



## ...built into every 276A tube!

Unusually rugged in structure, the 276A—for radio telephone transmitting—maintains uniform characteristics over a long life, as proved in many broadcasting stations.

The 276A is a three-element tube used as an oscillator, radio-frequency amplifier, modulator or audio-frequency amplifier. Low internal capacities permit operation over a wide frequency range. Characteristics are as follows:

Filament Voltage.....	10 volts
Filament Current.....	3 amperes
Average Characteristics with Plate Voltage of 1000 volts and a grid bias of -45 volts.	
Average Plate Current.....	100 milliamperes
Average Plate Resistance.....	3500 ohms
Average Amplification Factor.....	12
Average Mutual Conductance.....	3400 micromhos
Approximate Direct Interelectrode Capacities	
Plate to Grid.....	9.0 Mmf.
Plate to Filament.....	4.0 Mmf.
Grid to Filament.....	6.0 Mmf.
Maximum Operating Plate Voltage.....	1250 volts
Maximum Continuous Plate Dissipation.....	100 watts
Maximum Overall Length.....	7 15/16"
Diameter of Bulb.....	2 5/16"

For booklet describing this and 25 other Western Electric tubes, write Graybar Electric Co., Graybar Building, New York.

# Western Electric

RADIO TELEPHONE  
BROADCASTING EQUIPMENT

Distributed by GRAYBAR Electric Co.

It has been my personal experience that amateurs fear giving their local newspaper items on their doings. Not because they are afraid of not getting it printed, but because they fear the personal jealousy and censorship of *fellow amateurs*. Editors are chiefly concerned with names in presenting a story. They don't care what A.R.R.L. is doing in Hartford. They are interested in what Johnny Smith, amateur operator living at 611 Blank St., has accomplished by way of DX or traffic handling. Brother hams will immediately criticize Johnny as "boasting" about his station when they have been doing the same DX or traffic work for years. However, the little news items like the Smith one have done more to popularize amateur radio than any other single publicity medium. Townsfolk know the Smiths and are interested in their doings. Hundreds of readers who would never have heard of amateur radio are interested by Smith items.

I have written thousands of words in articles concerning amateur radio for such publications as *The Dallas News*, *Fort Worth Star-Telegram*, *Southern Aviation*, *Electrical South*, *American Boy*, etc., and nearly always find a hearty welcome. In so doing I have used photos of representative amateur stations and have had a hard fight securing such material from misunderstanding amateurs. Am now working on the story of amateur radio for one of the big mags and find it almost impossible to secure the loan of station photos and information regarding same. If every amateur would furnish his paper with choice items there would be no need to worry about the encroachment of commercial interests into our bands. We would have public sympathy!

Double space all newspaper copy and type it. Include names of local hams and their QRA's. Send along a picture, if possible. Don't hesitate to call the City Desk and ask the City Editor if he could use your dope. Let's quit being childish and advertise ourselves.

— Elbert Haling, W5HY

## Strays

The *Philadelphia Evening Bulletin* recently published a list of the first 100 in automobile registrations and their owners. It is interesting to note that No. 88 is assigned to Cardinal Dougherty of Philadelphia.

We hear of the ham who does things in a small way. Producing one thin dime at a radio shop, some ten feet of hook-up wire changed ownership. With this he assembled a power supply, two-tube transmitter and a three tube a.c. receiver, had 3 feet left over with which he got a rebate of one antenna insulator!

A hint for putting a finish on aluminum panels: If a small hunk of cloth is wadded up in the jaw chuck of a lathe or electric drill, wet, sprinkled with carborundum powder, and applied to the panel with pressure determined by experiment, a pleasing whorled finish will result. Care must