

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 :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::

INDEX TO ISSUE OF NOVEMBER 24, 1930.

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PRESS RELATIONS DEPARTMENT
G. W. JOHNSTONE

Two More Equality Plans Offered.....	2
Radio Police Have Busy Year.....	3
Survey Boost To Radio Advertising.....	4
Fight Made For Educational Channel.....	4
Stokowski Raps Broadcasting.....	5
R.N.A. Directors Meet.....	5
Recommends Journal Television Permit.....	6
N.A.B. Executive Committee Named.....	6
New Troubles Laid To R.C.A.....	7
U. S. Prepares For Madrid Parley.....	8
R.N.A. Sees Big Radio Sales.....	8
Business Letter Briefs.....	9
Huber Warns Against Over-Commercialization.....	10
Applications Received By Federal Radio Commission.....	11
Decisions Of The Federal Radio Commission.....	13

No. 388

NOTE: THERE WILL BE NO ISSUE OF THIS BUSINESS LETTER ON THURSDAY, NOVEMBER 27, BECAUSE OF THE THANKSGIVING HOLIDAY.

R.D.H.

TWO MORE EQUALITY PLANS OFFERED

Jumping on to the band wagon, Chairman Charles McK. Saltzman, and Commissioner Eugene O. Sykes have come forward with their views as to what the Federal Radio Commission should do to effect a more equitable distribution of broadcasting facilities.

Commissioners William D. L. Starbuck and Ira E. Robinson had previously made proposals, while Commissioner Harold A. Lafount had suggested a plan for evening the division between the East and extreme West.

While no vote has been taken on any of the proposals, it is believed that a compromise scheme will be evolved. Just now the lineup is Saltzman and Lafount against Robinson and Sykes, with Starbuck alone.

Impartial observers see a great deal of political propaganda in all of the proposals, intended to placate the approaching Congress.

The high points of General Saltzman's plan are:

"In order to bring about, with a minimum of violence or inconvenience to worthy stations now existing, a condition whereby all States may have as nearly as possible their prescribed quota of broadcasting facilities, it is recommended that the Federal Radio Commission require and enforce a strict observance of all rules and regulations; that the Commission investigate all violations of such rules and regulations and determine, separately, the worthiness of each licensed station, large and small, with a view to the gradual elimination of the unfit and unworthy, as occasion arises, by the procedure prescribed by law and with a view to the maintenance of the highest standard of performance by all stations, thereby fulfilling the trust imposed upon the Commission and its obligations to the listening public of the United States that the air for broadcasting purposes shall be only in the public interest, convenience or necessity."

Judge Sykes, in brief, supports the proposal of Judge Robinson, but "in order to have a scientific set-up, and as supplementary to any plan of equalization now adopted, the Commission should adopt" the following procedure:

"Instruct the Engineering Division to make a study of the entire broadcasting situation together with the existing stations now licensed by the Commission and the applications pending before the Commission. By this it is not meant that the Engineering Division should express to the Commission what stations in each State should occupy these places, this is a matter for the determination of the Commission; but that the Engineering Division should make the most scientific set-up they can make allocating to each zone its equal share of these radio facilities and to each State

its share in proportion to population. When this plan is submitted to the Commission, the Commission should then either adopt, modify or reject the plan, and whatever plan should then be adopted, by the Commission, the Commission should, as the next step, tentatively decide what stations, either old or new, in its opinion, are entitled to occupy these facilities, further deciding the power and time to be used by these stations.

"When these matters have been determined by the Commission, the time of the effectiveness of this tentative allocation should be fixed at such a future day in order that all stations desiring it might be heard and their cases determined by the Commission before the plan finally becomes effective."

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RADIO POLICE HAVE BUSY YEAR

Radio police had a busy time during the last fiscal year on account of the rapid development of radio, according to the report of W. D. Terrell, Chief of the Radio Division of the Department of Commerce.

Much of the improvement in reception may be credited to the patient checking of broadcasting stations by the nine monitoring land stations and the half dozen test cars, now increased to nine, which see to it that stations stick to their licensed frequencies.

With the beginning of operation of the central monitoring station at Grand Island, Nebr., the work will become even more efficient. More men and equipment are needed, however, if the inspections of broadcasting stations is to be thorough, Mr. Terrell states in his report.

Last year the radio apparatus on 11,334 ships were made as against 10,715 in the preceding year.

Inspections were also made of the installation of radio equipment on 215 airplanes as compared with less than 100 in 1928-29.

Approximately 10,000 radio operators were examined and 6,000 licenses were renewed by the Division.

Until a few months ago, amateur licenses were also issued by these inspectors. Now the work is under the supervision of the Federal Radio Commission. Last year, however, the Division issued 2,165 such permits, bringing the total amateurs on June 30 last, to about 19,000.

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SURVEY BOOST TO RADIO ADVERTISING

A telephone survey of radio listeners at Portland, Oregon, recently revealed that 74.2 per cent of all tabulated receiving sets in operation at the time were tuned in on the Carnation Company program over KGW, owned by the "Portland Oregonian."

The Izzard Company, which made the investigation, had trained telephone girls call 464 scattered telephone subscribers and ask them a list of questions. Of this number 330 calls were completed and 261 of the homes were found to have radios. Of the 194 sets in operation at the time, 144 were tuned in on the Carnation program.

A report of the survey has been printed and no doubt Paul R. Heitmeyer, Manager of Station KGW, Portland, will be glad to send a copy upon request to anyone interested.

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FIGHT MADE FOR EDUCATIONAL CHANNEL

Armstrong Perry, Specialist in Radio Education, Office of Education, and Dr. Glenn Frank, President of the University of Wisconsin, have appeared before the Federal Radio Commission in the interest of an application to consolidate Station WHA, of Madison, and Station WLBL, of Stevens Point, into a 5,000 watt station at Madison.

The University and the State Department of Agriculture and Markets plan to cooperate in an educational program for adults, rural schools, farmers, and small communities, which services they have been carrying on separately over their respective stations on a smaller scale.

Dr. Frank spoke highly of the value of radio in adult and supplementary rural school education, while Mr. Perry stated that the award of the license would be a step in the direction of obtaining improved broadcasting facilities for educational purposes, which he has sought for some time.

Charles L. Hill, President of the National Dairy Association and Prof. C. M. Jansky, Jr., consulting radio engineer, also appeared in behalf of the proposal, while William A. Leahy, counsel for Station WBEN, of Buffalo, N. Y., and A. F. Kirchhofer, Managing Editor of the Buffalo Evening News, and Charles Dolly, counsel for Station WHAD, of Milwaukee, opposed the application.

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STOKOWSKI RAPS BROADCASTING

Hoping that radio will be perfected to a degree where every tone of an orchestra will be audible, Dr. Leopold Stokowski told members of the Poor Richard Club at Philadelphia last Thursday that broadcasting must be improved so that music is not distorted.

The Philadelphia Symphony Orchestra leader said that when music is put on the air "it is compressed out of shape." He urged scientific study to remove the compression.

Dr. Stokowski suggested the establishment of a fund for the use of radio engineers to solve the problem of broadcasting symphonic music without distortion.

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R.M.A. DIRECTORS MEET

The annual convention and trade show of the Radio Manufacturers' Association in 1931 will be held in some Middle Western city and during the first or second week in June, under a decision last week at a meeting of the R.M.A. Board of Directors in Cleveland.

Choice of a meeting place was deferred temporarily. There is keen competition for the 1931 trade show between the cities of St. Louis, Pittsburgh, Chicago and Detroit. Directors adopted a new rule which will require all exhibitors to show their new or current receiving sets and other radio equipment.

President Morris Metcalf of Springfield, Mass., presided over the Cleveland meeting.

Other actions taken were:

Decision not to sponsor or indorse any more local public radio shows.

Election of two new Directors: Eugene R. Farny, of the All-American Mohawk Corporation, of North Tonawanda, N. Y., and A. S. Wells, of the Gulbransen Company, of Chicago.

Adoption of a plan proposed by H. B. Richmond to enlist the cooperation of manufacturers in reducing interference.

Joint Committee from National Association of Broadcasters and R.M.A. agree to amendments to radio legislation now pending in Congress concerning copyrights.

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RECOMMENDS JOURNAL TELEVISION PERMIT

Granting of the application of the Journal Company, of Milwaukee, Wis., for a visual broadcasting station permit to operate on 1,000 kilocycles, from 43,000 to 44,000 kilocycles, with 500 watts power, is recommended in a report of Examiner Elmer W. Pratt.

The purpose of the experiment is to explore the ultra high frequencies to determine their usefulness for television.

"The proposed experimentation will, if carried out, constitute a public service in providing data and information of great importance to the future development of successful visual broadcasting", Examiner Pratt observes in his report.

In another report, Mr. Pratt recommends the renewing of the license of Station WCOA, of Pensacola, Fla. The Radio Commission had formerly refused a renewal because of an alleged change in the transmitter, which was disproved at the second hearing, and the operation of the station without a license for a period. The latter act was laid to a misunderstanding.

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N.A.B. EXECUTIVE COMMITTEE NAMED

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The Executive Committee of the National Association of Broadcasters is composed of William S. Hedges, Manager of Station WMAQ, Chicago; Frank Russell, Vice-President of the National Broadcasting Company in Washington; and H. A. Bellows, of Station WCCO, Minneapolis.

They will also be members of a Board of Directors whose newly elected members are: H. K. Carpenter, of Station WPTF, Raleigh, N.C.; George McClelland, of Station WEAJ, New York, and A. J. McCosker, of Station WOR, Newark, N. J.; Dr. Frank W. Elliott, of Station WHO, Des Moines; Morgan Eastman of Station WENR, Chicago, and Leo Fitzpatrick, of Station WGR, Detroit.

It was definitely decided to move the headquarters of the Association to Washington.

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NEW TROUBLES LAID TO R.C.A.

Following is a statement issued by the Radio Protective Association:

"As a result of the Government suit to dissolve the so-called Radio Trust, Radio Corporation of America has new troubles in the collection of its royalties from its set-making licensees.

"Charging that the corporation is a part of an illegal conspiracy to monopolize the radio industry, the receivers of two insolvent radio manufacturing companies have protested against the allowance of more than \$360,000 in claims for unpaid royalties in the United States District Court at Chicago.

"The preliminary argument on this issue has been heard by Harry A. Parkin, referee in bankruptcy, and the final arguments have been set for December 8.

"The Temple Corporation against whom the Radio Corporation filed a claim of \$217,000 for unpaid royalties is represented by Attorney Frank R. Leonard of Chicago. The Buckingham Radio Corporation against which the royalties claimed totals \$148,000 is represented by Attorneys Rosenberg, Braude & Zimmerman, also of Chicago. The Radio Corporation is represented by Attorneys L. J. Weadock, of New York and Theodore Schmidt of the firm of Scofield, Loesch & Richards, of Chicago.

"The Radio Corporation contended that the license granted to the Temple and Buckingham Companies was prima facie evidence of the indebtedness of the bankrupt concerns and denied that Referee Parkin had the right to pass upon the legality of the underlying patent pool agreements of the Radio Corporation of America, General Electric Company, Westinghouse Electric & Manufacturing Company and American Telephone & Telegraph Company.

"Against this contention, the attorneys for the receivers recited the fact that in assenting to the Radio Corporation license, the American Telephone & Telegraph Company had specifically written that its assent was made 'pursuant to sub-division "C", Section 3, of Article VI of the license agreement dated July 1, 1920, between General Electric Company and American Telephone & Telegraph Company, as modified by the agreement dated July 1, 1926, and pursuant to agreements dated July 1, 1926, permitting the extension of rights thereunder to Radio Corporation of America and Westinghouse Electric and Manufacturing Company.'

"This is the agreement which the 'Radio Trust' suit of the Government has asked the United States District Court at Wilmington, Delaware to declare invalid.

"The principal witness in the proceedings before Judge Parkin is Oswald F. Schuette, Executive Secretary of the Radio Protective Association."

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U. S. PREPARES FOR MADRID PARLEY

Commercial and government radio experts engaged in preliminary discussions Friday as a preliminary step for the study of what proposals the United States will make at the next International Radio Conference to be held at Madrid in 1932.

A request that educational interests be represented on the American Committee which will prepare the agenda was made at the gathering by Joy Elmer Morgan, of National Education Association, and Armstrong Perry, Specialist in Education.

Maj. Gen. Charles McK. Saltzman, Chairman of the Federal Radio Commission, who called the conference at the request of the State Department, said that the matter would be taken up with the appropriate sub-committee and presented to the full committee.

Three Committees were named by General Saltzman to make a preliminary study and report at a later meeting. They are:

Regulations: Dr. J. H. Dellinger, of the Bureau of Standards, Chairman; Haradan Pratt of the Mackay Radio Telegraph Company, Vice-Chairman, and Lieut. Commander J. R. Redman, Secretary.

Allocations: Dr. J. B. Jolliffe of the Federal Radio Commission, Chairman; Lloyd Briggs of the Radio Corporation of America, Vice-Chairman, and Lieutenant W. Guest, U.S.A., Secretary.

Accounting And Inspections: W. D. Terrell, Chief of the Radio Division, Department of Commerce, Chairman; W. E. Downey, Assistant to Mr. Terrell, Vice-Chairman, and Gerald C. Gross. Radio Commission, Secretary.

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R.M.A. SEES BIG RADIO SALES

Between \$150,000,000 and \$200,000,000 in sales of new radio receiving sets, tubes and other products probably will be diverted into business channels within the next thirty days, according to a statement issued by the Radio Manufacturers' Association.

Many unusual broadcasting features of the National Broadcasting Company and the Columbia Broadcasting System chain networks during the next few weeks, according to Bond Geddes, Executive Vice-President, will greatly increase the normal volume of pre-holiday sales of radio.

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: BUSINESS LETTER BRIEFS :
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Stations WNYC and WJCA, of New York, have been granted a hearing on January 13th on their applications for full time on 570 kilocycles. Both now share time on the same frequency.

The Federal Radio Commission granted special authority to three stations to synchronize on the same channel last Friday for the purpose of ascertaining whether they could maintain strict adherence to the channel without interference. The stations are WABC, New York, WHK, Cleveland, and WKBW, Amherst, N. Y. They were to use 5,000 watts each on 860 kilocycles between midnight and 7 A.M.

Arthur Rocke, head of the organization which handles the exports of CeCo Manufacturing Company, has just returned to New York from an eight months' trip in Great Britain and on the continent. Radios are still luxuries abroad, he said, and the market has not penetrated nearly so deeply as in this country.

Plans for a radio tube hospital, a technical clinic for the study of the ills of the vacuum tube, have been made by the Radio Manufacturers' Association. The clinic is under the direction of George Lewis, of Newark, N. J., and in immediate charge of George Rishell, of Emporium, Pa. An effort will be made to prolong the lives of the tubes.

The Philco Radio Company, represented by James M. Skinner, Vice-President and General Manager of the Philadelphia Storage Battery Company, has contributed \$150,000 to the Army-Navy foot-ball game in return for the nation-wide broadcasting rights.

Sosthenes Behn, President of the International Telephone and Telegraph Corporation, presented the newly-installed telephone system to the Pope in his private study at the Vatican on November 19th. It is the first time in history that His Holiness has had a phone in his private study.

John Benson, President of the A.A.A.A., has announced that his organization plans to establish a Radio Bureau at its New York headquarters to "gather data regarding every worthwhile station in the country and make it available to agents."

In passing sentence on Robert Gordon Duncan, the "Oregon Wild Cat", at Portland recently, Federal Judge Bean said:

"This court is not sentencing you for using abusive language such as you did regarding certain people. It has no jurisdiction in that matter. You are being sentenced for using the language you did over the radio."

The conviction was the first in this country for obscenity and profanity over the radio. Edwin W. Lovejoy, Radio Supervisor of the Seventh District, was instrumental in working up the case.

In "Dial Flashes" in the Washington Post, Robert D. Heinl writes:

"Broadcasters had better be careful what they say over the air from now on about Congress, as Representative Wallace White, Jr., Senator-elect from Maine, co-author of the White-Dill radio law, has one of the new-fangled machines which can record anything broadcast."

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HUBER WARNS AGAINST OVER-COMMERCIALIZATION

The trend of over-commercialization is to be deplored and is something that radio broadcasting stations should guard against, according to Frederick R. Huber, Director of WBAL, Baltimore.

Mr. Huber expressed the opinion that stations that failed to recognize the fact that they owe first allegiance to the radio public are standing blindly in their own light and are not building their future on a solid foundation, the cornerstone of which is SERVICE.

"It is necessary, of course, to commercialize part of radio entertainment; everyone realizes that. But the general idea that seems to prevail among broadcasters that every program should be sponsored by some advertiser, is certainly not fair to the radio audience. For, after all, every station owes something to its listeners and, consequently, should refuse to sell certain features, thus keeping its programs relatively free of over-commercialization", Mr. Huber said.

"At WBAL", he continued, "this policy has been in effect ever since this station came on the air five years ago. WBAL has certain sustaining, or good-will programs - features from its own studios - which it wouldn't think of selling. Certain periods on Sunday, for instance, WBAL feels should be largely reserved for concerts and recitals present solely for entertainment and sponsored simply by the station.

"In other words, to retain the listeners' good-will, a broadcasting station must maintain a number of good-will programs - features that belong exclusively to the radio public and not to some advertiser", Mr. Huber concluded.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

November 20 - WTBO, Associated Broadcasting Corp., Cumberland, Md., C. P. to change equipment and increase power from 100 watts to 250 w. day and 100 w. night on 1420 kc.; WDBJ, Richardson-Wayland Electrical Corporation, Roanoke, Va., C. P. to change equipment; Radio Wire Program Corp. of America, Erie, Pa., C. P. to erect a new station to use 940 kc., 1 KW day and 500 W. night, and unlimited hours; WBBF, Beardsley Specialty Co., Rock Island, Ill., C. P. to install new equipment; WCAJ, Nebraska Wesleyan University, Lincoln, Nebr., C. P. to change equipment and decrease operating power from 500 watts to 250 watts on 590 kc., WCBS, Charles H. Messter & Harold L. Dewing, Springfield, Ill., C. P. to move transmitter locally; KFIO, Spokane Broadcasting Corp., Spokane, Wash., license to cover C. P. issued 10/14/30 to change equipment.

November 21 - WMCA, Knickerbocker Broadcasting Co., Inc., New York, N. Y., license to cover C. P. issued 9/26/30 to change equipment, also requests authority to operate an auxiliary transmitter at same location, Hoboken, N. J.; WNBH, Irving Vermilya, trading as New Bedford Broadcasting Co., New Bedford, Mass., license to cover C. P. issued 11/5/30 to move transmitter from New Bedford to the Atlas Tack Co., Fairhaven, Mass.; WPCH, Eastern Broadcasters, Inc., New York, N. Y., license to cover C. P. issued 10/31/30 to install a new transmitter; WLEY, Carl S. Wheeler, d/b as The Lexington Air Stations, Lexington, Mass., C. P. to move transmitter and studio from Lexington to a location in Springfield, Mass., and change hours of operation from $\frac{1}{2}$ time to unlimited, on 1370 kc.; Southern Broadcasting Co., Inc., Atlanta, Ga., C. P. to erect a new station to use 890 kc., 500 watts and unlimited hours; KFLX, George Roy Clough, Galveston, Texas, C. P. to change equipment; Robert R. Jones, Dothan, Alabama, C. P. to erect a new station to use 1120 kc., 500 watts LS and 250 watts night, and $\frac{1}{2}$ time, sharing with WDBO, Orlando, Fla.

November 22 - WMSG, Madison Square Garden Broadcasting Corp., New York, N. Y., license to cover C. P. issued 8/5/30 to install new equipment; WRBX, Hotel Roanoke, Roanoke, Va., modification of license to increase power from 250 watts to 500 watts on 1410 kc; WFDF, Frank D. Fallian, Flint, Mich., C. P. to move

transmitter and studio locally and change equipment; WRDW, Warren C. Davenport's Musicove, Inc., Augusta, Ga., request for authority to voluntarily assign license to Musicove Inc.; KWKH, Hello World Broadcasting Corp., Shreveport, La., C. P. to change equipment; T. E. Chamberlin and A. C. Owen, d/b as A. C. Owen Radio Company, Tulsa, Okla., C. P. to erect a new station to use 500 kc., 10 watts and unlimited hours; WNAX, Gurney Seed & Nursery Co., Yankton, S.D., request for authority to voluntarily assign license to the House Of Gurney, Inc.; KOOS, H. H. Hanseth, Inc., Marshfield, Oregon, license to cover C. P. issued 9/12/30 to move transmitter and studio to the Hall Building, Marshfield, Oregon.

Applications Other Than Broadcasting

Nov. 19 - W2XBY, Walter Chas. Van Brandt, Jersey City, N. J., renewal of experimental license for 1604, 2398, 3256, 6425, 8650, 12850, 17300, 34592 kc., 450 watts; RCA Communications, Inc., Bolinas, Calif: KEZ to communicate with Shanghai, (initially via Manila), KES, to communicate with Tokio, KEB to communicate with Honolulu, Panama, KEI, to communicate with Saigon - modifications of licenses for changes in points of communication above given; WCK, City of Detroit, Police Dept., Belle Isle, Mich., license covering C. P. for additional transmitter on 2410 kc., 400 watts; W6XU, Radiomarine Corp. of America, San Francisco, Calif., license covering C. P. for 151, 153, 157, 159, 160, 400, 410, 454, 469, 8290, 8450, 11050, 11230, 13270 kc., 10 KW.

November 21 - Aeronautical Radio, Inc.; KGTA, Winslow, Ariz., C. P. for additional transmitter on 3070, 3076, 5510 kc., 400 watts; KVO, Swan Island, Portland, Oregon, KGE, Medford, Oregon, KFO, Oakland, Calif., KGQZ, San Diego, Calif.; KZJ, Seattle, Wash., modification of licenses for change in frequencies to 3160, 3166, 3172, 3178, 5570, 5660 kc., 400 watts; American Radio News Corp.: KIP, South San Francisco, Calif., and WAI, Atlanta, Ga., modification of C. P.'s for change in equipment and extension of construction period from 6/2/31 to 8/2/31 and from 4/3/31 to 7/2/31 respectively; Press Wireless, Inc.: WJP, Cantiague Village, Long Island, N. J., and W6XAN, Los Angeles, Calif., modification of C. P.'s for extension of completion date to 6/1/31 and 12/31/31 respectively; WRDM, Pan-American Airways, Inc., South Washington Airport, Va., modification of C. P. for extension of completion date to 6/1/31; KGR, Globe Wireless, Ltd., Edmonds, Wash., C. P. for additional transmitter on 7430, 7437.5, 7445, 9410, 10930, 14860, 14875, 14890, 18820, 22660 kc., 500 watts, limited public service.

November 22 - RCA Communications, Inc., Bolinas, Calif: modification of licenses for change in communication, KQZ to Mukden, Hongkong (initially via Manila); KQR, to Manila; KUN, to Tokio; KKQ, to Honolulu and to change transmitter number to #26; KKZ, to HongKong, Mukden (initially via Manila); KWE, to Shanghai (initially via Manila) and change in normal transmitter number to #30; KQZ, to Shanghai (initially via Manila); KQJ, to Malabar, New York; Aeronautical Radio, Inc.; Burbank, Calif., license covering C. P. for 2326, 2344, 4140, 6260, 6275, 12210 kc., 150 watts and

modification of license for additional frequencies of 3160, 3166, 3178, 5570 kc.; Boeing Air Transport, Inc.: NC-725-W, NC-231, NC-10225-M, licenses for new aircraft on 5660, 3178, 3166, 3160, 3172, 3178, 5570 kc., 50 watts; American Radio News Corp., New York, N. Y., C. P. for new special experimental station on 95 and 99 kc., 750 watts.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

November 21st the Commission granted the following applications:

WSDE, Aeronautical Radio, Inc., Birmingham, Ala., modification of C. P. to change location from Roberts Field, Birmingham, to Airport, Tuscaloosa, Ala.; KGPC, Vallejo Police Dept., City Hall, Vallejo, Cal., modification of C. P. to extend completion date to 1/1/31; W9XAN, Elgin National Watch Co., Elgin, Ill., license to cover C. P. amateur bands in accordance with revised amateur reg. 500 watts; Varney Air Lines, Inc., Plane NC-10344, license, frequency 3106 kc., 50 watts; Pacific Air Transport, Plane NC-10342, license frequency 3106, 3172, 5660 kc., day only, 50 w. power, A3 emission, 3106 kc., National Calling and working, frequency; other frequency with red chain; Same for Plane NC-10343, same company; W8XAA, City of Cleveland, Dept. of Airport, Cleveland, Ohio, license, frequency 278 kc, 10 w., A2 emission, transmitter to be used only when airplane is actually landing; KJVV, Radiomarine Corp. of America, Raytown, Texas, license to use apparatus now licensed for public coastal service for marine relay service, 418 kc., work, 500 kc. calling, 250 w., power, A1 and A2 emission; WPA, Came Co., Port Arthur, Texas, modification of license to change points of communication to include Baytown, Texas, also granted renewal of license, frequency 131, 418, kc., working; 500 kc., 143 kc., calling; 1 transmitter 500 w., 1 transmitter 1 KW, 1 transmitter 4 KW, A1 and A2 emission except 143 kc., A1 only; W6XV, Federal Telegraph Co., Palo Alto, Calif., renewal of license, frequency 99, 150, 375, 500 kc., 10 KW, for 90 days.

Also, WRAK, Clarence R. Cummins, Williamsport, Pa., C. P. to increase power from 50 to 100 watts, and make changes in equipment, increasing maximum power of equipment from 50 to 100 w.; KFKA, the Mid-Western Radio Corp., Greeley, Colo., C. P. to install new 1 KW composite equipment including automatic frequency control; WOGU, U. S. Broadcasting Corp., Brooklyn, N. Y., C. P. make changes in equipment increasing maximum power of equipment from 500 to 1 KW and install automatic frequency control; WSBT, The South Bend Tribune, South Bend, Ind., modification of C. P. to change equipment and install 1 KW composite equipment, including automatic frequency control; WDEL, WDEL, Inc., Wilmington, Del., modification of C. P. to extend completion date to Dec. 25, 1930; KGRS, E. B. Gish (Gish Radio Service), Amarillo, Tex., license 1410 kc., 1 KW, share with WDAG (C.P. authorized change in transmitter location and installation of new equipment; WIOD-WIBF, Isle of Dreams Broadcasting Corp., Miami, Fla., license to cover C. P. 1300 kc., 1 KW day and 500 w. night, with additional 500 w., night experimentally, unlimited time;

Also, WRBQ, J. Pat Scully, Greenville, Miss., license to cover C. P. 1210 kc., 250 w. day and 100 w. night, unlimited time; WRJN, Racine Broadcasting Corp., Racine, Wis., license to cover C.P. 1370 kc., 100 watts unlimited time; KWKC, Wilson Duncan, d/b as Wilson Duncan Broadcasting Co., Kansas City, Mo., license 1370 kc., 100 w. 1/2 time; KQV, Doubleday-Hill Electric Co., Pittsburgh, Pa., modification of license to increase hours of operation from sharing with WSWK to simultaneous operation with WSWK until local sunset and equal division of time with WSWK thereafter; KDKA, Westinghouse Electric & Manufacturing Co., Pittsburgh, Pa., special authority to synchronize old transmitter with new transmitter for period ending 1/31/31; KFPL, C. C. Baxter, Dublin, Texas, permission to discontinue operation for 8 day vacation for employees Nov. 14 to 22nd; WKBW, WKBW, Inc., Auburn, N. Y., special authority to synchronize with WSK and WABC-WBOQ between 12 midnight and 7 A. M. on 860 kc., 5 KW, and install special equipment for same; WHBO, St. JOHN's Catholic Church, Canton, O., special permission to increase power to 50 watts from 2 to 5 Saturday, Nov. 22nd to broadcast a feature football game.

In addition to the above there were granted 36 new amateur licenses and 2 new portable (amateur) licenses; also 76 renewals, 4 new and 2 modifications of ship licenses.

Action On Examiners' Reports

WHDL, Tupper Lake Broadcasting Co., Inc., granted increase in power from 10 to 100 watts for day operation only, as recommended by examiner; Jesse P. Lutz, Southampton, N. Y., denied C. P. for experimental station, failed to show application would be in public interest, convenience and necessity; Erwin J. Kruse, Warren, Ohio, denied C. P. to construct new station to operation on 1200 kc., 50 w., unlimited time, as recommended by examiner; KGFF, D. R. Wallace, Alva, Okla., C. P. to move studio and transmitter from Alva to Shawnee, Okla. granted. Examiner recommended denial of application but since hearing objections have been withdrawn; Mosby's, Inc., Missoula, Mont., C. P. for new station to operate on 1420 kc., 100 watts, daytime (10 A.M. to 6 P. M.) as recommended by Examiner.

Set For Hearing

WJW, John F. Weimer, Owner, Mansfield Broadcasting Association, Mansfield, Ohio, asks for C. P.; to change equipment, frequency from 1210 to 930 kc., and increase power from 100 watts to 250 w.; WKBN, Warren P. Williamson, Jr., Youngstown, Ohio, asks for modification of license to change frequency from 570 to 590 kc., and change time from sharing with WEAO to unlimited; WLBW, Radio-Wire Program Corp. of America, Oil City, Pa., asks for C. P. to erect new transmitter to synchronize with present transmitter experimentally, new station to be located at Erie, Pa.; KXL, KXL, Broadcasters, Portland, Ore., asks for C. P. to install new equipment of 1 KW, maximum power, including automatic frequency control; change frequency from 1420 to 1410 kc., increase power from 100 w. to 1 KW, and change time from sharing with KBPS on 1420 to using present time of applicant on 1410 and only discontinuing operation during such time as KBPS is operating on 1420 kc.; WJR, WJR, The Goodwill Station, Inc., Detroit, Mich., asks for C. P. to move transmitter from Orchard-lake and Telegraph Roads, Sylvan Lake, Mich. to location near Pontiac, install new equipment increasing maximum power of equipment from 5 KW to 50 KW, increase power from 5 KW to 50 KW and use portable to test for location

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