

COMPONENT LISTED FOR "STELLA" MODEL S-14 RECEIVER.

REFER DIAG-PRINT No. 284 ATTACHED.

CONDENSERS:

C-1	25- μ f.	Cathode by-pass condenser (output stage)
2	25- μ f.	Cathode by-pass condenser (1st audio stage)
3	2	High-tension supply filter condenser
4	25	Cathode by-pass condenser (A.F. amplifier)
5	25	Screen condenser, (1st audio stage)
6	25	A.V.C. Filter
7	25	A.V.C. Filter
8	25	Decoupling condenser, (oscillator feed)
9	25	Audio coupling condenser (1st audio stage)
10	25	Audio coupling condenser (output stage)
11	25	Fixed padding (TYPE) (A.F. band)
12	25	High-frequency audio filter (output stage)
13	25	High-frequency audio correction condenser
14	25	Tone control condenser (output stage)
15	25	High-frequency filter (1st audio stage)
16	25	"STELLA" MODEL S-14 RECEIVER.
17	25	Medium wave padding condenser
18	25	R.C. padding condenser
19	25	R.F. padding condenser
20	25	Oscillator stabilizing condenser (H.F. band)
21	25	Cathode by-pass condenser (H.F. stage)
22	25	High-tension supply filter condenser
23	25	High-tension supply filter condenser

BULLETIN NO. 135.

(TYPE)

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

COMPONENT LEGEND FOR "STELLA" MODEL S-14 RECEIVER.

REFER BLUE-PRINT No. 284 ATTACHED.

CONDENSERS:

C-1	25-mfd.	Cathode by-pass condenser (output stage)
2	25- "	Cathode by-pass condenser (1st audio stage)
3)		
4)	8 "	High-tension supply filter condensers
5	.25 "	High-tension R.F. by-pass.
6	.25 "	Audio De-coupling condenser (1st audio stage)
7	.25 "	Cathode by-pass condenser (I.F. amplifier)
8	.25 "	Screen by-pass R.F. stages
9	.1 "	Screen by-pass condenser, (1st audio stage)
10	.05 "	A.V.C. Filter
11	.05 "	A.V.C. Filter
12	.01 "	Decoupling condenser, (oscillator feed)
13	.01 "	Audio coupling condenser (1st audio stage)
14	.01 "	Audio coupling condenser (output stage)
15	.004 "	Fixed padding condenser (H.F. band)
16	.001 "	High-frequency audio filter (output stage)
17	.0005 "	High-frequency audio correction condenser
18	.00025 "	Tone control condenser (output stage)
19	.0001 "	High-frequency filter (1st audio stage)
20	.0001 "	Oscillator grid condenser
21	.0001 "	Diode load by-pass
22		Medium wave padding condenser
23	550-mmfd.	B.C.Padding condenser
24	2,000 "	S.W.Padding condenser
25	7.5-pfd.	Oscillator stabilising condenser (H.F.band)
26	.1-mfd.	Cathode by-pass condenser (R.F. stage)
T-1 to T-9 inclusive		- High-frequency alignment trimming capacitors

RESISTORS:

R-1	1-meg.	Screen dropping resistor (1st audio stage)
2	1 "	A.V.C. Filter
3	1 "	Plate load resistor (tuning indicator)
4	.5 "	Diode load resistor
5	.5 "	A.V.C. Filter
6	.25 "	Plate load resistor (1st audio stage)
7	.25 "	Audio frequency correction net-work
8	100,000-ohm.	Decoupling resistor (1st audio stage)
9	50,000 "	Oscillator grid leak
10	20,000 "	Dropping resistor, (oscillator feed)
11	15,000 "	Screen dropping resistor
12	1,000 "	Feed-back equalising resistor (M.W. band)
13	1,000 "	Feed-back equalising resistor (B.C. band)
14	3,000 "	Cathode bias resistor (1st audio stage)

R-15	600-ohm.	Cathode bias resistor (radio-frequency stage)
16	500 "	Cathode bias resistor (output stage)
17	200 "	Grid suppressor (oscillator stage)
18	150 "	Cathode bias resistor (R.F. & I.F. stages)
19	.5-megohm	(Volume control)
20	.5 "	(Tone control)

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET,
WELLINGTON C.2.

12th February, 1940.

SCHEMATIC DIAGRAM OF STELLA 7AW (MODEL S14) RECEIVER

