is combined with the battery switch operates in the grid circuit of the output tube and comprises circuit components 17, 19 and 95.

The filaments of the tubes are wired across the 6 volt supply in a series parallel circuit which provides maximum protection for the remaining tubes in the event of a filament open circuiting. Bias is determined by the position of the tube in the filament circuit.

High tension is supplied from a 6 volt synchronous self rectifying vibrator in conjunction with a transformer (circuit number 79) and a 6 volt accumulator.

FOR THE SERVICE MAN

I.F. = 455 Kc. Broadcast Coverage is from 1650 Kc. to 540 Kc.

Short Wave Coverage is from 22.00 mc. to .7 mc.

Alignment Procedure.

Set the dial pointer at the end of the dial reading near 550 Kc.

Oper	Generator Connection.	Freq.	Dummy Capacity.	Instructions.	Padder Adjust
1.	To grid of 1C7G	455 Kc.	.01 mica cond. in series with generator.	Gang plates full in Leave grid cap on.	106, 107 108, 109, 110, 111 (Note)
2.	To antenna terminal	1400 Kc.	200 uuf dummy	Set dial pointer on 1400 Kc.	39, 41,
3.	To antenna terminal Turn Switch to S/W Band.	600 Kc.	200 uuf dummy	Rock gang to and fro while adjusting for max. output.	43,
4.	To antenna terminal	22.00 m/c.	400 ohm dummy	Set pointer at 22.00 m/c.	40,
5.	To antenna terminal	18 m/c.	400 ohm dummy	Set pointer at 18 m/c	40, 42,

NOTE.—Do not use a screwdriver or aligning tool with an iron point for aligning IF trans. A special tool, PM581 is obtainable from the factory, or failing this, an insulated rod with small brass blade may be used

INSTALLATION HINTS

Indifferent performance of a radio receiver is often due to indifferent installation and operation in the home. A little time spent on your receiver, when installing and operating is a safeguard against noisy or inferior reception. The following hints are included to aid you in getting the best from your receiver.

1. HIGH BACKGROUND NOISE OR HISS ON STATIONS.

This effect can be due to lack of, or inefficient aerial. An aerial, as described on page 1 is recommended for localities outside of the suburban area and a reasonable indoor aerial for suburban areas if an outdoor aerial is impracticable. The effect is to increase the signal pickup and lift the signal out of the background noise.

2. HIGH HISS LEVEL AND DISTORTION.

Poor reception of this type is often due to inaccurate tuning, especially when the receiver has a high degree of selectivity. One method is to tune by the background noise which will be at its minimum when the receiver is accurately tuned to the centre of the station.

3. ELECTRICAL INTERFERENCE.

An intermittent crackle can be caused by faulty electric light globes, loose contacts in mains plugs or sockets, or faulty electrical appliances such as vacuum cleaners, etc. Try removing all globes and plugs one at a time and inspect the contacts before replacing. If signs of arcing are noticed the faulty part should be renewed. Try the receiver in another building and if the trouble ceases, have the house wiring checked for intermittent connections.

4. TONE.

Do not place the receiver flush against the wall but leave a small space. Avoid placing near soft hangings or curtains as these can impair the tone.

W. 15-278. 225 Bks. 10-41

RADIO CORPORATION PTY. LTD.

NEW YORK:
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LONDON:
7 Howard Road, Walthamstow.

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Asbestos House, 65 York Street, Sydney.
Service Stn.: 55 Dowling Street, East Sydney.

WESTERN AUSTRALIA:
905 Hay Street, Perth.

SOUTH AUSTRALIA:
55 Flinders Street, Adelaide.
86 Collins Street, Hobart.

TASMANIA:
96 St. John Street, Launceston.

QUEENSLAND:
802 Ann Street, Brisbane.

SUBJECT—Summary of Changes Made During the Production of these Receivers Models "DQ", "DQM", "DQP" and "DQQ".

Circuit No. 38:— 15MMFD. wire wound cond. changed to 20MMFD. to improve peaking position of B/cast. oscl. trimmer PC367.

Circuit Nos. 39 and 40:— Wire wound trimmers PC367 on B/cast. and S/wave. oscillator coils changed to improved trimmer PC663. 0—30MMFD. Wire wound cond. circuit No. 38 not required when using PC663.

Circuit No. 32:— A 400MFD. electrolytic cond. part No. PC385 was used in place of the 500MFD. circuit No. 32. The other 500MFD. electrolytic circuit No. 33 must remain 500MFD.

1.5 megohm resistors part No. PR388 were used in place of 1.75 when 1.75 were not obtainable.

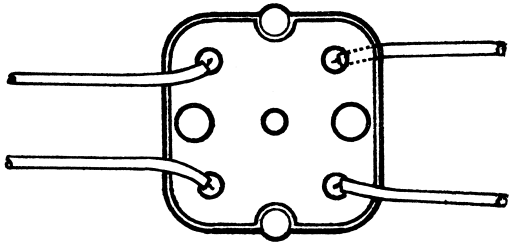
A 10MMFD. silvered mica cond. part No. PC307 was wired across the S/wave. aerial coil trimmer on one production run to improve the peaking position.

Dial lamps and dial lamp switch used on these models were deleted during the war years.

SUBJECT—Coil and IF. Transformer Connections-Models "DQ" "DQM", "DQP" and "DQQ"

(Grid return) BLACK

GREEN (1M5G grid)



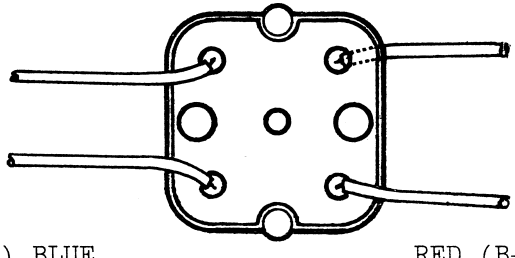
(1C7G plate) BLUE

RED (Junction of circuit numbers 9 and 69)

1ST IF. TRANS.

(Grid return) BLACK

GREEN (1M5G grid)



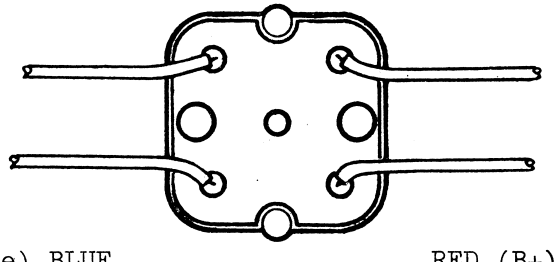
(1M5G plate) BLUE

RED (B+)

2ND IF. TRANS.

(Diode return) BLACK

GREEN (1K7G diode)



(1M5G plate) BLUE

RED (B+)

3RD IF. TRANS.

SUBJECT—Alignment Procedure—Models "DQ", "DQM", "DQP" and "DQQ".

Equipment:—

Signal Generator.
Dummy Antenna:—
.01MFD. Mica Capacitor.
.0002MFD. Mica Capacitor.
400 Ohm Non-Inductive Resistor.
Output Meter.
Alignment Tool.

Alignment Conditions:—

Load Impedance — 15,000 Ohms.
Output Level — 50 Milliwatts.
Volume Control — Full on (clockwise).
Tone Control — High Tone Position.
Battery Supply — 6 Volt Accumulator.

Alignment:—

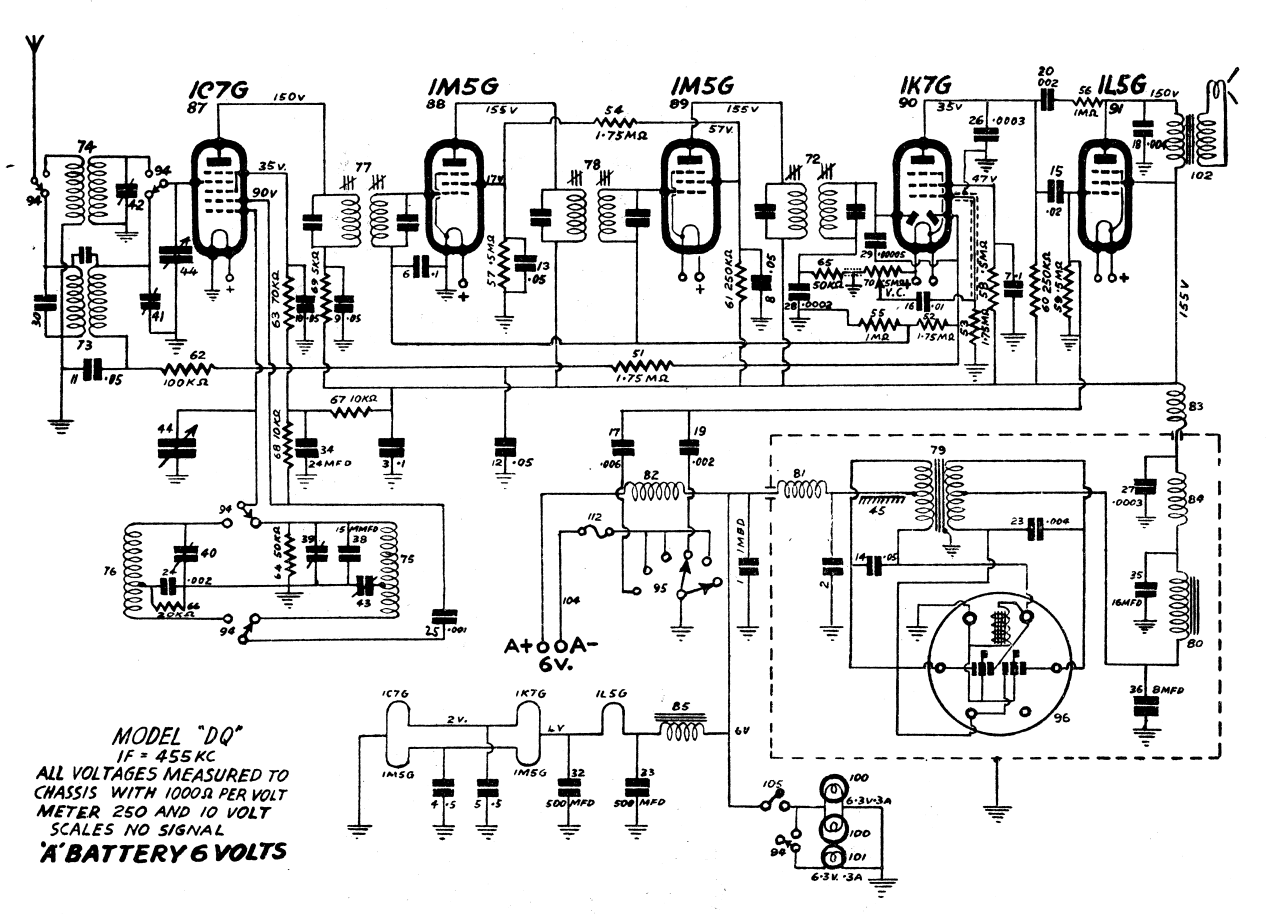
Intermediate Frequency—455 Kcs.

Do not use a screwdriver or alignment tool with an iron point for aligning IF. transformers. A special tool part number PM581 is obtainable from the factory, or failing this an insulated rod with a small brass blade may be used.

Tuning Range:—
Broadcast Band 540—1640 Kcs.
Shortwave Band 7—22 Mcs.
Set the dial pointer on the end of travel mark on the dial calibration near 550 Kcs. (condenser gang plates fully meshed).

SUBJECT—Alignment Instructions.

Operation No.	Generator Connection	Frequency	Dummy Antenna	Instructions
		Turn Wave Change Switch to Broadcast Position		
1.	To grid of 1M5G tube (circuit No. 80).	455 Kcs.	.01MFD. Mica capacitor in series with generator.	Leave grid cap on tube. Peak 3rd IF. transformer primary and secondary.
2.	To grid of 1M5G tube (circuit No. 79).	455 Kcs.	.01MFD. Mica capacitor in series with generator.	Leave grid cap on tube. Peak 2nd IF. transformer primary and secondary.
3.	To grid of 1C7G tube.	455 Kcs.	.01MFD. Mica capacitor in series with generator.	Leave grid cap on tube. Gang plates full out. Peak 1st IF. transformer primary and secondary.
4.	To antenna terminal.	1400 Kcs.	.0002MFD.Mica capacitor in series with generator.	Turn dial pointer and gang to 1400 Kcs. Adjust B/cast. oscillator trimmer for logging and peak B/cast. aerial coil trimmer.
5.	To antenna terminal.	600 Kcs.	.0002MFD.Mica capacitor in series with generator.	Turn dial pointer and gang to 600 Kcs. Peak B/cast. series padder rocking gang to and fro through the signal while adjusting.
		Turn Wave Change Switch to Shortwave Position.		
6.	To antenna terminal.	18 Mcs.	400 Ohm non-inductive resistor in series with generator.	Turn dial pointer to 18 Mcs. Adjust S/wave. oscillator trimmer for logging and peak S/wave. aerial coil trimmer.
7.	To antenna terminal.	10 Mcs.	400 Ohm non-inductive resistor in series with generator.	Check tracking.


1C7G
87
150V
1M5G
88
155V
1M5G
89
155V
1K7G
90
35V
1L5G
91
150V
MODEL "DQ"
IF = 455KC
ALL VOLTAGES MEASURED TO CHASSIS WITH 1000Ω PER VOLT METER 250 AND 10 VOLT SCALES NO SIGNAL
'A' BATTERY 6 VOLTS
A+ 0 0 A-
6V.
1C7G
1M5G
2V.
1K7G
1M5G
4V
1L5G
6V
500 MFD
500 MFD
16MFD
36 8MFD
6·3V·3A
6·3V·3A

LIST OF CALL SIGNS AND WAVE LENGTHS OF AUSTRALIAN RADIO STATIONS.

Frequency K.C.'s	Wave Length (M.)	STATION
550	545	2CR CENTRAL REGIONAL, N.S.W.
560	536	6WA SOUTH WEST REGIONAL, W.A.
570	526	2YA WELLINGTON, N.Z.
580	517	3WV WESTERN REGIONAL, VIC.
600	500	7ZL HOBART, TAS.
610	492	2FC SYDNEY, N.S.W.
620	484	3AR MELBOURNE, VIC.
630	476	4QN NORTH REGIONAL, QLD.
640	469	5CK NORTH REGIONAL, S.A.
650	463	1YA AUCKLAND, N.Z.
660	455	2DU DUBBO, N.S.W.
		7BU BURNIE, TAS.
670	448	2CO RIVERINA REGIONAL, N.S.W.
680	441	2HR SINGLETON, N.S.W.
		4AT ATHERTON, QLD.
		7QT QUEENSTOWN, TAS.
690	435	6WF PERTH, W.A. [N.S.W.
700	429	2NR NORTHERN RIVERS REGIONAL,
710	423	7NT NORTH REGIONAL, TAS.
720	417	6GF GOLDFIELDS REGIONAL, W.A.
730	411	5CL ADELAIDE, S.A.
740	405	2BL SYDNEY, N.S.W. [QLD.
760	395	4QS DARLING DOWNS REGIONAL,
770	390	3LO MELBOURNE, VIC.
780	385	2KA KATOOMBA, N.S.W.
		4TO TOWNSVILLE, QLD.
790	380	6WN PERTH, W.A.
		*2BH BROKEN HILL, N.S.W.
800	375	4QG BRISBANE, QLD.
810	370	5RM RENMARK, S.A.
830	361	3GI GIPPSLAND REGIONAL, VIC.
850	353	2CY CANBERRA, A.C.T.
860	349	4GR TOOWOOMBA, QLD.
		7HO HOBART, TAS.
870	345	2GB SYDNEY, N.S.W.
886	341	3UL WARRAGUL, VIC.
		4WK WARWICK, QLD.
		6PR PERTH, W.A.
890	337	5AN ADELAIDE, S.A.
900	333	2LM LISMORE, N.S.W.
		7AD DEVONPORT, TAS. [QLD.
910	330	4RK ROCKHAMPTON REGIONAL,
920	326	2XL COOMA, N.S.W.
		4VL CHARLEVILLE, QLD.
930	323	3UZ MELBOURNE, VIC.
940	319	4QR BRISBANE. QLD.
950	316	2UE SYDNEY, N.S.W.
960	313	5DN ADELAIDE, S.A.
970	309	3BO BENDIGO, VIC.
		4AY AYR, QLD.
980	306	2KM KEMPSEY, N.S.W.
		6AM NORTHAM, W.A.
990	303	2GZ ORANGE, N.S.W.
1000	300	4MB MARYBOROUGH, QLD.
		4CA CAIRNS, QLD.
		7EX LAUNCESTON, TAS.
1010	297	3HA HAMILTON, VIC.
1020	294	2KY SYDNEY, N.S.W.
1030	291	3DB MELBOURNE, VIC.
1040	288	5PI CRYSTAL BROOK, S.A.
1050	286	2CA CANBERRA, A.C.T.
1060	283	4SB KINGAROY, QLD.
1070	280	2RG GRIFFITH, N.S.W.
		6WB KATANNING, W.A.
1080	278	2LT LITHGOW, N.S.W.
		4RO ROCKHAMPTON, QLD.
		7HT HOBART, TAS.

Frequency K.C.'s	Wave Length (M.)	STATION
1090	275	3LK LUBECK, VIC.
1100	273	4LG LONGREACH, QLD.
		7LA LAUNCESTON, TAS.
		‡6MD MERREDIN, W.A.
1110	270	2UW SYDNEY, N.S.W.
1120	268	4BC BRISBANE, QLD.
1130	265	2AD ARMIDALE, N.S.W.
		3CS COLAC, VIC.
		6ML PERTH, W.A.
1140	263	2HD NEWCASTLE, N.S.W.
1150	261	2WG WAGGA, N.S.W.
1160	259	7ZR HOBART, TAS.
1170	256	2NZ INVERELL, N.S.W.
1180	254	3KZ MELBOURNE, VIC.
1190	252	2CH SYDNEY, N.S.W.
1200	250	5KA ADELAIDE, S.A.
1210	248	2GF GRAFTON, N.S.W.
		3YB WARRNAMBOOL, VIC.
		6KG KALGOORLIE, W.A.
1220	246	4AK OAKEY, QLD. [N.S.W.
1230	244	2NC HUNTER RIVER REGIONAL,
1240	242	3TR SALE, VIC.
		6IX PERTH, W.A.
1260	238	3SR SHEPPARTON, VIC.
1270	236	2SM SYDNEY, N.S.W.
1280	234	3AW MELBOURNE, VIC.
1290	233	4BK BRISBANE, QLD.
1300	231	2TM TAMWORTH, N.S.W.
1310	229	5AD ADELAIDE, S.A.
1320	227	3BA BALLARAT, VIC.
		6PM FREMANTLE, W.A.
1330	226	3SH SWAN HILL, VIC.
		4BU BUNDABERG, QLD.
1340	224	2LF YOUNG, N.S.W.
		6TZ DARDANUP, W.A.
1350	222	3GL GEELONG, VIC.
		‡4GY GYMPIE, QLD.
1360	221	3MA MILDURA, VIC.
		4PM PORT MORESBY
1370	219	2MO GUNNEDAH, N.S.W.
		5SE MT. GAMBIER, S.A.
		6GE GERALDTON, W.A.
1380	217	4BH BRISBANE, QLD.
1390	216	2GN GOULBURN, N.S.W.
		4MK MACKAY, QLD.
1400	214	2PK PARKES, N.S.W.
		5AU PORT AUGUSTA, S.A.
1410	213	2KO NEWCASTLE, N.S.W.
1420	211	3XY MELBOURNE, VIC.
1430	210	2WL WOLLONGONG, N.S.W.
		‡ 6KY PERTH, W.A.
1440	208	2QN DENILIQUIN, N.S.W.
		4IP IPSWICH, QLD.
1450	207	2MG MUDGEE, N.S.W.
		7DY DERBY, TAS.
1460	205	2CK CESSNOCK, N.S.W.
		5MU MURRAY BRIDGE, S.A.
1470	204	2MW MURWILLUMBAH, N.S.W.
		3CV CHARLTON, VIC.
1480	203	2AY ALBURY, N.S.W.
1490	201	2BE BEGA, N.S.W.
		4ZR ROMA, QLD.
1500	200	2BS BATHURST, N.S.W.
		3AK MELBOURNE, VIC. (Night Service Station)

* Temporary allocation—reverts to 570 Kc/s later.

‡ (Projected Station)