

## CBS Color

(Continued from page 20)

that the importance of the question would bring FCC action at the earliest possible moment [BROADCASTING, Oct. 7].

CBS asked for (1) allocation of the 480-920 mc band, now used for television experimentation, for commercial color video operation as an adjunct to present low-band black-and-white; (2) changes in Engineering Standards to cover color television operation in the ultra-high frequencies; (3) a hearing.

The network contended that the basic technical stages of UHF color have been completed, and that further significant advances can be made only under conditions of commercial broadcasting with regularly scheduled program service. "So long as color television continues in an experimental status," CBS said, "the entire industry will be subject to uncertainty and the investment of the public and broadcaster in low-frequency black-and-white television may be in jeopardy."

### Issues

The Commission announced nine issues for the hearing. They are:

1. To obtain full information concerning the system of ultra-high frequency color television developed by petitioner, and in particular, with respect to the following matters:

(a) A full and detailed description of the method of transmitting pictures including the color characteristics and color frame frequency employed.

(b) A full and detailed description of the method or methods of transmitting the aural portion of the program.

(c) A full and detailed description of the channel width employed, the field intensities necessary for rendering adequate service to city and rural areas, and the adjacent and co-channel ratios of interference which are required for rendering adequate service.

(d) A full and detailed description of the method employed in live pickup from studio or outdoor day and night events.

(e) A full and detailed description of petitioner's experiments with respect to transmission of program by coaxial cable or radio relay.

(f) Size of picture for receivers employing direct view or projection method.

(g) Brightness of picture for receivers employing direct view or projection method.

(h) A full and detailed description of transmitting and receiving equipment (including antennas) employed by petitioner in its experiments, a statement of the actual cost of such equipment, and an estimate of the cost of such equipment for various stages of mass production (e.g., 1,000 units, 10,000 units, 100,000 units, 1,000,000 units, etc.).

2. To obtain full information concerning any field tests conducted by petitioner or others with respect to transmitters and receivers employing the standards proposed by petitioner for the purpose of ascertaining whether they have been adequately field tested. If adequate field tests have not been made, to ascertain how long a period would be required for such tests.

### Combination Receiver

3. To obtain full information concerning the practicability from a technical and economic standpoint of constructing a television receiver capable of covering television channels 1-13 and also the band 480-920 megacycles as proposed by petitioner.

4. To determine how soon after the Commission approves Standards of Good

# 11 Conditional FM Permits, 18 CPs, Authorized by FCC

CONDITIONAL GRANTS for 11 new FM stations and construction permits for 18 others, most of which had conditional authorizations, were issued by the FCC last Thursday.

At the same time the construction permit previously issued to Fort Hamilton Broadcasting Co. (WMOH), Hamilton, Ohio, was modified to authorize a Class B instead of Class A station, subject to engineering approval.

The Commission also granted regular permits to four applicants "in lieu of previous conditions specified" at the time their permits were authorized. These went to Cornell U. (WCHU), Ithaca, N. Y.; North Shore Broadcasting Co., Evanston, Ill.; Portsmouth (Va.) Radio Corp. (WSAP), and Richard Field Lewis Jr. (WINC), Winchester, Va.

All but two of the conditional grants were for Class B stations. The Class A grants went to Jay R. David, Tiffin, Ohio, and KWIN Ashland, Ore. All but three of the regular permits were for Class B operation.

Six of the 11 conditional grantees and 12 of the 18 new permittees are affiliated with AM stations, either as licensees or permittees or through interests of individual stockholders.

Newcomers to station ownership among the conditional grantees include a firm in which Rep. Robert F. Jones (R-Ohio) is a minority stockholder. The firm, Northwestern Ohio Broadcasting Corp., Lima, Ohio (Class B authorization), is headed by George E. Hamilton (27.2%). Mr. Hamilton and William R. Rickman and Robert W. Mack, who also have 27.2%

each, are engaged in banking and retail businesses. Mr. Jones and Edward Cooper, Washington, D. C., have 9.2% each.

Other newcomers, according to FCC records:

Lancaster Broadcasting Co., Lancaster, S. C. (Class B), is owned by Springs Foundation Inc., an educational and charitable organization at Lancaster.

Colony Broadcasting Corp., New Haven, Conn. (Class B), is principally owned (65%) by Church Court Corp., owner of a New Haven office building, and Sol D. Chapiro, who owns 33%. Samuel Botwinick, part owner of Church Corp., is president.

Jay R. David, who received a Class A conditional grant for Tiffin, is a former Navy officer, now electrical engineer of Cleveland Electric Illuminating Co.

Sunflower Broadcasting System, Kansas City, (Class B), erroneously listed by FCC on Sept. 5, as already having a conditional construction permit, received its conditional Thursday. The firm is a partnership of Harry Butler, engaged in the undertaking business, and Harry Scherzer, owner of a beer distributing company.

Sun County Broadcasting Co., which has new AM stations at Phoenix and Tucson, Ariz., received conditional grants for Class B FM outlets at both cities. Other applicants with AM affiliation who received conditionals were WICA Ashtabula, Ohio, Class B; KWIN Ashland, Ore., Class A; WRR Dallas, Class B, and WRNL Richmond, Class B.

FCC said "conditions" were attached to the construction permits, mostly of a minor engineering nature. Permittees, with AM interest shown in parentheses, are as follows (power is effective radiated power; antenna height, height above average terrain):

Donald W. Reynolds (AM grantee), Fort Smith, Ark.—Class B, 101.3 mc (channel No. 267), 180 kw, 802 ft.

Marysville-Yuba City Broadcasters (KMYC), Marysville, Calif.—Class B, 92.7 mc (channel No. 224), 4.7 kw, 395 feet.

Belvedere Bestg. Corp., Baltimore, Md.—Class B, 98.9 mc (channel No. 255), 20 kw, 390 feet.

E. F. Peffer (KGDM), Stockton, Calif.—Class B, 101.3 mc (channel No. 267), 39 kw, 310 feet.

Cornbelt Bestg. Corp. (KFOR), Lincoln, Neb.—Class B, 97.3 mc (channel No. 247), 25 kw, 820 feet.

F. C. Todd (WGNC), Gastonia, N. C.—Class B, 102.1 mc (channel No. 271), 11.1 kw, 890 feet.

Catawba Valley Bestg. Co. (WHKY), Hickory, N. C.—Class B, 99.5 mc (channel No. 258), 180 kw, 965 feet.

Radio America Co., San Juan, P. R.—Class A, 105.1 mc (channel No. 286), 330 w, 270 feet.

Tri-State Bestg. Corp., Evansville, Ind.—Class B, 93.9 mc (channel No. 230), 20 kw, 330 feet.

Thomas Garland Tinsley Jr. (WLEE), Richmond, Va.—Class B, 97.9 mc (channel No. 250), 21 kw, 290 feet.

Mayflower Bestg. Co., Huntington, W. Va.—Class A, 104.3 mc (channel No. 282), 275 w, 150 feet.

Voice of Alabama (WAPI), Birmingham, Ala.—Class B, 94.3 mc (channel No. 232), 13.7 kw, 640 feet.

Northern Bestg. Co. (WSAU), Wausau, Wis.—Class B, 94.9 mc (channel No. 235), 19.5 kw, 500 feet.

Stark Bestg. Corp., Canton, Ohio—Class B, 98.3 mc (channel No. 242), 15 kw, 275 feet.

Scioto Bestg. Co. (WPAV), Portsmouth, Ohio—Class B, 103.9 mc (channel No. 280), 4 kw, 525 feet.

Sharon Herald Bestg. Co., Sharon, Pa.—Class B, 102.9 mc (channel No. 275), 26 kw, 455 feet.

Findlay Radio Co. (WFIN), Findlay, Ohio—Class B, 101.7 mc (channel No. 269), 8.2 kw, 245 feet.

Santa Clara Bestg. Co. (KSJO), San Jose, Calif.—Class A, 105.5 mc (channel No. 288), 1 kw, minus 610 feet.

HERBERT FEARNHEAD, former RAF flight lieutenant, and before service in NBC auditing department, has been appointed ABC Western Division purchasing agent.

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