

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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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 23, 1931.

NOV 24 1931
G. V. JOHNSTONE

Commission Denies CBS Booster Application.....	2
Says Agencies Misuse Radio.....	2
NBC Says Rates Not Subject To Interstate Commerce Law.....	3
Ormandy Made Minneapolis Orchestra Conductor.....	4
Commercial Sponsor Sought For Army-Navy Game.....	4
Industry Will Inaugurate Secondary Selling Season.....	5
Capital Inventor Sued For \$550,000.....	5
Great Falls, Mont., Puts Up Fight For NBC Programs.....	6
Foreign Trade Opportunities.....	6
Congress May Put U. S. Tax On Radios.....	7
RMA Directors Consider Problems.....	8
Metropolitan Opera Broadcast Planned.....	8
Business Letter Briefs.....	9
Atwater Kent To Aid His Own Unemployed.....	10
Radio Tube Is Huge Welding Project In Miniature.....	10
Hearings Scheduled By Radio Commission.....	11
California Press Association Favors Government Control.....	12
Applications Received By Federal Radio Commission.....	13
Decisions Of The Federal Radio Commission.....	14

No. 489

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NOTE: THURSDAY, NOVEMBER 26TH, BEING THANKSGIVING DAY, THERE WILL BE NO ISSUE OF THE BUSINESS LETTER

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COMMISSION DENIES CBS BOOSTER APPLICATION

The Federal Radio Commission denied last Friday the Columbia Broadcasting System's application for permission to erect a "booster" station at Washington, D. C. Three Commissioners voted for denying the request and two for granting it.

Such a station would have been experimental and would have reenergized the programs of Station WABC, of New York, the key of the Columbia Broadcasting System, it was pointed out in the application filed on August 28th. With a power of 250 watts, the station would have synchronized for 17 hours daily with the New York station and would have represented the first instance in which a key station of a network would have been linked on its own wave length with a "booster", according to the application.

The Associated Broadcasters of America on September 4th filed with the Commission a protest against the application. Although later withdrawn upon assurance by Columbia officials that the construction of a "booster" station at Washington would not be a step toward the establishment of a nation-wide system of such stations, the protest was based on the Association's claim that the adoption of the policy set forth in the application "would inevitably result in a monopoly of broadcast communications", and would drive out of existence some of the most efficient stations in the country.

Those voting to deny the Columbia System's application were Chairman Charles McK. Saltzman and Commissioners William D. L. Starbuck and Eugene O. Sykes, Commissioners Harold A. Lafount, and Ira E. Robinson voted to grant it. Mr. Lafount presented the application in the form of a motion.

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SAYS AGENCIES MISUSE RADIO

Advertising agencies are to blame for "the nauseating, futile, silly, stupid, ineffective advertising ballyhoo" on the air, Hugh Russell Fraser, Radio Editor of Albany (N.Y.) Evening News said in his column November 17th, according to the Editor & Publisher. He based the charge on an independent investigation he made among several large radio advertisers.

Of the agencies' connection with radio announcements, Fraser wrote:

"In their petty, conceited, short-sighted way, they are insisting on ballyhoo; they are bringing pressure to bear on the networks. They are handling accounts worth millions of dollars, and they are trying to tell the networks what to do, how to run their business, and what should or should not go on the air. The result is a battle is on already between the networks and the advertising agencies."

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NBC SAYS RATES NOT SUBJECT TO INTERSTATE COMMERCE LAW

The National Broadcasting Company is not a common carrier, and is not engaged in the transmission of intelligence by wire or wireless, or in any other business subject to the Interstate Commerce Act, the Interstate Commerce Commission was advised November 20th by the radio broadcasting firm in reply to a complaint of the Sta-Shine Products Company of Freeport, N. Y., that the radio concern exacted exorbitant charges for radio "messages."

The complaint filed with the Commission Sept. 19th of this year by the Freeport furniture polish manufacturing concern, is the first of its kind ever brought before the Interstate Commerce Commission, records of the Commission show. Radio Station WGBB, of Freeport, is named with the National Broadcasting Company as defendants in the case.

The complainant company asserted that the defendants violated the Interstate Commerce Act by charging \$146.48 per 15 minutes for transmitting the "messages" through one station, and \$1,480.49 for the so-called "chain broadcasting." It was further charged that the National Broadcasting Company refused to provide the furniture polish manufacturer with facilities to transmit its messages.

The reply of the National Broadcasting Company denied these charges in toto.

The broadcasting concern admitted that it did not publish tariffs and file them with the Commission, but asserted that its failure to do so was not in violation of law since it was held that the provisions of the Interstate Commerce Act did not apply to the present instance.

The reply was signed by Frederick H. Wood, of the firm of Cravath, De Gersdorff, Swaine & Wood, counsel for the National Broadcasting Company.

Ernie Adamson, of New York, counsel for the Sta-Shine Company, conferred with Commissioner Joseph B. Eastman November 20th in connection with the case.

Hearings will be held in New York City December 14th before Examiner Cheseldine.

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ORMANDY MADE MINNEAPOLIS ORCHESTRA CONDUCTOR

It is seldom success hits anyone with such a bang as it did Eugene Ormandy. Three weeks ago when Toscanini was unable to keep his engagement as guest conductor of the Philadelphia Symphony Orchestra, in the Philadelphia series, Ormandy, who is but 30 years old, was asked almost overnight by Stokowski to step into the great conductor's shoes.

In the meantime, in addition to his regular radio feature over NBC, "Melody Moments", Ormandy was made a member of Columbia's musical staff. They featured him in a new program known as "Eugene Ormandy Presents--".

However, so spontaneous was his reception in Philadelphia, that a call came to him to act as guest conductor of the Minneapolis Symphony Orchestra.

Ormandy duplicated his Philadelphia success in the Northwestern city, and the next word from there was that he had been appointed regular conductor of the Minneapolis Symphony Orchestra. He succeeds the famous Belgian conductor, Henri Verbrugghen.

As Hans Kindler, leader of the Washington Symphony Orchestra, is with the 'cello, Ormandy is a gifted violinist, and started to make that his career. However, like the newspaper man who yearned to be a reporter but spent most of his life as a Managing Editor, Ormandy was always in demand as a conductor. He was concert master of the Bluetner Orchestra in Berlin, head of the Master School of Music at the State Conservatoire in Budapest, and conductor of the Capitol Theatre Orchestra in New York, where he was one of the stars who helped put Roxy on the map.

This last experience almost brought disaster because just before he was to play a violin solo before President and Mrs. Coolidge, in Washington, with Roxy's Gang, he ripped the seat of the pants of a brand new dress suit he had bought for the occasion. Wee Willie Robyn came to the rescue with a couple of pins, but poor Ormandy was in agony for fear there might be a further catastrophe while he was appearing before the President of the United States.

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COMMERCIAL SPONSOR SOUGHT FOR ARMY-NAVY GAME

The opportunity that every broadcaster dreams of is being offered to large advertisers in connection with the Army-Navy football game in New York City for the benefit of the unemployed December 12th. A letter sent out by Maj. P. B. Fleming, graduate manager of athletics at the United States Military Academy, points out that both the National Broadcasting Company and the Columbia Broadcasting System have offered to broadcast the game, that no other big games will compete for listeners on the air, and that "the program is one of commanding interest and will be of at least two and one-half hours' duration, during which there will be opportunities for probably ten credit announcements."

It is stated no bids under \$50,000 will be considered.

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INDUSTRY WILL INAUGURATE SECONDARY SELLING SEASON

The radio industry has taken a leaf out of the book of experience of the refrigeration industry which from the first refused to recognize seasonal sales limitations. To overcome self-imposed sales handicap, it has proposed, as a starter, the inauguration of a secondary selling season to begin right after the holiday slump and continue well into the spring.

Presidents of four radio set manufacturing companies approve the idea: E. F. McDonald, Zenith Radio Corp.; B. J. Grigsby, Grigsby-Grunow Company; C. B. Smith, Stewart-Warner Corporation; and Eugene R. Farny, All-American Mohawk Corp. It also has the approval of R. Calvert Haws, President, Shuman-Haws Advertising Co. (Chicago); St. Clair Carver, member of the firm, Henry Hurst & McDonald (Advertising agency, Chicago); and Dave Goldman, New York City, and Henry C. Bonfig, Kansas City, Mo., nationally known radio distributors.

"It's the selling idea, energetically pushed, and not the season of the year that is important", says the radio men.

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CAPITAL INVENTOR SUED FOR \$550,000

A suit for \$550,000 damages was filed in the District Supreme Court, Washington, against Charles Francis Jenkins, noted inventor of radio and television appliances, last week by the Radio Service Corporation of New York City.

Jenkins, and the company he formed to hold his radio and television patents, the Jenkins Laboratories, Inc., were charged in the suit with having failed to fully comply with an agreement made with the corporation to market Jenkins's inventions.

Through this arrangement Jenkins was put in touch with Arthur D. Lord, a New York attorney, who in turn introduced Jenkins to a group of New York capitalists, James W. Garside, Wiley H. Reynolds and Dr. Lee DeForest, who formed a company and took over the patents, the bill sets forth.

This new company was known as the Jenkins Television Corporation. The Radio Service Corporation claims that it was entitled to a 20 per cent commission on an estimated sale price of \$2,275,000.

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GREAT FALLS, MONT., PUTS UP FIGHT FOR NBC PROGRAMS

The following appeared in "Dial Flashes" by Robert D. Heinl in the Washington Post:

"Every now and then there is an explosion in Congress about the evils of chain programs but there was quite another kind of an explosion when the citizens of Great Falls, Mont., learned that the NBC contemplated going into Montana with outlets at Billings and Butte and were passing up Great Falls.

"Evidently they made it so hot for M. H. Aylesworth, President of the NBC, in New York, that he took to the tall timbers. Whereupon F. A. Buttrey, of Station KFBB, Great Falls, began burning up the long distance telephone wires into Washington (at \$6.75 for the first three minutes, and \$2.25 for each additional minute) to see if anybody here could do anything to help them get to Aylesworth.

"Buttrey, who thinks less of making the 3,000 mile trip to Washington than some of our people do of a pilgrimage to Alexandria, offered to take the next airplane East, if that would do any good, but in the meantime appealed to the friends of Great Falls to please get busy as with 'only Butte and Billings', the NBC could not possibly reach half of the Montana audience.

"Doubtless the networks could cite many such instances where cities are clambering to get aboard. One we know about was Baltimore, which put up the biggest kind of a fight and wasn't satisfied until it secured the WEAf network in addition to WJZ which it already had.

"As a result of this Baltimore has it on Washington. In addition to Columbia, it now has the full-time programs of both the NBC networks, while the best the Capital can do is split programs on the three."

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FOREIGN TRADE OPPORTUNITIES

The following foreign trade opportunities may be looked into by addressing the Bureau of Foreign and Domestic Commerce, Washington, D. C.:

Radio sending and receiving apparatus, airplane; and electrodynamic loud-speakers	154920 Muiden, Netherlands	Purchase or Agency
Radio sets and Parts	*54914 Lyon, France	Agency.

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CONGRESS MAY PUT U. S. TAX ON RADIOS

When Congress devises new tax legislation to help the Nation out of the sea of red ink, radio likely will be called upon to contribute a portion of that revenue, writes Robert Mack, in the Washington Star.

A sales tax on receiving sets and possibly an income tax on revenues derived by broadcasting stations may be placed on the new tax schedules. That, in any event, seems to be the view of members of Congress who have gathered in Washington. And it seems likely that the radio industry as a unit will endeavor to block such a move, and will advance the argument that radio is not a luxury, but a vital part of the new American living standard.

The staggering sum of \$100,000,000 has been established by one member of Congress as the contribution the radio industry should make. Others questioned were not ready to set the figure but preferred to examine the schedules to be prepared by the Treasury, which already has mentioned radio as a possible source of substantial revenue. The Treasury's tentative proposal is for a nominal tax on retail sales of receivers, and does not go into the business of broadcasting.

Representative La Guardia (Republican), New York, advances the proposal for a blanket tax on the radio industry. He said if the statements of leaders in broadcasting and other phases of the industry as to their prosperity are true, then they should be called upon to help the United States out of this financial plight.

Declaring he had analyzed figures given out by the radio networks and by manufacturers, Mr. La Guardia said this industry could yield \$100,000,000 in Federal taxes. He proposed that a flat tax of 25 per cent be levied on the revenue derived by broadcasting stations and networks on advertising contracts for time sold on the air. A flat rate of 10 per cent would be fixed for sales of apparatus of all kinds, such as receiving sets, transmitters, tubes and other apparatus used not alone for broadcasting, but for the radio industry as a whole. Talking movie apparatus and related electronics fields would be taxed similarly.

Mr. La Guardia said the schedule could be so devised that the revenue on receiver sales would come from the manufacturer rather than from the consumer. He said unequivocally that it should be paid by the Radio Corporation of America, charging that "this group controls radio anyway and gets a large royalty from almost all receiving set manufacturers."

Leaders of both the House and the Senate, consulted about the proposed new tax schedule, indicated that radio probably would be considered along with other items classified as semi-luxuries. There is no desire, they insisted, to hamper development of the radio, or any other industry, and ample opportunity should be allowed all interests to present their cases.

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RMA DIRECTORS CONSIDER PROBLEMS

Sales promotion plans, television, the patent problem, the proposed sales tax on radio and many other important industry problems were considered by the RMA Board of Directors at their meeting November 19th, at the Hotel Cleveland in Cleveland, Ohio. Preliminary plans for the 8th annual RMA convention and trade show at Chicago, beginning May 23, 1932, the only official industry show, also were approved. J. Clarke Coit of Chicago, President of the RMA, presided at the Directors' meeting.

Probability of Treasury recommendations to Congress of a manufacturers sales tax on radio products was presented to the RMA Board by Frank D. Scott, the Association's Washington legislative counsel. Action in the sales tax matter was deferred by the Board, to await developments in Washington. It is planned to take any necessary and appropriate action with due regard to the Government's revenue needs and conditions of the radio industry, in cooperation with other radio and industry organizations. The RMA Legislative Committee, of which Mr. H. B. Richmond, former RMA President, is Chairman, is in charge of the matter.

President Coit and other Chairmen reported progress on the patent problem, in which negotiations and conferences have not been completed.

Deploring many false reports regarding television and "blue sky" television stock promotions, the RMA Board took steps to advise the industry and the public regarding the true progress at present of television. A special statement on the actual status of television will be prepared and issued by the RMA.

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METROPOLITAN OPERA BROADCAST PLANNED

If the plans of the National Broadcasting Company meet with success, grand opera will be broadcast next Saturday afternoon from the Metropolitan Opera House. All that stands in the way, it was disclosed, is the completion of financial details.

Gerard Chatfield, technical art director, and O. B. Hanson, manager of plant operations of the broadcasting company, NBC officials said, have succeeded in making satisfactory "pick-up" and have decided upon the dress circle for the control station. The engineers would have liked to place it in the "golden horse-shoe," but with every box subscribed, there was no room.

Next Saturday's scheduled opera is "L'Elisir d'Amore" (the elixir of love). Gigli will sing Caruso's favorite role of Memorino, and others in the cast will be Fleischer, Falco, De Luca and Pinza. Serafin will conduct.

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: BUSINESS LETTER BRIEFS :

Eighty per cent of the radio industry of Canada is concentrated in Toronto, according to a recent government survey made for the Radio Manufacturers' Association of Canada and reported to the Department of Commerce by Trade Commissioner L. A. France, at Toronto, Canada.

Contrary to predictions in the late Fall of 1929, sales of receiving have shown an increase. Production for 1930 totaled \$22,776,000 (223,228 sets), as compared with about \$20,775,000 for the previous year. In 1930, 170,082 units, valued at \$19,196,936 were completely manufactured or assembled in Canada, while the remainder were manufactured to some extent north of the border. In 1927, production totaled only about \$8,790,000. Ontario absorbed approximately half of the 1930 output.

Newcomb Carlton, President of the Western Union and Colonel Sosthenes Behn, Chairman of International Telephone and Telegraph Corporation announced, in a statement from the latter, that an arrangement between Western Union and Postal Telegraph Companies whereby what is hailed as a new era in the telegraph industry will begin, as early as December 1st, when those companies will separately and jointly present to the public a new type of telegraph service.

The new service comprehends the typing of messages by patrons in their own offices on automatic telegraph printers supplied by the telegraph companies, and a subsequent mechanical handling or switching which will cause a printer in the office of the addressee to print the message in its exact original form.

The charges for this new service will not be on the customary word basis, but will be regulated by the number of minutes the telegraph wires are used. A minimum period of three minutes will be charged for. In the three minutes period from 100 to 180 words can be transmitted according to the skill of the operator.

The two telegraph companies have already over 10,000 printers installed linked with their main offices by direct wires, operated by the same printer telegraph apparatus that will be used in the new service.

Inauguration of the new service will not be accompanied by the elimination of any telegraph services now given to the public.

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ATWATER KENT TO AID HIS OWN UNEMPLOYED

A. Atwater Kent, radio manufacturer, announced plans last night (Sunday) for a relief program of his town to aid former employees who are in need, according to an A. P. dispatch from Philadelphia.

His announcement came two weeks after he had refused to contribute to the Philadelphia United Charities drive and said that the entire resources of the Atwater Kent Foundation, endowed with more than \$1,000,000 had been placed in the hands of a committee for the assistance of several thousand men and women who had previously worked in the Atwater Kent factory.

In addition, Mr. Kent said, he was keeping his factory operating at a loss of \$250,000 rather than reduce his present force.

In announcing his plan, Mr. Kent said:

"These are trying times and thousands of deserving and industrious men and women in Philadelphia, as elsewhere, find themselves in unfortunate circumstances. My first thought is for those who have been in my employ and who may be in need of assistance this Winter. It is for them my plan is intended, giving first attention to those longest in Atwater Kent service and who need help most. Each application will be investigated carefully.

"In this way I feel I can render the greatest service in the present unemployment situation."

Only persons who have worked for the company at least one year, either before or after December 1, 1929, will be eligible for relief, Mr. Kent said. The plan is expected to be put in operation November 30th.

Mr. Kent's committee declined to estimate the possible percentage of eligibles actually in need.

"But every one will be cared for", a spokesman said, "and if our resources permit, we will extend the plan to former employees who have had only six months' service.

Needy families will be supplied with orders for food, clothing and fuel under the plan, but no cash will be given.

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RADIO TUBE IS HUGE WELDING PROJECT IN MINIATURE

That the production of a radio tube parallels a tremendous industrial task, in miniature, was pointed out by George Lewis, Vice-President of the Arcturus Radio Tube Company, Newark, N. J., at a recent meeting of industrial engineers.

Aside from the numerous fine elements used in the construction of a tube which could be termed analagous to minute girders, braces, cross members, etc., there are 186 various spot welds in the final assembly of the elements.

This is equivalent to the number of welds required in laying a 3/4 mile pipe line, with each section of pipe 20 feet long. This would be sufficient to weld all steam and water pipe connections in the average home; or, in the marine field, to weld a mammoth anchor chain 93 feet long for one of the big ocean liners. In aviation, a complete plane including the frame and fuselage could be securely welded with this large number of operations.

"It is hardly believable", says Mr. Lewis, "that this great number of welds are necessary in a small article like a radio tube. But fine wire and small parts are used which require a weld no larger than a pin-head."

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HEARINGS SCHEDULED BY RADIO COMMISSION

November 24 - WHDL, Tupper Lake Broadcasting Co., Inc., Tupper Lake, N. Y., hearing on order revoking station's license; also for C. P. 1220 kc., 1 KW, daytime, sharing with WCAD. Others Notified: WCAX, Burlington, Vt., WNAC-WBIS, Boston, WCAD, Canton, N. Y. WHDL's present assignment 1420 kc., 100 w., daytime.

WCAD, St. Lawrence University, Canton, N. Y., renewal of license, 1220 kc., 500 watts, daytime; Others Notified: WHDL, Tupper Lake, N. Y.

KGRS, E. B. Gish, (Gish Radio Service), Amarillo, Texas, renewal of license, 1410 kc., 1 KW, shares equally with WDAG; Others notified: WDAG, Amarillo, Tex.

WDAG, National Radio & Broadcasting Corp., Amarillo, Texas, renewal of license, 1410 kc., 1 KW, shares equally with KGRS; Others Notified: KGRS, Amarillo, Tex.

WEAO, Ohio State University, Columbus, Ohio, renewal license, 570 kc., 750 watts, shares with WKBN; Others Notified: WKBN, Youngstown, Ohio.

WKBN, WKBN Broadcasting Corp., Youngstown, Ohio, renewal license, 570 kc., 500 watts, shares time with WEAO; Others Notified: WEAO, Columbus, Ohio.

W9AJD, Joy P. Miller, Ashland, Neb., hearing on order revoking amateur license.

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CALIFORNIA PRESS ASSOCIATION FAVORS GOVERNMENT CONTROL

Adoption of a resolution favoring government supervision of all radio programs featured the annual business convention of the California Press Association in San Francisco recently. Friend W. Richardson, former Governor of California and President of the Association for the past 25 years presided.

Text of the resolution adopted by the convention, which was attended by nearly 100 publishers, follows:

"Resolved, that we favor government supervision of all radio programs along the lines followed in Continental Europe, and a stricter control of the air, in the interests of better entertainment for the people."

Action on the radio question followed extensive consideration of this type of competition in an open forum discussion following an address on the subject by Homer W. Wood, publisher of the Porterville Recorder, Justus F. Craemer, Vice-President of the Association, and publisher of the Orange News, told of the views presented at the American Newspaper Publishers' Association convention in Los Angeles. Ed Wilder, San Francisco office manager for the California Newspaper Publishers' Association, quoted the Gannett Newspapers' radio survey. President Richardson said that the radio problem could be solved by government programs, and stated his belief that united action by publishers could obtain this type of program.

Speaking on the subject of radio competition with the newspaper, Mr. Wood said that he had found in personal surveys that the "adless radio" is an almost universal desire.

"I myself several years ago adopted a remote control plan for the radio in my home", he said, "having an electrician install a device enabling me to turn off the radio from any part of my home when I found it tiresome. I found that invariably I was reaching for the cut-off button when the advertising announcement started.

"Many of you publishers are now advertising a device made by the General Electric Company providing not only a cut-off but a change of stations from any portion of the room. From the popularity indicated for this invention, I believe the value of radio advertising will be proven overestimated.

"We must treat radio as a fair and magnanimous experiment. It is a benefit to mankind, particularly to the blind. We must meet radio competition, but radio will not kill us. We are going ahead just the same."

There has been too much discussion of radio and too little action, warned H. R. Judah, publisher of the Santa Cruz Evening News, who presented greetings from the California Newspaper Publishers' Association, of which he is president.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

November 19 - WEVD, Debs Memorial Fund, Inc., New York, N.Y. C. P. to move transmitter from Forest Hills, N. Y., to Brooklyn, N.Y., and install new equipment; Theo. F. Zemla, E. Leroy Pelletier and Harold T. Coughlan, Pontiac, Mich., C. P. to erect a new station to use 800 kc., 500 watts, daytime; WJTL, Oglethorpe University, Oglethorpe University, Ga., license to cover C. P. granted 9/4/31 to move transmitter to Atlanta; KTHS, Hot Springs Chamger of Commerce, Hot Springs National Park, Ark., special authority to operate on 970 kc., from 3:00 to 6:30 P.M., C.S.T., on January 1, 1932, only.

The following application was returned to the applicant:

WROL, Stuart Broadcasting Corp., Knoxville, Tenn., C. P. to move transmitter and increase day power (facilities of WFBC not sufficient).

November 20 - WAGM, Aroostock Broadcasting Corp., Presque Isle, Maine, modification of C. P. granted 5/26/31 to change equipment and extend completion date; WWVA, West Virginia Broadcasting Corp., Wheeling, W. Va., move transmitter and studio locally and make changes in equipment; WBTM, L. H., R. G., and A. S. Clarke, d/b as Clarke Electric Co., Danville, Va., voluntary assignment of license to Piedmont Broadcasting Corp.; WQBC, Delta Broadcasting Co., Inc., Vicksburg, Miss., modification of license amended to request change from 1360 kc., to 1430 kc. (facilities of WNBR-WGBC).

The following application was returned to the applicant:

WFEA, Rines Hotel Co., Manchester, N. H., assignment of license to New Hampshire Broadcasting Co. (improperly executed)

Applications Other Than Broadcasting

Nov. 18 - R.C.A. Communications, Inc.; K6XO, Kahuku, Hawaii, modification of license for change in class of service to special experimental, change in frequencies to 6890, 7520, 11680, 15985, 16030 kc., 80 KW; W6XI, Bolinas, Calif., modification of license for change in service to special experimental, change in frequencies to 6845, 6860, 9010, 9480, 10390, 10410, 10620, 11950, 13690, 13780, 15460, 18020, 18060, 20780 kc., change in power to 80 KW; Miami Broadcasting Co., Inc., Portable, Miami, Fla., new C.P. for 2368 and 2342 kc., after 2/1/32, 15 watts, special experimental.

Also, Radiomarine Corp. of America: W10XL, Plane NC-9779, renewal of special experimental license for 333, 375, 500, 1594, 1706, 2316, 2398, 3082.5, 3105, 3492.5, 4797.5, 4917.5, 5520, 5692.5, 6425, 8220, 8655, 12330, 12862.5, 17310 kc., 100 watts; W8XJ, West Dover, Ohio, renewal of special experimental license for 3106, 3082, 3088, 3160, 3172, 3178, 5570, 5540, 5660 kc., 350 watts; National Broadcasting Co., Inc.: W10XAO, portable, renewal of special experimental license for 1584, 2392 kc., 50 watts; W10XAL, portable, renewal of special experimental license for 1584, 2392 and 1566, 2390 kc., effective 2/1/32, 50 watts.

Nov. 19 - KIM, Kennecott Copper Corp., Latouche, Alaska, renewal of coastal and point-to-point license for 500, 425, 219, 187 kc., 100 watts; Town of Arlington (Police Dept.), Arlington, Mass new C.P. for 1712 kc., 100 watts, emergency police service; WPDT, City of Kokomo Police Dept., Kokomo, Ind., renewal of police license for 2470 kc., 50 watts; Ray-O-Vision Corp. of America, Los Angeles, Calif., new C. P. for 1594, 2398, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 23100, 25700, 26000, 27100, 34600, 41000, 51400, 60000 to 400000, 401000 kc., 75 watts, experimental service; WOX, New York Telephone Co., St. George, Staten Island, N. Y., license covering C. P. for 2530 kc., 400 watts, coastal service; Radiomarine Corp. of America, New York, N. Y., C. P. for 12862.5, 17310, 23100, 25700, 34600, 41000, 1594, 2398, 3492.5, 4797.5, 6425, 8655, 60000-400000 kc., 350 watts, experimental service.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted (November 20th)

KGEW, City of Ft. Morgan, Ft. Morgan, Colo., C. P. to make changes in equipment to conform to G.O.s 111, 115 and 116; WRBQ, J. Pat Scully, Greenville, Miss., modification of C. P. to extend completion date to January 27, 1932; WGBS, American Radio News Corp., New York City., modification of C. P. to change studio location from Hotel Lincoln to Ritz Tower; change type of equipment and extend completion date to January 15, 1932; WBBC, Brooklyn Broadcasting Corp., Brooklyn, N. Y., license covering changes in equipment 1400 kc., 500 watts, shares with WLTH, WCGU, and WFOX; KGFF, KGFF Broadcasting Co., Inc., Shawnee, Okla., license covering installation of new equipment 1420 kc., 100 watts, unlimited time; KOIL, Mona Motor Oil Co., Council Bluffs, Ia., authority to determine licensed power by direct measurement of anetnna input.

Also, WNY, Radiomarine Corp. of America, Brooklyn, N. Y., C. P. coastal and marine relay service; WOE, Same Co., Palm Beach, Fla., modification of C. P. to extend completion date to December 12, 1931; State of La. Bureau of Identification & Investigation, Shreveport, La., C. P. for police service, 1574 kc., 100 watts; W9XD, The Journal Co., Milwaukee, Wis., C. P. to change location of transmitter locally in Milwaukee; KZS, A. A. McCue, Boca de de Quadra, Alaska, C. P., coastal point to point service; WPL, Northern States Power Co., St. Croix Falls, Wis., authority to install automatic frequency control; KOW, Pacific Tel. & Tel. Co., in or near Seattle, modification of C. P. covering approval of exact location of transmitter; National Parks Airways, Inc.: 5 aircraft licenses, new planes; KUP, Examiner Printing Co., San Francisco Cal., modification of license for change in equipment; KGPD, City and Co. of San Francisco, Dept. of Electricity, San Francisco, modification of license (police and fire) to change frequencies.

Aeronautical Radio, Inc.: KGT, Fresno, Cal., KGUZ, Ponca City, Okla., WEEM, Miami, Fla., granted aeronautical licenses; WEEM, Miami, Fla., license, point to point aeronautical service; Mackay Radio & Telg. Co., Inc.: WSL, Sayville, N. Y., C. P. for new transmitter to replace existing arc transmitter; KEX, Hillsboro, Ore., marine relay license; KONZ, New York City, authority to operate radio station aboard vessel "City of Alton", pending receipt of formal application; American Radio News Corp.: WEEW, Carlstadt, N. J., WAI, Atlanta, Ga.; WEEX, Tinley Park, Ill.; NGRU, Denver, Colo., modification of C. P. to extend completion date to read "within 60 days after Feb. 1, 1932, and July 1, 1932"; KGWW, Fox Film Corp., Beverly Hills, Cal., renewal of license, temp. service for motion pictures; KGWV, Same Co., portable, renewal of motion picture license; W6XF, Ralph M. Heintz, on board SS "President Coolidge" and SS "President Hoover", authority to operate portable station for 60 days from Nov. 20th on board the two ships; WGEN, Radio Corp. of America, N. Y. City., authority to operate for period of 60 days pending receipt of formal application, station aboard vessel "Mariposa"

Renewal of Licenses

The following stations were granted regular renewal of licenses: WFDV, Rome, Ga.; WJBW, New Orleans, La.; WKBC, Birmingham, Ala.; KFCQ, Boone, Ia.; KFJY, Riverdale, Ft. Dodge, Ia.; KFXM, San Bernardino, Cal.; KSMR, Santa Maria, Cal.; KWCR, Cedar Rapids, Ia.; WEBR, Buffalo, N. Y.; and WSOC, Gastonia, N. C.

KGBU, Alaska Radio & Service Co., Inc., Ketchikan, Alaska, renewal of license 900 kc., 500 watts, hours of operation 11 A.M. to 2 P.M. and 6 P.M. to 12 P.M. daily.

The following stations were given temporary licenses and applications set for hearing: WCAX, Burlington, Vt.; WMBG, Richmond, Va.; WNBX, Springfield, Vt.; WSIX, Springfield, Tenn.; KFWF, St. Louis, Mo., and KGFW, Ravenna, Neb.

KFXJ, D/b as Western Slope Broadcasting Co., Grand Junction, Colo., temporary license to Jan. 1st, pending decision on hearing held; WROL, Stewart Broadcasting Co., Knoxville, Tenn., regular license and application removed from hearing docket.

Set For Hearing

WMPC, The First Methodist Protestant Church of Lapeer, Lapeer, Mich., and WOPI, Radiophone Broadcasting Station WOPI, Inc., Bristol, Tenn., applications for renewal of licenses set for hearing because facilities have been applied for; Troy Broadcasting Co., Troy, Ala., requests C. P. for new station 1500 kc., 50 watts, day-time hours; S. A. Lutgen, Wayne, Neb., requests C.P. new station 1310 kc., 100 watts, share with KGFW.

Application Denied

WCHI, People's Pulpit Association, Chicago, Ill., denied renewal of license; consent to voluntary assignment of license to Midland Broadcasting Co., and mod. of lic. to increase hours of operation.

Action On Examiners' Reports

A. B. Murray & T. P. Singletary, Baton Rouge, La., denied C. P. for new station, 1500 kc., 100 watts, unlimited time, sustaining Examiner Hyde (Commissioners Sykes and Lafount dissenting); WSK, The C. Reiss Coal Co., Sheboygan, Wis., denied license for marine relay service, 171 kc., 1 KW, sustaining Examiner Yost; WAAT, Bremer Broadcasting Corp., Jersey City, N. J., denied, modification of license to change frequency from 940 to 930 kc., power from 300 watts to 250 watts, and daytime operation to unlimited, sustaining Examiner Walker; WCBM, Baltimore Broadcasting Corp., Baltimore, Md., denied modification of license to change frequency from 1370 kc. to 1210 kc., sustaining Examiner Hyde.

WICC, Bridgeport Broadcasting St., Inc., Bridgeport, Conn., granted renewal of license, 600 kc., 250 w., 500 w. LS, shares with WCAC, sustaining Examiner Hyde; WCAC, Conn. Agr. College, Storrs, Conn., granted renewal of license, 600 kc., 250 watts, shares with WICC, sustaining Examiner Hyde; Sherwood H. Patterson, Laramie, Wyo. application for new station withdrawn without prejudice, sustaining recommendations of Examiner Yost; WPCC, North Shore Church, Chicago, Ill., denied C. P. for increase in power to 1 KW, sustaining Examiner Yost.

Miscellaneous

WBSO, Babson's Statistical Org. Inc., Needham, Mass., application for assignment of license, set for hearing on Sept. 10th, reconsidered and granted.

Action Taken Nov. 19, 1931

WSAR, Doughty & Welch Elec. Co., Fall River, Mass., granted regular renewal license and application removed from hearing docket (set for hearing because of failure to operate 12 hours daily in compliance with G.O. 105); WMRJ, Peter J. Prinz, Jamaica, N. Y., temporary license and application for renewal set for hearing, because of violations of various general orders; WIBR, George W. Robinson, Steubenville, Ohio, denied petition for rehearing in matter of renewal of license; W2AOR, William N. Ferrell, E. Rutherford, N. J., amateur license revoked because station had been operating at an address different from that contained in license.

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