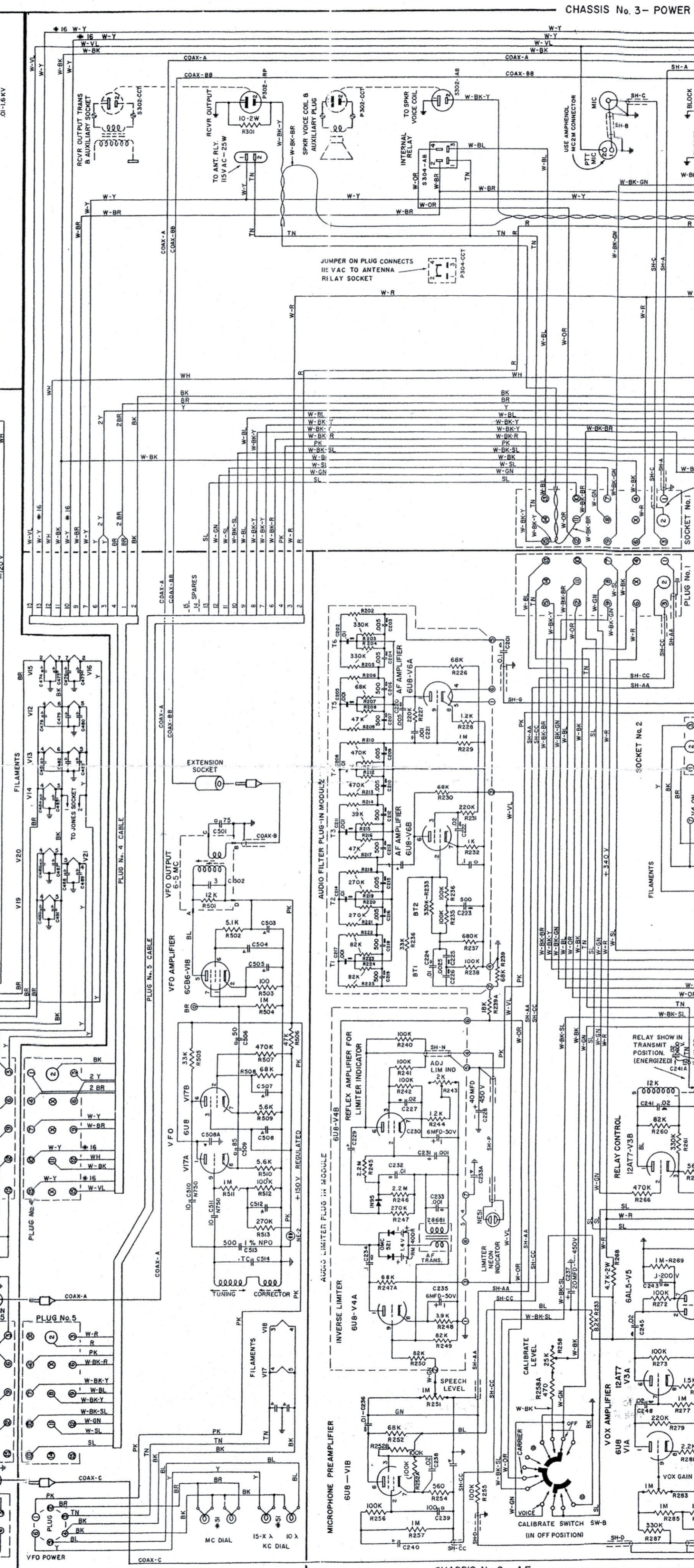
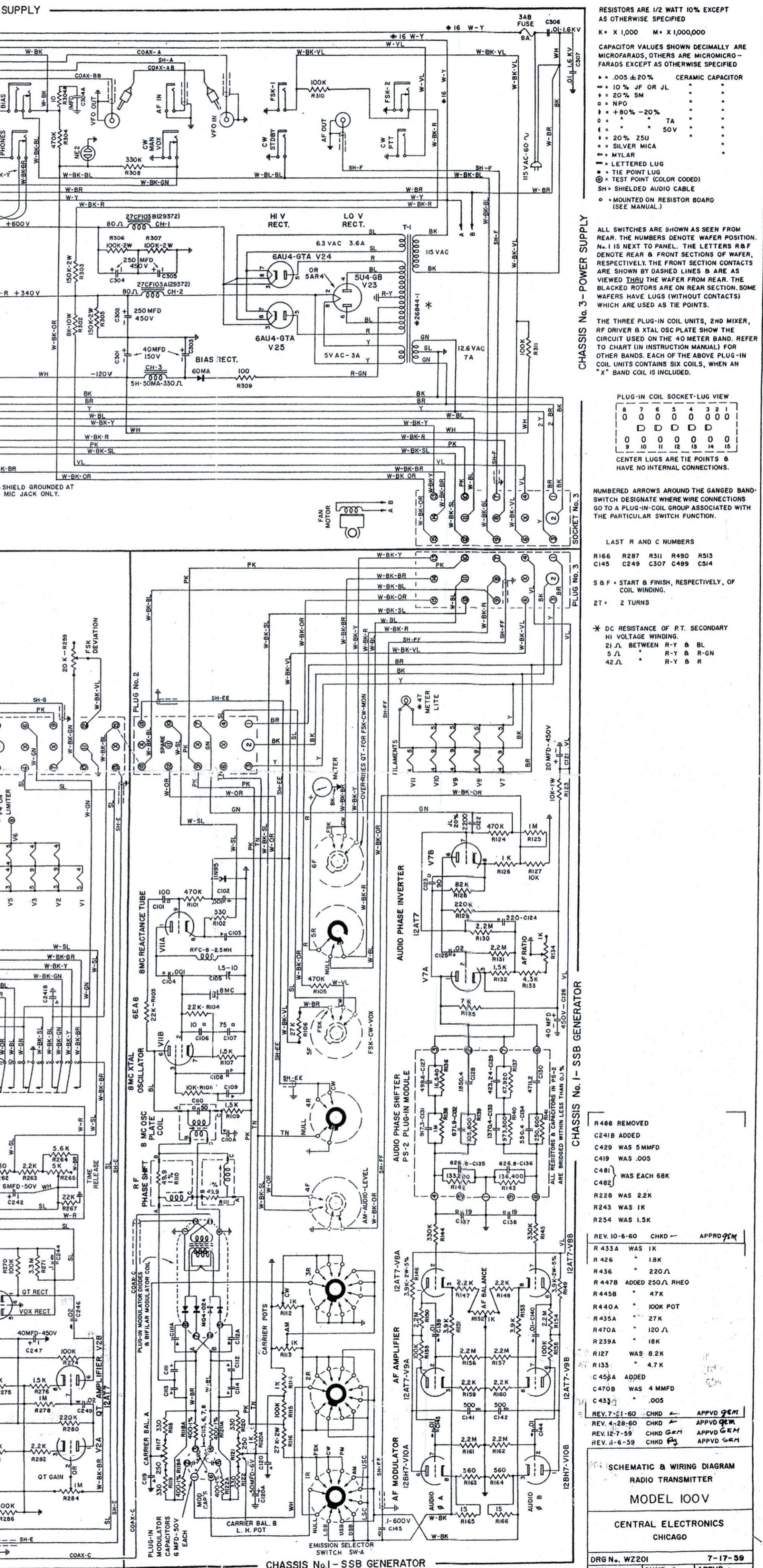


CHASSIS No. 4 - HI LEVEL RF



CHASSIS No. 3 - POWER SUPPLY



CHASSIS No. 1 - SSB GENERATOR

RESISTORS ARE 1/2 WATT 10% EXCEPT AS OTHERWISE SPECIFIED
 K = X 1,000 M = X 1,000,000
 CAPACITOR VALUES SHOWN DECIMALLY ARE MICROFARADS, OTHERS ARE MICROMICRO-FARADS EXCEPT AS OTHERWISE SPECIFIED
 CERAMIC CAPACITOR
 10% JF OR JL
 20% SM
 50% TA
 20% 25U
 SILVER MICA
 MYLAR
 LETTERED LUG
 POINT LUG
 1ST POINT (COLOR CODED)
 SH-1 SHIELDED AUDIO CABLE
 MOUNTED ON RESISTOR BOARD (SEE MANUAL)

ALL SWITCHES ARE SHOWN AS SEEN FROM REAR. THE NUMBERS DENOTE WATER PROOFING. N. 1 IS NEXT TO PANEL. THE LETTERS R & F DENOTE REAR & FRONT SECTIONS OF WAFER, RESPECTIVELY. THE FRONT SECTION CONTACTS ARE SHOWN BY DASHED LINES & ARE AS VIEWED FROM THE WAFER FROM REAR. THE BLACKED ROTORS ARE ON REAR SECTION. SOME WAFERS HAVE LUGS (WITHOUT CONTACTS) WHICH ARE USED AS THE POINTS.

THE THREE PLUG-IN COIL UNITS, 2ND MIXER, RF DRIVER & XTAL OSC PLATE SHOW THE CIRCUIT USED ON THE 40 METER BAND. REFER TO CHART IN INSTRUCTION MANUAL FOR OTHER BANDS. EACH OF THE ABOVE PLUG-IN COIL UNITS CONTAINS SIX COILS, WHEN AN "X" BAND COIL IS INCLUDED.

PLUG-IN COIL SOCKET-LUG VIEW
 8 7 6 5 4 3 2 1
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0
 CENTER LUGS ARE TIE POINTS & HAVE NO INTERNAL CONNECTIONS.

NUMBERED ARROWS AROUND THE GANGED BAND SWITCH DENOTATE WHERE WIRE CONNECTIONS GO TO A PLUG-IN COIL GROUP ASSOCIATED WITH THE PARTICULAR SWITCH FUNCTION.

LIST R AND C NUMBERS
 R166 R287 R311 R490 R513
 C145 C249 C307 C499 C514

S & P - START & FINISH, RESPECTIVELY, OF COIL WINDING.
 ZT = 2 TURNS

* DC RESISTANCE OF P.T. SECONDARY
 H1 VOLTAGE WINDING
 22.1A BETWEEN R & BL
 5.1A R-Y B-R-GN
 42.1A R-Y B-R

CHASSIS No. 1 - SSB GENERATOR
 R488 REMOVED
 C249 ADDED
 C429 WAS 5MFD
 C419 WAS .005
 C481 WAS EACH 68K
 C482
 R228 WAS 22K
 R243 WAS 1K
 R254 WAS 1.5K
 REV. 10-6-60 CHD - APPROVED
 R 433A WAS 1K
 R 426 = 1.8K
 R 436 = 220Ω
 R 447B ADDED 250Ω RHO
 R 445B = 47K
 R 440A = 100K POT
 R 455A = 27K
 R 470A = 100Ω
 R 239A = 18K
 R 287 WAS 6.2K
 R 135 = 4.7K
 C 459A ADDED
 C 470B WAS 4 MFD
 C 433 = .005
 REV. 7-1-60 CHD - APPROVED
 REV. 4-28-60 CHD - APPROVED
 REV. 12-7-59 CHD G.M. APPROVED
 REV. 1-6-59 CHD G.M. APPROVED