

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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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. 479

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COLUMBIA "BOOSTER" STATION HEARING HELD

The Federal Radio Commission, having heard the Columbia Broadcasting System's plea for permission to erect a "booster" or "repeater" station in Washington on the 860 kilocycle channel with WABC, New York City, is faced with a determination of policy. This is the first application of its kind and very serious consideration will be given it.

The first witness for Columbia was Lawrence W. Lowman, secretary of the Atlantic Broadcasting Corporation and the broadcasting company, for which WABC is the key station.

"We are informed by our engineers that under the plan which we propose", he declared, "full-time Columbia service will become available to more than 500,000 residents of the Nation's Capital, without interfering in the least with the service of a single listener in either WABC's good or distant service area.

"May I say that the whole attitude of Columbia in presenting a definite synchronization project to the Commission is that if synchronization offers any hope for improving the broadcasting service of the public, or if it offers any hope of relieving some of the congestion in the broadcasting spectrum, certainly the project should be given a fair trial. Only by the age-old rule of cut and try can the Commission--and the public which it represents-- be aided in improving the usefulness of the nation's greatest entertainment - and service-rendering resource - its patrimony of wave lengths.

"I think it well to assure the Federal Radio Commission and the broadcasting industry in general that our proposal to erect an experimental booster station in Washington does not mean that we are prepared or intend to go into widespread synchronization throughout the country, because such synchronization is impossible under the present allocation. Under the present allocation of broadcasting stations, a nationwide network of synchronized stations is virtually an impossibility."

In his testimony Harry C. Butcher, Washington representative, declared that 594 programs were originated in Washington during 1930 and that up to, and including today, 388 programs had been fed to the network from the local studios. He said that his network spent \$6,800,000 last year for programs alone and that of this about \$2,000,000 worth were lost to Washingtonians, because Columbia is not represented on WMAL for approximately five and one-half hours daily.

Testimony offered by the other witnesses was largely of a technical nature, concerning the service areas of WABC and the proposed "booster" station with 250-watts. The witnesses were R. E. Coram, H. V. Akerburg, Edwin Cohan and Mr. Price. These witnesses sought to show that there would be no interference caused by this set-up.

Station WOL, operated by the American Broadcasting Company, Washington, D. C., filed a brief with the Commission, protesting the granting of this application. The violation of several general orders was charged.

Paragraphs of this brief read:

"The application of a so-called 'booster' station, which is not a separate and distinct radio broadcasting station per se, but is merely a part, portion, or parcel of applicant's WABC, is precluded and prevented by terms of General Order 42, as amended.

"If the application seeks authority to erect an individual, separate and distinct radio broadcasting station to be operated in the first zone on the frequency of 860 kilocycles, it is prevented and barred by the spirit and terms of General Order 40."

Five such regulations were cited in the brief.

Columbia was represented by Thomas P. Littlepage and Paul D. P. Spearman. Le Roy Mark was represented by George O. Sutton. Mr. Mark is head of Station WOL.

Among those present in the hearing room were M. A. Leese, owner of WMAL, which may become affiliated with NBC-WJZ network if this application is granted Columbia, Milton R. Baker, manager of WMAL, Philip G. Loucks, of the National Association of Broadcasters, and several local station representatives.

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REHEARING LANGMUIR CASE REFUSED.

The Supreme Court today refused to rehear the Langmuir tube case,

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CHICAGO COURT UPHOLDS CONGRESSIONAL REGULATION OF RADIO

The regulation of broadcasting stations is within the expressly delegated power of Congress to regulate interstate commerce, the United States Circuit Court of Appeals for the Seventh Circuit has just ruled in an opinion handed down on a petition for rehearing of the case of American Bond and Mortgage Co. and Trianon, Inc., v. United States.

Congress having the power to regulate broadcasting, the court further held that "it could exercise its power in the only manner which would accomplish the desired end, which was through elimination of a plurality of broadcasting stations operating on the same wave length in the same territory at the same time."

The court upheld Congress' exercise of its power in the enactment of the Radio Act of 1927 and amendments thereto.

In its original opinion in the case, handed down several months ago, the court did not consider the attack on the constitutionality of the Radio Act, it is stated in the opinion on petition for rehearing just handed down, because of the stated misunderstanding of the court that the appellants had waived the assignments of error relating to this question.

The owner and operator of the broadcasting station claimed that the construction of the station with the attendant large expenditure of money and its use antedating the enactment of the Radio Act created property rights in the owner and lessee which Congress was powerless to confiscate.

The court rejected this contention, pointing out that any rights enjoined were surrendered when application was made under the act for a license.

"Every investment in broadcasting stations", the court states in its opinion, "was subject to this exercise of reasonable and necessary regulation by Congress. As against such possible regulation there existed no vested right in favor of investors."

The petition for reharing was denied.

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WESTINGHOUSE DENIES STATIONS WILL BE SOLD

The following statement has been received from F. A. Merrick, President of the Westinghouse Electric and Manufacturing Co.:

"Certain rumors which have been brought to my attention have been to the effect that the Westinghouse Electric & Manufacturing Co. is contemplating disposing of its interest in radio stations KDKA, in Pittsburgh, WBZ, Boston, WBZA, Springfield, Mass., and KYW, Chicago. The Westinghouse Company has no intention of divesting itself of ownership, operation or control of its broadcasting stations or any one of them. These stations have been, and we expect to continue them as pioneers in the business of broadcasting and its continued development and progress."

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URGES LIBRARIES TO USE RADIO

The radio is destined to become an important factor in expanding library services, Dr. C. M. Koon, Specialist in Education by Radio at the Federal Office of Education believes.

Also the librarian is in a position to put an abundant amount of information and material at the disposal of the broadcaster, he declared. The following additional information was furnished by the specialist:

The librarian of the future will have very definite responsibilities in participating in educational broadcasts. He will furnish material and references and encourage broadcasters to make use of the information and refer to it so that listeners may find it and further their study.

Once the library's treasures are known, the listeners can draw upon them. Special subjects covered in special series of broadcasts can be arranged conveniently and thereafter made available as the programs are broadcast.

The library itself will be in a position to broadcast periodically interesting programs. The radio can be used as a medium of announcing new accessions. Attention can be called to timely books having considerable popularity and to others deserving popularity.

In addition to announcements of this kind, libraries throughout the Nation should be able to arrange special programs dealing with specific fields, such as science, history, economics, and health. Something about library technique and library publicity will logically follow.

One of the important responsibilities of a library is to ascertain the interests of its readers. Through the radio, the wishes of the listeners can be sought. With much attention being paid to adult education today, the library can cooperate with the broadcasters in stirring interest in learning, and discussion groups already existing in many library centers, can be promoted.

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SHUMAKER LEAVES RCA-VICTOR

The resignation of Edward E. Shumaker as President of the RCA-Victor Company, of Camden, N. J., was announced last week by David Sarnoff, President of the Radio Corporation of America. The resignation was accepted by the RCA Victor Company Board, to become effective as of January 1, 1932.

Mr. Sarnoff stated that it had been Mr. Shumaker's desire to retire from active business when the Victor Talking Machine Company, of which he was President, was purchased by the Radio

Corporation of America. At Mr. Sarnoff's request, however, Mr. Shumaker had agreed to accept the Presidency of the new RCA Victor Company which was formed in 1929 as a result of the merger and to serve in that capacity until the problems incident to unification had been solved and the reorganization completed, which has now been done.

Mr. Shumaker's resignation brings to an end twenty-eight years of service in the home entertainment industry, he having joined the Victor Talking Machine Company in February, 1904.

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NEW A-K IMPROVED BATTERY SET ON MARKET

Improvements in battery radio sets, just announced, are expected to prove of special interest to the several millions of home owners whose residences are not equipped with electricity. Nearly one-third of American homes are without electric current.

A new battery set, produced after years of experimentation by the engineers in the Atwater Kent laboratories, gives the farm family and small town listener as fine, if not finer, reception than that enjoyed in congested communities, since there is less interference in rural districts.

With average use, the operator of this battery set gets power for a whole year with no attention except the adding of a few drops of water to the battery about once a month, making it the most economical radio in the world.

This new, up-to-the-minute battery set needs no battery charging. It uses the economical new two-volt tubes, the new Atwater Kent permanent-magnet electro-dynamic speaker that takes no power from the batteries, and the new air-cell battery.

Every battery model, as in the all-electric models, is an extra powerful super-heterodyne, with automatic volume control to counteract fading; also, adjuster for any length of antenna, the velvet-action, quick vision dial, and other modern features, including well-built cabinets of sound design.

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GOELET UNLICENSED RADIO STATION SHUT DOWN

Robert Goelet, New York banker, informed the Federal Radio Commission last week that he has locked up broadcasting station KWKY, at his country estate at Goshen, N. Y., which his son, Peter Goelet, was reported to have been operating without a Federal license. Answering an inquiry from the Board's Legal Division, Mr. Goelet said he is investigating the matter and will send an affidavit to the Commission soon.

The Commission first learned about the unlicensed station through announcements that Mr. and Mrs. Goelet, would broadcast there. An investigation by radio inspectors disclosed that the station was operating with 300 watts power on 1030 to 1200 kilocycles.

December 7th has been set by the Commission for the hearing of the time-sharing disagreement between stations KNYC and WMCA, both of New York City.

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NBC NOW HAS TWO COAST-TO-COAST NETWORKS

A second network of stations on the Pacific Coast was inaugurated by the National Broadcasting Company yesterday. The addition provides the radio audience of California, Oregon and Washington with a choice of NBC programs, a service heretofore available only to listeners in the East.

The networks, composed of stations associated with the NBC, will be available in groups, as follows:

KGO	-	7 $\frac{1}{2}$ KW	-	790 KC	San Francisco	KPO	-	5 KW	-	680 KC
KFI	-	50 KW	-	640 KC	Los Angeles	KECA	-	1 KW	-	1430 KC
KGW	-	1 KW	-	620 KC	Portland	KEX	-	5 KW	-	1180 KC
KOMO	-	1 KW	-	960 KC	Seattle	KJR	-	5 KW	-	970 KC
KHQ	-	(1 KW	-	590 KC	Spokane	KGA	-	5 KW	-	1470 KC
		2 KW		L.S.						

In addition to these regular networks, there are two supplementary stations which may be used with either group. They are

KFSD	-	San Diego	-	($\frac{1}{2}$ KW	
			-	(1 KW L. S.	- 600 KC
KTAR	-	Phoenix	-	($\frac{1}{2}$ KW	- 620 KC
			-	(1 KW L.S.	

Either of the networks, together with the supplementary group, may be used in conjunction with the regular NBC eastern chains for a national hook-up.

Formerly only one coast hook-up was available for broadcasting NBC programs, although there were alternate stations in San Francisco and Los Angeles. Now these alternates, KPO, of San Francisco and KECA, of Los Angeles, together with stations KEX, of Portland, KJR, of Seattle, and KGA, of Spokane, form the additional network. The new arrangement makes it possible to operate a coast-to-coast broadcast on both the WEA and the WJZ networks simultaneously.

When the coast networks are used separately instead of in conjunction with the eastern hook-ups, the program production will originate in the San Francisco studios of the NBC.

Heretofore the majority of chain broadcasts have not included Pacific Coast stations, but it is believed that the availability of coast networks for both NBC chains will greatly increase the number of nationwide programs.

George F. McClelland, Vice-President and General Manager of NBC, welcomed the new stations in an address on the Sunday morning program.

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RADIO EDITORS GET CLOSE-UP OF STOKOWSKI

Guests of Philco and Erwin, Wasey & Company at the initial broadcast at the Academy of Music in Philadelphia, over Columbia, of the Philadelphia Symphony Orchestra, radio editors were afforded an excellent opportunity to meet and become better acquainted with Leopold Stokowski, noted conductor of the Philadelphia Orchestra.

Once the worries of the concert and broadcast were over, Mr. Stokowski attended a reception given for the newspaper people at the Hotel Ritz-Carlton. Introductions were made by Sam D. Fuson, of the Erwin, Wasey Company press department, assisted by Les Rounds.

Stokowski, having shed his full-dress clothes, appeared comfortably attired in natty gray business suit. Instead of the formal dignified person many expected him to be, the famous orchestra leader proved to be a regular fellow and the life of the party.

An interesting thing about Stokowski, reminding one of a knack that former President Roosevelt had of meeting a large number of persons, was the way he mixed around among the various groups. Although Stokowski had to leave early the next day for a concert in Washington, he spent a couple of hours at the reception which lasted past midnight, giving everyone ample opportunity to ask him anything they wanted to know about. Altogether Stokowski made a fine impression and we believe convinced those who met him of the sincerity of his efforts to improve present methods of radio broadcasting.

Among the radio editors present were:

Franklin Yeutter, Philadelphia Bulletin; Charles Mackey, Philadelphia Record; Charles Van Hausen, Philadelphia Public Ledger; Miss Dorothy Love, Philadelphia Daily News; Louis Reid, New York American; Richard O'Brien, New York Times; Everett Walker, New York Herald Tribune; Robert D. Heintz, Washington Post; C. J. Ingraham, Jersey City Journal, Harold P. Brown, Radio Digest, New York, and C. Reinhardt, magazine writer.

Also attending the reception were: Mr. and Mrs. Linton Martin, Philadelphia Enquirer; Pitts Sanborn, World-Telegram; Edmund Ruffner, Erwin, Wasey & Co., C. Brown Hyatt, Philco engineer; Sayre M. Ramsdell, Sales Promotion Manager of Philco; Jesse Butcher, CBS publicity chief; A. Chamberlain, CBS chief radio engineer; E. K. Cohan, technical director of CBS, and Gilbert Kant, CBS.

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EXAMINER POINTS OUT METHOD FOR INCREASING WTMJ SERVICE AREA

Measures to reestablish the original service area of Station WTMJ, operated on a frequency of 620 kilocycles by the Journal Company, Milwaukee, Wis., and to eliminate objectionable interference, are proposed in an Examiner's report, the Federal Radio Commission announced last Saturday:

The case, which has been before the Commission for nearly six months, involves Station WLBZ, Maine Broadcasting Co., Bangor, Maine; Station WFLA-WSUN, Clearwater and St. Petersburg Chambers of Commerce, Clearwater, Fla.; and Station WDAE, Tampa Publishing Co., Tampa, Fla.

The following information was made available in the report, submitted to the Commission by Elmer W. Pratt, Examiner:

The Examiner recommended that the applications of Stations WLBZ, WTMJ and WDAE for renewal of license be granted, and that the application of Station WFLA-WSUN be granted under certain conditions suggested in the report.

The difficulty came up when Station WTMJ charged that its service area had been materially cut down when the Commission, without notice to WTMJ, authorized WLBZ, on the same frequency (620 kilocycles) as WTMJ, to increase power; and removed Stations WDAE and WDBO from the 620 kilocycle frequency substituting in their stead WFLA-WSUN a far more powerful station. It was charged that this action reduced the service area of WTMJ, formerly covering Wisconsin, most of Michigan, and portions of Minnesota, Iowa, Illinois, and Indiana, to an area covering a radius of only about 20 miles from the transmitter.

The Milwaukee station then took the case to the Court of Appeals of the District of Columbia. The court ruled that the Commission should take action to relieve the interference thus brought about.

The recommended action of the Commission, suggested in Examiner Pratt's report, proposed to grant the applications for renewal of license unconditionally to WLBZ, WTMJ, and WDAE. The application of WFLA-WSUN, however, was recommended for renewal only if the station complied with the following conditions:

(a) That, pursuant to proper application and construction permit, the transmitter of WFLA-WSUN be removed to the new location specified in this applicant's proposal;

(b) That special apparatus be installed capable of maintaining frequency within 25 cycles;

(c) That the antenna of this station be so designed and installed as to suppress sky wave propagation in the direction of Milwaukee.

Upon compliance with these conditions, the report suggests, a renewal license should be issued, authorizing operation of this station with its present assignment of frequency and power.

Pending compliance with these conditions, however, ^{i/t}was pointed out, WFLA-WSUN should be granted a temporary license to operate with maximum power of 250 watts, and requiring maintenance of frequency as nearly as possible within 40 cycles of 620 kilocycles. The Clearwater station's present power is limited to 1,000 watts at night and 2,500 watts daytime.

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CHICAGO PUBLICITY MAN MARRIES NOVELIST

A man known to every radio writer in the United States, Benson K. Pratt, in charge of Public Relations of the National Broadcasting Company in Chicago, was recently married to Eleanor A. Blake, former newspaper woman, magazine writer and novelist. Her first novel, a mystery story called, "The Jade Green Cats", was accepted and published last Spring. Mrs. Pratt is from a newspaper family inasmuch as her mother was formerly on the Chicago Tribune and later became the author of twelve novels, one of them exceptionally successful. Mrs. Pratt's father was a newspaper man, later was one of the first editors of the "Popular Mechanics" magazine, and still later became managing editor of Compton's Picture Encyclopedia.

Ben Pratt, before coming into his present fame as a publicist in the radio field, was nationally known in the newspaper world. His entry into radio was through Station WBBM, then owned by the Atlass brothers, and later with Station WENR, Chicago. Mr. Pratt has been mentioned on several occasions for membership in the Federal Radio Commission. His work as radio director in Chicago for the National Republic Committee attracted much favorable comment during the last campaign at which time he worked in cooperation with Walter Newton, former Congressman, and now Secretary to President Hoover.

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ADAMS ACQUIRES JUDSON RADIO PROGRAM CORPORATION

The ownership of the Judson Radio Program Corporation, of New York, was acquired last week by John T. Adams at the time of the dissolution of the Corporation by Columbia which took it over in the merger. Mr. Adams, a pioneer in broadcasting, in taking over the company on November 1st, assumes also the contracts between artists and clients and the Judson Radio Program Corporation. He is also acquiring the two subsidiaries, Radio Spot Time, Inc., and Adams Broadcasting Service, Inc., and will operate the company under the name of the second subsidiary, which was his own company prior to the merger of the Judson Radio Corporation in the Fall of 1928.

Josef Pasternack goes with him as musical director, and his brother, A. F. Adams, Jr., will be associated with him.

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WHITE HOUSE ANNOUNCER GRABS TAXI FROM BUFFALO TO FORTRESS MONROE

There have been many anxious moments behind the scenes in the staging of national network broadcasts and any number of cases where the entertainers have gone on under great stress, but it is doubtful if two radio people have ever undergone more nerve-wracking experiences to get to the microphone in time than Herluf Provensen and William Abernathy, Washington NBC-WRC announcers, went through last Wednesday night and early Thursday morning.

Provensen went to Buffalo for Mrs. Hoover's broadcast from the Girl Scouts Convention on Wednesday morning. When it was learned that Marshal Petain and General Pershing would arrive at Fortress Monroe about 11 o'clock on Thursday morning, word was sent him to proceed to the spot in as short order as possible. The train schedules were all wrong and the plane connections were impossible, so Provensen, chief NBC White House announcer, hailed a taxicab in Buffalo and proceeded to Fortress Monroe to the tune of \$110. This is probably a record for a radio announcer's taxi bill.

In the meantime, K. H. Berkeley, in charge of WRC and responsible to the New York office for the success of the broadcast, decided to send "Bill" Abernathy to the scene in order to make sure of having an announcer present.

Abernathy left Washington late Wednesday, arriving in Norfolk at a few minutes after 7 o'clock. He was told that the ferry connection to Fortress Monroe was just a few blocks from the station so didn't rush particularly. When he hailed a cab, however, he was informed it was 15 miles and there was only 18 minutes to make it. He did make it - but, about midstream, the ferry encountered the long line of arriving battleships escorting Marshal Petain and General Pershing through Hampton Roads. The ferry captain couldn't dash through the line, so there was nothing to do but wait awhile and skirt the ships when the end of the formation was in sight.

Abernathy went through torment idling there with so much to be done on the other side of the Bay. He landed a few minutes before the boat bearing the distinguished visitors docked. Almost the first person he saw was Herluf Provensen at the other end of the dock. They looked at each other and heaved sighs of relief. The broadcast went on as scheduled and from their voices, the listener couldn't guess the boys' experiences.

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INDIANA ASSIGNED 560 KC CHANNEL

Two Chicago broadcasting stations were deleted and Station WJKS, operated by the Johnson-Kennedy Radio Corporation, at Gary, Ind., was assigned to the Chicago stations' frequency of 560 kilocycles, according to information made available at the Federal Radio Commission last Saturday. The action of the Commission reduces the overquota status of Illinois, and increases the underquota status of Indiana.

The deleted stations are WIBO, operated by Nelson Brothers Bond and Mortgage Corporation, Chicago, and WPCC, operated by the North State Church, Chicago. Before their deletion, they shared time on a frequency of 560 kilocycles.

The State of Indiana is 2.08 units, or 22 per cent under-quota in station assignments, and the State of Illinois is 12.49 units, or 55 per cent, overquota in such assignments. The Fourth Zone, in which both States are located, is 21 units, or 26 per cent overquota in station assignments. The granting of WJKS' application, and deletion of WIBO and WPCC reduces the overquota status of Illinois and the Fourth Zone by .88 unit and .45 unit, respectively, and increases the quota of Indiana by .43 unit.

In granting the application of WJKS, the Commission reversed Chief Examiner Ellis A. Yost.

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BRINKLEY READY TO OPEN MEXICAN STATION

Unless Mexico objects, the radio programs of the Kansas goat gland specialist, John R. Brinkley, soon will be on the air again, originating at his new station below the Rio Grande.

The State Department has notified the Mexican Government that the Kansan's broadcasting license had been revoked in this country. No request that he be refused permission to operate in Mexico was made. That, the department felt, was a domestic question to be settled by the government of the neighboring republic.

The Radio Commission sometime ago cancelled Brinkley's perm to operate Station KFKB, at Milford, Kans., as inimical to the public health because of his radio prescriptions for various ailments.

Brinkley then set about organizing a Mexican station, establishing a 75,000-watt transmitter, Station XER, at Villa Acuna, just across the Rio Grande from Del Rio, Texas. Test programs were broadcast a few days ago. The formal opening is scheduled for Tuesday.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

October 14 - WTAG, Worcester Telegram Publishing Co., Inc., Worcester, Mass., C. P. for change in equipment and increase in power; WMAQ, WMAQ, Inc., Chicago, Ill., voluntary assignment of license to National Broadcasting Co., Inc.; KFJY, C. S. Tunwall, Riverdale, Iowa, voluntary assignment of license to Cedar Rapids Broadcast Co.; KLO, Peery Building Company, Ogden, Utah, automatic frequency control; May Ronsaville, Hollywood, Calif.; C. P. to erect a new station to use 820 kc., 250 watts, unlimited time.

The following applications were returned to the applicants:

Irene Reynolds, Jacksonville, Fla., C. P. for new station on 1200 kc., (unsatisfactory transmitter, G.O. 102); KXL, KXL Broadcasters, Portland, Oregon, specified hours of operation (did not reply to Commission's letters); KBPS, Benson Polytechnic School, Portland, Oregon, specified hours of operation (did not reply to Commission's letters); KGAR, Tucson Motor Service Co., Tucson, Arizona, change frequency to 1450 kc., 250 watts, (did not reply to Commission's letters).

October 15 - WGBB, Harry H. Carman, Freeport, N. Y., C. P. to move transmitter locally; WJMS, Marius Johnson, trading as Johnson Music Store, Ironwood, Mich., modification of C. P. granted 5/15/31 for a new station, modification to change transmitter and studio location locally; WOWO, The Main Auto Supply Co., Fort Wayne, Ind., C. P. to install new equipment and increase power to 25 KW, also, modification of license to change hours of operation from sharing with WWVA to 6/7 time; KTFI, Radio Broadcasting Corp., Twin Falls, Idaho, modification of license to increase power from 250 w., 500 w., LS to 500 watts day and night.

The following applications were returned to the applicants:

A. O. Klotz and Noel Reaben, McComb, Miss., C. P. for new station to use 1420 kc. (G.O. 111, 115, 116, 102); KMLB, J. C. Liner, Monroe, La., change frequency to 1420 kc., (G.O. 93, Section 8-a); WFDV, Dolies Goings, Rome, Ga., change frequency to 1500 kc. (license has been assigned).

October 16 - WPRO, Cherry & Webb Broadcasting Co., Providence, R. I., license to cover C. P. granted 10/6/31 to make changes in equipment and obtain approval of local studio location change; WSYB, Philip Weiss, trading as Philip Weiss Music Co., Rutland, Vt., license to cover C. P. granted 7/31/31 to move transmitter locally; KGFX, Dana McNiel, Pierre, S. Dakota, modification of C.P. to extend completion date from 10/20/31 to 12/20/31.

Applications Other Than Broadcasting

October 15 - Aeronautical Radio, Inc.: at Atlanta, Ga., C. P. for 278 kc., 15 watts, aeronautical service; WEEC, Charleston, S. C., license covering C. P. for 2964, 5840 kc., 350 watts, and license covering C. P. for 4164, 6320 kc., 350 watts, point-to-point, aeronautical service.

Also, Bureau of Parks, Glaxgrounds & Aviation, Chicago, Ill., C. P. for 278 kc., 15 watts, aeronautical service; WNY, Radiomarine Corporation of America, Brooklyn, N. Y., C. P. for additional transmitter for 143, 500, 135, 170, 442 kc., 1 KW, Marine Relay service; W2XK, National Broadcasting Co., Inc., New York, N. Y., license covering C. P. for 41000, 51400, 60000 to 400000 and above 401000 kc. 2.5 KW, experimental service; The Journal Co., Milwaukee, Wis., new C.P. for 1550 kc., 250 watts, special experimental service; American Telephone & Telegraph Co., Ocean Gate, N. J., license for special experimental service for 10550, 16270, 21420 kc., 20 KW.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

The Commission on October 16th granted the following applications:

KGFF, KGFF Broadcasting Co., Inc., Shawnee, Okla., C. P. to make changes in equipment to conform to requirements of General Orders 111, 115 and 116; WOAX, WOAX, Inc., Trenton, N. J., modification of CP to change type of equipment authorized by C.P. to conform to requirements of General Orders 111, 115 and 116, and to change completion date from October 20th to December 1st; KTAT, S.A.T. Broadcast Co., Ft. Worth, Texas, authority to determine the licensed power of station by direct measurement of antenna input in compliance with General Order 115; KFJR, Ashley C. Dixon, d/b as Ashley C. Dixon & Son, Portland, Oregon, consent to voluntary assignment of license to Ashley C. Dixon, KFJR, Inc.; KGCU, Mandan Radio Association, Mandan, North Dakota, license to end of regular period December 1, 1931 (Station was given temporary license because of certain counts against it, but these have now been corrected).

Also, ^{and county} City of Denver, Denver, Colo., C. P. for police service 2440 kc., 250 watts; W10XAG, and W2XDA, Portable, N. Y., renewals of special experimental licenses, Atlantic Broadcasting Corp.; Also, same Co., W10XAC, New York City, authority to operate station at Niagara Falls, N. Y. on October 21st; and W2XDZ, New York City, authority to use station Thursday, October 15th and Monday, October 19th on Goodyear dirigible "Columbia"; KRMD, Robert M. Dean, Shreveport, La., authority to operate simultaneously with Station WTSL, Laurel, Miss., on Saturday afternoons from October 17th to November 28th.

Also, Mackay Radio & Telegraph Co.; WJDJ, New York City, KUBP, SS "Alma", KIRG, SS "New Britain", KDDF, SS "Yaka", KDFD, SS "Gateway City", authority to temporarily operate radio equipment aboard vessel "Sarebrush" for period not to exceed 60 days, pending receipt of formal application, frequencies 375, 425 and 500 kc., 2 KW

Renewal Of Licenses

WAAB, Boston, Mass.; WADC, Tallmadge, Ohio; WBAA, W. Lafayette, Ind.; WBBC, Brooklyn, N. Y.; WBBR, Brooklyn, N. Y.; WBNX, New York City; WBCM, Bay City, Mich.; WMIG, Greensboro, N. C.; WCGU, Brooklyn, N. Y.; WCMA, Culver, Ind.; WDRG, Hartford, Conn.; WEHC, Emory, Va.; WFBL, Syracuse, N. Y.; WFOX, Brooklyn, N. Y.; WGAR, Cleveland, Ohio; WGES, Chicago, Ill.; WHAZ, Troy, N. Y.; WHBL, Sheboygan, Wis.; WHIS, Bluefield, W. Va.; WHK, Cleveland, Ohio; WIOD-WMBF, Miami, Fla.; WJKS, Gary, Ind.; WJSV, Alexandria, Va.; WKBF, Indianapolis, Ind.; WKBH, LaCrosse, Wis.; WKBW, Buffalo, N.Y.; WLAC, Nashville, Tenn.; WLTH, Brooklyn, N. Y.; WMBO, Peoria, Ill.; WNBR-WGBC, Memphis, Tenn.; WNBZ, Saranac Lake, N. Y.; WQBC, Vicksburg, Miss.; WRBX, Roanoke, Va.; WSAI, Cincinnati, Ohio; WSAN, Allentown, Pa.; WSFA, Montgomery, Ala.; WSMK, Dayton, Ohio.

Also, WSFD, Toledo, Ohio; WTAD, Quincy, Ill.; KECA, Los Angeles; KFAC, Los Angeles; KFJR, Portland, Ore.; KFLV, Rockford, Ill.; KFPW, Fort Smith, Ark.; KGA, Spokane, Wash.; KGB, San Diego, Cal.; KGER, Long Beach, Cal.; KGHF, Pueblo, Colo.; KGIR, Butte, Mont.; KGMB, Honolulu, T. H.; KGNE, North Platte, Neb.; KID, Idaho Falls, Idaho; KLO, Ogden, Utah; KLS, Oakland, Cal.; KOH, Reno, Nevada; KQV, Pittsburgh, Pa.; KSTP, St. Paul, Minn.; KTBR, Portland, Ore.; KWK, St. Louis, Mo.; KFJF, Oklahoma City, Okla.; WMSG, New York City; WODX Mobile, Ala.; and KOY, Phoenix, Arizona.

Temporary Licenses

In the following case, temporary license was issued pending investigation now being conducted with respect to the operation of the station:

KFH, Radio Station KFH, Co., Wichita, Kansas.

In the following case a temporary license was issued pending investigation now being conducted with respect to improper programs:

WHAP, Defenders of Truth Society, Inc., New York City.

In the following case a temporary license was issued subject to the Commission's action upon an investigation now being conducted with respect to insufficient finances:

WCDA, Italian Educational Broadcasting Co., Inc., N.Y. City.

In the following cases, temporary licenses were issued subject to such action as the Commission may take on licensee's pending applications for renewal of licenses:

WDAH, National Radio & Broadcasting Corp., Amarillo, Texas.

WSAR, Doughty & Welch Elec. Co., Inc., Fall River, Mass.

KGRS, Gish Radio Service, Amarillo, Texas.

In the following case a temporary license was issued pending the Commission's decision with respect to the application of A. B. Murray and T. P. Singletary, affecting the facilities of this station:

KTBS - Tri State Broadcasting System, Shreveport, La.

In the following case a temporary license was issued subject to the Commission's decision with respect to the application of Station KFH, Wichita, Kans., for the facilities of this station:

WOQ, Unity School of Christianity, Kansas City, Mo.

In the following case a temporary license was issued pending the result of an investigation now being conducted with respect to the station, its equipment and operation:

KGJF - First Church of the Nazarene, Little Rock, Ark.

In the following case, on consideration of the fact that the investigation heretofore directed to be made, has been satisfactorily concluded, a renewal of license will be issued for the term November 1, 1931, and ending March 1, 1932:

KTAR, - KTAR Broadcasting Co., Phoenix, Ariz.

Simultaneous Operation

In the following cases, special authorizations were issued for the stations to operate simultaneously for period 3 A.M., E.S.T., November 1, 1931, and ending 3 A.M., E.S.T., May 1, 1932, pending action on formal applications for modification of license:

WKBH, WKBH, Inc., La Crosse, Wis., to operate simultaneously during daytime with Station KSO; KSO, Iowa Broadcasting Co., Clarinda, Ia., to operate simultaneously during daytime with Station WKBH; WTAQ, Gillette Rubber Co., Eau Claire, Wis., to operate simultaneously during daytime with Station KSCJ; KSCJ, Perkins Brothers Co., The Sioux City Journal, Sioux City, Ia., to operate simultaneously with Station WTAQ during daytime.

WBAK, Penna. State Police, Harrisburg, Penna., granted renewal of license, 1430 kc., 500 watts, 1 KW LS, shares daytime with WHP, night with WHP and WCAH, WCAH having $\frac{1}{2}$ time; WHP, WHP, Inc. Harrisburg, Pa., renewal of license 1430 kc., 500 w., 1 KW, LS, shares with WBAK daytime, and with WBAK and WCAH at night, WCAH, having half time; WCAH, The Commercial Radio Service Co., Columbus, Ohio, renewal of license granted, 1430 kc., 500 w., unlimited day, shares night with WBAK and WHP, WCAH having half time; also granted extension to May 1, 1932, of special experimental authorization to change hours of operation from sharing with WHP and WBAK to unlimited hours of operation and operate simultaneously with WHP, WOKO, and WHEC-WABO.

WOKO, WOKO, Inc., Albany, N. Y., granted renewal of license, 1440 kc., 500 watts, unlimited day, shares with WREC-WABO at night, also granted extension to May 1, 1932, of special experimental authority to change frequency from 1440 kc. to 1430 and hours of operation from sharing with WHEC-WABO to unlimited, and operate simultaneously with WHP, WGAR and WREC-WABO; WHEC-WABO, Hickson Electric and Radio Corp., Rochester, N. Y., granted renewal of license, 1440 kc., 500 watts, unlimited day, shares with WOKO, at night; also granted extension to May 1, 1932, of special experimental authority to change frequency from 1440 to 1430 kc., and hours of operation from sharing with WOKO to unlimited to operate simultaneously with WOKO, WHP and WGAR.

Set For Hearing

WIL, Missouri Broadcasting Corp., St. Louis, Mo., renewal of license, because facilities of station have been applied for;

Applications Dismissed

The following applications were dismissed at applicants' request:

American Television Labs. Ltd., Hollywood, Cal., Two C.P.s 2000-2100 kc., 10 KW, 50000-510000, 75000-76000 kc., 750 watts; Arthur Liebscher, Philadelphia, Pa., C.P. 2850 to 2950 kc., 100 watts

Action On Examiners' Reports

WREN, Jenny Wren Co., Lawrence, Kans., denied C.P. to install new equipment and increase daytime power to $2\frac{1}{2}$ KW, and move transmitter, sustaining Examiner Hyde; KGKO, Wichita Falls Broadcasting Co., Wichita Falls, Texas, denied C.P. to change equipment and increase power to 500 watts, full time, sustaining Examiner Pratt; KXA, American Radio Tel. Co., Seattle, Wash., denied modification of license as in cases of default, sustaining Examiner Pratt; KMTR, KMTR Radio Corp., Los Angeles, Cal., denied C.P. to increase power (Commissioner Lafount exoepted), sustaining Examiner Pratt.

WJKS, Johnson-Kennedy Radio Corp., Gary, Ind., granted modification of license to change frequency from 1360 to 560 kc., and changing hours of operation from sharing with WGES to unlimited, reversing Examiner Yost; The Advent Christian Church, Portsmouth, N. H., application for new station to operate on 1310 kc., 100 watts share with WKAV, withdrawn and dismissed at applicant's request, sustaining Examiner Walker; WPSC, The Penna. State College, State College, Pa., granted renewal of license, 1230 kc., 500 watts, daytime operation, sustaining Examiner Yost; KFXV, Mary M. Costigan, Flagstaff, Arizona, granted renewal of license, 1430 kc., 100 watts, unlimited time, sustaining Examiner Yost.

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