

THRESHOLD howl, the bugbear of the shortwave enthusiast, is not due to only one particular circumstance, but can arise from a large number of different factors.

The battery may be tested either by placing the tester directly across the battery or by testing the voltages on each valve. Place the positive of the voltmeter on the B terminal of the transformer adjacent to the valve to be tested, and the negative on B minus. The reading should be approximately that required by the valve, slightly higher, if anything, to allow for the drop across the trans-