

HEINL RADIO BUSINESS LETTER

INSURANCE BUILDING

WASHINGTON, D. C.

ISSUED TWICE A WEEK AND CONTAINING THE LATEST INFORMATION REGARDING THE RULINGS OF THE FEDERAL RADIO COMMISSION, RADIO LEGISLATION, DEPARTMENT OF COMMERCE REGULATIONS, CHANGES IN WAVELENGTH, CALL LETTERS AND POWER, PATENTS, EXPORTS, FEDERAL TRADE COMMISSION RULINGS AND OTHER MATTERS OF INTEREST TO BROADCASTERS AND MANUFACTURERS. :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::



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No. 447

COMMISSION DENIES REQUEST OF SCHUETTE

The Federal Radio Commission considers the case of the Radio Corporation of America a closed issue until further action is taken in the courts and consequently intends to take no further part in the battle between the independents and the RCA group. This was apparent last Friday when the Commission denied the request of Oswald F. Schuette, Executive Secretary of the Radio Protective Association, that an inquiry be conducted this Summer into the "illegal relations" between the Radio Corporation and its subsidiaries and associates.

In view of Mr. Schuette's statement that he would not resort to the courts, it appears that any further efforts to break up the alleged radio trust will have to await Congress unless the Department of Justice suit is heard in the meanwhile.

The Federal Trade Commission last week dismissed the complaint of practicing unfair methods of competition in the sale of vacuum tubes against RCA because of the final disposition of the case in the Federal courts.

The letter of Mr. Schuette to the Commission just prior to its final meeting before adjournment follows, in part:

"Gentlemen: As a result of the 3 to 2 decision of your honorable Commission that Section 13 of the Radio Act does not forbid the renewal of the broadcasting and communication licenses of the subsidiaries of the Radio Corporation of America, it is now more than ever the duty of your Commission to stop the violations of the anti-trust laws by which that company and its allied corporations are trying to monopolize radio communications.

"Congress has made it your highest duty to prevent such a monopoly.

"We therefore respectfully request your Commission to make a thorough investigation of these charges and to obtain from the Department of Justice - and from other departments of the Government - all the information that can be divulged without interfering with the efforts of the Government to bring these offenders to justice.

"We respectfully request that a member of your Commission, or an Examiner, be especially designated to secure this information, that he be authorized to hold public hearings, and that he be instructed to report to your Commission at the close of your Summer vacation, but we do feel that this vacation should not be used by the radio trust further to entrench its monopoly or to escape the scrutiny of your Commission during that vacation."

To this Maj. Gen. Charles McK. Saltzman, Chairman of the Commission, replied:

"My dear Mr. Schuette:

"Permit me to acknowledge receipt of your letter of June 25, 1931, concerning the Radio Corporation of America, its subsidiaries, and certain other corporations.

"The Commission has given preliminary consideration to your letter and the matter set forth therein, but feels that further action on its part should await adjudication by the Federal courts."

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WMBC FIGHTS TO RENEW LICENSE

Stories of the fight conducted by Station WMBC against "vice conditions in Detroit and Wayne County" were recounted last week at a hearing before Chief Examiner Ellis A. Yost of the Federal Radio Commission upon an application for renewal of the station's license.

The hearing concluded with a description of the funeral of Jerry Buckley, political commentator of the station, who was slain a year ago. W. Wright Gedge, general manager of WMBC, said that Buckley's talks were the most popular program placed on the air by the station.

The station has constantly opposed "gambling, slot machines and dope peddling" in Detroit, Mr. Gedge said. Temporary employment was given to 4,746 through the station last year, he added, and more than 800 emergency food baskets were distributed.

The hearing was supplemental to the taking of depositions in behalf of the Commission in Detroit several weeks ago, particularly with respect to the political activities of the station. WMBC operators are also asking for permission to move the location of the station within the city.

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SHORT WAVE SEPARATION HALVED

Repeal of two existing general orders relating to separation between frequencies in the short-wave bands, from 1500 to 2300 kilocycles, was announced June 25th by the Federal Radio Commission. The Commission adopted a new general order (No. 117) repealing the previous orders (Nos. 62, 88, and 88 amended).

It was explained orally at the Commission that by repealing these orders, the Commission does away with a rigid 0.2 per cent frequency separation plan. In this connection it was pointed out that the International Technical Consulting Committee, which met at The Hague in September, 1929, recognized that radio telegraph stations could operate on frequencies separated by about 0.1 per cent, which, in effect, would double the number of frequencies available.

The Commission's Engineering Division has for some time been engaged in preparing an allocation based on this separation, covering the entire short-wave spectrum. Thus the repeal of the old order, it was explained, opens the way for the assignment of 0.1 per cent separation on other than the center channels in the short-wave spectrum, provided no interference will result between stations on adjacent frequencies.

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S. C. HITS FOREIGN INSURANCE ADVERTISING

The South Carolina Insurance Commissioner, Sam B. King, has just notified radio station WIS, Columbia, that it must cease broadcasting advertisements for an unlicensed insurance company. He suggested to the operators of the station that they determine whether a company has a license to do business in South Carolina before signing a contract to broadcast its programs.

In a public statement Mr. King disclosed that a number of unlicensed companies are soliciting insurance in South Carolina. He advised the citizens of the State to purchase insurance from licensed companies and to make sure that agents with whom they deal are licensed.

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NEW CHANNEL GIVEN AERONAUTICS

Assignment of an additional radio channel for aircraft and aeronautical radio stations was announced June 25th by the Federal Radio Commission in a general order, which follows in full text:

General Order No. 118 - It is ordered that General Order No. 99 be and it is hereby amended in the following particulars:

"The frequency hereinafter mentioned is hereby added to those already assigned in the Southern Transcontinental Chain and Feeders (Brown):

"Mobile Service available for aircraft and aeronautical stations: 4,915 kilocycles day for use only between Chicago, Illinois, Peoria, Illinois, Springfield, Illinois, and St. Louis, Mo.

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COMMISSION DECISIONS ON APPEALED CASES

The following decisions were made by the Federal Radio Commission on cases appealed from Examiners' reports just before adjournment:

Mt. Pleasant Broadcasting Station, Mt. Pleasant, Pa., C. P., denied.

Canton Broadcasting Company, Canton, Ohio C. P., denied.

Roy and Larimore Tingley, Leror, Minn., C. P., denied.

Durham Life Insurance Co. (WPTF), Raleigh, N. C., increased power and change of transmitter location, denied.

Paul F. Klingensmith and Joseph Takach, Youngwood, Pa., C. P., denied.

Warren C. Davenport, Augusta, Pa., C. P., denied.

St. John's Catholic Church, Canton, Ohio, C. P., denied.

Nelson Brothers Bond & Mortgage Co. (WIBO), Chicago, Ill., modification of license, denied.

Jamestown Broadcasting Co., Jamestown, N. Y., C. P., denied.

R. S. McEwan, Clovis, New Mexico, C. P., denied.

Examiner R. H. Hyde recommended that the application of the City of Pensacola (WCOA), Pensacola, Fla., for increase power be denied.

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BUSIEST YEAR ENDED; COMMISSION VACATIONS

Having concluded the busiest year of its four year's existence, the Federal Radio Commission adjourned last Friday until September. Approximately 25,000 cases were handled by the body during the last 12-month period, and these covered every phase of radio regulation.

Likewise, the final week before adjournment for the Summer was the busiest of the year. Approximately 300 applications were acted upon between Monday and Friday, and in addition, the Radio Commission came to a decision on the most important issue of the year, viz., the status of the Radio Corporation of America.

Routine matters will continue to be taken care of during the Summer, and emergency cases will be handled by special delegation of authority. At least one member of the Commission is expected to be in Washington all summer.

More than 250 hearings on applications have been held since last September when the Examiners' Division was created to relieve the Radio Commission of much of its detailed duties. Reports have been submitted and acted upon by the Commission in 210 of these cases, while about 55 are still pending. About 500 cases were designated for hearing, but half of the applicants either defaulted or withdrew their requests.

The great majority of the 25,000 applications acted upon were submitted by the amateurs, jurisdiction of whom was transferred from the Radio Division of the Department of Commerce only last year. Broadcasting applications numbered 2,750; ship license requests totalled 2,500; and commercial communications amounted to about 1,900. Many of these were for renewals of licenses.

While the Radio Commission cleared its docket for the most part, action on at least two important issues was postponed until Fall. These are the question of assigning the eight 50,000 watt vacancies and of reallocating the 40 short wave channels recovered from Universal Wireless Communications, Inc.

Other significant steps taken by the Commission, besides the decision in the RCA case, were the promulgation of the General Order reducing the allowable deviation, after one year, from 500 to 50 cycles so as to eliminate heterodyne interference and the paving of the way for a doubling of the available short wave frequencies by cutting in half the required separation between channels.

The Radio Commission, with the support of the courts, has also strengthened its indirect censorship authority based on the "Public convenience and necessity" clause through disciplinary action against KVEP, Portland, Oreg.; KFKB, of Milford, Kans.; and KTNT, Muscatine, Iowa.

A general tightening up of technical regulations so as to provide for greater efficiency in operation of broadcasting stations was called for in several orders issued during the year.

As for the vacations, Maj. Gen. Charles McK. Saltzman, Chairman, will be at Lake George, N. Y.; Vice Chairman Eugene O. Sykes will be at his home in Jackson, Miss., during August; Judge Ira E. Robinson plans to rest at his home in Grafton, West Virginia; Harold A. Lafount is making an inspection trip throughout the South and West; and W. D. L. Starbuck is contemplating an airplane tour of the West this month or next.

W. D. Terrell, Chief of the Radio Division of the Department of Commerce, will spend several weeks on his farm in Virginia. Col. Thad Brown, General Counsel of the Radio Commission, will spend part of his vacation with his mother at Mount Gilead, Ohio, and will then go on a fishing trip in the Lake of the Woods country in Canada.

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"WOBLING" CONTINUES TO DECREASE

More broadcasting stations have been added to radio's honor roll by reducing their "wave wobble" or frequency deviation in May well below the present limit, William D. Terrell, Director of Radio of the Department of Commerce, has just reported.

While a General Order has been adopted by the Federal Radio Commission to limit the station deviation to 50 cycles a year from now, broadcasters are still permitted a wobbling of 500 cycles at present. Most of them, however, are gradually reducing their transmitter deviations below the latter high range.

During May, 5,455 measurements made of 326 broadcasting stations showed that 78 at no time deviated as much as 50 cycles, 89 at some time or other deviated more than 50 cycles but not as much as 100 cycles and 68 deviated over 100 cycles but under 200 cycles.

The remaining 91 stations deviated over 200 cycles which shows remarkable improvement in this category in comparison with the figures for December, 1930, January and February, 1931, when 238, 207 and 213 stations, respectively, went over this mark.

These measurements were made at the monitoring stations of the Radio Division located throughout the country.

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RCA ISSUES STATEMENT RE RADIO TUBE PATENTS

The following statement was issued today by the Radio Corporation of America:

"As a result of inquiries that have been received recently concerning the present patent situation in the radio tube field, the Radio Corporation of America has made available to its tube licensees a list of radio tube patents which are in process of adjudication at the present time, and a supplemental list of additional tube patents included in its licenses.

"Patents upon which suits for infringement have been brought cover contributions that have been made to the development of radio tubes by Arnold, Nicolson, Schottky, Langmuir, Seibt, Dushman, Wilson, Vander Bijl and Mitchell. These patents cover features embodied in such modern radio tubes as the alternating current, screen grid, pentode and multi-mu or exponential tubes.

"Included in the supplemental list are a large number of other tube patents. It is pointed out that the number is large because for a great many years experimental and research work for the improvement of radio tubes has been carried on in the laboratories of the Radio Corporation of America and its associated companies.

"RCA recently has added to its rights in the radio tube field by the acquisition of a group of circuit and tube patents and applications formerly held by the Radio Frequency Laboratories, Inc. Rights under these patents and applications are automatically extended to RCA's licensees by the terms of their present licenses, which include the right to use inventions newly developed or acquired by RCA. They include the Variable Mu Tube which is now being employed extensively.

"The tube patents now in process of adjudication are those involved in the patent infringement suits brought by RCA against Gold Seal Electrical Company, Inc., filed September 10, 1928; the Dale Company (Arcturus Distributor), filed May 28, 1930; Majestic Distributors, Inc., filed September 5, 1930; and the Duovac Radio Tube Corporation, filed October 17, 1930.

"Although the Langmuir high-vacuum patent was included under the licenses granted by Radio Corporation of America, nevertheless at the time that such licenses were granted, this patent had been declared invalid by the U. S. District Court for the District of Delaware and had not yet been held valid by the Court of Appeals for the Third Circuit. It has consequently been incorrectly described as the key patent upon which RCA has based its tube licenses."

NEW STATION AUTHORIZED

For the first time in several months, the Federal Radio Commission has granted an application for construction of a new broadcasting station. The Rines Hotel Company, of Manchester, N. H., was granted a permit to erect a 1,000-watt station and to operate on 1430 kilocycles with unlimited time.

Because of the overcrowded condition of the broadcasting channels, the vast majority of applications for new stations and even the requests for increased facilities have been denied.

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WASHINGTON HERALD CALLS FOR RADIO CLARIFICATION

After reviewing the decision of the Federal Radio Commission in the case of the Radio Corporation of America, the Washington Herald in an editorial today said:

"In view of the fact that the Commission created by Congress to enforce the Radio Act is 'a house divided against itself', as to the real meaning of one of the main provisions of that Act, no time should be lost by the new Congress in passing such amendments to the law as may be necessary to clarify its every section.

* * * *

"Certainly 'the question of monopoly in radio communication' cannot be 'squarely met' unless the law prohibits monopoly in the manufacture of the essential parts of radio machinery as effectively as it prohibits monopoly in radio communication."

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: BUSINESS LETTER BRIEFS :
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The current issue of Editor & Publisher quotes Secretary of State Stimson as denying that he prefers radio to the press in making reports to the people. The question was asked in connection with his scheduled, but cancelled, address on the debt moratorium.

Col. Charles A. Lindbergh has been given a radio license for use on his projected flight to the Orient.

The National Federation of Radio Associations has selected the week of September 21-27, coinciding with the Radio World's Fair in New York, to be observed through the nation as National Radio Week.

H. G. Erstrom, Executive Vice-President, in commenting on the event said: "This year we have laid more auspicious plans for the observance of radio's eleventh birthday than ever before."

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

June 25 - WTAG, Worcester Telegram Publishing Co., Inc., Worcester, Mass., C. P. to make changes in equipment and increase power from 250 watts to 250 w., night, 500 watts day; Walter Thomas Younger, Jr., Ripley, Tenn., C. P. to erect a new station to use 900 kc., 125 watts, daytime hours; KGMP, Homer F. Bryant, trading as Bryant Radio and Electric Co., Elk City, Okla., install automatic frequency control; KFGQ, Boone Biblical College, Boone, Iowa, license to cover C. P. granted 4/24/31 for change in equipment; WCCO, Northwestern Broadcasting, Inc., Minneapolis, Minn., modification of license to use WLB-WBMS's transmitter as an auxiliary - emergency use only; KFSG, Echo Park Evangelistic Association, Los Angeles, Calif., C. P. to make changes in equipment, application to reinstate C. P. which expired 6/1/31; KPJM, A. P. Miller, Prescott, Ariz., modify C. P. granted 4/24/31 to move transmitter and studio locally.

June 26 - WFBE, Station WFBE, Inc., Cincinnati, Ohio, voluntary assignment of license to the Post Publishing Co.; WXYZ, Kunsky-Trendle Broadcasting Corp., Detroit, Mich., C. P. to move transmitter location to be determined in Michigan, and studio locally in Detroit, install new transmitter and increase power from 1 kilowatt to 5 kilowatts on 1240 kc.; WFBM, Indianapolis Power & Light Co., Indianapolis, Ind., license to cover C. P. granted 3/6/31, for change in equipment; WDAE, Tampa Publishing Co., Tampa, Fla., C. P. for change in equipment.

Applications Other Than Broadcasting

June 25 - WLP, Northern States Power Co., Minneapolis, Minn., C. P. to increase power from 100 to 125 watts and request authority to install automatic frequency control; WAI, American Radio News Corp., Atlanta, Ga., modification of C. P. for change in equipment and extension of construction period to 12/31/31; KHG, Alaska Packers' Association, Clarks Point, Alaska, license covering C. P. for 500, 460, 246, 272 kc., 50 watts, coastal and point-to-point service; KMT, Libby, McNeill & Libby, Libbyville, Alaska, modification of C. P. for change in power from 350 to 200 watts, coastal and point-to-point service; WML, Mackay Radio & Telegraph Co. New York, N. Y., C. P. to install six new transmitters, frequencies as follows: 6815, 6875, 7655, 7662.5, 7670, 7730, 7737.5, 7745, 7752.5, 7760, 8075, 8710, 8850, 8970, 8980, 8990, 9070, 9290, 10170, 10490, 10810, 10820, 10830, 10890, 13000, 13015, 13030, 13750, 13960, 14680, 14695, 14710, 14725, 14740, 14755, 14770, 17140, 17420, 17660, 17680, 17700, 18260, 18780, 19540, 19560, 19580, 19600, 19620, 19740, 20300, 20980, 21380 kc., all 20 KW; KGRU, American Radio News Corp., Denver, Colo., modification of C. P. for change in description of apparatus and extension of completion date to 1/3/32; National Company, Inc., Malden, Mass., C. P. for 2100-2200 kc., 150 watts, visual broadcasting service.

June 26 - KGWX, Atlantic Broadcasting Corp., Portable, Los Angeles, Calif., license covering C. P. for 1552, 1554, 1556 kc., 15 watts, temporary service for motion pictures; Charles A. Lindbergh, NR-211, license for aircraft on 333, 500, 3130, 5615, 8450, 13240 kc., 12 watts; Aeronautical Radio, Inc.: KGSP, Denver, Colo., KGSV, Wichita Falls, Texas, renewal for 3070, 3076, 5540 kc., 400 watts, aeronautical service; KGSR, renewal for 3070, 3076, 5540 kc., 500 watts, aeronautical service (Pueblo, Colo.); Eastern Air Transport, Inc.: NC-728-K, NC-727-K, new licenses for aircraft on 5690, 3070, 3076 kc., 10/15 watts; same for NC-726-K. KMT, Libby, McNeill & Libby, Libbyville, Alaska, license covering C. P. for 3184 kc., 250 watts, coastal and point-to-point service; WGO, Radiomarine Corp. of America, Chicago, Ill., license covering C. P. for 410, 425, 454 kc., 50 watts, coastal and Marine relay service.

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COMMISSION ACTION ON EXAMINERS' REPORTS

June 24 - WHAT, Independence Broadcasting Co., Philadelphia, Pa., denied C. P. to change frequency to 930 kc., and increase power to 500 watts, share time with Station WIBG, Elkins Park, Pa., for daytime only, reversing Examiner Yost; J. Milton Guyton, Uniontown, Pa., denied C. P. to operate with 250 watts daytime on 620 kc., sustaining Examiner Walker; The State Journal Company, Lansing, Mich., denied C. P. to operate with 100 watts, unlimited time on 1200 kc., sustaining Examiner Hyde.

WHA and

June 26 - WLBL, University of Wisconsin and the Dept. of Agriculture, & Markets, of the State of Wisconsin, Madison, Wis., denied C. P. to operate on 900 kc., 5 KW, daytime, sustaining Examiner Pratt; KGFX, Charles Huber & James A. Mathews, Aberdeen, South Dakota, and Equity Union Creameries, Inc., Aberdeen, South Dakota, denied C. P. for a new station to operate on 1270 kc., 100 w. daytime, sustaining Examiner Yost; and denied C. P. to move from Pierre to Aberdeen, South Dakota, reversing Examiner Yost; Andrew Clark Baker, Sr., Andrew Clark Baker, Jr., and Savena O. Baker, Andrew Clark Baker & Sons, Oregon City, Ore., denied C. P. for new station to operate on 1500 kc., 100 watts, unlimited time, sustaining Examiner Hyde; KNI, Wilmington Transportation Co., Wilmington, Cal., denied application for station license; Southern California Tel. Co., San Francisco, granted C. P. for station to be located near Wilmington, Cal., 2590 kc., 400 watts; Pacific Tel. and Tel. Co., San Francisco, granted C. P. for station to be located near Seattle, to operate on frequency 2530 kc., 400 watts; Marine Radio Utilities, Ltd., San Francisco, denied application for C. P., sustaining Examiner Pratt, in his recommendations.

Also, KPWF, Pacific Western Broadcasting Fed., Ltd., Pasadena, Cal., denied modification of C. P. to extend time for construction of stations W6XAL and KPWF, sustaining Examiner Walker; Jos. E. Finch & C. P. Ritchie, Trinidad, Colo., denied by default application for C. P. to construct new station, 1420 kc., 100 w., unlimited time,

sustaining Examiner Walker; KECA, Pacific Development Radio Co., Los Angeles, Cal., granted C. P. to move transmitter from present location to 1000 S. Hope St., Los Angeles, but denied as to increase in power and use of 5 KW transmitter, sustaining Examiner Walker; C. M. Schaap, Ft. Collins, Colo., denied C. P. for new station to operate on 1200 kc., 15 watts, share with KGEX and KGEW, sustaining Examiner Walker; John L. Baer, d/b as Westmoreland Co., Advertising Service, Greensburg, Pa., denied C. P. for new station to operate on 850 kc., 1 KW, daytime, sustaining Examiner Walker; Meade Johnson, Tuscaloosa, Ala., denied C. P. for new station to operate on 1370 kc., 100 watts, daytime, sustaining Examiner Pratt.

Also, WCO, American Telephone and Telegraph Co., New York granted modification of C. P. and modification of license to change frequencies, reversing Examiner Pratt; W2XAL, Aviation Radio Station, Inc., New York, granted renewal of license for period of 90 days; granted modification of C. P. to increase power from 500 w. to 15 KW, and extend completion date to July 1, 1932; granted voluntary assignment of license to the Short Wave Broadcasting Corp., and granted voluntary assignment of C. P. to Short Wave Broadcasting Corp., sustaining Examiner Yost.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted

June 24 - WFAM, The South Bend Tribune, South Bend, Ind., license covering removal of studio and transmitter from LaPorte to South Bend, 1200 kc., 100 watts, shares with WWAE; WELL, Enquirer News Co., Battle Creek, Mich., license covering changes in equipment 1420 kc., 50 w., unlimited time; WHDI, William Hood Dunwoody, Industrial Institute, Minneapolis, Minn., consent to voluntary assignment of license to Dr. George W. Young; KQV, Doubleday-Hill Electric Co., Pittsburgh, Pa., permission to make field intensity measurements in Pittsburgh metropolitan area to determine a suitable location for new transmitter; KFXJ, Western Slope Broadcasting Co., Grand Junction, Colo., permission to reduce power to 50 watts, while repairing plate power supply which has been made inoperative, until June 23, 1931; WOAX, WOAX, Inc., Trenton, N. J., C. P. to install new transmitter, increase maximum rated power of transmitter from 500 w., to 1 KW, move studio locally in Trenton, also granted renewal of license, 1280 kc., 500 w., shares with WCAM and WCAP;

Also, WPOE, Nassau Broadcasting Corp., Patchogue, N. Y., C. P. to make changes in equipment, also granted renewal of license, 1370 kc., 100 w., unlimited time; WNBZ, Smith and Mace, Saranac Lake, N. Y., C. P. to make changes in equipment to conform to G.O.s 111 and 115, also renewal of license, 1290 kc., 50 watts, daytime; KGBU, Alaska Radio and Service Co., Inc., Ketchika, Alaska, C. P. to install new equipment to conform to G.O.s 111 and 115, also granted

granted renewal of license 900 kc., 500 w., unlimited; WLBL, State of Wisconsin, Dept. of Agriculture and Markets, Stevens Point, Wis., C. P. to install new equipment to conform to G. O. 111 and 115, also, renewal of license 900 kc., 2 KW, daytime; WIBG, St. Pauls, P.E. Church, Elkins Park, Pa., temporary renewal of license, 930 kc., 25 watts, daytime, also granted permission to remain silent from July 1st to September 1, 1931; KFXR, Exchange Ave. Baptist Church, Oklahoma City, Okla., renewal of license, 1310 kc., 100 watts night, 250 w. LS, unlimited time; WKBV, Wm. O. Knox, d/b as Knox Battery and Electric Co., Connersville, Ind., temporary renewal of license 1500 kc., 100 watts night, 150 w., LS, unlimited time.

Also, WKAQ, Radio Corp. of Porto Rico, San Juan, temporary renewal of license, 890 kc., 500 w., unlimited time; WMBR, F. J. Reynolds, Tampa, Fla., temporary renewal of license, 1370 kc., 100 w., unlimited time; WOCL, A. E. Newton, Jamestown, N. Y., temporary license to Sept. 15th, 1210 kc., 25 watts, unlimited time; WSW, William S. Walker, Pittsburgh, Pa., 30 day extension of program test period from July 1st; WSEN, Radio Station WSEN, Columbus, Ohio, license 1210 kc., 100 watts; KSOO, Station KSOO, Sioux Falls, South Dakota, renewal of license for regular period.

June 26 - WOWO, Main Auto Supply Co., Ft. Wayne, Ind., and WWVA, West Virginia Broadcasting Corp., Wheeling, West Virginia, extended authority to operate simultaneously during daytime until September 15, 1931; KFI, Earl C. Anthony, Inc., Los Angeles, Cal., license covering change in equipment 640 kc., 25 KW and 25 KW additional experimentally, unlimited time, also to use old transmitter as auxiliary for 90 days; KFDY, South Dakota State College, Brookings, South Dakota, modification of license to change time from sharing with KFYR to show specified hours: 12:30 to 2 P.M. daily except Sunday; WOBV, WOBV, Inc., Charleston, West Virginia, modification of license to increase power to 250 w., 500 w., LS; WBAK, Commonwealth of Pa., State Police, Harrisburg, Pa., C. P. to move transmitter to suburbs of Harrisburg, Pa.; WOKO, Hickson Electric and Radio Corp., Poughkeepsie, N. Y., and WHP, Commercial Radio Service Co., Harrisburg, Pa., granted extensions of matched frequency tests conducted on 1430 kc., by WHP, WOKO, WHEC and WCAH, until November 1, 1931.

Also, Rines Hotel Company, Manchester, N. H., C. P. for new station, 1430 kc., 1 KW, unlimited, also to use portable to test for new location; WGAR, WGAR Broadcasting Co., Inc., Cleveland, Ohio, modification of C. P. to extend completion date to August 1, 1931; WJAK, Marion Broadcast Co., Marion, Ind., modification of C. P. to extend completion date to Aug. 15, 1931, and commencement date to June 15, 1931; KPPC, Pasadena Presbyterian Church, Pasadena, Cal., modification of C. P. to make changes in equipment and use antenna system formerly used by KPSN; WJBK, James F. Hopkins, Inc., Highland Park, Mich., license covering changes in equipment 1370 kc., 50 w., shares with WIBM; KFKB, James McClatchy Co., Sacramento, Cal., license covering changes in equipment 1310 kc., 100 w., unlimited time; WFDV, Dolies Goings, Rome, Ga., modification of license to change frequency to 1310 kc., and change time from unlimited to daytime; WJTL, Oglethorpe University, Oglethorpe, Ga., license covering removal of transmitter and studio, and changes in equipment 1370 kc., 100 w., unlimited time.

Also, WOBT, A. F. Tittsworth, d/b as Tittsworth Radio & Music Shop, Union City, Tenn., consent to voluntary assignment of license to Sun Publishing Co., Inc., and removal to Jackson, Tenn.; WTAG, Worcester Teleg. Publishing Co., Inc., Worcester, Mass., C. P. to install 150 watt auxiliary transmitter, next door to main studio; KLRA, Arkansas Broadcasting Co., Little Rock, Ark., C. P. to move transmitter and studio locally in Little Rock; WABC-WBOQ, Atlantic Broadcasting Corp., New York City, modification of C. P. to extend completion date to Sept. 15, 1931; WSPA, Virgil V. Evans, d/b as The Voice of S. C., Spartanburg, S. C., modification of C. P. to move transmitter and studio locally at Spartanburg, extend commencement date to July 1 and extend completion date to August 31, 1931; KID, KID Broadcasting Co., Idaho Falls, Idaho, license covering changes in equipment 1320 kc., 250 w., 500 w., LS, shares with KTFI night, simultaneous day; KGMB, Honolulu Broadcasting Co., Ltd., Honolulu, T. H., license covering changes in equipment, 1320 kc., 250 w. unlimited time;

Also, WLGI, Lutheran Association of Ithaca, Ithaca, N. Y., license covering changes in equipment, 1210 kc., 50 w., unlimited time; KGDM, E. F. Pfeffer, Stockton, Cal., license covering changes in equipment 1100 kc., 250 w., daytime; WBEO, Charles C. MacLeod, and/or the Lake Superior Broadcasting Co., Marquette, Mich., license covering erection of new station, 1310 kc., 100 w., unlimited time; WCAE, Kaufman & Baer Co., Pittsburgh, Pa., consent to voluntary assignment of license to WCAE, Inc.; KSO, Berry Seed Co., Clarinda, Iowa, consent to voluntary assignment of license to Iowa Broadcasting Co.; WHFC, WHFC, Inc., Cicero, Ill., license covering changes in equipment 1420 kc., 100 w., shares with WKBI and WEHS; KGER, C. Merwin Dobyns, Long Beach, Cal., consent to voluntary assignment of license, to Cons. Broadcasting Corp., Ltd; WNOX, Sterchi Bros., Knoxville, Tenn, consent to voluntary assignment of license to WNOX, Inc.

Also, KUJ, Paul R. Heitmeyer, Walla Walla, Wash., consent to voluntary assignment of license to KUJ, Inc.; WFDW, Raymond C. Hammett, Anniston, Ala., license covering new equipment and removal of studio and transmitter from Talladega to Anniston, Ala., 1430 kc., 100 w., unlimited time; WRBQ, J. Pat Scully, Greenville, Miss., modification of C. P. to make changes in equipment to conform to G.O. 111 and 115; WBEO, Charles C. MacLeod, Marquette, Mich., and/or the Lake Superior Broadcasting Co., modification of C. P. to move transmitter and studio locally in Marquette; KFWF, St. Louis Truth Center, Inc., St. Louis, Mo., extension of time on C. P. to Sept. 15, 1931.

Application Reconsidered and Granted June 24:

WCCO, Northwestern Broadcasting, Inc., Minneapolis, Minn., renewal of license was considered by the Commission June 20th and granted. The station has heretofore been licensed for 7½ KW and the equipment did not conform to G.O. 97. Application is now granted in accordance with power specified in amended application and renewal license will be issued for 5 KW power, 810 kc., unlimited time.

Applications Granted, Other Than Broadcasting

June 24 - WBA, Penna. State Police, Harrisburg, Pa., C. P. for police service; KYZ, Libby, McNeill and Libby, Kenai, Alaska, modification of C. P. for change in apparatus and additional frequencies, also granted license covering same; Aeronautical Radio, Inc.: WNAT, Orlando Twp., Ill., modification of license to change types of emission; WNAJ, W. of Angola, Ind., and WNAL, Brookville, Pa., modification of licenses for additional frequencies; WNAM, Lewisburg, Pa., and WNAK, Litchfield, Ohio, modification of licenses for additional frequencies and change in emission; KSY, Tulsa, Okla., renewal of license; Pan American Airways, Inc.: WKDL, granted two licenses; WMDU, San Juan, P. R., renewal of license; KGVV, Continental Oil Co., A Nevada Corp., Portable #7, granted license; KGPN, City of Davenport, Iowa, Davenport, Ia., license for police service, 2470 kc., 50 watts.

Also, KYK, Alaska Packers' Association, Karluk, Alaska, granted license; National Air Transport, Inc., granted two licenses; Alexander Forbes, airplane license for NC-4616; KXK, KGP, KTT, Alaska Pacific Salmon Corp., renewal of 3 licenses; WLOXAR, Western Electric Co., Inc., Portable, renewal of license; W3XT, American Tel. and Tel. Co., Lawrenceville, N. J., renewal of license; KPV, Port Walter Herring & Packing Co., Port Walter, Alaska, renewal of license; W8XAR, Westinghouse Electric & Manufacturing Co., Saxonburg, Pa.

Also, Radiomarine Corp. of America: KDI, moored vessel, Nushagak River, Alaska, modification of license authorizing increase in power to 200 watts, and change type of transmitter; KLP, Uganik, Alaska, renewal of license; KPH, Bolinas, Cal., license to authorize marine relay service to supplement public coastal service; KSE, Torrance, Cal., modification of license to change frequencies; WAA, Detour, Mich., modification of license to change frequencies; WBL, Buffalo, N. Y., modification of license for additional use of marine relay service of low-frequency transmitter now authorized for coastal service at this location; WCC, Marion, Mass., license to authorize for marine relay service the equipment now licensed for coastal service; WCY, W. Dover, O., WGO, Chicago, Ill., WRL, Duluth, Minn., modification of 3 licenses to change frequencies.

Also, Radiomarine Corp. of America: KLP, Uganik, Alaska, renewal of license; KSE, Torrance, Cal., and WSC, Tuckerton, N. J. modification of license to change frequency (KSE); For WSC, modification of marine relay and coastal licenses to include additional high frequency transmitter; W6XU, San Francisco, renewal of license; W10XL, Plane NC-9779, airplane license; WGK, Blue Ash, Ohio (near Cincinnati), modification of C. P. for installation of coastal station near Cincinnati, to be used on completion for communication with number of vessels operating on Mississippi and Ohio Rivers; WGO, Chicago, Ill., C. P. for installation of auxiliary transmitter at Chicago.

Also, RCA Communications, Inc.: KEB, Bolinas, Cal., WGT, San Juan, and WQZ, San Juan, P. R., modification of licenses for change in frequencies; KKW, Bolinas, Cal., modification of license to change frequency and transmitter number; KEQ, Bolinas, Cal., modification of license to cover the operation of one transmitter instead of two; WEG, Rocky Point, N. Y., license authorizing transmitter No. 47, now licensed as WEM to operate also under call WEG, which at present is assigned to BX at New Brunswick; WEN, New Brunswick, N. J., license to authorize transmitter BX at New Brunswick, now licensed under call WEG, to operate under call WEN, which is at present assigned Transmitter 27 at Rocky Point; WIK, New Brunswick, N. J., license for new transmitter; WJN, Rocky Point, N. Y., modification of license to change transmitter number; WQP, New Brunswick, N. J., license for new high frequency transmitter.

Also, RCA Communications, Inc.: W2XBJ, Rocky Point, N. Y., renewal of license for transmitter to be used in development of apparatus design and methods of operation on multiple channel facsimile, telegraphy, telephony and combination of them; KKP, Kahuku, Hawaii, modification of C. P. issued to April 4, for installation of new high frequency transmitter; WAC, WAD, WAE, New Brunswick, N. J., modification of C. P. issued for high frequency transmitter to extend completion date to November 11, 1931;

Also, RCA Victor Co., Inc., Camden, N. J.: W3XAD, C. P. for additional transmitter for experimental visual broadcasting service; W3XAJ, modification of C. P. to extend completion date to July 5, 1931, and change frequencies; WML, Mackay Radio and Telegraph Co., Inc., Sayville, N. J., modification of license to include Hungary as additional point of communication; National Broadcasting Co.: W10XAI, Steamship "Malole", license for transmitter to be installed on SS "Malolo"; W2XCZ, W10XAL, W10XAD, Portables, renewal of temporary broadcast pick-up licenses; W2XBT, Portable, license for portable visual broadcasting transmitter on ultra high frequencies to be used in connection with existing equipment;

June 26 - Col. Charles A. Lindberg, Plane NR-211, granted aircraft license to operate on frequencies 333, 500, 3130, 5615, 8450, 13240, kc., 12 watts power, for use during proposed flight to Japan; WDAZO, F. V. Broyles, Decatur, Ill., portable amateur license to be used in three States.

Applications Denied

June 26 - KGIN, R. R. Farish, Chatham Cannery Alaska, denied renewal of license; KGIN, New England Fish Co., Chatham Cannery, Alaska, denied consent to voluntary assignment of license to R. R. Farish.

Application Dismissed

WTEL, Foulkrod Radio Engineering Co., Philadelphia, Pa., requested modification of license 1310 kc., 100 w., unlimited time; (Application dismissed at applicant's request).

Renewal Of Licenses

The Commission granted the following applications for renewal of broadcasting licenses for the regular license period:

KBPS, Benson Polytechnic School, Portland, Ore.; KJBS, Julius Brunton & Sons Co., San Francisco, Cal.; WAIU, American Insurance Union, Columbus, Ohio; WCOD, Keystone Broadcasting Corp., Harrisburg, Pa.; WJBW, Charles C. Carlson, New Orleans, La., WMAZ, Macon Jr. Chamber of Commerce, Macon, Ga.; WHAS, The Courier Journal Co. & the Louisville Times Co., Louisville, Ky.; KFWI, Radio Entertainments, Inc., Ltd., San Francisco; KQW, Pacific Agriculture & Foundation, Ltd., San Jose, Cal.; WBAA, Purdue University, West Lafayette, Ind.; WELL, Enquirer News Co., Battle Creek, Mich.; WJDX, Lamar Life Insurance Co., Jackson, Miss.; WPAW, Shartenburg & Robinson Co., Pawtucket, R. I.; WWVA, West Va. Broadcasting Corp., Wheeling, W. Va.

In the following cases the Commission ordered that the present licenses be, and the same are, hereby extended for a period of 31 days, ending 3 A.M., EST. August 1, 1931, pending receipt of time-sharing agreements and action on renewal of license applications:

KWSC, State College of Wash., Pullman, Wash., KTW, The First Presbyterian Church, Seattle, Wash.

With regard to the following application for renewal of license, the Commission, on consideration of the fact that investigations heretofore authorized have not been concluded, directed that temporary license be issued beginning 3 A.M. E.S.T., July 1, and ending 3 A.M., E.S.T., Sept. 15, 1931:

WWAE, Hammond-Calumet Broadcasting Corp., Hammond, Ind.

In the following case, the Commission, on consideration of the fact that said applicant has failed to comply with General Orders 111 and 115 (1) designated said application for hearing, (2) directed temporary license be issued beginning 3 A.M., E.S.T., July 1, 1931, and ending according to Special Minute #360, adopted April 16, 1931, this license to contain the following clause: "This license is issued on a temporary basis and subject to such action as the Commission may take after hearing on the licensee's pending application for renewal of license, No authority herein contained shall be construed as a finding by the FRC, that the operation of this station is in the public interest.";

WSEN, The Columbus Broadcasting Corp., Columbus, Ohio, granted renewal of license.

Action On Examiner's Report

WISJ, Wisconsin State Journal Broadcasting Co., Madison, Wis., denied (at request of applicant) application for license 780 kc., 250 w., 500 w., LS, unlimited time. Examiner Pratt recommended denial.

Hearing Docket

The Commission directed that temporary licenses be issued for the term beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to special Minute No. 360, adopted April 16, 1931, each of said licenses to contain the following clause: "This license is issued subject to such action as the Commission may take after hearing on the licensee's pending application for renewal of license. No authority herein contained shall be construed as a finding by the Federal Radio Commission that the operation of this station is in the public interest."

WEVD, Debs Memorial Radio Fund, Inc., New York (granted request for oral argument to be held September 23rd); KRMD, Robert M. Dean, Shreveport, La.

Temporary Licenses

With regard to the following application, the Commission on consideration of the fact that said applicant has failed to comply with General Order 105 in that it has failed to file time-sharing agreement as required, (1) designated said application for hearing, (2) directed temporary license be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to special minute #360, adopted April 16, 1931:

KGFG, Oklahoma Broadcasting Co., Inc., Oklahoma City, Okla.

With regard to the following applications, the Commission, on consideration of the facts that said applicants have failed to comply with General Order No. 105 in that they have failed to file time-sharing agreements as required and have also failed to comply with General Orders 111 and 115, (1) designated said applications for hearing, (2) directed temporary licenses be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

KSO, Berry Seed Company, Clarinda, Iowa; KTFI, Radio Broadcasting Corp., Twin Falls, Idaho; KWKH, Hello World Broadcasting Corp., Shreveport, La.

With regard to the following applications, the Commission, on consideration of the fact that said applicants are licensed for unlimited time, but operate less than 12 hours a day in violation of General Order 105 and have also failed to comply with General Orders 111 and 115 (1) designated said applications for hearing, (2) directed temporary licenses be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

KOCW, Okla. College for Women, Chickasha, Okla., KSEI, KSEI Broadcasting Federation, Ltd., Pocatello, Idaho; WCAT, South

Dakota State School of Mines, Rapid City, South Dakota; WNBW, G. F. Schieseler & M. E. Stephens, d/b as Home Cut Glass & China Co., Carbondale, Pa.

With regard to the following applications, the Commission on consideration of the fact that said applicants have failed to comply with General Order No. 105, inasmuch as stations are licensed for unlimited time, but are operating less than 12 hours daily, (1) designated said applications for hearing, (2) directed temporary licenses be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

KFKY, Mary M. Costigan, Flagstaff, Ariz.; KCMB, Honolulu Broadcasting Co., Ltd., Honolulu, T. H.; WFDW, Raymond C. Hamnett, Talladega, Ala.

With regard to the following application, the Commission, on consideration of the facts that said applicant has failed to comply with General Order No. 105, inasmuch as station is licensed for unlimited time, but is operating less than 12 hours daily, and has failed to submit a satisfactory explanation with regard to frequency deviations; (1) designated said application for hearing, (2) directed temporary license be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

KREG, Pacific-Western Broadcasting Fed. Ltd., Santa Ana, Cal.

With regard to the following applications, the Commission on consideration of the fact that said applicants have failed to comply with General Orders 111 and 115 (1) designated said applications for hearing, (2) directed temporary licenses be issued beginning 3 A.M., E.S.T., July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

KFDY, South Dakota State College, Brookings, South Dakota; WJAZ, Zenith Radio Corp., Mt. Prospect, Ill.; WRBJ, Woodruff Furniture Co., Inc., Hattisburg, Miss.

With regard to the following application, the Commission on consideration of the fact that said applicant has failed to comply with General Order No. 115, (1) designated said application for hearing, (2) directed temporary license be issued beginning 3 A.M., EST, July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931:

WGST, Georgia School of Tech., Atlanta, Ga.

With regard to the following application, the Commission, on consideration of the fact that said applicant is unable to reach a time-sharing agreement in accordance with General Order no. 105 (1) designated said application for hearing, (2) directed temporary license be issued beginning 3 A.M., EST, July 1, 1931, and period ending according to Special Minute #360, adopted April 16, 1931: WASH, WASH Broadcasting Corp., Grand Rapids, Mich.

Set For Hearing

June 24 - Phoenix Junior College, Phoenix, Ariz., requests C. P. open channel near 6000 kc., 75 watts; The Tribune Co., near Chicago, requests C. P. 2850-2950 kc., 750 watts; KSTP, National Broadcasting Co., St. Paul, Minn., requests C. P. to install new equipment, and increase power from 10 KW to 10 KW plus 15 KW, on experimental basis;

June 26 - Cocolobe Cay Club, Cocolobe Cay, Fla., requests C.P. 4276 kc., 25 w.; Isle of Dreams Broadcasting Corp., Collins Island, Miami, Fla., requests C. P. 4276 kc., 25 W.; Midwest Wireless Co., Inc., requests 18 C.P.s for new stations at Buffalo, N. Y., Ishpenning, Mich., Cleveland, and Duluth; Albert E. Peirce, Chicago, Ill., requests C. P., frequencies 5525, 11050, 8290, 11230, 13240, 8450 kc., 350 w.; W9HMK, Paul W. Larimore, LeRoy, Minn., requests amateur license; Franz Telewski, North Bergen, N. J., requests C. P. 11000-12000 kc., 150 w.; Knickerbocker Broadcasting Co., Inc., New York City, requests C. P. 2850-2950 kc., 1 KW, unlimited; WHBC, St. Johns Catholic Church, Canton, Ohio, and WNBC, John Brownlee Spriggs, Wash., Pa., set for hearing to determine time-sharing agreement which stations are unable to come to agreement about.

Also, WFBG, The Wm. F. Gable Co., Altoona, Pa., requests C. P. to install new transmitter, increasing maximum power of equipment from 100 to 250 w. LS, increase operating power from 100 w. to 100 w. and 250 LS; KSO, Iowa Broadcasting Co. Clarinda, Ia., requests C. P. to move transmitter from Clarinda to Des Moines, also to move studio to Des Moines, install new transmitter, increase maximum rated power of equipment from 500 to 1000 w. and change time from sharing with WKBH to simultaneous day and night operation with WKBH; KSO, Berry Seed Co., Clarinda, Ia., requests modification of license requesting specified hours of operating from sharing with WKBH to unlimited until 6 P.M. and sharing alternate hours thereafter with WKBH; KSTP, National Battery Broadcasting Co., St. Paul, Minn., requests modification of license to increase power from 10 KW to 10 KW plus 15 KW on experimental basis.

Also, WCHI, Peoples Pulpit Association, Chicago, Ill., requests consent to voluntary assignment of license to Midland Broadcasting Co.; Topeka Broadcasting Association, Inc., Topeka, Kansas, requests C. P. 680 kc., 5 KW, unlimited time; WHDH, Matheson Radio Co., Inc., Boston, Mass., requests C. P. to move transmitter from Gloucester, Mass., to location to be determined by portable; Wm. C. Omness and Herbert T. Graham, Muskegon, Mich., requests C.P. 1310 kc., 50 w., unlimited time; Robert C. Fluhrer, John C. Frank, Louis B. Polstrack, York, Pa., requests C. P. 1310 kc., 100 w., share with WGAL; The Community Broadcasting Co., Toledo, Ohio, C. P. 1500 kc., 100 w., unlimited time; L. I. Hall and E. T. Hall, Canton, N. C. requests C. P. 1310 kc., 50 w., share with WROL; G. F. Hardy, C. F. Johnson and M. Snively, d/b as Denison Radio Lab., Denison, Texas, requests C. P. 1310 kc., 15 w. share with KFPM; Inland Empire Broadcasting Corp., Moscow, Idaho, requests C. P. 1420 kc., 100 w., share with KGKX.

Temporary licenses also set for hearing: WIBG, St. Pauls P. E. Church, Elkins Park, Pa.; WKAQ, Radio Corp. of Porto Rico, San Juan; WKBV, Knox Battery & Elec. Co., Connersville, Ind.; WMBR F. J. Reynolds, Tampa, Fla.

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