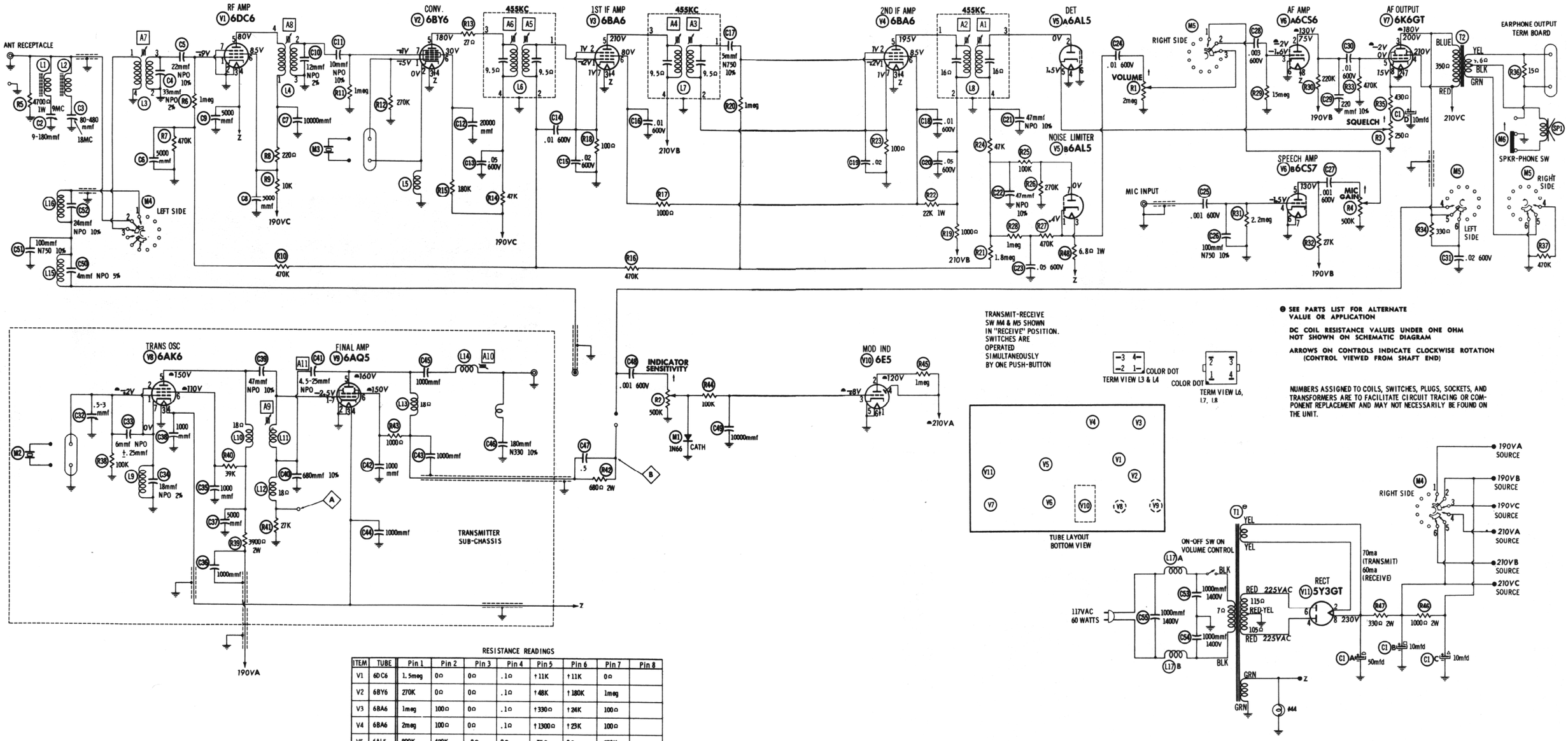

TRANSMIT-RECEIVE SW M4 & M5 SHOWN IN "RECEIVE" POSITION. SWITCHES ARE OPERATED SIMULTANEOUSLY BY ONE PUSH-BUTTON

TERM VIEW L3 & L4 — COLOR DOT

COLOR DOT — TERM VIEW L6, L7, L8

● SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

ARROWS ON CONTROLS INDICATE CLOCKWISE ROTATION (CONTROL VIEWED FROM SHAFT END)

NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

TUBE LAYOUT BOTTOM VIEW

RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
V1	6DC6	1.5meg	0Ω	0Ω	.1Ω	†11K	†11K	0Ω	
V2	6BY6	270K	0Ω	0Ω	.1Ω	†48K	†180K	1meg	
V3	6BA6	1meg	100Ω	0Ω	.1Ω	†330Ω	†24K	100Ω	
V4	6BA6	2meg	100Ω	0Ω	.1Ω	†1300Ω	†23K	100Ω	
V5	6AL5	800K	420K	.8Ω	0Ω	●75Ω	0Ω	270K	
V6	6SC7	TP	†220K	15meg	2.2meg	†28K	0Ω	0Ω	.1Ω
V7	6K6GT	TP	0Ω	†680Ω	†330Ω	470K	TP	.1Ω	980Ω
V8	6AK6	100K	0Ω	0Ω	.1Ω	◓†5200Ω	◓†44K	0Ω	
V9	6AQ5A	27K	0Ω	0Ω	.1Ω	◓†1375Ω	◓†2350Ω	27K	
V10	6E5	.1Ω	◓†1meg	100K	◓†330Ω	0Ω	0Ω		
V11	5Y3GT	TP	¶	TP	105Ω	TP	115Ω	TP	¶

ALL MEASUREMENTS MADE IN "RECEIVE" POSITION UNLESS OTHERWISE DESIGNATED.
¶ THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.
● THIS READING WILL VARY. CONTROL SET FOR NORMAL OPERATION.
◓ MEASURED IN "TRANSMIT" POSITION.
† MEASURED FROM PIN 8 OF V11.

NC NO CONNECTION
TP TIE POINT

1. DC voltage measurements taken with vacuum tube voltmeter; AC voltages measured with 1000 ohm per volt voltmeter.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common ground.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.

HALLICRAFTERS
MODEL CB-1