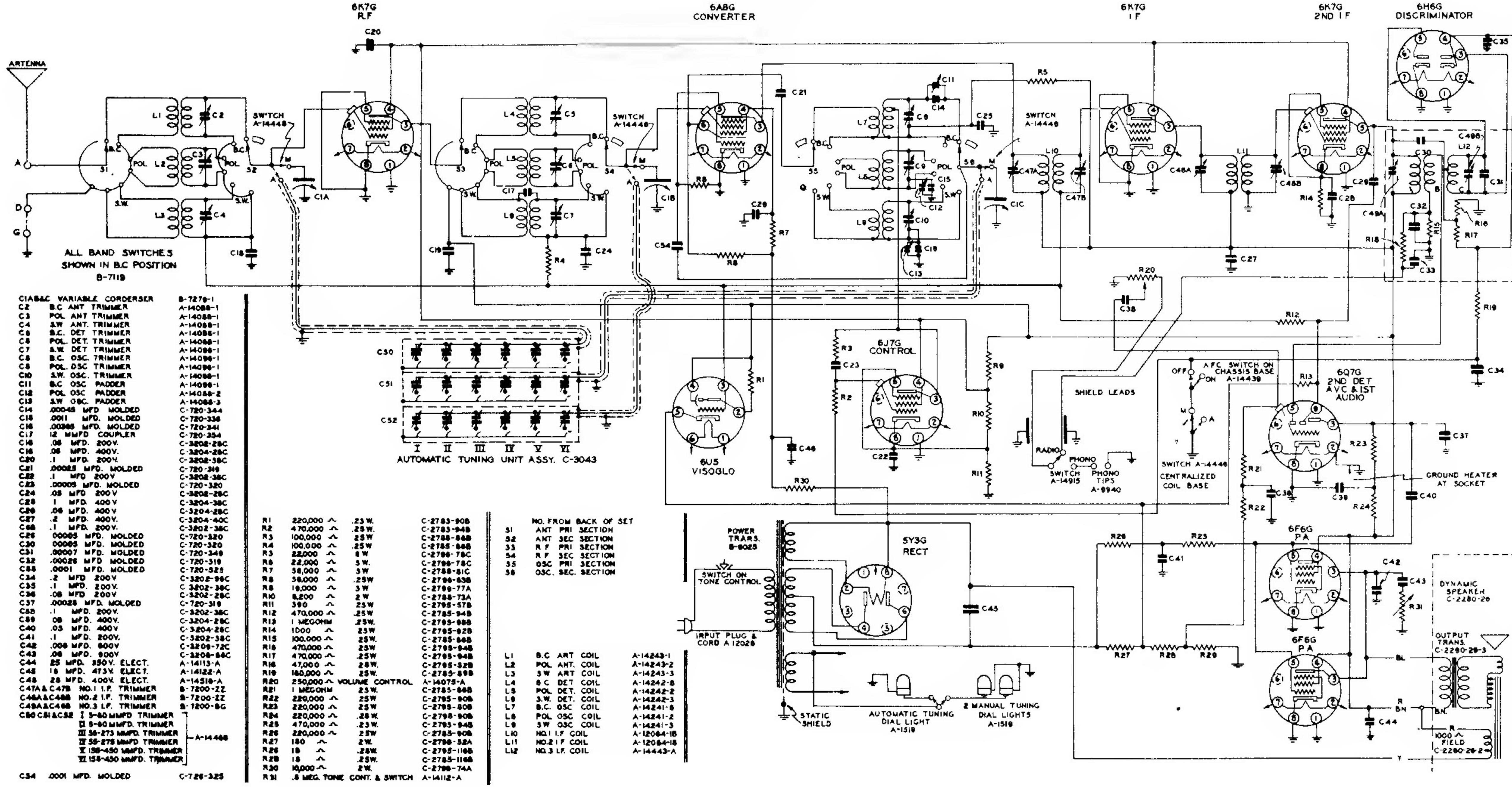


SCHEMATIC DIAGRAM SPARTON SUPERHETERODYNE MODEL 1160 INTERMEDIATE FREQUENCY 456 K.C.

TOP VIEWS OF ALL SOCKET CONNECTIONS



- | | | |
|-------------|-----------------------|------------|
| C1A&C | VARIABLE CONDENSER | B-7279-1 |
| C2 | B.C. ANT. TRIMMER | A-14088-1 |
| C3 | POL. ANT. TRIMMER | A-14088-1 |
| C4 | S.W. ANT. TRIMMER | A-14088-1 |
| C5 | B.C. DET. TRIMMER | A-14088-1 |
| C6 | POL. DET. TRIMMER | A-14088-1 |
| C7 | S.W. DET. TRIMMER | A-14088-1 |
| C8 | B.C. OSC. TRIMMER | A-14088-1 |
| C9 | POL. OSC. TRIMMER | A-14088-1 |
| C10 | S.W. OSC. TRIMMER | A-14088-1 |
| C11 | B.C. OSC. PADDER | A-14088-1 |
| C12 | POL. OSC. PADDER | A-14088-2 |
| C13 | S.W. OSC. PADDER | A-14088-3 |
| C14 | .00048 MFD. MOLDED | C-720-344 |
| C15 | .0011 MFD. MOLDED | C-720-338 |
| C16 | .00288 MFD. MOLDED | C-720-344 |
| C17 | .12 MMFD. COUPLER | C-720-354 |
| C18 | .08 MFD. 200V. | C-3202-28C |
| C19 | .08 MFD. 400V. | C-3204-28C |
| C20 | .1 MFD. 200V. | C-3208-58C |
| C21 | .00025 MFD. MOLDED | C-720-349 |
| C22 | .1 MFD. 200V. | C-3202-38C |
| C23 | .00005 MFD. MOLDED | C-720-320 |
| C24 | .05 MFD. 200V. | C-3202-28C |
| C25 | .1 MFD. 400V. | C-3204-38C |
| C26 | .06 MFD. 400V. | C-3204-28C |
| C27 | .2 MFD. 400V. | C-3204-40C |
| C28 | .1 MFD. 200V. | C-3202-38C |
| C29 | .00005 MFD. MOLDED | C-720-320 |
| C30 | .00005 MFD. MOLDED | C-720-320 |
| C31 | .00007 MFD. MOLDED | C-720-349 |
| C32 | .00028 MFD. MOLDED | C-720-319 |
| C33 | .0001 MFD. MOLDED | C-720-325 |
| C34 | .2 MFD. 200V. | C-3202-98C |
| C35 | .1 MFD. 200V. | C-3202-38C |
| C36 | .08 MFD. 200V. | C-3202-28C |
| C37 | .00028 MFD. MOLDED | C-720-319 |
| C38 | .1 MFD. 200V. | C-3202-38C |
| C39 | .08 MFD. 400V. | C-3204-28C |
| C40 | .05 MFD. 400V. | C-3204-28C |
| C41 | .1 MFD. 200V. | C-3202-38C |
| C42 | .008 MFD. 800V. | C-3209-72C |
| C43 | .08 MFD. 800V. | C-3208-84C |
| C44 | .25 MFD. 350V. ELECT. | A-14113-A |
| C45 | .18 MFD. 475V. ELECT. | A-14122-A |
| C46 | .25 MFD. 400V. ELECT. | A-14318-A |
| C47A & C47B | NO. 1 I.F. TRIMMER | B-7200-2Z |
| C48A & C48B | NO. 2 I.F. TRIMMER | B-7200-2Z |
| C49A & C49B | NO. 3 I.F. TRIMMER | B-7200-8G |
| C50 | 5-80 MMFD. TRIMMER | |
| C51 | 5-80 MMFD. TRIMMER | |
| C52 | 55-275 MMFD. TRIMMER | A-14448 |
| C53 | 55-275 MMFD. TRIMMER | |
| C54 | 150-450 MMFD. TRIMMER | |
| C55 | 150-450 MMFD. TRIMMER | |

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|-----|-----------------------------|----------------|-------------|
| R1 | 220,000 | 1/2 W. | C-2783-90B |
| R2 | 470,000 | 1/2 W. | C-2783-94B |
| R3 | 100,000 | 1/2 W. | C-2788-84B |
| R4 | 100,000 | 1/2 W. | C-2785-84B |
| R5 | 22,000 | 1/2 W. | C-2798-78C |
| R6 | 22,000 | 1/2 W. | C-2798-78C |
| R7 | 58,000 | 1/2 W. | C-2788-81C |
| R8 | 58,000 | 1/2 W. | C-2788-83B |
| R9 | 19,000 | 1/2 W. | C-2798-77A |
| R10 | 8,200 | 1/2 W. | C-2788-73A |
| R11 | 390 | 1/2 W. | C-2795-57B |
| R12 | 470,000 | 1/2 W. | C-2785-94B |
| R13 | 1 MEGOHM | 1/2 W. | C-2795-88B |
| R14 | 1000 | 1/2 W. | C-2795-82B |
| R15 | 100,000 | 1/2 W. | C-2785-84B |
| R16 | 470,000 | 1/2 W. | C-2785-84B |
| R17 | 470,000 | 1/2 W. | C-2785-84B |
| R18 | 47,000 | 1/2 W. | C-2785-82B |
| R19 | 180,000 | 1/2 W. | C-2785-89B |
| R20 | 250,000 | VOLUME CONTROL | A-14075-A |
| R21 | 1 MEGOHM | 1/2 W. | C-2785-84B |
| R22 | 220,000 | 1/2 W. | C-2795-90B |
| R23 | 220,000 | 1/2 W. | C-2795-80B |
| R24 | 220,000 | 1/2 W. | C-2798-90B |
| R25 | 470,000 | 1/2 W. | C-2785-84B |
| R26 | 220,000 | 1/2 W. | C-2785-90B |
| R27 | 180 | 1/2 W. | C-2798-52A |
| R28 | 18 | 1/2 W. | C-2795-116B |
| R29 | 18 | 1/2 W. | C-2785-116B |
| R30 | 10,000 | 1/2 W. | C-2798-74A |
| R31 | .8 MEG. TONE CONT. & SWITCH | | A-14112-A |

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| NO. FROM BACK OF SET | |
| 51 | ANT. PRI. SECTION |
| 52 | ANT. SEC. SECTION |
| 53 | R.F. PRI. SECTION |
| 54 | R.F. SEC. SECTION |
| 55 | OSC. PRI. SECTION |
| 56 | OSC. SEC. SECTION |

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|-----|-----------------|------------|
| L1 | B.C. ANT. COIL | A-14243-1 |
| L2 | POL. ANT. COIL | A-14243-2 |
| L3 | S.W. ANT. COIL | A-14243-3 |
| L4 | B.C. DET. COIL | A-14242-8 |
| L5 | POL. DET. COIL | A-14242-2 |
| L6 | S.W. DET. COIL | A-14242-3 |
| L7 | B.C. OSC. COIL | A-14241-8 |
| L8 | POL. OSC. COIL | A-14241-2 |
| L9 | S.W. OSC. COIL | A-14241-3 |
| L10 | NO. 1 I.F. COIL | A-12064-1B |
| L11 | NO. 2 I.F. COIL | A-12064-1B |
| L12 | NO. 3 I.F. COIL | A-14443-A |

