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ROPER EXPLAINS COMMUNICATIONS STUDY

The Roper Committee on Communications, now studying wire, radio and cable regulations, is the outgrowth of the Transportation Committee appointed by the President shortly after March 4, the Secretary of Commerce said this week.

"In order to clarify some of the questions that have been raised within the last few days concerning our Committee on Communications," said Secretary Roper, "I want to state that this committee was formed to continue studies which were begun in connection with the departmental reorganization work launched immediately after March 4.

"The entire subject of transportation is divided into four divisions: land, water, air and communications. Studies relating to the first three divisions are being conducted by the Federal Coordinator of Transportation, Honorable Joseph B. Eastman, the authority for such being embodied in legislation enacted by the last session of Congress and approved by the President.

"Immediately after March 4, a Transportation Committee was formed to study and advise in relation to departmental reorganization plans. The Committee on Communications is an outgrowth of the Transportation Committee which is now simply coordinating in an advisory capacity with Mr. Eastman. This leaves, therefore, for the full launching of this study the communications unit, and for this particular study an interdepartmental committee has been appointed consisting of:

Hon. Daniel C. Roper, Secretary of Commerce; Dr. W. M. W. Splawn, Advisor, House Committee on Commerce; Dr. Irvin Stewart, Department of State; Lt. Com. E. M. Webster, Coast Guard, Retired, Treasury Department; Maj. Gen. Irving Carr, War Department; Capt. S. C. Hooper, Navy Department; Maj. Gen. C. McK. Saltzman, Commerce Department; Dr. J. H. Dellinger, Bureau of Standards; Herbert L. Pettey, Federal Radio Commission; Senator Dill of Washington; Representative Rayburn of Texas.

"This committee is making a study of the subject of communications with the primary view of working out a more definite interdepartmental arrangement in the interest of better service, more economically administered. In making this study it is conducting a survey of the field of communications, but no further directions regarding its work have been given. As this study has just been initiated, it is not possible to say when it will be completed, but it is hoped that it may be in its final stages by the end of this calendar year. As the committee is at present concerned with interdepartmental problems, it is not possible at this time to define the scope of its further studies in order to anticipate in any way what the committee may recommend in its report to the President, through the Secretary of Commerce."

NRA CODE CONFERENCES CONTINUED

There were no important developments during the week in connection with the code of fair competition for the broadcasting industry although conferences which have been in progress for the past several weeks were continued.

The principal point of difference now existing still revolves around the hours of work provisions as applied to technicians. Changes of a minor nature have been agreed upon and the general form has been altered somewhat to conform with the style approved by the NRA.

It has been agreed that the administration of the code shall be vested in a Code Authority to be appointed by the President of the United States during a temporary period of 90 days during which time this code authority shall recommend a permanent form of administration.

CANADIAN RADIO OFFICIALS VISIT U. S.

A delegation of Radio Officials of Canada visited Washington last week and conferred with officials of the Federal Radio Commission concerning an allocation plan for frequencies in the band 1500-6000 kc.

COMMISSION DECIDES KYW CASE

The Commission (Commissioner Hanley not participating), handed down its decision today in the so-called "1020 and 1160 kc. cases," in which Kunsky-Trendle Broadcasting Corp., of Detroit; and 15 other applicants were involved. These cases came on for hearing July 18, 1932, and on succeeding days much testimony on the entire group was taken before Examiner Elmer W. Pratt. The Examiner submitted his report on October 28, 1932, after which many of the parties involved filed exceptions and requested oral arguments, and on March 15, 1933, oral argument was heard before the Commission en banc.

The decisions follow:

- KYW—Westinghouse Electric & Manufacturing Co., Chicago, Ill.—Granted CP for new 10-KW transmitter at a proposed location near Philadelphia, to be operated in accordance with the proposals contained in said application and the testimony produced at hearing in support thereof. Granted renewal of present license on a temporary basis authorizing the continued operation of KYW at Chicago, pending the construction of the new transmitter at Philadelphia.
- WXYZ—Kunsky-Trendle Broadcasting Corp., Detroit, Mich.—Denied application for new 10-KW station at Detroit, to operate on 1020 kc. Applicant proposed to abandon WXYZ if application for new station were granted.
- WJAS—Pittsburgh Radio Supply House, Pittsburgh, Pa.—Denied CP for increase in power from 1 KW to 5 KW, and a change in frequency from the regional channel, 1290 kc., to 820 kc., a clear channel assigned to WHAS at Louisville, proposing that 1020 kc. be assigned to WHAS.
- WHAS—The Courier-Journal and the Louisville Times Co., Louisville, Ky.—Granted renewal of license to continue operation on 820 kc.
- WFAN—Keystone Broadcasting Co., Philadelphia, Pa.—Denied CP for change in frequency from 610 kc. to 1020 kc., sharing with WIP, and increase in power from 500 watts to 5 KW.
- WIP—Gimbel Bros., Inc., Philadelphia, Pa.—Denied application for CP to change frequency from 610 kc. to 1020 kc., and increase in power from 500 watts to 5 KW.
- WCAU—Universal Broadcasting Co., Philadelphia, Pa.—Denied CP to change frequency from 1170 kc. to 1020 kc.
- WRAX—WRAX Broadcasting Co., Inc., Philadelphia, Pa.—Granted CP for modification of license to change frequency from 1020 kc. to 920 kc., a change in power assignment from 250 watts day and night to 250 watts night and 500 watts day, and change in operating time from daytime to sharing time with Station WPEN, Philadelphia. This change will result in improved service in the Philadelphia area.
- WPEN—Wm. Penn. Broadcasting Co., Philadelphia, Pa.—Granted CP for modification of license to change frequency from 1500 kc. to 920 kc., to change power assignment from 100 watts night and 250 watts day to 250 watts night and 500 watts day, and to change hours of operation from unlimited time to part time, sharing with WRAX. This change will result in improved service in the Philadelphia area.
- WIBG—WIBG, Inc., Elkins Park, Pa.—Granted renewal of license and modification of license changing frequency from 930 kc. to 970 kc., and increasing power from 25 watts to 100 watts.

This grant will result in an improvement in service from that station, and there will be no objectionable interference to any existing station.

WORK—York Broadcasting Co., York, Pa.—Granted renewal of license on present frequency—1000 kc., with 1 KW power, as licensed at present.

WHN—Marcus Loew Booking Agency, New York—Granted renewal of license to operate on 1010 kc., with 250 watts, sharing with WRNY and WQAO-WPAP as at present.

WRNY—Aviation Radio Station, Inc., New York—Granted renewal of license to operate on 1010 kc., with 250 watts, sharing with WHN and WQAO-WPAP as at present.

WQAO-WPAP—Calvary Baptist Church, New York—Granted renewal of license to operate on 1010 kc., with 250 watts, sharing with WHN and WRNY as at present.

WOWO—Main Auto Supply Co., Fort Wayne, Ind.—Denied modification of license to permit full-time operation on 1160 kc., a clear channel now shared with WWVA at Wheeling, W. Va., and denied CP to increase power from 10 KW to 25 KW. It was proposed that WWVA be assigned to 1290 kc., now used by WJAS.

WWVA—West Virginia Broadcasting Corp., Wheeling, W. Va.—Denied modification of license so as to operate full time on 1160 kc.; granted renewal of license on present basis, i. e., sharing time on 1160 kc. with WOWO.

In explaining how it reached its decision, the Commission declared:

"Consideration of the relative merits of the different applications for 1020 kc. is aided by a comparative study, first, of the population, quota status, present service, service needs and requirements, interference problems of the cities and communities involved: and second, of the relative merits of each of the applications with reference to financial responsibility, technical equipment, past, present and proposed programs, service, etc."

All of these questions are discussed fully in the decision.

In its statement of Facts and Grounds for Decision the Commission took up first the proposal to use 1020 kc. at Detroit, then the proposal that 1020 kc. be used at Louisville, Ky., and 820 kc. at Pittsburgh; next the several proposals to use 1020 kc. at Philadelphia, then KYW's application for renewal of license at Chicago, and lastly applications relating to 1160 kc.

Referring to the application of Westinghouse Electric & Mfg. Co. to move its station from Chicago to Pennsylvania, the Commission sets forth, among other things:

"This applicant proposes to construct a transmitter in the vicinity of Whitemarsh, Pa., 10 or 12 miles northwest of Philadelphia City Hall. This location was chosen with a view to rendering as effective service to the Philadelphia metropolitan area as possible and by means of suitable antennae array, with a minimum of interference with stations on adjoining channels.

"The studios will be located in the Westinghouse Building, 13th and Walnut Streets, and the programs and service will be similar to those now rendered in Chicago."

Discussing the qualifications of applicants, the Commission says:

"While each of the applicants for 1020 kilocycles is financially responsible and otherwise qualified to carry out his proposal, the Westinghouse Electric and Manufacturing Company, licensee of KYW, has a superior financial standing, greater technical resources, more extensive broadcasting experience, etc., than any of the other applicants. Although there exists in a licensee no property or priority rights in a frequency, it has been held that a licensee with a good past record and substantial investment in his station should not be deprived of his license except for compelling reasons. In *Chicago Federation of Labor v. Federal Radio Commission* (41 F. (2d) 422) the Court of Appeals of the District of Columbia said: 'It is not consistent with true public convenience, interest, or necessity, that meritorious stations . . . should be deprived of broadcasting privileges when once granted to them, which they have at great cost prepared themselves to exercise, unless clear and sound reasons of public policy demand such action. The cause of independent broadcasting in general would be seriously endangered and public interest correspondingly prejudiced, if the licenses of established stations should arbitrarily be withdrawn from them, and appropriated to the use of other stations . . .'"

With reference to the various proposals to use the frequency 1020 kilocycles in Philadelphia, Pa., the Commission declares:

"One of the proposals to use the frequency 1020 kilocycles at Philadelphia, is that of the Westinghouse Electric and Manufacturing Company, licensee of KYW.

"The Westinghouse Electric and Manufacturing Company is a Pennsylvania corporation with extensive manufacturing interests

in Philadelphia and other cities. On December 31, 1931, it had total assets of \$222,819,777.74; liabilities other than capital stocks of \$10,461,793.38, a surplus of \$79,050,324.06, and a net worth of \$212,358,074.06.

"The Westinghouse Electric and Manufacturing Company first entered the radio broadcasting field in 1920, when the election returns of that year were broadcast through a station in Pittsburgh which later became known as KDKA. Through its research and experimental activities this company has contributed largely to the development of the radio arts and industries with particular reference to the practice of maintaining frequency by crystal control, the synchronization of broadcasting stations, the development and perfection of transmitters suitable for high power, as well as for the use of shortwave long distance communications; the development and use of remote control apparatus and studios, and the employment of directional antenna in connection with short-wave operations.

"KYW was the first radio broadcasting station in Chicago, construction having been completed and operation commenced in November, 1921. The station has since been operated continuously by the present licensee and has been maintained in keeping with the progress of the radio art, many of the new developments having been installed in this station earlier than in any other. Since about the first of August, 1925, the station has been operated with a power of 10 kilowatts. Operas were broadcast direct from the stage during the first month after completion of the station; and later; musical programs, market reports of the Department of Agriculture, news bulletins from the Associated Press in connection with the *Chicago Tribune*, and market quotations direct from the grain pit of the Chicago Board of Trade were broadcast. The year following, additional studios were opened in the Hearst Building, and later, studios were added in the Congress Hotel."

The Commission further states:

"The Fourth Zone being greatly over-quota and the Second Zone considerably under-quota, the withdrawal of 1020 kc. from the Fourth Zone and its assignment for use in the Second Zone would tend toward the equal distribution of broadcasting facilities among zones required by Section 9 of the Radio Act of 1927, as amended, and Paragraph 111 of the Commission's Rules and Regulations.

"As between Michigan and Pennsylvania, the two states in the Second Zone from which applications for 1020 kc. were filed, Pennsylvania being more under-quota than Michigan, the allocation of this facility to Pennsylvania would be more consistent with the requirements of Section 9 of the Radio Act of 1927 as amended, and Paragraph 111 of the Commission's Rules and Regulations providing for a fair and equitable distribution of facilities among states, according to population, than would its allocation to Michigan.

"Of the metropolitan areas of the four cities from which come the applications for 1020 kc., viz Detroit, Pittsburgh, Philadelphia and Chicago, the Philadelphia area has fewer transmission facilities in proportion to population and the number of receiving sets than any of the others.

"While reception is had in Detroit, Philadelphia and Chicago from stations located outside their metropolitan areas, and while the Pittsburgh area depends almost entirely for reception upon stations located therein, there are more transmission facilities in Pittsburgh area than in either the Detroit or Philadelphia areas."

Concerning its decision in the "1160 case", the Commission says:

"The granting of WOWO's application for full time on this channel would reduce the facilities of a state and zone already under-quota and would thus be inconsistent with Section 9 of the Radio Act of 1927."

In its opinion the Commission sustained the recommendations of former Examiner Elmer W. Pratt.

WHAS APPEAL DISMISSED

The appeal of Station WHAS against a decision of the Radio Commission in which it granted WFIW permission to move from Hopkinsville to Louisville, Ky., was dismissed this week by the Court of Appeals of the District of Columbia. The appeal was dismissed at the request of the applicant station.

SUPREME COURT DENIES WLOE APPEALS

Writ of certiorari was denied by the United States Supreme Court this week in case No. 446 of the Boston Broadcasting Company, Station WLOE against the Radio Commission and case No. 447 of William S. Pote, also against the Radio Commission.

In the case of Station WLOE the Radio Commission refused to grant a license renewal and a temporary license which it had was

terminated. The station appealed to the Court of Appeals of the District of Columbia which upheld the Commission and then appeal was filed in the United States Supreme Court which has now denied further appeal.

In the case of William S. Pote, the latter filed an application with the Commission for involuntary assignment of the license of WLOE. The Commission refused this and Mr. Pote followed the same procedure as that followed by the station in its appeals. The Supreme Court has now also refused him further appeal.

RECOMMENDS AGAINST UNLIMITED TIME

Station WJBK, Detroit, Mich., and WIBM, Jackson, Mich., both operating on a frequency of 1370 kilocycles, applied for unlimited time. Denial of these applications is recommended in Report No. 516 (Ralph L. Walker, c.) this week. The Examiner recommended that the application of Station WIBM be denied as in cases of default because it failed to make any appearance when the hearing was called. In connection with the application of WJBK the Examiner found that "while such operation (full time) would undoubtedly benefit the applicant from a financial viewpoint, it does not appear that additional program service is needed in the Detroit area." In connection with WJBK the Examiner found that "unlimited time, will add to the interference condition now existing on the frequency in question and thereby make more difficult the problem of correcting that condition at some future date."

DEMURRER IN WMAL CASE

The Radio Commission this week filed a demurrer in the Supreme Court of the District of Columbia in the case of Gerald V. Moore against the Commission. In this case Moore filed a suit in the Court calling upon the Court to have the Commission refuse to renew the license of WMAL, Washington, D. C., leased by the National Broadcasting Company, subsidiary of the Radio Corporation of America on the basis that this company had been adjudged as violating the anti-trust laws. A similar case was denied by the same Court a few months ago.

WLAP APPEAL IS DISMISSED

The Court of Appeals of the District of Columbia has dismissed the appeal of Station WLAP, Hopkinsville, Ky. It was dismissed at the request of the station itself. On June 16 the Radio Commission refused to change the frequency of the station from 1200 to 940 kilocycles and to increase its power from 100 to 1,000 watts. Appeal was taken from this decision of the Commission which has now been dismissed.

RETAIL CODE GOVERNS ADVERTISING

The Retail Trade Code, which was approved on October 23 and becomes effective on October 30, contains a provision governing the advertising and sale of goods by retail merchants.

The retail code does not affect the retailing of milk and its products, tobacco and its products, food and food-stuffs or other branches of retail selling already under separate codes, General Johnson pointed out this week. Neither does it become binding upon retailers in towns of 2,500 or less population.

Article IX, Section 1 of the Retail Code provides:

"(a) No retailer shall use advertising, whether printed, radio or display or of any other nature, which is inaccurate in any material particular or misrepresents merchandise (including its use, trade-mark, grade, quality, quantity, size, origin, material, content, preparation or curative or therapeutic effect) or credit terms, values, policies or services; and no retailer shall use advertising and/or selling methods which tend to deceive or mislead the customer.

"(b) No retailer shall use advertising which refers inaccurately in any material particular to any competitor or his merchandise, prices, values, credit terms, policies or services.

"(c) No retailer shall use advertising which inaccurately lays claim to a policy or continuing practice of generally under-selling competitors.

"(d) No retailer shall secretly give anything of value to the employee or agent of a customer for the purpose of influencing a sale, or in furtherance of a sale render a bill or statement of account to the employee, agent or customer which is inaccurate in any material particular.

"(e) No retailer shall place obstacles in the way of the purchase of a product which a consumer orders by brand name by urging upon the consumer a substitute product in a manner which disparages the product ordered."

QUOTA REVISION UNDER DISCUSSION

Revision of the quota system adopted by the Federal Radio Commission several years ago has been the subject of discussion at Commission headquarters.

Although the courts have sustained the present system, it is felt in some quarters that revision is necessary to provide for greater equality in reception. Since the system is of the Commission's own creation, it could be changed without Congressional action.

Whether or not official action will be taken on the subject is conjectural. The question has been discussed and undoubtedly will receive further study.

SECURITIES ACT REGISTRATION

The following companies filed registration statements with the Federal Trade Commission under the Securities Act during the current week:

Bell Rose Industries, Inc., Dover, Del. (2-295).
Blumer Brewing Corporation, Monroe, Wis. (2-297).
Gillet Realty Corporation, Baltimore, Md. (2-291).
Old Jordan-Old '76 Distillery Company, Covington, Ky. (2-294).
Old Monroe Brewing Association, St. Louis, Mo. (2-293).
Republic Mortgage Company, Albuquerque, N. M. (2-299).
Suburban Electric Utilities Company, Dunlap, Ill. (2-296).
Warrington Apartments Company, Baltimore, Md. (2-290).
Williams & Company, Inc., New York City (2-292).
Wright and Taylor Distilling Corporation, Baltimore, Md. (2-298).
Chopaka Mining Corporation, Seattle, Wash. (2-301).
Double Eagle Mining Company, Baldy, N. M. (2-308).
East Contra Costa Irrigation Bondholders Protective Committee, San Francisco, Cal. (2-305).
Edward M. Fitch, Jr. and Others, Philadelphia, Pa. (2-306).
Goldfield Operators, Ltd. Los Angeles, Cal. (2-302).
Halifax Power and Pulp Company, Sheet Harbour, Nova Scotia, (2-304).
Maynard & Child, Inc., New York City (2-300).
Oakman Brewing Company, Detroit, Mich. (2-309).
Scottish Type Investors, Inc., Jersey City, N. J. (2-303).
Southwestern Trading Company, Denver, Colo. (2-307).

SECURITIES ACT STOP ORDERS

The Federal Trade Commission this week issued stop orders suspending the effectiveness under the Securities Act of registration statements filed by Southern Trading Company, Denver, Colo.; Liberty Brewing Company, Baltimore, Md.; and Byron Gold Mining Company, Omaha, Nebr.

RADIO CONTROL DEBATE NOVEMBER 1

Many high schools throughout the country have adopted as the official debate question for the coming winter the subject: "Resolved, That the United States Should Adopt the Essential Features of the British System of Radio Control and Operation." This question was suggested by the Committee on Debate Materials of the National University Extension Association, of which Mr. T. M. Beaird of the University of Oklahoma is Chairman. For the purpose of giving information to the high school pupils who will engage in platform debate on this subject a radio program has been arranged for November 1, 3:00 to 4:00 Eastern Standard Time, on the coast to coast networks of both the Columbia Broadcasting System and the National Broadcasting Company. Management of this broadcast was entrusted to the National Advisory Council on Radio in Education, of which Dr. Levering Tyson is Director. Time for the program on both national networks was secured through the cooperation of the National Association of Broadcasters.

The affirmative side of the question will be presented by Professor E. C. Buehler, Director of Forensics, University of Kansas, Lawrence, Kansas; Dr. H. L. Ewbank of the Department of Speech, University of Wisconsin, Madison, Wisconsin; and Professor C. C. Cunningham, Director of University Debate and Professor of Public Speech, Northwestern University, Evanston, Illinois.

The negative side of the question will be presented by Dr. Harry W. Chase, Chancellor of New York University; Professor C. H. Judd, Dr. Louis Brownlow and Professor T. V. Smith, all of the University of Chicago.

Dr. Levering Tyson will act as Chairman.

The Debate will be held from broadcasting studios in Chicago and New York. Thousands of high school debating clubs and leagues throughout the country will listen in.

EDUCATORS CAMPAIGN WITH CARDS

Post cards are the newest weapons being utilized by the educators in their campaign to destroy the American radio system. The cards seek to enlist the help of the general public in the effort of a certain group of educators to force a Congressional investigation of radio after January 1.

The card carries the return address of Dr. Tracy F. Tyler, 1201 Sixteenth Street, N. W., Washington, D. C., the address being the same as that of the National Education Association which has generously supported the activities of the National Committee on Education by Radio which was set up during the Hoover administration and made a vigorous fight for adoption of the Fess 15-per cent bill.

The post card condemns the present system of radio and praises the Canadian system of government ownership. Following is the text matter appearing on the cards:

"Radio is one of the most frequently discussed questions before the American people today. There is a tremendous amount of dissatisfaction with radio broadcasting. It is doing something to American life. Mr. Average Citizen, altho he knows there is something fundamentally wrong with the American radio practice, has been led to believe that he is fortunate to get free radio programs and therefore should praise rather than condemn. He does not realize that the listener's investment is fifty times that of the broadcaster's and hence should receive first consideration; that the United States is the only country in the world that supports its radio entirely from the sale of advertising; that after a thoroughgoing, impartial study the Canadian Parliament decided unanimously against the haphazard, advertising-controlled radio as practised in the United States; that in spite of all that might be gained from it, the United States has never made a thoroughgoing, impartial Congressional study of radio. If he knew these things and many others, which have been carefully concealed from him by the selfish interests who profit from a continuance of the present broadcasting practice, he would rise up and use his influence upon the Congress to secure a Congressional study of radio.

"May we count on your assistance when Congress convenes in securing the passage of a measure or measures to provide for a thoroughgoing and impartial Congressional study of radio broadcasting to serve as a basis for future legislation? . . ."

NAB PREPARING DEBATE MATERIAL

"Broadcasting in the United States," a 176-page volume containing articles supporting the American system of radio control is being prepared by the National Association of Broadcasters in order to meet the demand of high school and college students for material for use in connection with the radio control debate proposed by the National University Extension Association. Hundreds of requests have been received by the NAB and it has become necessary to print the material that has been collected. The material is now in the hands of the printer. NAB members are urged to forward all requests for debate material to NAB Headquarters.

The NAB publication is included in a list of debate references compiled by Dr. Cline M. Koon, senior specialist in Education by Radio, and sent out by the Office of Education, Department of Interior. The list of references follows:

1. Advisory Committee on Education by Radio, REPORT. Columbus, Ohio., F. J. Heer Printing Co., 1930. 246 p. **Out of print.**
2. ***Aly, Bower, and Shively, Gerald D. DEBATE HANDBOOK. Columbia, Mo., Staples Publishing Co., 1933. 224 p. **75 cents.**
3. ***Aly, Bower, and Shively, Gerald D. SUPPLEMENT TO THE DEBATE HANDBOOK. Columbia, Mo., Staples Publishing Co., 1933. 224 p. **75 cents.**
4. **Baden, A. L. SELECT LIST OF REFERENCES ON THE REGULATION AND CONTROL OF RADIO BROADCASTING IN THE UNITED STATES AND FOREIGN COUNTRIES. Washington, D. C., Division of Bibliography, U. S. Library of Congress. **Free.**
5. *British Broadcasting Corporation. BRITISH BROADCASTING CORPORATION PUBLICATIONS, Summer, 1933. New York, N. Y., British Library of Information, 270 Madison Ave., 1933. 15 p. **Free.**
6. *British Broadcasting Corporation. B. B. C. YEAR-BOOKS. New York, N. Y., British Library of Information, 270 Madison Ave., 1930-1934. 5 vols. **85 cents each.**

7. *Broadcasting, Fortnightly, Broadcasting Publishing Co., National Press, Building, Washington, D. C. **15 cents a copy, \$3.00 a year.** Will carry special articles on the debate during the present school year.
8. **Buehler, E. C. AMERICAN VS. BRITISH SYSTEM OF RADIO CONTROL. New York, N. Y., The H. W. Wilson Co., 1933. 361 p. **90 cents.**
9. Burrows, A. R. BROADCASTING ABROAD. New York, N. Y., National Advisory Council on Radio in Education, 60 East 42d St., 1932. 84 p. **Free.**
10. *Education by Radio, Periodical. Washington, D. C., National Committee on Education by Radio, 1201 16th St., N. W. **Free to schools.** Will carry special articles on the debate during the present school year.
11. *Federal Radio Commission. COMMERCIAL RADIO ADVERTISING. Senate Document No. 137. Seventy-second Congress, 1st Session. Washington, D. C., Government Printing Office, 1932. 201 p. **15 cents.**
12. **Hall, T. H. CURRENT CONFLICTING VIEWS ON AMERICAN VS. BRITISH BROADCASTING. Chicago, Ill., National Research Bureau, 210 East Erie Street, 1933. 277 p. **\$2.25.**
13. *Hettinger, Herman S. A DECADE OF RADIO ADVERTISING. Chicago, Ill. The University of Chicago Press, 1933. 354 p. **\$3.00.**
14. International Institute of Intellectual Cooperation. SCHOOL BROADCASTING. Boston, Mass., World Peace Foundation, 40 Mount Vernon St., 1933. 210 p. **\$2.00.**
15. Lingel, Robert. EDUCATIONAL BROADCASTING: A BIBLIOGRAPHY. Chicago, Ill., The University of Chicago Press, 1932. 162 p. **\$1.50.**
16. *MacLachy, Josephine H., Editor. EDUCATION ON THE AIR. Columbus, Ohio, Bureau of Educational Research, Ohio State University, 1930-1933. 300-400 p. 4 vols. **\$3.00 each.**
17. **National Association of Broadcasters. BROADCASTING IN THE UNITED STATES. Washington, D. C., National Association of Broadcasters, National Press Building, 1933. 175 p. **Free.**
18. *Perry, Armstrong. RADIO AND EDUCATION. Office of Education Bulletin, 1931, No. 20. Washington, D. C., Government Printing Office, 1932. 23 p. **5 cents.**
19. **Phelps, Edith M. British System of Radio Control. In UNIVERSITY DEBATORS' ANNUAL. New York, N. Y., The H. W. Wilson Co., 1933. pp. 97-133. **\$2.25.**
20. **Rankin, E. R., Editor. RADIO CONTROL AND OPERATION. Chapel Hill, N. C., University Extension Division, University of North Carolina, 1933. 90 p. **50 cents.**
21. *Reports, ADVISORY COUNCIL OF THE NATIONAL BROADCASTING COMPANY. New York, N. Y., National Broadcasting Co., Radio City, 1928-1933. 50-75 p. each. 6 vols. **Free.**
22. *Schmeckebier, Laurence F. THE FEDERAL RADIO COMMISSION: ITS HISTORY, ACTIVITIES AND ORGANIZATION. Washington, D. C., The Brookings Institution, 1932. 162 p. **\$1.50.**
23. **The Congressional Digest. Debate Number. THE AMERICAN VS. THE BRITISH SYSTEM OF RADIO CONTROL. Washington, D. C., Congressional Digest, Munsey Building. August-September, 1933. 33 p. **50 cents.**
24. Tyler, Tracy F., Director. AN APPRAISAL OF RADIO BROADCASTING IN THE LAND-GRANT COLLEGES AND SEPARATE STATE UNIVERSITIES. Washington, D. C., National Committee on Education by Radio, 1201 16th Street, N. W., 1933. 224 p. **Free to State, city and university libraries.**
25. *Tyson, Levering, Editor. RADIO AND EDUCATION. Chicago, Ill., The University of Chicago Press, 1931-1933. 275-300 p., 3 vols. **\$3.00 each.**
26. *Tyson, Levering. WHAT TO READ ABOUT RADIO. New York, N. Y., The National Advisory Council on Radio in Education, 60 East 42d Street, 1933. 30 p. **25 cents.**
27. *Whitney, Edward S. EDUCATIONAL BROADCASTING IN THE UNITED KINGDOM. Madison, Wis., The Department of Debating and Public Discussion, The University of Wisconsin, 1931. 15 p. (Mimeographed). **10 cents.**

* Good source material. Parts bear directly on the debate.

** Prepared especially for the debate.

*** The official debate handbook.

FEDERAL RADIO COMMISSION ACTION HEARING CALENDAR

Wednesday, November 1, 1933

Oral Argument Before Commission en banc

- WHDH—Matheson Radio Co., Inc., Boston, Mass.—Modification of license, 830 kc., 1 KW, unlimited time. Present assignment, 830 kc., 1 KW, limited time.
- WNBW—WNBW, Inc., Carbondale, Pa.—Renewal of license, 1200 kc., 10 watts, unlimited time.
- WNBW—G. F. Schiessler and M. E. Stephens, d/b as Home Cut Glass and China Co., Carbondale, Pa.—Involuntary assignment of license, 1200 kc., 10 watts, unlimited time.
- WPRO—Cherry & Webb Broadcasting Co., Providence, R. I.—Special authority, 630 kc., 250 watts, unlimited time. Present assignment, 1210 kc., 100 watts, unlimited time.

APPLICATIONS GRANTED

First Zone

- WCAX—Burlington Daily News, Inc., Burlington, Vt.—Granted special temporary authorization to operate from 9 to 10 p. m., EST, on Oct. 25.
- WHN—Marcus Loew Booking Agency, New York—Granted modification of CP extending completion date to Dec. 1, 1933.
- WFEA—New Hampshire Broadcasting Co., Manchester, N. H.—Granted temporary extension of special experimental authorization to operate unlimited time and simultaneous operation with stations WHP, WHEC, WOKO, and WCAH, pending decision and hearing on pending application.
- WGNV—Peter Goelet, Chester Township, N. Y.—Granted authority to operate from 7 to 9 p. m., EST, simultaneously with WGBB, in order to broadcast local election returns on Nov. 7.
- WHDL—Tupper Lake Broadcasting Co., Inc., Tupper Lake, N. Y.—Granted authority to operate from 8 to 10 p. m., EST, Oct. 30, in order to broadcast political rally; also same for Nov. 2.

Second Zone

- WDBJ—Times-World Corp., Roanoke, Va.—Granted modification of license to increase night power from 250 to 500 watts.
- WHBC—Edw. P. Graham, Canton, Ohio—Granted authority to operate simultaneously with WNBO on Nov. 6 from 9 to 11 p. m., and Nov. 7 from 9 p. m. to midnight, in order to permit use of station by political candidates and to broadcast election returns.
- WWVA—West Virginia Broadcasting Corp., Wheeling, W. Va.—Granted CP to move auxiliary transmitter to same location as main transmitter, northwest of Wheeling, at West Liberty.
- WFIW—WFIW, Inc., Hopkinsville, Ky.—Granted authority to discontinue operation to January, 1934, pending removal of station to Louisville.

Third Zone

- KLRA—Arkansas Broadcasting Co., Little Rock, Ark.—Granted special temporary authorization to use an auxiliary tube in last radio stage in conjunction with interlocking switch for period Nov. 1, 1933, to May 1, 1934, said auxiliary tube and licensed output tube not to be used at same time.
- KOCW—J. T. Griffin, Tulsa, Okla.—Granted modification of CP approving exact transmitter location— $3\frac{3}{4}$ miles south of center of Tulsa.
- WJBY—Gadsden Broadcasting Co., Inc., Gadsden, Ala.—Granted license covering local move of transmitter and studio, and changing equipment; 1210 kc., 100 watts, unlimited time.

Fourth Zone

- WGES—Oak Leaves Broadcasting Station, Inc., Chicago, Ill.—Granted temporary renewal of license and designated application for hearing, subject to such action as the Commission may take on their pending application. Also granted special temporary authorization to operate the following specified hours instead of sharing with WJKS: Monday, Tuesday, Wednesday, Thursday, and Friday, 6 to 11 a. m. and 5 to 8 p. m.; Saturday, 6 to 11 a. m., 6 to 7 p. m., 11 p. m. to 2 a. m.; Sunday, 7:30 a. m. to 1 p. m., 3:30 to 7 p. m., 11 p. m. to 2 a. m., CST.

- KSTP—National Battery Broadcasting Co., St. Paul, Minn.—Granted CP to make changes in equipment, installing switching arrangement of last radio stage in order to reduce power from 25 to 10 KW; also granted extension of special experimental authorization to operate with 25 KW until local sunset, and granted renewal of license, 1460 kc., 10 KW, unlimited time.

Fifth Zone

- KOCW—J. T. Griffin, Chickasha, Calif.—Granted renewal of license on a temporary basis pending installation of new equipment and approved frequency monitor, and on condition that station remain silent until installation of said equipment and approved frequency monitor.
- KGIX—J. M. Heaton, Las Vegas, Nev.—Granted modification of CP to make changes in equipment and extend commencement date to this date and completion date to Jan. 1, 1934.
- KMPC—Beverly Hills Broadcasting Corp., Beverly Hills, Calif.—Granted authority to operate from local sunset to 5:45 p. m., PST, with Station WOR on the following dates: Oct. 14, 21, and 28; Nov. 4, 11, 18, 25, and 30; Dec. 2, 9, 16, 23, and 30; Jan. 1, 1934, in order to broadcast football games.
- KROW—Educational Broadcasting Corp., Oakland, Calif.—Granted CP to install new equipment and move station from Richmond to Oakland, Calif.
- KSUN—Copper Electric Co., Inc., Lowell, Ariz.—Granted license covering erection of new station, 1200 kc., 100 watts, daytime operation.

SET FOR HEARING

- NEW—Northern Broadcasting Co., Inc., Laconia, N. H.—CP, 1310 kc., 100 watts, unlimited time; facilities of WKAV.
- WHOM—New Jersey Broadcasting Corp., Jersey City, N. J.—CP to install new equipment, move transmitter, and increase daytime power from 250 to 500 watts.
- WKBN—WKBN Broadcasting Corp., Youngstown, Ohio—Modification of license to increase power from 500 watts to 1 KW.
- WBT—Station WBT, Inc., Charlotte, N. C.—Modification of license to increase power from 25 KW to 50 KW.

MISCELLANEOUS

- KFNF—Henry Field Co., Shenandoah, Iowa—Denied authority to use the time assigned to but not used by stations WILL and KUSD, during month of November.
- NEW—Church of Christ, Stamford, Tex.—Denied CP for new station to operate on 1200 kc., 100 watts, daytime hours; application heretofore set for hearing but applicant failed to enter appearance within time allowed.
- NEW—R. D. DuBois and T. R. Putnam, The Pima Broadcasting Co., Tucson, Ariz.—Dismissed at request of applicant, CP for facilities of KVOA, 1260 kc., 500 watts, which was designated for hearing.
- WLB—University of Minnesota, Minneapolis, Minn.—Application for modification of license removed from hearing docket.
- WRHM—Minnesota Broadcasting Corp., Minneapolis, Minn.; WCAL—St. Olaf's College, Northfield, Minn.—WCAL has withdrawn application for increased power. The three stations have entered into a time-sharing agreement, using all the facilities of 1250 kc., including the 5 hours formerly assigned to KFMX, now deleted. The Commission approved the time-sharing agreements and new licenses will be issued to the respective stations upon a specified hour basis in conformity with the time-sharing agreement.

APPLICATIONS RECEIVED

First Zone

- WMCA—Knickerbocker Broadcasting Co., Inc., New York, N. Y.—Modification of license for authority to use transmitter formerly licensed to WPCH as auxiliary at WMCA's main transmitter location. (This application supersedes 1-L-B-1000 reported 10-16-33, Report No. 643.)

Second Zone

None.

Third Zone

- NEW—Ark-La-Tex Radio Corp., Shreveport, La.—Construction permit for new station, transmitter to be located at Keithville, La., to use 850 kc., 10 KW, unlimited hours, facilities KWKH, Shreveport, La., and WWL, New Orleans, La. Amended as to equipment and additional information given on transmitter location.
- WBT—Station WBT, Inc., Charlotte, N. C.—Modification of license to increase power from 25 KW to 50 KW (super-sedes 3-SA-B-60).
- WQBC—Delta Broadcasting Co., Inc., Vicksburg, Miss.—Extension of special experimental authorization to operate with 500 watts, unlimited time, to 5-1-34.
- WGCM—Grace Jones Stewart, under trade name of the Great Southern Land Co. (not inc.), Mississippi City, Miss.—License to cover construction permit granted 8-22-33 for increase in power from 100 watts to 100 watts night and 250 watts to local sunset, new equipment, and change in specified hours.
- KOCW—J. T. Griffin, Tulsa, Okla.—Modification of construction permit as modified 5-26-33, granted 9-13-33, to move station from Chickasha to Tulsa, Okla., for approval of exact transmitter location near Tulsa, Okla.
- WSOC—WSOC, Inc., Charlotte, N. C.—License to cover construction permit granted 6-23-33, as modified 9-1-33, move transmitter and studio from Gastonia to Charlotte, N. C., and make changes in equipment.
- WSB—The Atlanta Journal Co., Atlanta, Ga.—License to use 5 KW old transmitter as auxiliary.

Fourth Zone

- WHAD—Marquette University, Milwaukee, Wis.—Consent to voluntary assignment of license to WHAD, Inc.
- KMBC—Midland Broadcasting Co., Kansas City, Mo.—Construction permit to move auxiliary transmitter to new location of main transmitter granted in construction permit 9-27-32, 50th and Belinder Road, outside city limits, Kansas City, Kans.
- WIND—Johnson-Kennedy Radio Corp., Gary, Ind.—License to cover construction permit granted 8-16-33 to move transmitter 2 miles from Gary.

Fifth Zone

- KOA—National Broadcasting Co., Inc., Denver, Colo.—Modification of construction permit for 50 KW transmitter to extend completion date to 5-17-34.
- NEW—Fred W. Christian, Jr., and Raleigh W. Whiston, "Christian and Whiston," Norco, Calif.—Construction permit for new station to use 1280 kc., 500 watts, unlimited time. Requests be considered under 6 (g). Resubmitted with corrections re equipment.
- KRE—First Congregational Church of Berkeley, Berkeley, Calif.—Modification of license for change in specified hours of operation, amended for further change in hours: 7 a. m. to 1 p. m. and 6:30 p. m. to 9:30 p. m. daily, except Sunday; Sunday hours same as at present.

APPLICATIONS RETURNED

- NEW—J. W. Woodruff and David Parmer, Anniston, Ala.—Construction permit for new station to use 1420 kc., 100 watts, unlimited hours, facilities WAMC, Anniston, Ala. (Request of applicant.)
- NEW—J. W. Woodruff and David Parmer, Tuscaloosa, Ala.—Construction permit for new station to use 1200 kc., 100 watts, daytime, facilities WBHS, Huntsville, Ala. (Request of applicant.)
- NEW—Joseph G. Mayer and Clarence R. Cummins, Erie, Pa.—Construction permit for new station to use 1420 kc., 100 watts, unlimited time. (Equipment, geographical location, and jurat not completed.)
- NEW—J. W. Woodruff and David Parmer, Selma, Ala.—Construction permit for new station to use 1500 kc., 100 watts, daytime, facilities WBHS, Huntsville, Ala. (Request of applicant.)
- NEW—Henry Clay Allison, Fort Worth, Tex.—Construction permit for new station to use 1370 kc., 100 watts night, 250

watts to local sunset, share KFJZ half time, facilities KFJZ, Fort Worth, Tex. (Oath, equipment, Rule 140; Rule 6a, c and d—insufficient facilities requested.)

- WBHS—Radio Station WBHS, Inc., Huntsville, Ala.—Construction permit to move transmitter and studio locally. (Request of applicant.)
- KGU—Marion A. Mulrony and Advertiser Publishing Co., Ltd., Honolulu, T. H.—Consent to voluntary assignment of license to Advertiser Publishing Co., Ltd. (Insufficient information furnished and no reply to letters.)
- KGA—Louis Wasmer, Spokane, Wash.—Construction permit to make minor changes in equipment. (Not necessary.)
- NEW—H. E. Studebaker, Lewiston, Idaho—Construction permit for new station to use 1420 kc., 100 watts, unlimited hours. (Rule 6, equipment, and insufficient information on proposed transmitter location.)

CALL BOOK SUPPLEMENT—OCT. 1, 1933

Freq.	Call Letters	Studio Location	Alterations and Corrections
550 kc.	KFUO	Clayton, Mo.	Quota units, 0.14.
550 kc.	KSD	St. Louis, Mo.	Quota units, 0.5.
570 kc.	WNAX	Yankton, S. Dak.	Power, 2½ KW—LS.
570 kc.	WEAO	Columbus, Ohio	Call letters changed to WOSU.
580 kc.	WSAZ	Huntington, W. Va.	Correct to read as follows: S.A. exp. 500 w. additional. Strike out 1 KW experimental.
630 kc.	WOS	Jefferson City, Mo.	Licensee, State of Missouri, Missouri State Highway Patrol.
740 kc.	WSB	Atlanta, Ga.	Power, 50 KW.
780 kc.	WEAN	Providence, R. I.	S.A. exp. 250 w. additional night. Strike out 250 w. additional night experimental.
850 kc.	KWKH	Shreveport, La.	Licensee, International Broadcasting Corp.
890 kc.	WJAR	Providence, R. I.	S.A. exp. 250 w. additional night. Strike out 250 w. additional night experimental.
1060 kc.	WBAL	Baltimore, Md.	T-Pikesville.
1190 kc.	WOAI	San Antonio, Tex.	Licensee, Southern Industries, Inc.
1200 kc.	WJBL	Decatur, Ill.	Quota units, 0.12.
1200 kc.	WJBC	La Salle, Ill.	Quota units, 0.08.
1200 kc.	WHBC	Canton, Ohio	Power, 100 w.
1210 kc.	WKOK	Lewisburg, Pa.	T and studio Sunbury, Pa.
1210 kc.	WGNV	Chester Twp., N. Y.	Power, 100 w.
1250 kc.	WODA	Paterson, N. J.	C.P. consolidate WODA and WAAM, T-near Carlstadt, N. J., studio Newark, power 2½ KW-LS, call letters WODA-WAAM, quota units 1.07.
1330 kc.	WDRC	Hartford, Conn.	Power 1 KW, quota units 1.0.
1350 kc.	WEHC	Emory, Va.	Licensee, Community Broadcasting Corp., T and studio Charlottesville.
1350 kc.	WCDA	New York, N. Y.	Strike out all particulars.
1350 kc.	WMSG	New York, N. Y.	Strike out all particulars.
1350 kc.	WAWZ	Zarepath, N. J.	Strike out S-WCDA and WMSG.
1350 kc.	WBNX	New York, N. Y.	T-Cliffside, N. J., strike out S-WMSG and WCDA, quota units 0.3.
1400 kc.	KOCW	Chickasha, Okla.	C.P., T and studio Tulsa.
1420 kc.	WEED	Greenville, N. C.	C.P. covered by license.
1420 kc.	WMED	Florence, Ala.	Call letters changed to WNRA.
1500 kc.	WMIL	Brooklyn, N. Y.	Call letters changed to WCNW.