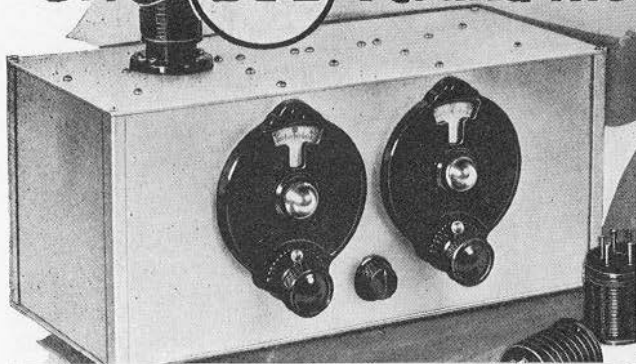


The (SM) "Round-the-World-Four"



The Silver-Marshall "Round-the-World-Four" was a milestone in shortwave receiver design over 50 years ago (1928). It was one of the first SW sets to use a screen-grid tube and to be fully shielded (almost). It used the then new UX-222 SG tube as a stage of un-tuned rf ahead of the regen detector. This gave smooth operation and prevented radiation. It was a rugged set built in a heavy aluminum box and was available in kit form. One wonders with all the nice shielding why the plug-in coil was on the top of the set. Why couldn't it have been recessed somehow in the cabinet?

The S-M "Four" was shortlived. It was eclipsed only a year or two later by the Pilot Super-Wasp and then the ever popular National SW-3. . both using tuned RF.

LIST OF PARTS

- 1 S-M 317 or Amsco .00014 tuning condenser, C1
- 1 S-M 316B or Amsco .00035 tickler condenser, C2
- 1 each S-M 131-T, 131-U, 131-V, and 131-W coils, L2
- 1 S-M 512 5-prong socket
- 2 S-M 277 R.F. chokes, L1, L4
- 1 S-M 275 R.F. choke, L3
- 1 S-M 818 hook-up wire (25 feet)
- 1 S-M 734 aluminum shielding cabinet with terminal strip
- 1 S-M 255 first stage A.F. transformer, T1
- 1 S-M 256 second stage A.F. transformer, T2
- 3 S-M 311 tube sockets
- 1 Yaxley 20-ohm midge rheostat, R4
- 1 Yaxley 500 switch attachment, SW
- 2 Yaxley insulated tip jacks
- 1 Na-Ald 481XS spring socket for detector
- 1 Polymet .00015 condenser, C5
- 1 Polymet .002 condenser, C6
- 1 Polymet .005 condenser, C4
- 1 Polymet grid leak mount
- 1 Polymet 5 megohm grid leak, R3
- 1 Durham 50,000 ohm resistor, R5
- 1 Sprague 1/4 mf. condenser, C3
- 2 Carter H-10, 10-ohm resistors, R1, R2
- 1 Carter H-2, 2-ohm resistor, R6
- 8 binding posts consisting of 8/32 screw, nut, and insulated top
- 2 National type B vernier dials.

