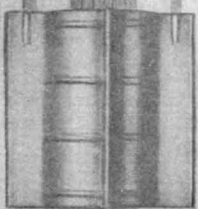


# THE NEW RK-36

A new triode designed for high plate efficiency and power output at all amateur frequencies. Like other Raytheon tubes designed for amateur service, the RK-36 has high mutual conductance and is Easy to Drive.



## CHARACTERISTICS

Filament Voltage . . . . .	5 Volts
Filament Current . . . . .	7.5 Amperes
Grid Plate Capacitance . . . . .	4.0 uuf.
Input Capacitance . . . . .	4.6 uuf.
Output Capacitance . . . . .	.85 uuf.
Typical Operation . . . . .	Class C Amplifier
Plate Voltage . . . . .	2000 Volts
Plate Current . . . . .	150 M. A.
D. C. Grid Current . . . . .	30 M. A.
D. C. Grid Voltage . . . . .	-360 Volts
Required Driving Power . . . . .	15 Watts
Power Output . . . . .	200 Watts

Write to the office near you  
for full technical data.

## RAYTHEON PRODUCTION CORPORATION

420 Lexington Ave. . . . .	New York, N. Y.
445 Lake Shore Dr. . . . .	Chicago, Ill.
415 Peachtree St. N. E. . . . .	Atlanta, Ga.
555 Howard St. . . . .	San Francisco, Cal.
55 Chapel St. . . . .	Newton, Mass.

**RAYTHEON**  
AMATEUR RADIO TUBES

## Correspondence

(Continued from page 56)

and the hams sit around chewing the fat on 'phone and c.w.; or the hams going to get in and get going on it? That is probably the reason they are having such a hard time of it; they need some help from the hams. So what say—please publish some dope in *QST* on the subject.

—Roy Seccomb, W8LWN

## QRR/SOS

480 Windemere Ave., Toronto, Ont., Canada

Editor, *QST*:

I wonder if any of the gang would be interested in hearing of an experience that happened to me back in 1923, or if anything of like nature has ever happened to others, wherein a broadcast station, a ham, and a commercial operator, all cooperated in getting assistance to a ship.

In 1923 I was operator on the S.S. *Canadian Adventurer*, XWD, carrying grain on the Great Lakes. One night, after clearing Chicago, we had the misfortune to pile up on a sand bar, about five miles north of the city. After trying to refloat ourselves, the attempt was given up and the old man filed a message to a salvage company in the city, requesting the services of a tug. The commercial station was not in operation that year. Great Lakes naval station was operating part time and the nearest coast stations available were Ludington and Frankfort. The equipment on board was the proverbial crystal receiver and a 2-kw. ice box xmtr with a very small antennae, and 75 miles was DX daytime range. Hi! To make matters worse the QRN was terrific and therefore couldn't even hear Frankfort or Ludington. What to do? What to do?

Just previous to the pile up I was listening to what I believe was WMAQ broadcasting a program of music. Couldn't help it, as he was coming in on 600 on my receiver. I reasoned that surely some ham who knew the code must be listening to the program too. Working on that theory I put the ash can on 300 meters and blazed away with something like this: (it sounds corny to me now, hi!) "Calling CQ CQ *QST*, etc." "If any ham in Chicago hears this please telephone the Salvage Company and tell them to send a tug to the assistance of S.S. *Canadian Adventurer*, aground, South Chicago. Sig XWD XWD." I repeated this several times and in between calls WMAQ was coming in better than ever and I just idly listened to the music. The old man came in to get the low down. I told him what the dope was and offered him one of the "Baldies" to hear the program. He sat down and got a big kick out of it as we very seldom heard broadcasts in those days. As we were listening the announcer told us that they were going to interrupt the musical program and use their test call "9XN"—"This is 9XN calling XWD XWD, etc., etc." I thought I was hearing things, but as the announcer continued, the old man thought there was some joke. His eyes bulged and the old jaw sagged. "We are taking this chance in hope that you may hear 9XN and inform you that a tug was dispatched fifteen minutes ago and is on its way to your assistance." I acknowledged the message on 300 and after an interval "9XN" came back and assured us that if needed, they would QRX until tug arrived, if not they would resume the pgm."

Very soon after this the tug bumped alongside and then got to work. While she was puffing away along comes the whole gang from Great Lakes Naval Station in a large surfboat. They took one look around, came aboard, said "Hello," and then scrambled (the midnight lunch was missing immediately after and I have grave fears as to where it disappeared. Hi!). They sure gave good service, anyway. I thought the whole U. S. Navy was paying us a midnight visit. Hi!

I never did find out the ham who relayed the dope to 9XN or WMAQ, but whoever it was, he sure helped us out of a jam. . . .

—S. J. Deemert, VE3BE

## More Frequencies

241 Lake Ave., Greenwich, Conn.

Editor, *QST*:

. . . I agree 100% with the idea of asking for a 20-mc. band (or 21 mc. for 7 mc. 3rd harmonic work), rather than asking for additional frequencies in any of our present bands.