SECTION 6.
PERFORMANCE DATA FOR SERVICE ENGINEERS

MEASUREMENT CONDITIONS

1. POWER SOURCE: 117 volts, 60 cycles AC
2. STANDARD AUDIO OUTPUT: .5 watt into 500 ohms
3. MODULATION: 30% at 400 cycles
4. DUMMY ANTENNA:
   Band 1: RTMA Dummy
   Bands 2-6: 47 ohms
5. Oscillator frequency higher than signal frequency on all bands.
6. CONTROL SETTINGS:
   Sensitivity - 10 (max)
   Volume - 10 (max)
   ANL, AVC, and CAL - Off
   CW-AM-SSB - AM
   Band Width - 5 KC
   Band Selector - Band 1
   Response - Normal
   Main Tuning Dial - gang half open
   Band Spread Dial - index marks at high end

** IF REJECTION

BAND	MIN DB	BAND	MIN DB
1	50	4	80
2	80	5	80
3	80	6	80

** Band Spread gang fully open

* IF BANDWIDTH (2075 KC)

BAND WIDTH CONTROL SETTING	6 DB (X2)	60 DB (X1000)
.25 KC	.15 - .25 KC	1.0 KC (Max)
.5 KC	.38 - .57 KC	1.8 KC "
1.25 KC	1.0 - 1.5 KC	3.8 KC "
2.5 KC	2.0 - 3.0 KC	7.9 KC "
5 KC	4.0 - 6.0 KC	15.0 KC "
10 KC	8.0 - 12.0 KC	24.0 KC "

* IF performance thru 1550 KC channel (Band 2) is essentially the same as 2075 KC channel.

AUDIO PERFORMANCE

POWER OUTPUT: 10 watts (max)
FREQUENCY RESPONSE: ± 2 db from 20 to 20,000 cycles thru Phono input with Response at Hi Fid (500 ohm output)
HARMONIC DISTORTION: Less than 10% at 10 watt output with 400 cycles at Phono input.
HUM: Less than 15 uw with Volume at min. and Response at Hi Fid.
BASS BOOST: Not less than 8 db at 70 cycles.

BAND	FREQ. (MC)	RF SENSITIVITY		IMAGE RATIO (MIN DB)
		MAX. UV FOR .5 WATT OUTPUT	MAX. UV FOR 10 DB SIG/NOISE	
1	.56	8.0	12.0	100
	1.0	6.0	12.0	80
	1.5	5.0	12.0	80
2	1.8	1.0	2.0	100
	2.3	1.0	1.5	100
	2.8	1.0	1.5	90
3	3.2	1.0	1.5	100
	4.1	1.0	1.5	90
	5.1	1.0	1.5	80
4	5.6	1.0	1.5	90
	7.3	1.0	1.5	80
	9.0	1.0	1.5	80
5	10.3	1.0	1.5	90
	13.4	1.0	1.5	80
	16.5	1.0	1.5	70
6	18.7	1.5	2.0	70
	24.0	1.5	2.0	60
	30.0	1.5	2.0	58

SECTION 7.
SERVICE DATA

7-1. TECHNICAL SPECIFICATIONS

TUBES: 20 tubes including current regulator, voltage regulator, and rectifier.
SPEAKER OUTPUT; 3.2, 8, and 500 ohms
HEADPHONE OUTPUT: High impedance
ANTENNA INPUT: For single wire or 52-600 ohm balanced or unbalanced line.
PHONO INPUT: High impedance
*POWER SOURCE:
Model SX-88 . . . 105-125 volts, 50-60 cycles
Model SX-88U. . . 100-250 volts, 25-60 cycles.
POWER CONSUMPTION: 138 watts
RECEPTION: AM, CW, and SSB
AUDIO OUTPUT: 10 watts (maximum)
INTERMEDIATE FREQUENCIES (Double Conversion):
Band 1, 3-6 . . . . . 50 KC & 2075 KC
Band 2 . . . . . 50 KC & 1550 KC

FREQUENCY COVERAGE

Band	Frequency Range	Calibrated Band Spread
1	.535 - 1.7 MC	-
2	1.69 - 3.0 MC	160M
3	2.98 - 5.5 MC	80M
4	5.4 - 10.0 MC	40M
5	9.8 - 18.3 MC	20M
6	17.8 - 33.0 MC	15M, 11-10M

* Provisions are also included for operation from an external DC power source.

7-2. CHASSIS REMOVAL

To remove the chassis from the cabinet, remove two screws at each side of the front panel and four screws at the bottom of the cabinet.

7-3. TUBE and DIAL LAMP REPLACEMENT

To gain access to the tubes and dial lamps, raise the hinged top cover of the cabinet. The tube locations, as well as their functions, are shown in Fig. 10.

7-4. 50 KC IF SYSTEM

Fig. 12 shows the type of coupling used in the 50 kc IF stages. Note that inductive coupling is avoided by careful shielding of the IF coils and signal transfer occurs only through capacitance and resistance. By increasing the value of "C" and "R", the selectivity is made more broad while by decreasing their values, the selectivity is made more sharp. The proper values of "C" and "R" are switched in the circuit by means of the BAND WIDTH control. "R" varies the "Q" of the circuit and "C" varies the coupling. This R-C coupling arrangement affords a more accurate means of selectivity control than that readily obtainable by any other method.

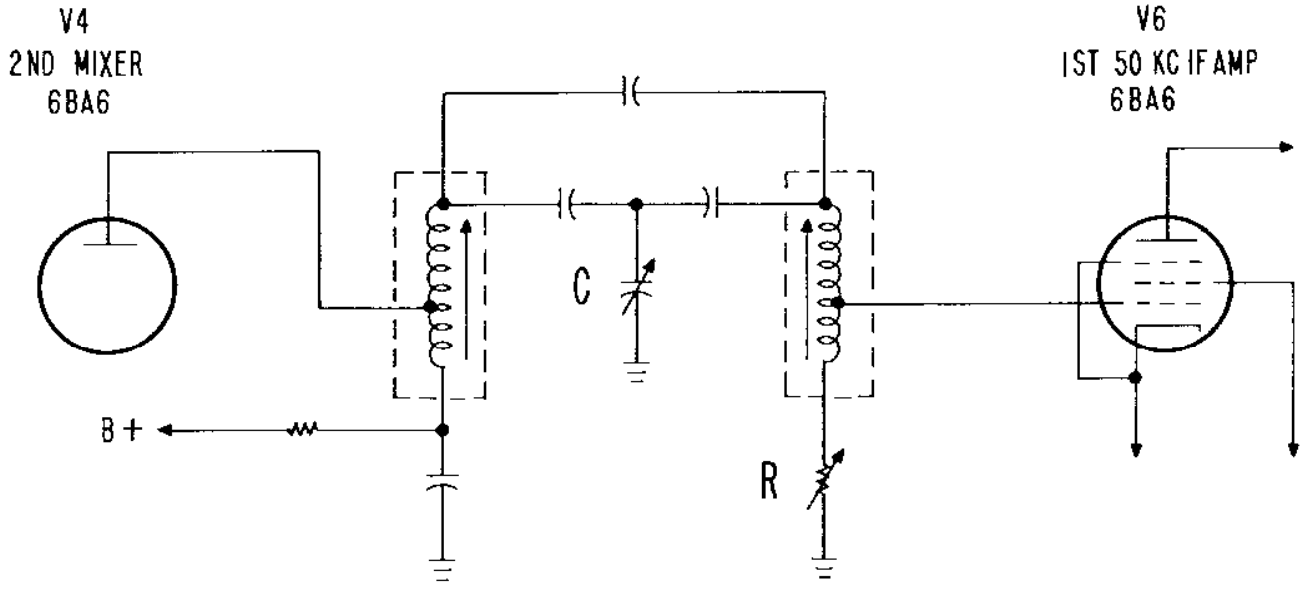


Fig. 12. Portion of 50 KC IF System

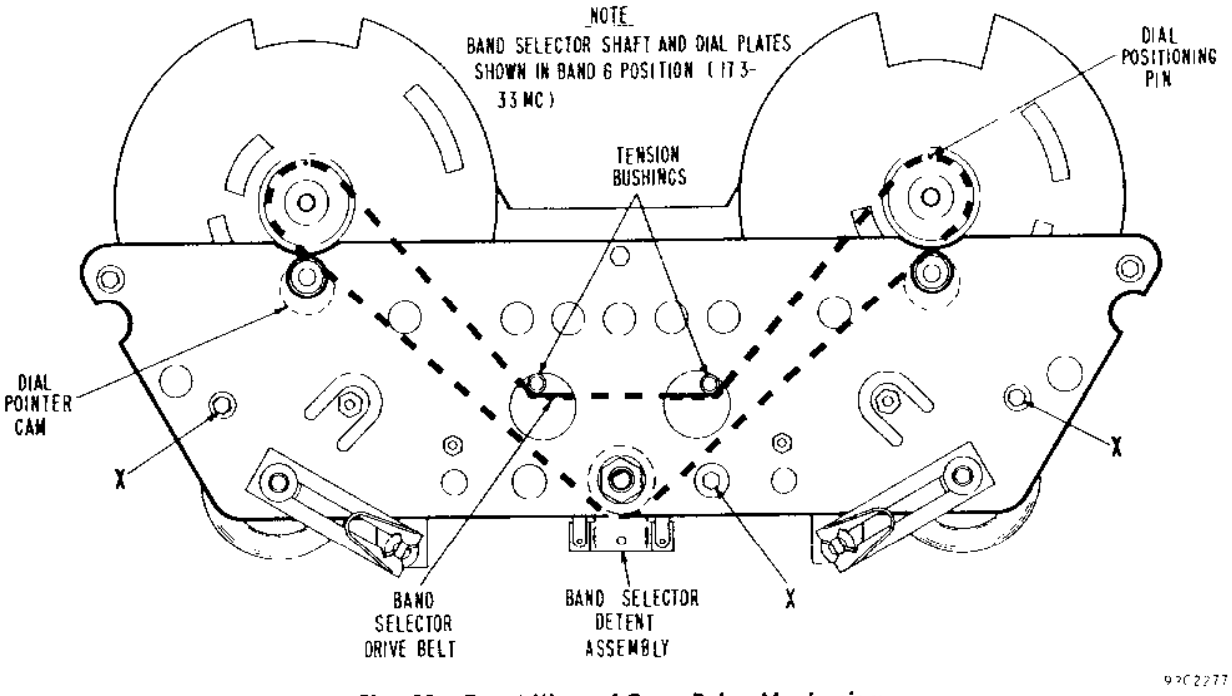


Fig. 13. Front View of Gear Drive Mechanism

7-5. BAND SELECTOR DRIVE BELT REPLACEMENT (Refer to Fig. 13)

1. Set Band Selector control to Band 6 (17.8 - 33 mc).
2. Remove chassis from cabinet by removing four screws at bottom of cabinet and two screws at each side of front panel.
3. Remove all front control knobs and PHONES jack mounting nut.
4. Remove front panel from chassis by removing three screws at each side of front panel.
5. Remove dial lamp brackets by removing two self-tapping hex head screws at rear and binding head screw and nut at side.
6. Remove "S" meter by removing two Phillips head screws directly below meter (at the front).
7. Remove toggle switch mounting nuts and then remove switches from gear mechanism.
8. Loosen flexible coupling on Band Selector shaft and slide toward rear on shaft.
9. Loosen couplings on main tuning and band spread gangs and slide toward rear on shaft.
10. Remove gear mechanism from chassis by removing three self-tapping hex head screws marked "X" in Fig. 13.
11. Remove dial pointers by removing retaining clip at front of pointer.
12. Remove large hex nut from front of both dials and then remove dials.

    CAUTION: To prevent scratching the dials, position the dial pointer cams downward as shown in Fig. 13 and bend the dials sufficiently when removing to provide clearance between the dial and dial pointer cams.

13. Loosen hex nut on one of the two drive belt tension bushings at rear of mechanism and then slip drive belt up over bushings.
14. Remove Band Selector detent assembly from gear mechanism by removing hex nut at front.
15. Remove drive belt by slipping up over dial plate and rotating dial plate as required to provide clearance for removal.
16. To replace drive belt, reverse sequence used above for removing belt. When replacing belt, position both dial plates so that cutout at outer edge of dial plate is vertical as shown in Fig. 13. This is correct position of dial plates when the Band Selector is set at Band 6.
17. Before tightening the main tuning and band spread couplings in place, fully mesh the main tuning and band spread gangs and rotate the MAIN TUNING and BAND SPREAD TUNING controls fully clockwise.

7-6. "S" METER ADJUSTMENTS

The "S" meter has two adjustments, one mechanical and the other electrical. The mechanical adjustment, accessible by removal of the "h" insignia directly below the meter, has been accurately set at the factory and will normally not require any further adjustment. Adjustment can be made, if required, by turning off the receiver and carefully rotating the adjustment screw until the meter pointer is in line with the right-hand index mark.

The electrical adjustment of the "S" meter is made by carefully turning the "S" METER ADJ control at the rear of the receiver, until the meter pointer is in line with the left-hand index mark. The electrical adjustment should be made with the receiver on, antenna terminals shorted, SENSITIVITY at "10", CW-AM-SSB switch at "AM", AVC switch at "ON", CAL OFF-ON switch at "OFF", REC-STANDBY switch at "REC", and BAND SELECTOR at Band 3. The settings of the remaining controls do not affect the "S" meter reading.

7-7. ADJUSTMENT OF CRYSTAL ADJ CONTROL

The CRYSTAL ADJ control on the top front of the chassis operates a trimmer capacitor connected across the 100 kc calibrating crystal. This trimmer capacitor permits adjustment of the calibrating crystal to exactly 100 kc by comparison with the frequencies transmitted by station WWV. This capacitor has been set at the factory and should normally not require periodic readjustment unless extreme calibration accuracy is desired. If adjustment is required, proceed as outlined below.

Set the CW-AM-SSB switch at "AM", the CAL OFF-ON switch at "OFF", and all other front panel controls as for normal AM reception. Tune in station WWV on any one of its operating frequencies (2.5, 5, 10, 15, 20, or 25 mc) and wait for the period during which the signal from WWV is unmodulated. Then switch on the crystal calibrator by setting the CAL OFF-ON switch at "ON" and adjust its frequency, by means of the CRYSTAL ADJ control, until the crystal calibrator signal "zero beats" with the signal received from WWV. If adjustment is attempted during periods that WWV is modulated, zero beat may be obtained with the modulating frequency rather than the desired carrier frequency.

7-8. CONTROL KNOB POSITIONING

SENSITIVITY	"0" at full counterclockwise rotation
BAND WIDTH	"10 KC" at full counterclockwise rotation
MAIN TUNING	"0" at full clockwise rotation
BAND SELECTOR	As required by flat on shaft
ANTENNA TRIMMER	"5" to right of "0" with antenna trimmer variable capacitor fully meshed
BAND SPREAD TUNING	"0" at full clockwise rotation
RESPONSE	"BASS BOOST" at full counterclockwise rotation
VOLUME	Align "0" with index line at full counterclockwise rotation
LOCK	As shown in Fig. 4 at full clockwise rotation
PITCH	Tune in a steady, unmodulated carrier with the CW-AM-SSB switch at "AM", AVC switch at "ON", and the BAND WIDTH control at ".25 KC". (If desired, the built-in crystal calibrator may be used as the carrier source.) Then set the CW-AM-SSB switch at "CW", adjust the PITCH control for "zero beat", and set the knob at "0" with approx 3/32" clearance between the front panel and rear of knob.

7-9. SERVICING OF GEAR DRIVE TUNING MECHANISM

The gear drive tuning mechanism in your receiver is precision built to Hallicrafters most exacting standards. If not tampered with, this mechanism will provide long, trouble free performance. No attempt should be made to service this mechanism in the field other than to replace the band selector drive belt (Section 7.5). If service is required, consult the Hallicrafters dealer, distributor, or Authorized Service Center in your locality. Make no service shipments to the factory as the Hallicrafters Company will not accept the responsibility for unauthorized shipments. Removal of the mechanism from the receiver can be accomplished by following Steps 1 through 10 of Section 7.5. After reassembling the mechanism in the receiver, synchronize the tuning mechanism with the gangs as outlined in Step 17 of Section 7.5.

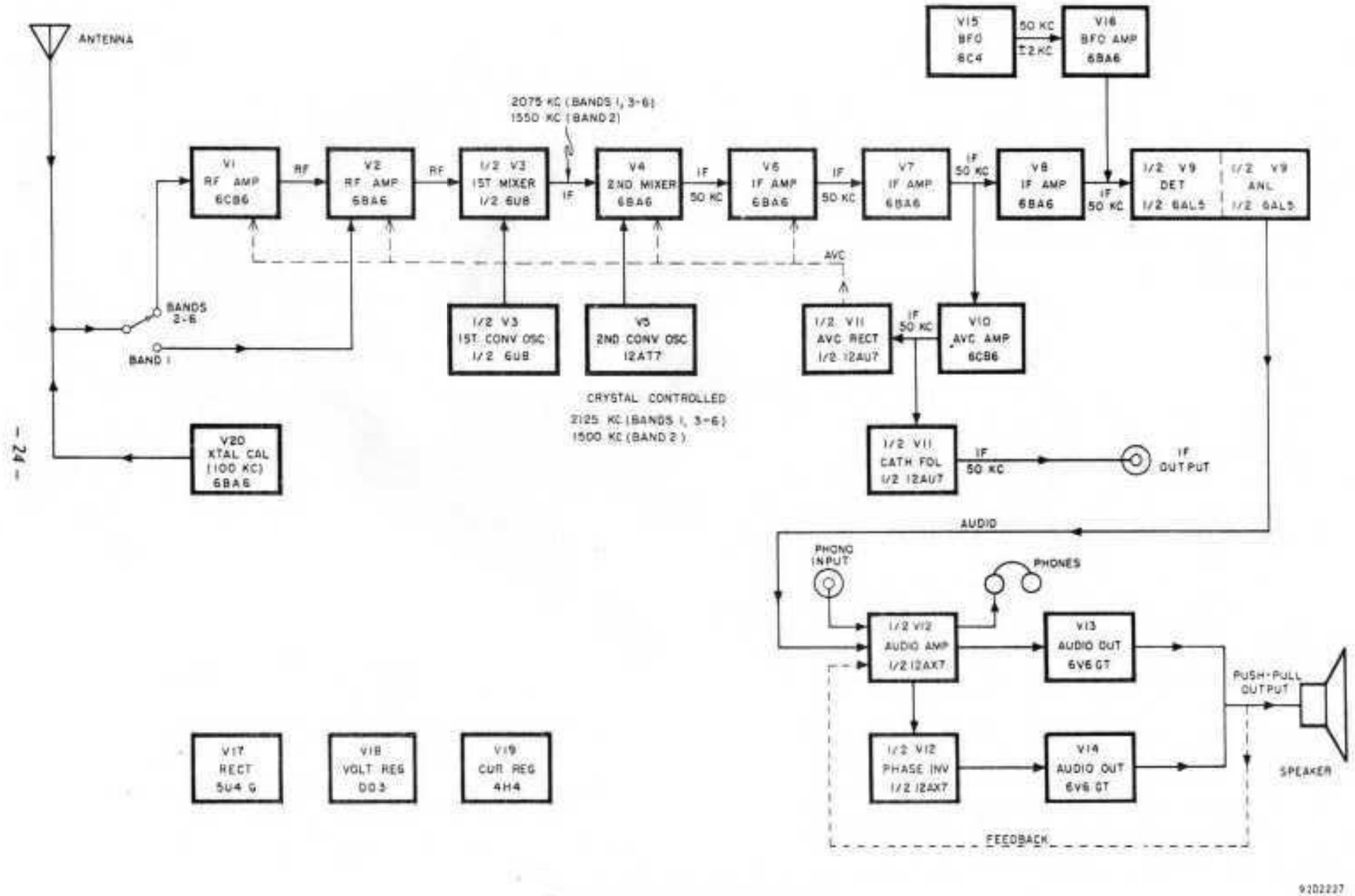
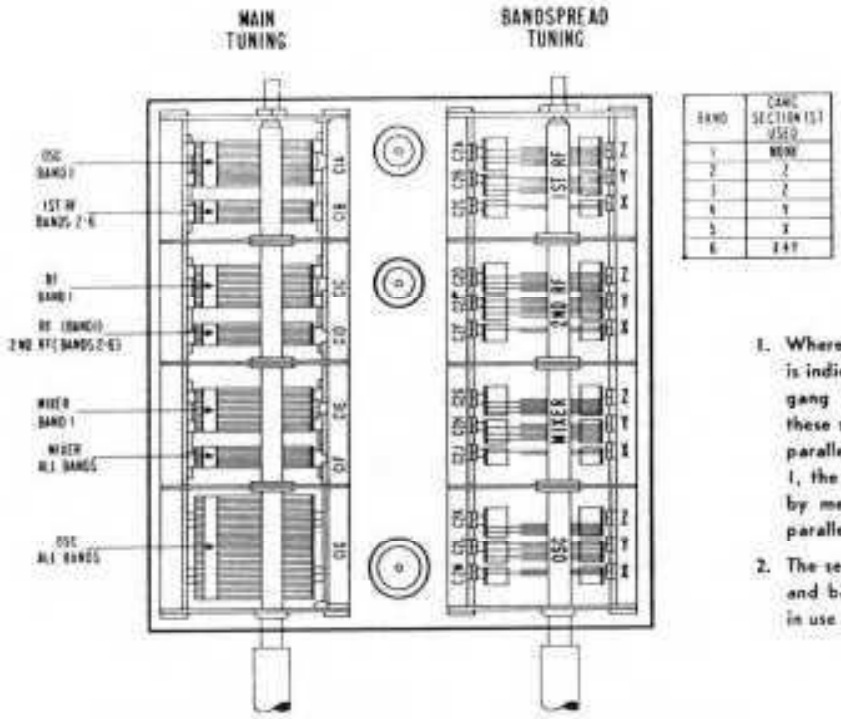


Fig. 14. Block Diagram of Receiver



NOTES

1. Where more than one section is indicated on the main tuning gang for a particular band, these sections are connected in parallel. For example: on Band I, the oscillator stage is tuned by means of C1A & C1G in parallel.
2. The sections of the main tuning and band spread tuning gangs in use are connected in parallel.

Fig. 15. Location and Function of Tuning Gang Sections

92C2253

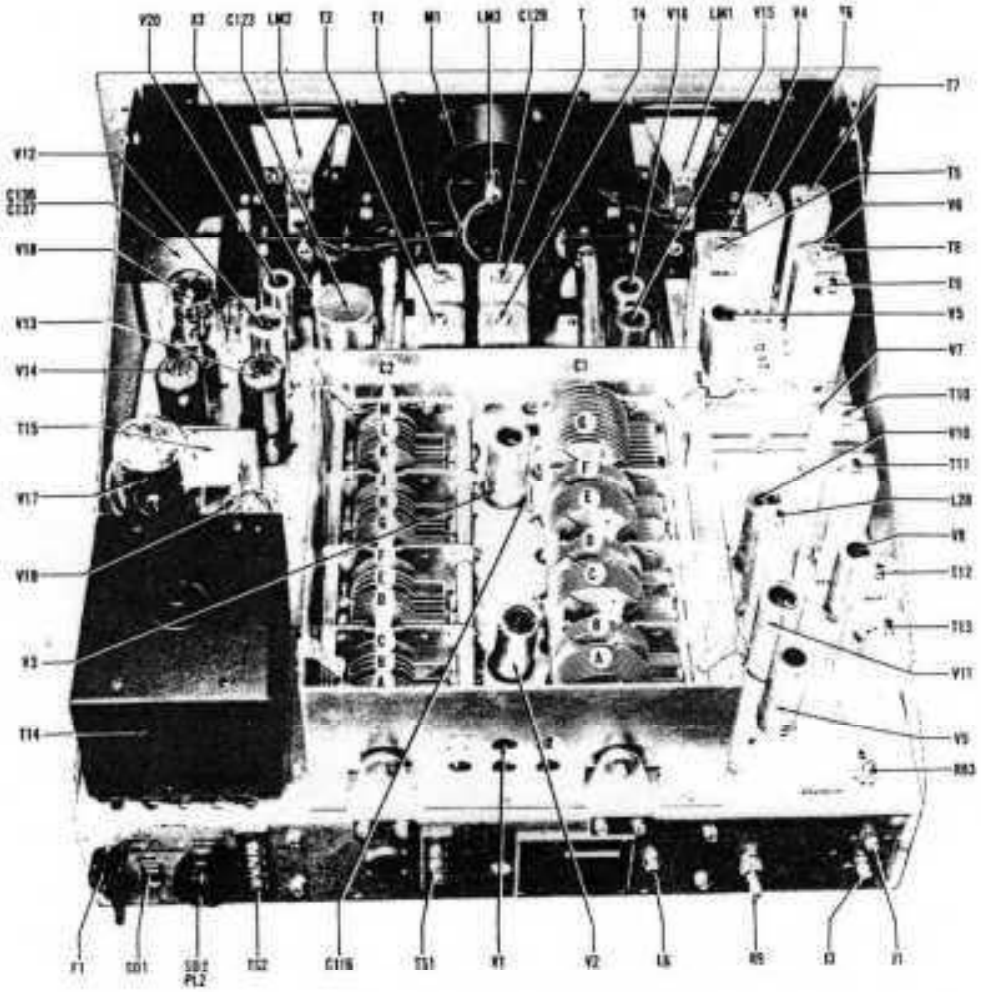


Fig. 16. Top View of Chassis Showing Component Location

92X2248

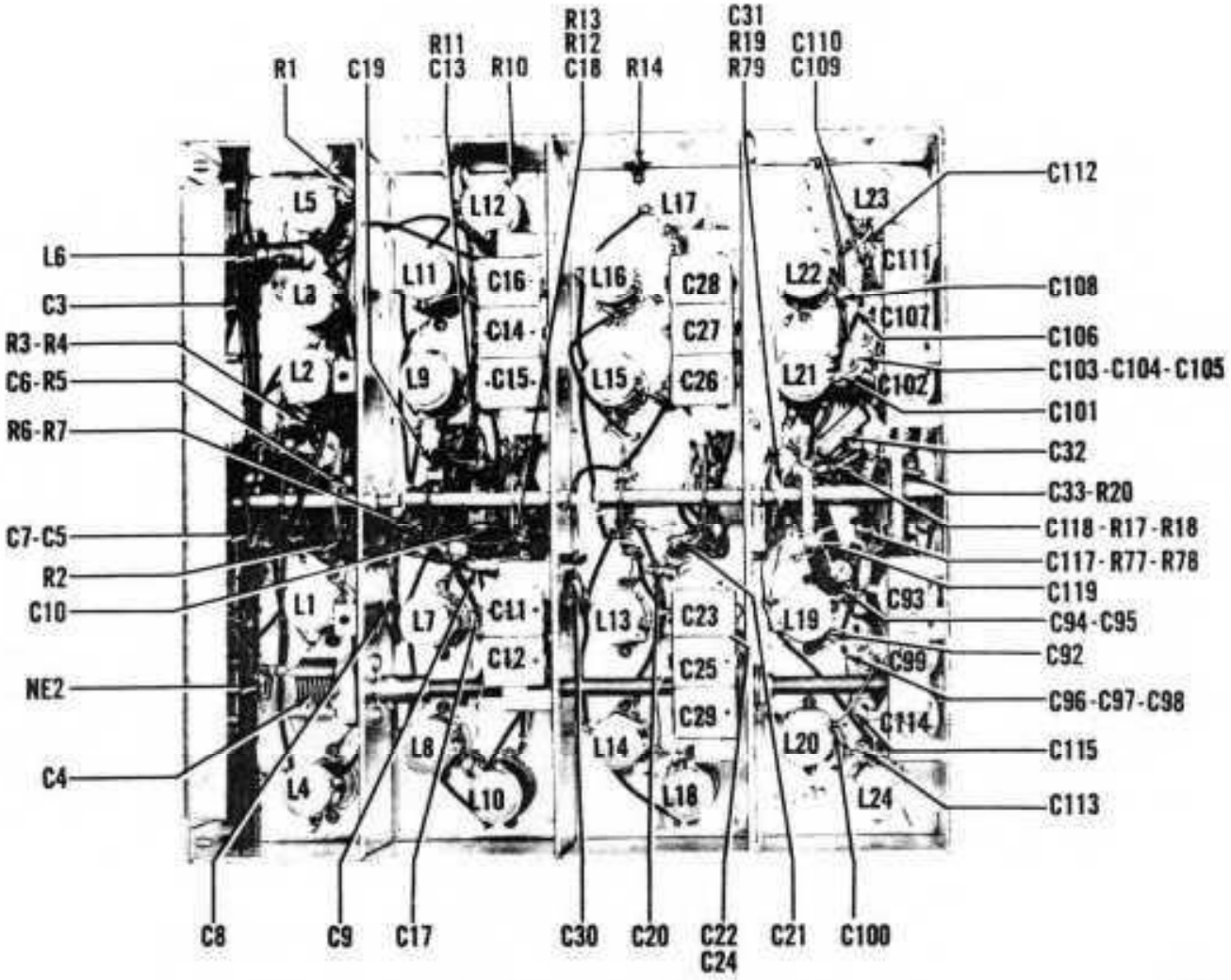


Fig. 17. Bottom View of RF Deck Showing Component Location

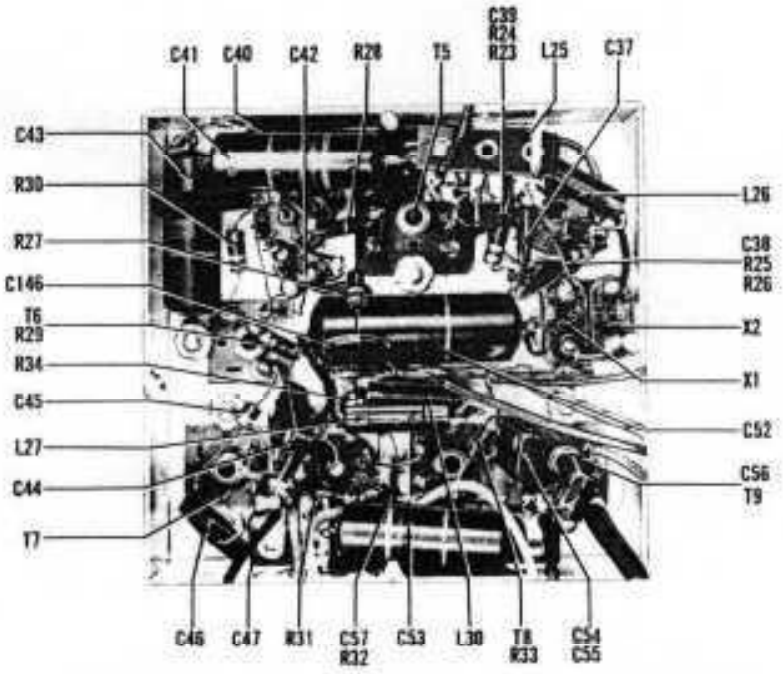


Fig. 18. Bottom View of 2nd Converter Sub-Chassis Showing Component Location

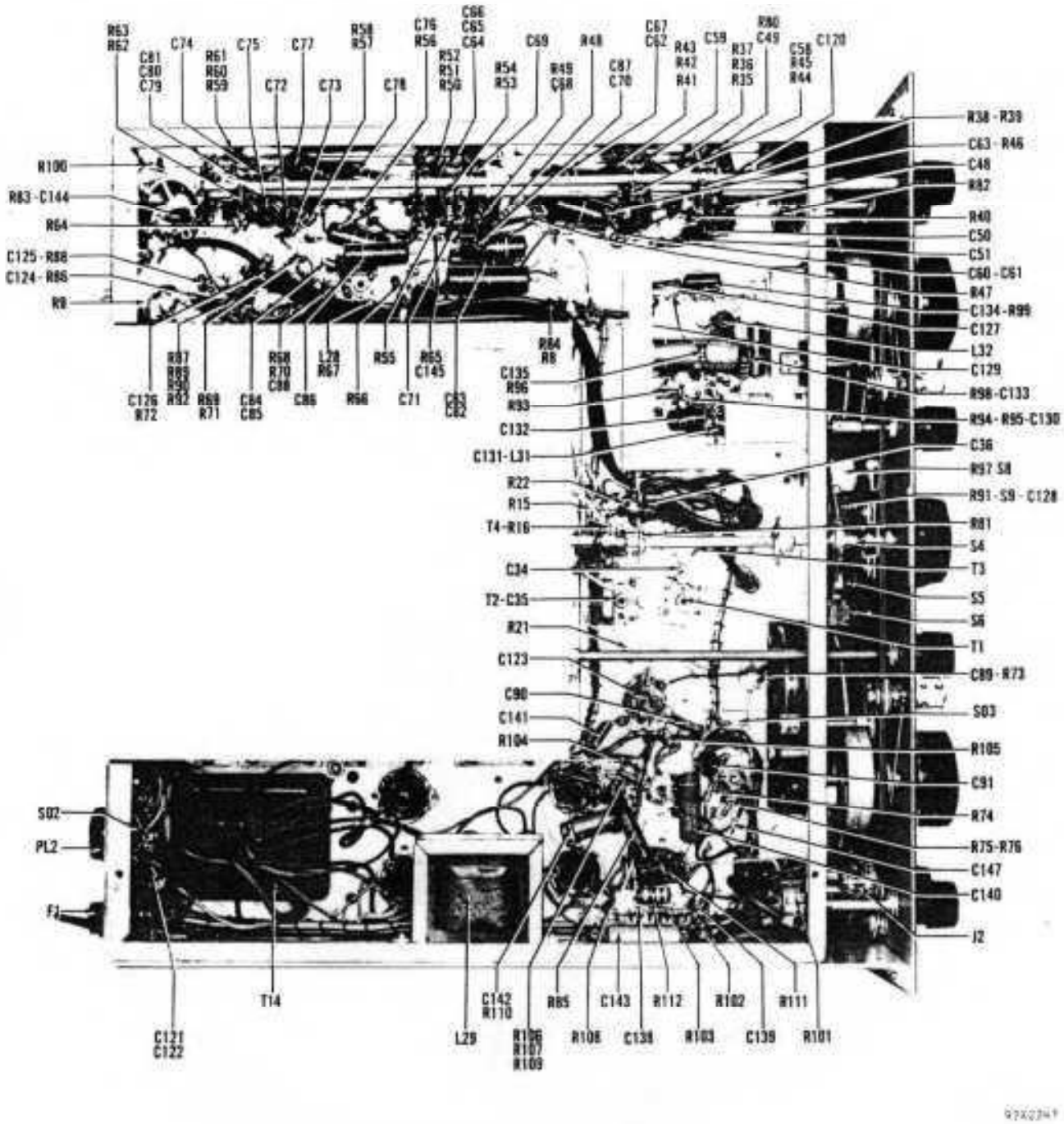


Fig. 19. Bottom View of Chassis Component Location

SERVICE PARTS LISTS

Schematic Symbol	Description	Hallicrafters Part Number
	CAPACITORS	
C-1	Tuning gang, 7 section (Main Tuning)	48D314
C-2	Tuning gang, 12 section (Bandspread Tuning)	48D315
C-3	1000 mmfd. 5%, 500 V., silver mica	47X20D102J
C-4	4-50 mmfd., variable air (Antenna Trimmer)	48B313
C-5,17,36,87, 128,132	047 mfd. 20%, 200 V.; molded paper	46BR473L2
C-6	.01 mfd. 20%, 600 V.; molded paper	46BR103L6
C-7,19,40,41, 43,53,57,62, 67,76,78,83, 86,140,142,143	.047 mfd. 20%, 600 V., molded paper	46BR473L6
C-8,30,91,145, 146	.02 mfd. +80 -20%, 500 V., ceramic disc	47A242
C-9	15 mmfd. 10%, N750, 500 V., ceramic	47X20UK150K
C-10,13	3 3 mmfd. 10%, 500 V., bakelite	47B403-5
C-11-12	Trimmer assembly, two section, 5-50 mmfd. each section	44C436
C-14-15-16, 26-27-28	Trimmer assembly, three section; 5-50 mmfd. each section	44C435
C-18,37,38, 39,88,121, 122,144	.01 mfd. +80-20%, 450 V.; ceramic disc	47A224
C-20	15 mmfd. 10%, N750, 500 V., ceramic	47X20UJ150K
C-21	3.3 mmfd. ± .25 mmfd., N750, 500 V , ceramic	47X20UJ033C
C-22,147	15 mmfd. 10%, NPO, 500 V.; ceramic	47X20CG150K
C-23-25-29	Trimmer assembly, three section; 2-18 mmfd , 2-18 mmfd., 3-30 mmfd.	44C440
C-24	20 mmfd. 10%, NPO, 500 V., ceramic	47X20CG200K
C-31,117	100 mmfd. 10%, N750, 500 V.; ceramic	47X20UJ101K
C-32,33,35	4700 mmfd 10%, 500 V.; mica	47X30B472K
C-34	2.2 mmfd. 10%, 500 V.; bakelite	47B403-4
C-42	100 mmfd. 10%, 450 V.; ceramic	47CA20A101K
C-44,46,54, 56,64,66,79, 81,84	390 mmfd. 5%, 500 V.; silver mica	47X20E391J
C-45,55,80	1.5 mmfd. 10%, 500 V., bakelite	47B403-3
C-47,85,124, 125	220 mmfd. 10%, 500 V.; ceramic	47CA20A221K
C-48,49,58, 59,68,69, 74,75	.0033 mfd 10%, 400 V.; molded paper	46BR332E4
C-50,60,70,72	.047 mfd. 10%, 200 V., molded paper	46BR473E2
C-51,61,71,73	.01 mfd. 10%, 400 V., molded paper	46BR103E4
C-52,63,77, 82	.22 mfd 20%, 200 V., molded paper	46BR224L2
C-65	.51 mmfd. 10%, 500 V.; bakelite	47B403-0
C-89	8-50 mmfd. N750, ceramic trimmer (Crystal Adj)	44B437
C-90	150 mmfd 10%, 500 V., mica	47X20B151K
C-92	4.7 mmfd. ± .25 mmfd., N2200 ± 500 PPM, ceramic	47D20W047C
C-93,99,102, 107,111,114	2.6-13.3 mmfd., variable air	48B316

N neg temp coef NPO - zero temp. coef

Schematic Symbol	Description	Hallicrafters Part Number
	CAPACITORS (Cont.)	
C-94	1000 mmfd. 5%, N2200 ± 500 PPM, ceramic	47B441
C-95	2200 mmfd. 5%, 500 V., silver mica	47X30E222J
C-96,97,98	443 mmfd. 2%, N330, 500 V., ceramic	47B407
C-100,101	3.9 mmfd. 10%, N1500 ±250 PPM; ceramic	47D20V039C
C-103,104, 106	310 mmfd. 2%, N80, 500 V.; ceramic	47X45LG311G
C-105	68 mmfd. 1%, N150, 500 V.; ceramic	47X32PG680F
C-108	5.1 mmfd. ± .5 mmfd., N750, 500 V.; ceramic	47X20UJ051D
C-109	117 mmfd. 10%, N150 ± 30 PPM, 500 V.; ceramic	47B440
C-110,115	140 mmfd. 1%, NPO, 500 V.; ceramic	47X35CG141F
C-112	10 mmfd. 10%, N470, 500 V., ceramic	47X20TH100F
C-113	12 mmfd. 10%, N470, 500 V.; ceramic	47X20TH120K
C-116	1.0 mmfd. 10%, N1500 + 250 PPM, 500 V.; ceramic	47D20V010B
C-118	1.0 mmfd. 10%, N750, 500 V., ceramic	47X20UJ010B
C-119	.047 mfd. 10%, 600 V.; molded paper	46BR473E6
C-120	10 mfd. 10%, 150 V., electrolytic	45A097
C-123A-B-C-D	30 mfd. 450 V., 10 mfd. 450 V., 10 mfd. 450 V., 20 mfd. 25 V., electrolytic	45A041
C-126,137	.022 mfd. 20%, 200 V., molded paper	46BR223L2
C-127	68 mmfd. 10%, NPO, 500 V.; ceramic	47X25CK680K
C-129,133	.022 mfd. 20%, 600 V , molded paper	46BR223L6
C-130	220 mmfd. 10%, 500 V., silver mica	47X20D221K
C-131	560 mmfd. 5%, 500 V., silver mica	47X20E561J
C-134	1500 mmfd. 10%, 500 V.; silver mica	47X30D152K
C-135	.22 mfd. 20%, 600 V., molded paper	46BR224L6
C-136	470 mmfd. 10%, 500 V., mica	47X20A471K
C-138	10 mfd 50 V., electrolytic	45B211
C-139	.033 mfd. 20%, 600 V.; molded paper	46BR333L6
C-141	680 mmfd. 10%, 500 V.; mica	47X20A681K
	RESISTORS	
R-1,2,73,100	470,000 ohms 10%, 1/2 W.	23X20X474K
R-3,11	22 ohms 10%, 1/2 W	23X20X220K
R-4,12,102	100 ohms 10%, 1/2 W.	23X20X101K
R-5	68,000 ohms 10%, 1 W	23X30X683K
R-6,77,80	10 ohms 10%. 1/2 W	23X20X100K
R-7,16,28, 34,49,58, 67,93,99, 103,104	2200 ohms 10%, 1/2 W	23X20X222K
R-8	33 ohms 10%, 1/2 W.	23X20X330K
R-9	500 ohms, variable ("S" Meter Adj.)	25C022
R-10,22,23, 24,25,26,27, 75,95	100,000 ohms 10%, 1/2 W.	23X20X104K
R-13	18,000 ohms 10%, 1/2W	23X20X183K
R-14,79	1000 ohms 10%, 1/2W	23X20X102K

PPM parts/million/° C

SERVICE PARTS LISTS (Cont.)

Schematic Symbol	Description	Hallicrafters Part Number
	RESISTORS (Cont.)	
R-15,21,33, 97,107	8200 ohms 10%, 1/2 W	23X20X822K
R-17	2.2 megohms 10%, 1/2 W.	23X20X225K
R-18	2700 ohms 10%, 1/2 W.	23X20X272K
R-19	120,000 ohms 10%, 1/2 W.	23X20X124K
R-20,81,94	47 ohms 10%, 1/2 W.	23X20X470K
R-29,78	22,000 ohms 10%, 1/2 W.	23X20X223K
R-30	120,000 ohms 10%, 1/2 W. or 330,000 ohms 10%, 1/2 W. (see schematic)	23X20X124K 23X20X334K
R-31,68,87,92	1 megohm 10%, 1/2 W.	23X20X105K
R-32,47,56	220 ohms 10%, 1/2 W.	23X20X221K
R-35,41,50,59	56 ohms 5%, 1/2 W.	23X20X560J
R-36,42,51,60	180 ohms 5%, 1/2 W.	23X20X181J
R-37,38,43, 44,52,53,61, 62	330 ohms 5%, 1/2 W.	23X20X331J
R-39,45,54,63	820 ohms 5%, 1/2 W.	23X20X821J
R-40,46,55,64	16,000 ohms 5%, 1/2 W.	23X20X163J
R-48,57,66	39,000 ohms 10%, 1 W	23X30X393K
R-65	180 ohms 10%, 1/2 W.	23X20X181K
R-69	27,000 ohms 10%, 1/2 W.	23X20X273K
R-70,76	180,000 ohms 10%, 1/2 W.	23X20X184K
R-71	68,000 ohms 10%, 1/2 W.	23X20X683K
R-72	4700 ohms 10%, 1/2 W.	23X20X472K
R-74	3300 ohms 10%, 1/2 W.	23X20X332K
R-82	10,000 ohms, variable (Sensitivity)	25B1058
R-83	10,000 ohms, variable (Monitor)	25B1062
R-84,90	330,000 ohms 10%, 1/2 W.	23X20X334K
R-85	4000 ohms 5%, 10 W; wirewound	24BG402D
R-86	6.8 ohms 10%, 1 W.	23X30X068K
R-88	47,000 ohms 10%, 1/2 W.	23X20X473K
R-89	82,000 ohms 10%, 1/2 W.	23X20X823K
R-91	1.5 megohms 10%, 1/2 W.	23X20X155K
R-96	270 ohms 10%, 1/2 W.	23X20X271K
R-98	33,000 ohms 10%, 1 W.	23X30X333K
R-101	1 megohm, variable (Volume); includes on-off switch S7	25B606
R-105,106 109,110	220,000 ohms 10%, 1/2 W.	23X20X224K
R-108	220 ohms 10%, 2 W.	23X40X221K
R-111	10,000 ohms 10%, 1/2 W.	23X20X103K
R-112	4700 ohms 10%, 2 W.	23X40X472K
	COILS AND TRANSFORMERS	
L-1	Coil, antenna, band 6	51B1726
L-2	Coil, antenna; band 5	51B1727
L-3	Coil, antenna; band 4	51B1728
L-4	Coil, antenna, band 3	51B1729
L-5	Coil, antenna, band 2	51B1730
L-6	Coil, 1550 kc trap	51B1747
L-7	Coil, RF; band 6	51B1732
L-8	Coil, RF; band 5	51B1733
L-9	Coil, RF, band 4	51B1723
L-10	Coil, RF; band 3	51B1724
L-11	Coil, RF, band 2	51B1725
L-12	Coil, anteana; band 1	51B1731
L-13	Coil, mixer, band 6	51B1732
L-14	Coil, mixer, band 5	51B1733
L-15	Coil, mixer; band 4	51B1734
L-16	Coil, mixer, band 3	51B1735
L-17	Coil, mixer; band 2	51B1736
L-18	Coil, mixer; band 1	51B1737
L-19	Coil, oscillator, band 6	51B1717
L-20	Coil, oscillator, band 5	51B1718
L-21	Coil, oscillator, band 4	51B1719
L-22	Coil, oscillator, band 3	51B1720
L-23	Coil, oscillator; band 2	51B1721
L-24	Coil, oscillator; band 1	51B1722

Schematic Symbol	Description	Hallicrafters Part Number
	COILS AND TRANSFORMERS (Cont.)	
L-25,26,27	Choke, RF, red	53B008
L-28	Coil, AVC amplifier	50C612
L-29	Choke, filter; 9H, 135 ma, 260 ohms DC	56C163
L-30	Choke, RF; blue	53B009
L-31	Coil, BFO (with shield)	54B050
L-32	Coil, BFO amplifier	51B1746
T-1,3	Transformer, IF; 2075 KC	50C611
T-2,4	Transformer, IF; 1550 KC	50C603
T-5	Transformer, 2nd conv. osc.	50C602
T-6,7,8,9	Transformer, IF; 50 KC (1st and 2nd interstage)	50C601
T-10	Transformer, IF; 50 KC (3rd interstage primary)	50C613
T-11	Transformer, IF; 50 KC (3rd interstage secondary)	50C614
T-12,13	Transformer, IF, 50 KC (detector)	50C615
T-14	Transformer, power, for Model SX-88	52C288
	for Model SX-88U	52D295
T-15	Transformer, audio output	55C213
	SWITCHES	
S-1A-B-C	Switch assembly, Band Selector, antenna section and 1st RF amp. grid	62C076
S-1D-E	Switch assembly, Band Selector, 1st RF amp. plate and 2nd RF amp grid	62C077
S-1F-G	Switch assembly, Band Selector, 2nd RF amp. plate and 1st mixer grid	62C077
S-1H-I	Switch assembly, Band Selector, 1st conv. osc. grid and cathode	62C078
S-1J	Switch section, Band Selector; 1st mixer plate	62B075
S-1K	Switch assembly, Band Selector; 2nd conv. osc. cathode and 2nd RF amp. cathode	62B079
S-2	Switch assembly, BAND WIDTH	60D561
S-3	Switch assembly, RESPONSE	60C565
S-4,5	Switch, spst toggle; AVC ON-OFF and CAL OFF-ON	60A138
S-6,9	Switch, dpdt toggle, REC-STANDBY and ANL OFF-ON	60B575
S-7	Switch, power off-on (part of Volume control R101)	-------
S-8	Switch, toggle, dpdt center off (CW-AM-SSB)	60B568
	JACKS, PLUGS AND SOCKETS	
J-1,3	Jack, single pin, IF OUTPUT and PHONO	36A041
J-2	Jack, PHONES	36B004
PL-2	Plug, octal; AC jumper	35A003
SO-1	Socket, AC ACCESSORY	10B015
SO-2	Socket, octal; POWER SOCKET	6B296
SO-3	Socket, crystal	6A482
	Socket, pilot lamp; for "S" meter (with leads)	6A262
	Socket, pilot lamp; for tuning dials (with leads)	86B157
	Socket, tube, octal	6B296
	Socket, tube; 9 pin miniature (ceramic)	6B499
	Socket, tube, 9 pin miniature (mica filled)	6B500
	Socket, tube, 7 pin miniature	6B505