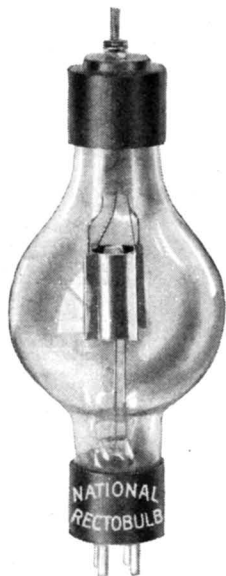


# NATIONAL RECTOBULB TYPE R-3



A Mercury Vapor Rectifier which will replace the standard rectifier tubes.

Normal Rating 250 mls  
Normal Voltage 3000 volts  
Filament volts.....10  
Filament amps.....1.7

Oxide coated Cathode of large size furnishes ample emission and long life.

Plate connection at top and standard UX socket at bottom.

Overall height  $7\frac{1}{2}$  inches  
Diameter of bulb 3 inches

Cy Barker at W9EGU reports "nothing short of Marvelous" on Discarding his Mercury Arc and installing Rectobulbs.

We are making prompt deliveries and prepay charges if cash accompanies Order.

**Price \$10 each**

We repair 203A tubes at **\$19**  
204 tubes at **\$50**  
204A tubes at **\$75**  
WE 211 tubes at **\$16.50**

All repairs fully guaranteed

**National Radio Tube Co.**

3420 18th Street  
San Francisco California

One evening I converted my short-wave Reinartz receiver into a B.C.L. set by means of placing a 23-plate variable condenser across the regular 5-plate tuning condenser.

I listened to several stations and finally hit upon WJAZ, Chicago; at the time broadcasting a special feature to MacMillan in the Arctic and asking listeners to send in requests to the Arctic Skeeters Club. As some of the announcements came into the head-phones at W9ABV I struck upon the idea of sending in requests by short wave if I could only get some fellow in Chicago.

I removed the 23 plate condensers and looked all over the 80-meter band for some fellow in Chicago calling CQ but none was heard. I called, "CQ Chicago" and "QST" to that city in attempt to attract the attention of some one there and finally on the sixth or seventh attempt I was very much pleased to hear W9ASE calling me. Wow!! You beginners talk about the thrill of the first QSO, I'll bet my best 50 watter that I got more kick out of hearing W9ASE call me than the first ten QSOs the beginner has. He was in Chicago. It meant success if he had the necessary telephone.

I asked if he would QSP a message to WJAZ at once via telephone, to which he answered in the affirmative. I gave him the message and in answering he said that he would return to the air in about 20 minutes.

Cautiously, I tuned back to WJAZ. The announcer was saying, "We have a special announcement to make. It is the first of its kind that has ever come to the studio of WJAZ. We are in receipt of a short-wave message from 9ABV at Campbell, Minn., sent to another short-wave station here in Chicago by the call of 9ASE who telephoned it to us. He wants to join the Arctic Skeeters Club, so Mr. Wells will proceed in the initiation."

The 20 minutes soon lapsed and I returned to 80 meters to hear W9ASE calling me. We soon retained our QSO and had a great conflag about the stunt.

— Howard W. Carlson, W9ABV.

(Schnell at 1BHW tried the same stunt successfully several years ago by getting into communication with a Chicago amateur and through him a Chicago broadcasting station. Guests were in the house at the time and they are said to have been "popeyed" when the announcement was made from the broadcasting station. — EDITOR.)

## Criticism Criticised

Ann Arbor, Mich.

Editor, QST:

Although the majority of us who have enjoyed QST for some years are at times dissatisfied with the contents of one or two issues, it hardly seems possible that anyone who has benefited to the slightest degree from it would write such a letter as was printed in the February, 1929, issue, page 58.