

TECHNICAL INFORMATION

BULLETIN NO.131

(TYPE)

"GULBRANSEN" PORTABLE BATTERY RECEIVER.

MODEL G-540.

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

COMPONENT LEGEND FOR 5-VALVE PORTABLE BATTERY RECEIVER.

CONDENSERS:

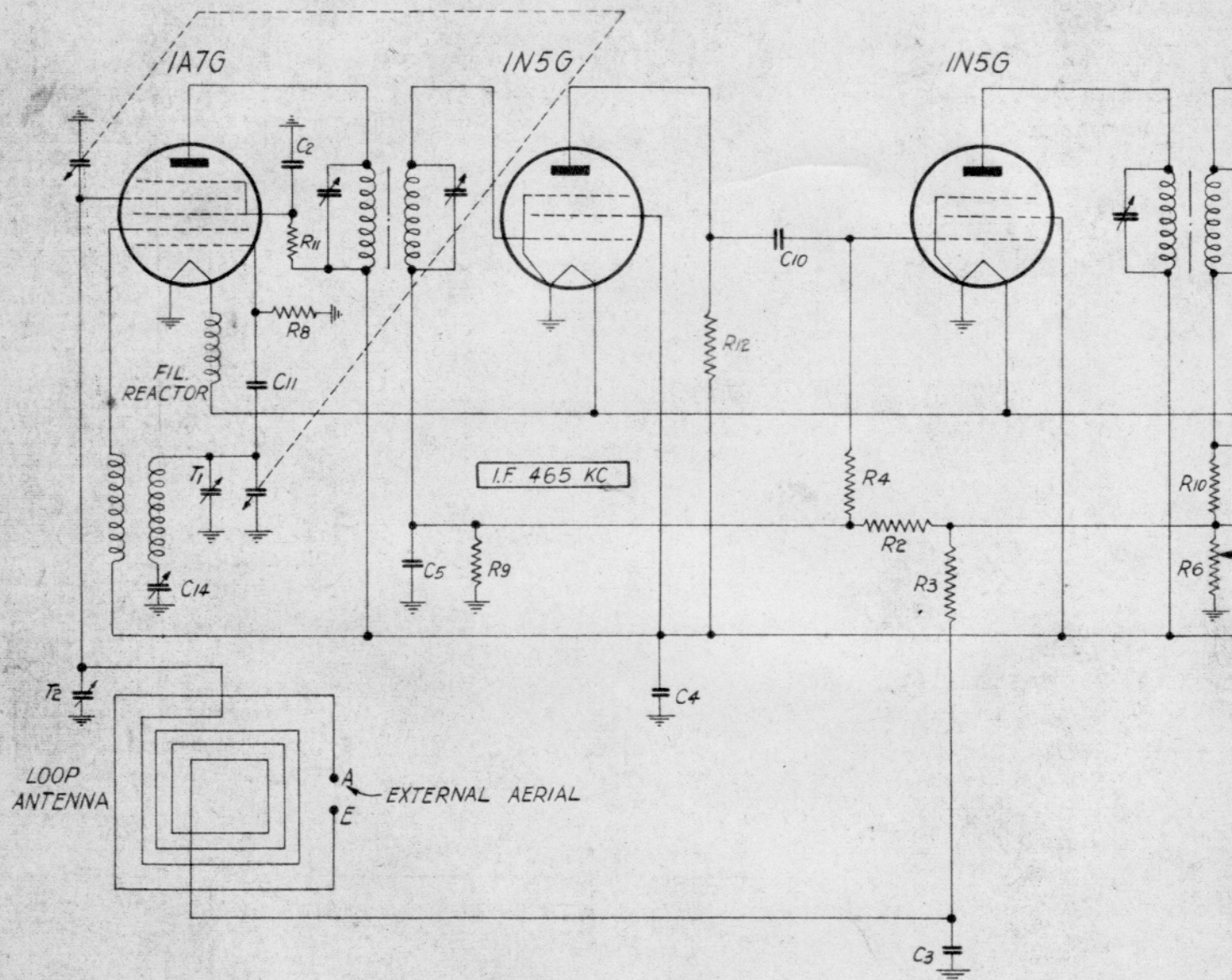
C-1	8-mfd.	H.T. By-pass
2	.1- "	Screen By-Pass (detector stage)
3	.05 "	A.V.C. Filter
4	.05 "	H.T. By-Pass
5	.05 "	A.V.C. Filter
6	.01 "	Audio Coupling Condenser
7	.01 "	Audio Coupling Condenser
8	.001 "	H.F. By-Pass (output circuit)
9	.00025 "	H.F. By-Pass (1st. audio stage)
10	.00025 "	I.F. Coupling Condenser
11	.0001 "	Grid Condenser (Oscillator)
12)	.00005 "	Diode load By-Pass Condensers
13)		
14	600-mmfd	Variable Padding Condenser
T- 1 and T- 2		H.F. Alignment Condensers

RESISTORS:

R-1	3-megohm	Audio Grid Leak
2	3 "	A.V.C. Filter
3	2 "	" "
4	2 "	I.F. Grid Leak
5	1 "	Audio Grid Leak
6	.5 "	Volume Control
7	.25 "	Plate Load Resistor, (1st. Audio Stage)
8	.25 "	Grid Leak (Oscillator)
9	.25 "	A.V.C. Bleeder
10	50,000-ohm.	H.F. Filter
11	25,000 "	Screen Dropping Resistor (mixer stage)
12	15,000 "	Plate Load resistor (1st. I.F. stage)
13	700 "	Self Bias Resistor

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET,
WELLINGTON. C.2.
14th. February, 1940.

SCHEMATIC DIAGRAM OF 5 TUBE PORTABLE B



1.F. f. 465 KC/s

RAM OF 5 TUBE PORTABLE BATTERY RECEIVER

