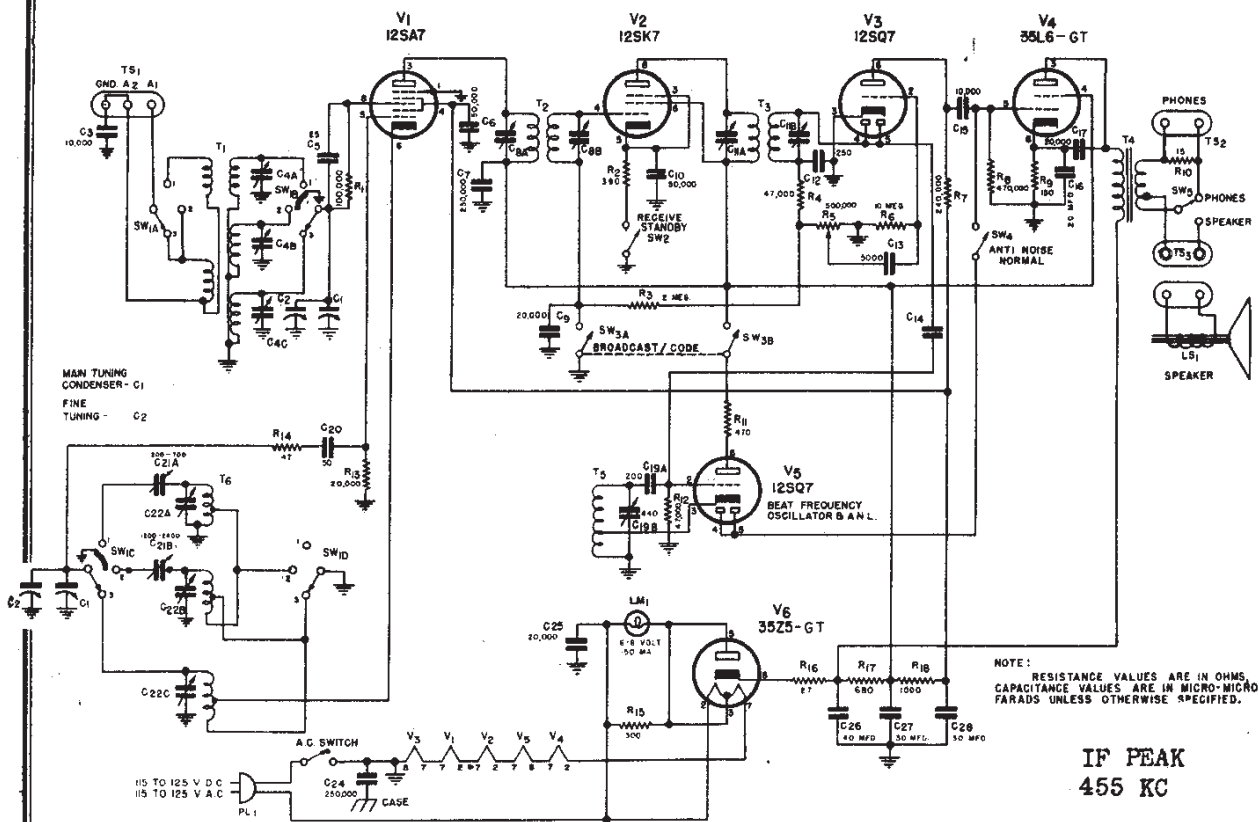


THE HALLICRAFTERS CO.

MODELS S-41G, S-41W



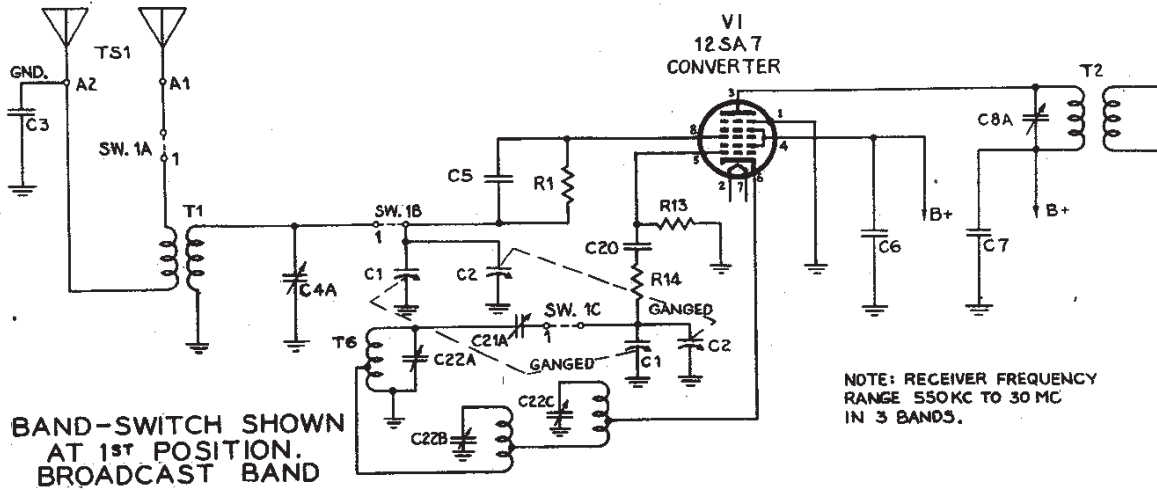
December 1945

**Foreign and Domestic Broadcast Reception.** - To receive broadcast stations set the controls as follows:

- VOLUME control** - Set at OFF when the receiver is not in use. Turn to the right until desired volume is obtained after tuning in the station.
- BAND SELECTOR switch** - Set at band number corresponding to the range covering desired frequency of reception.
- BROADCAST-CODE switch** - Set at Broadcast. This switch may be set at CODE to help tune in weak phone signals by tuning for zero beat and then switching back to BROADCAST.
- PHONES/SPEAKER switch** - Set at PHONES for headset reception; set at SPEAKER for loud-speaker reception.
- RECEIVE-STANDBY switch** - Set at RECEIVE when listening, set at STANDBY during short standby periods.
- FINE TUNING control** - Set at zero when tuning in stations with the MAIN TUNING control. Tuning dial calibrations are true only when the FINE TUNING pointer is set at zero. Use the FINE TUNING control for amateur band reception or for vernier tuning in the short wave bands.
- MAIN TUNING control** - Set main tuning pointer at frequency of desired station. FINE TUNING pointer must be set at zero for true calibration.
- ANTI NOISE-NORMAL switch** - Set at NORMAL unless background noise is excessive.

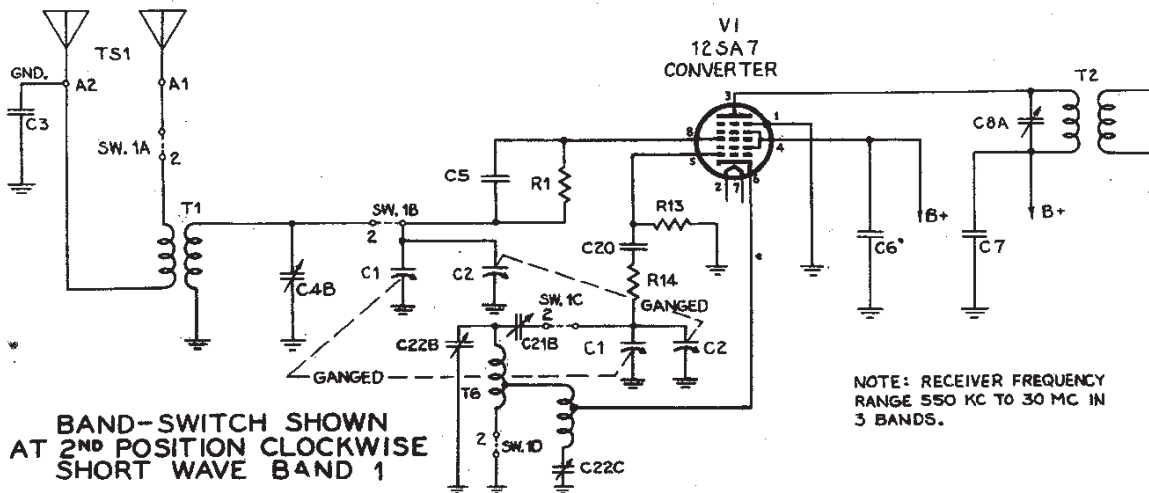
**Foreign and Domestic Code Reception.** - To receive code stations set the BROADCAST-CODE switch at CODE. All other controls are to be handled as for foreign and domestic broadcast.

*"clarified schematics"*



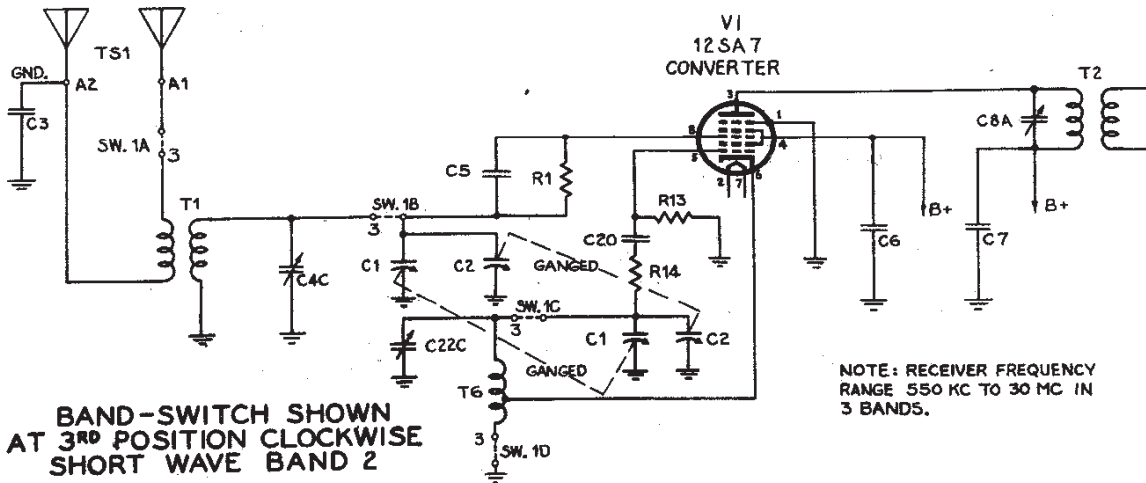
BAND-SWITCH SHOWN AT 1<sup>ST</sup> POSITION. BROADCAST BAND

NOTE: RECEIVER FREQUENCY RANGE 550 KC TO 30 MC IN 3 BANDS.



BAND-SWITCH SHOWN AT 2<sup>ND</sup> POSITION CLOCKWISE SHORT WAVE BAND 1

NOTE: RECEIVER FREQUENCY RANGE 550 KC TO 30 MC IN 3 BANDS.

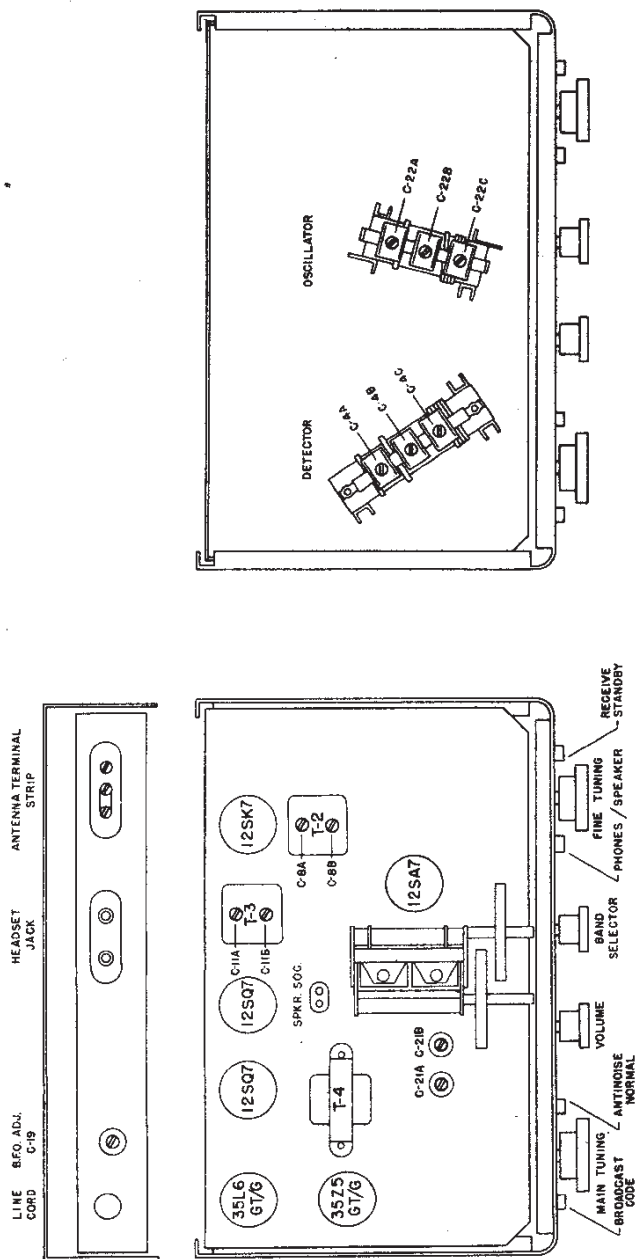


BAND-SWITCH SHOWN AT 3<sup>RD</sup> POSITION CLOCKWISE SHORT WAVE BAND 2

NOTE: RECEIVER FREQUENCY RANGE 550 KC TO 30 MC IN 3 BANDS.

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MODELS S-41G, S-41W



Listed below in table form, are the alignment frequencies and adjustments necessary to align the receiver. CAUTION - Do not connect signal generator ground directly to the chassis, connect it to the "G" terminal of the antenna terminal strip.

ALIGNMENT DATA

| Band | Signal Generator Frequency                          | Dummy Antenna | Adjust Pads                          | Adjust Trimmers          |
|------|-----------------------------------------------------|---------------|--------------------------------------|--------------------------|
| I-F  | 455 kc.                                             | None          | None                                 | C-8A, C-8B, C-11A, C-11B |
| BFO  | 455 kc.                                             | None          | Adjust capacitor C-19 for zero beat. |                          |
| 1    | 600 kc.                                             | 330 ohm       | C-21A                                | None                     |
|      | 1800 kc.                                            | 330 ohm       | None                                 | C-22A                    |
| 2    | 2.4 mc.                                             | 330 ohm       | C-21B                                | None                     |
|      | 7.0 mc.                                             | 330 ohm       | None                                 | C-22B                    |
| 3    | No low frequency adjustment on this band.<br>28 mc. | 330 ohm       | None                                 | C-22C                    |