

interference-free aural and visual service with programs intended to serve the needs and interests of the public. Whenever possible, more than one service is provided in order to enhance competition and permit a wider choice of programs.

#### TELEVISION SERVICES

Today there are over 1,000 authorized television stations including 824 commercial stations and 185 educational stations; 594 stations are authorized to operate in the very-high-frequency portion of the spectrum and 415 stations in the ultrahigh portion of the spectrum. Ninety-four percent of all homes have television sets and almost one out of every five homes has a color TV set. In the average home, television is viewed about 5½ hours a day. Some individual television programs of major interest or importance are viewed by as many as 60 million persons. There are about 140 of the 185 authorized educational television stations on the air. These stations cover areas containing about two-thirds of of the population. About 12 to 15 million students in more than 2,000 schools receive part of their instruction through educational television stations. The educational television stations also provide for home audiences a variety of programs seldom available on commercial television. A new service recently authorized by the Commission and rapidly growing is the instructional television fixed service (ITFS), which provides for point-to-point transmission of television rather than general broadcasting to homes. This service permits school systems to transmit and receive simultaneously a number of television programs. By thus providing greater flexibility ITFS should increase the in-school use of instructional television.

#### AURAL SERVICES

In the aural broadcast service we have authorized some 4,220 standard (AM) broadcast stations and some 2,050 frequency modulation (FM) broadcast stations. Of the FM stations, 345 are authorized to operate as educational stations. With development of small portable receivers the aural broadcast service can now be received in practically every situation the public finds itself—at home, in the office, in the automobile, at the beach, and while walking. Today virtually every home has at least one radio receiver and the average family has four. Radio, together with television, has become the principal sources of news, information, and entertainment for the American public.

#### CONTINUING BROADCAST ACTIVITIES

Fundamental to all other functions is the continued processing of applications for AM, FM, TV, and associated auxiliary services. The latter mentioned services include: international, relay and studio link, developmental, experimental, and remote pickup. The estimated fiscal year 1968 output for application processing is in excess of 19,500.

Continuing efforts are made by rulemaking procedures to aid in the orderly development of the several broadcast services, especially frequency modulation stations (FM), ultra-high-frequency television stations (UHF), and noncommercial educational stations—both aural and television. Special emphasis has been placed on these particular classes of stations because the full potential of these services has not yet been achieved.

Continuing studies are being made of developments and trends in network broadcasting. Studies and negotiations are underway at the present time in connection with international commitments and treaty obligations. The United States and Canada are presently engaged in negotiating modified agreements covering FM and television services. The United States and Mexico are presently negotiating a modified standard broadcast agreement. Preliminary discussions have been held looking toward negotiations between the United States and Mexico for an agreement on FM services.

Name of the official having direct operational responsibility over the program is George S. Smith, Chief, Broadcast Bureau.

Mr. HYDE. We have the Chief, Mr. George Smith.

Mr. BROOKS. He can do it concisely. If he is just an ordinary man it would take him 10 minutes, but as smart as he is he can take it in three.

Mr. HYDE. I think he can do it in three, if you say so.