



# TELE-TECH's NEWSCAST

## Bell TV Network Program

In 1949 the Bell System will double the number of miles of television network channels now available and will bring its network service to thirteen additional cities, according to the Long Lines Department of the American Telephone & Telegraph Company. By the end of this year there will be some 8,200 miles of television channels in operation, spread over a Bell System inter-city network which will then extend 2,850 miles and link 27 cities.

By summer, under present plans, the fourteen cities already on the Bell System's television network will be joined by Providence, R. I., and Wilmington, Del. By Fall it is expected that the following cities will be linked: Lancaster and Erie, Pa., and Rochester, N. Y., and Dayton, Columbus, and Cincinnati, Ohio. Toward the end of the year, it is planned to equip the existing coaxial route between New York City and Albany, N. Y. for television transmission and to extend it, by radio relay, to Syracuse, which would permit Bell System service to Schenectady, Utica and Rome as well.

## Citizens Radio Rules Adopted

Rules for the licensing of Citizens Radio Service Stations on a regular basis have been adopted as final by the FCC and will become effective June 1, 1949.

The prelude to the Citizens Radio

## ELECTRONTYPE DESIGNER



J. T. McNaney, inventor of the Charactron, is shown examining one of the experimental tubes. The tube is the chief component of Electrontype, a new method of high speed communication (see TELE-TECH, March, '49, p. 47). Inset is closeup view of Charactron used for numerical displays. McNaney conducted experiments at the Consolidated Vultee Aircraft Corp., San Diego, Calif.

Service dates from May 1945, when the Commission's allocations report established a band for the operation of "citizens stations." In accordance with this allocation, technical regulations for citizens stations came into effect December 1, 1947, and were designated as Part 19 of the Commission's rules. To supplement these technical requirements, proposed regulations dealing with the licensing and administration of citizens stations were issued by the Commission August 12, 1948 as proposed rules. In finalizing these procedural requirements, the Commission is recognizing Citizens Radio as a full-fledged service.

Generally, any citizen of the United States who is 18 years of age or older will be eligible for a station license. Licenses will be valid for a period of 5 years and the station license is normally the only authorization that will be required for operation of a citizens station.

## Hedges Succeeds Kobak to Head Radio Pioneers

William S. Hedges, vice-president in charge of planning and development of National Broadcasting Co., has been elected president of the Radio Pioneers Club, New York City, succeeding Edgar Kobak, president of the Mutual Broadcasting System.

Other officers named are Frank E. Mullen, president of Good Will Stations, Inc., Detroit, first vice-president; Arthur Church, president of KMBC, Kansas City, Mo., second vice-president; Paul W. Morency, general manager of WFIC, Hartford, Conn., vice-president and secretary; Orestes H. Caldwell, editor of Tele-Tech, vice-president and treasurer; Edgar Bill, president of WMBD, Peoria, vice-president, and J. R. Poppele, vice-president of WOR, vice-president.

## TBA Names New Committees

Keeping pace with the immense growth of the television industry during the past year, the Television Broadcasters Association, Inc., 500 Fifth Ave., New York, N. Y., has embarked on a program of expanded activity, which, it is expected, will increase the services and staff on a considerable basis before the end of 1949.

Committee chairmen named by J. R. Poppele, president, for 1949 include: F. J. Bingley, engineering; Lawrence W. Lowman, program; G. Emerson Markham, commercial operations; Dr. Allen B. Du Mont, membership; O. B. Hanson, television station operations and standards; Mr. Lowman, finance; Paul Raibourn, publicity and promotion; Dean Kenneth Bartlett of Syracuse University, educational committee and Ernest A. Marx, chairman of the affiliates division.

## TESTING TRANSMITTER SITE



A helium-filled balloon carrying a pulse transmitter and antenna is raised by RCA engineers who are studying TV transmission characteristics of site in the Philadelphia area. Receiving unit is mounted in a truck and is powered by a motor generator

## Coming Events

May 2-4—International Scientific Radio Union and IRE, Joint Meeting, East Bldg. Lecture Room, National Bureau of Standards, Washington, D. C.

May 5-7—Acoustical Society of America, 20th Anniversary Meeting, Hotel Statler, New York City.

May 16-19—RMA and Radio Parts Show, Hotel Stevens, Chicago, Ill. RMA 25th Anniversary.

May 26-27—Society of the Plastics Industry, Annual Meeting, Edgewater Beach Hotel, Chicago.

June 3-4—IRE, Dayton Section, Conference on Airborne Electronics, Biltmore Hotel, Dayton, Ohio.

June 20-25—American Institute of Electrical Engineers, Summer General Meeting, Swampscott, Mass.

August 23-26—American Institute of Electrical Engineers, Pacific General Meeting, Fairmont Hotel, San Francisco.

August 29 - September 1—Associated Police Communication Officers, National Conference, Hotel New Yorker, New York City.

September 26-28—National Electronics Conference, Edgewater Beach Hotel, Chicago.