

242A mounted
in No. T-6
Coast Guard
transmitter.

Used in more sockets!

The Western Electric 242A general purpose tube—one of the most widely used transmitting tubes—is now available to amateurs for use as an oscillator, audio or radio frequency amplifier. This tube meets U. S. Government standards for the most severe communication conditions. It assures *more dependable transmission*.

First developed for service in U. S. Coast Guard equipment, the 242A is widely used in Western Electric sound reproducing systems, broadcasting equipment, airplane transmitters, trans-atlantic telephone apparatus. Dependability, uniformity, ruggedness and long life are built into every tube.

Filament Voltage.....	10
Filament Current, Amperes.....	3.25
Average Plate Resistance, Ohms.....	3500
Average Mutual Conductance, Micromhos.....	3600
Average Amplification Factor.....	12.5
Approximate Direct Inter-electrode Capacities:	
Plate to Grid.....	13.0 mmf.
Plate to Filament.....	4.0 mmf.
Grid to Filament.....	6.5 mmf.
Maximum Plate Voltage, DC.....	1250
Maximum Plate Current, DC, Amperes.....	0.150
Maximum Plate Dissipation, Watts.....	100
Maximum Overall Length.....	7-15 1/16"
Maximum Diameter.....	2-5 1/16"

For booklet describing this and 25 other Western Electric tubes for amateur use, write to Graybar Electric Co., Graybar Building, New York, N. Y.

Western Electric

RADIO TELEPHONE BROADCASTING EQUIPMENT

Distributed by GRAYBAR Electric Co.

Leo, W1BOC, Waldo H. Edmonds, W1GLN, and Phil Allen, W1DGJ.

Kansas fellowship expanded to maximum in the Saturday night entertainment at the Kansas National Guard Armory—and W1DBQ, as spokesman for the Maine four, promised with enthusiasm to return next year if it were necessary to walk. Even the world amateur convention at Chicago was a stop-over for them, on their 4000-mile jaunt.

Two division directors honored us with their presence—our own H. W. Kerr, W9GP, Little Sioux, Iowa, and the Rocky Mountain head, R. J. Andrews, W9AAB, of Denver, Colo., accompanied by his O. W. Speakers included Prof. L. C. Pasley, Kansas State College, Manhattan; Capt. W. A. Beasley, W9FRC; C. H. Annis, Kansas City, Hygrade-Sylvania representative; E. A. Roche, W9FLT; Guy Wilson, W9EL; Clifford W. Johnson, W9BUY; E. Earl Harden, W9FMX, and Ens. Harry E. Legler, C-V (S) U.S.N.R., W9PB. Conferences of the O.R.S., led by O. J. Spetter, W9FLG, SCM for Kansas; of the A.A.R.S., led by Director Kerr, radio aide, seventh corps area; of the USN Communication Reserve, led by Ens. A. W. Hodge, C-V (S), W9CFL, and the CX7 association led by Captain Beasley, preceded the special entertainment Saturday night.

C. W. Loeber, acting inspector-in-charge of the F.R.C. Kansas City office, conducted examinations for amateur licenses, and was featured speaker Sunday at the banquet, explaining new regulations and prescribing the routine through which recipients of the green and pink QSL's can preserve their precious tickets.

— F. K. T.

The Oklahoma State Convention

(The West Gulf Div.)

THE Red Lacquer Room of the Alvin Hotel in Tulsa, June 16th and 17th, was busy as a bee hive when the Tulsa Amateur Radio Club staged a real convention. Guests from all over the state were cordially greeted by President John Douglas.

Howard Hamilton, convention manager, showed his versatility by giving the delegates three musical selections on the xylophone. Such contests as needle threading, radio word spelling-bee, won by W5CCV and W5CSU respectively, helped relieve the seriousness of speeches. Director Frank Corlett gave a 25-minute talk on A.R.R.L. and I.A.R.U. Director Corlett is the Dean of Divisional Directors and last May presented his seventeenth annual report at the annual meeting, so his talk was based on actual knowledge of conditions and progress made by the organization over so many years. Jim Pitcher spoke interestingly on photo-cells and demonstrated their application in a talking moving picture machine. Visits were made to Dept. of Commerce airways station, the Municipal airport and Bell Telephone Building. The Army and Navy were well represented by Carter Simpson and Charles Dunn respectively. Liars, pie-