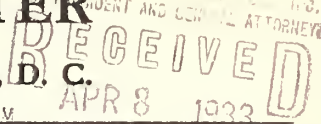


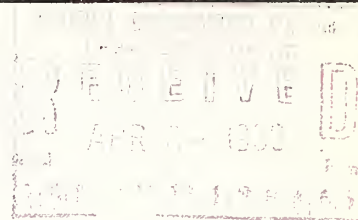
HEINL RADIO BUSINESS LETTER

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 :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::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. 612

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PROXIMITY TO BELLEVUE LABORATORY MAY COST WJSV LICENSE

Station WJSV, operated by the Old Dominion Broadcasting Co., and a member of the Columbia network, was ordered by the Federal Radio Commission to close down its transmitter on Mt. Vernon Highway, between Alexandria, Va. and Washington, effective May 1, because of interference it is causing with the work of the Naval Research Laboratory, located at Bellevue, D.C.

A hearing was held on February 16, 1933, following a formal complaint on the part of the Navy Department to the Federal Radio Commission that experimental work at the Naval Research Laboratory could not proceed until the interference had been cleared. This interference was noted from the beginning of WJSV's operation on the new site last Fall. Approximately half of the work done at the laboratory is in connection with experiments and development of radio, including work on aircraft radio.

The Bellevue Research Laboratory is important to the Navy Department and the national defense, both from the standpoint of the transmission and receiving of radio communications as well as the associated research and experimental work. It is said to represent an initial cost of some \$3,000,000. More than three hundred persons are employed there, nearly two hundred of which are research men.

The Commission gave the following grounds for its decision to close Station WJSV:

"The Navy Department maintains in Bellevue, D.C. a laboratory essential to the conduct of national communication and where various research and experimental activities are carried on. The operation of radio broadcast Station WJSV causes severe and objectionable interference to several activities in the laboratory. At the time of granting the construction permit to Station WJSV, on June 17, 1932, the Commission was not informed of and had no knowledge concerning the various activities at Bellevue and had no knowledge that the operation of radio broadcast station WJSV would cause severe interference therewith. In fact the Commission was not informed concerning the activities of the laboratory, or that interference would be caused therewith by the operation of WJSV prior to the letter received from the Secretary of the Navy, which letter is dated Sept. 19, 1932.

"The normal conduct of the activities of the laboratory, heretofore described, is of immeasurable importance to the public because of its relation to the national defense.

"The interference caused with the work at Bellevue Laboratory is a cause or circumstance which has arisen and has come to the knowledge of the Commission since the granting of the construction permit on June 17, 1932, and said cause or circumstances is such as to make the operation of said station in accordance with the terms of the construction permit, and at the location therein specified against the public interest, convenience and necessity."

However, Station WJSV's management is not without hope. An application will be filed within the next couple of days by the Old Dominion Broadcasting Co., operating WJSV, for an experimental license to continue broadcasting after May 1.

WJSV is confident that the Commission will allow them to operate experimentally, since they believe the Navy Department is willing to cooperate. Experiments will be made with directional antenna, already constructed, but not yet in operation. It is hoped by the Columbia office that this antenna will eliminate WJSV's ground wave in the direction of the Naval Research Laboratory. This means that WJSV's signal strength would be lowered throughout Southeast Washington, eastward to the Atlantic Ocean, also to the west of the station. However, the signal would be increased about 30 per cent to the north and the south.

"If the Commission will grant the application for an experimental license", said an official of Station WJSV, "and we presume they will since the Navy is willing to cooperate, we may operate for some months under an experimental license. If they do not allow this experimentation, an appeal will be filed with the Court of Appeals. The appeal will set forth that WJSV has complied with all the Commission regulations and built the station in good faith, with the sanction of the Commission. It will set forth that the Navy Department failed to notify the Commission within the proper length of time, therefore WJSV ought not to bear the expense of moving the transmitter.

"WJSV will always be on the air. If we are not allowed to experiment with the directional antenna and we are compelled to move the transmitter, we will certainly be able to get an extension until the new transmitter has been built."

A. B. Chamberlin, chief engineer of the Columbia Broadcasting System, in New York, is making the directional antenna experiments. He is assisted by Frank Falknor, of Station WBBM, Chicago, antenna expert.

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WHITE HOUSE RADIO CONFERENCE REPORTED

It is believed the tentative recommendations with regard to the future of the Federal Radio Commission were submitted to the President Friday afternoon. Judge Ewin Davis, of Tennessee, former chairman of the House radio committee, Gen. Charles McK. Saltzman, former chairman of the Federal Radio Commission, and others who have been working on these recommendations, conferred with President Roosevelt at the White House.

The understanding is that the discussion was not confined to radio alone but included consolidation of several other governmental commissions. No indication was given as to the nature of the radio recommendations, and it is not certain that President Roosevelt will accept them. At least the conference indicated that radio had at last come to the personal attention of Mr. Roosevelt.

There is no way of knowing how long it will be before President Roosevelt announces the solution of the radio problem, but action may be expected from now on.

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COPYRIGHT APPLIED TO BROADCAST IN PUBLIC PLACES IN BRITAIN

Thousands of hotels, restaurants and public houses in Great Britain were affected by a decision last week in a test case to decide whether loud-speaker broadcasts in places of public entertainment constituted a new performance entitling the copyright owners to royalties.

An injunction was granted to the Performing Right Society, Ltd., restraining the Hammonds-Bradford Brewery Co., Ltd., from permitting the George Hotel to use for reproduction in public any musical work the rights to which the plaintiff owned.

The case probably will be taken to the court of appeal.

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BRITISH RADIO MAGAZINE HAS 2,200,000 CIRCULATION

"There is no advertising on the air in England unless it filters through from some other country", writes Orrin E. Dunlap, Jr., in the New York Times. "Nevertheless, the broadcasters derive a revenue from advertising. They are in the publication business as well as the ethereal business, which the American broadcasters have refrained from doing.

"The Radio Times of England is a weekly magazine containing radio programs printed on Friday for a week in advance. The price is four cents a copy. The circulation is 2,200,000. Last year the net profit derived from the sale of the magazine and advertising on its pages was \$1,300,000.

"We were forced into the publication business", said W. Gladstone Murray, official of the British Broadcasting Corporation, who visited in New York recently en route to Canada to assist the Dominion in establishing a broadcasting system. 'Eight years ago the press stopped printing radio programs. They wanted the British Broadcasting Corporation to pay for the space. Gordon Selfridge, a London merchant, had contracted for a page advertisement in a leading newspaper and announced he would devote the space to radio programs as a public service, instead of advertising his wares.

"'Immediately the circulation of that paper jumped. The value of the programs as news was seen and all papers immediately restored the printed programs. They have published them ever since, despite the fact that we issue The Radio Times. The newspapers, of course, have an advantage on the side of accuracy, since they do not go to press as early as we do. The Radio Times is printed in three editions to speed distribution. One edition covers Southern England, one Northern England and the third goes to the North of Ireland and Scotland.'"

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PRESS WIRELESS WOULD EXTEND ITS SERVICE

Press Wireless, Inc., is seeking the permission of the Federal Radio Commission to modify its present license, so as to extend its service to certain points in foreign countries, notably between New York and Amsterdam. RCA Communications, Inc., and the Western Union are opposed to the extension.

The principal witness was Joseph E. Pierson, president of Press Wireless, Inc., who explained to the Commission that his organization had met with obstacles which delayed realization of the program for international business and prevented more than a partial realization of plans for domestic business. Principal among these obstacles, he said, were:

"1. The so-called short-wave appeals which prevented us from getting the use of seven of our transoceanic frequencies and all twenty of our domestic frequencies until Jan. 6, 1931.

"2. Difficulties in securing apparatus on account of the cross-licensing agreement between the Radio Corporation of America and its affiliated companies, which were ended by the consent decree of Nov. 21, 1932, in the suit brought by the government.

"3. Changes in the propagation characteristics of the domestic frequencies, which rendered them desirable for use in part in international communication and undesirable in part and inadequate for any satisfactory system of point-to-point domestic communication.

"4. The depression, beginning in October, 1929, which has affected Press Wireless, Inc., as it has all other companies and has made it impossible to engage in any large amount of expansion or in large new undertakings."

Mr. Pierson said that his company, after a study, had become convinced that a domestic network of point-to-point stations is not practicable or feasible.

Mr. Pierson offered an exhibit to show clients served in addition to the stockholders of Press Wireless, Inc., saying that in 1932 fifty-five per cent of the wordage business was for others than stockholders.

"With two exceptions, the exhibit shows customers whose business was handled in 1932", testified. "One of these is (he)

the Havana newspaper El Pais. The other is the International News Service, which is a Hearst organization, which we served in 1931, but not afterward.

"In 1931 the Hearst interests organized the American Radio News Corporation, and, without notice to us or opportunity for hearing, and over our protest, the commission granted permits and later licenses to this corporation.

"The existence of that corporation prevented us, we believe, from obtaining any business from the Hearst interests in 1932", he said.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted

WGLC, O. T. Griffin and G. F. Bissell, Hudson Falls, N.Y., granted mod. of CP to change type of eqpt. and granted license covering move of studio and transmitter; increase in daytime power, and install new eqpt.; 1370 kc., 50 w. night, 100 w. day; unlt. time; KOCW, J. T. Griffin, Chickasha, Okla., granted mod. of CP extending commencement date to thirty days after this date, and completion date to 90 days after this date; also authorized to change eqpt.; KPO, National Brdcastg. Co., Inc., San Francisco, Cal., granted license covering local move of transmitter, installation of new eqpt. and increasing power; also to use present eqpt. as auxiliary; 680 kc., 50 kw., unlt. time; WHBC, Edward P. Graham, Canton, Ohio, granted lic. covering installation of new eqpt., 1200 kc., 10 w. night and day, specified hours;

WFEA, New Hampshire Brdcastg. Co., Manchester, N.H., granted continuance of spec. auth. to operate with precise freq. control simultaneously with stations WOHO, WHP, WHEC, and WCAH on 1430 kc., for period of six months, subject to discontinuance without notice; KGGF, Powell & Platz, Coffeyville, Kans., granted spec. temp. auth. to operate from 7:15 to 9:15 p.m., CST, April 13, provided Station WNAD remains silent; WTAD, Ill. Brdcastg. Corp., Quincy, Ill., granted temp. license and designated application for hearing; WBBC, Brooklyn Brdcastg. Corp., Brooklyn, N.Y., granted temp. license, subject to such action as Commission may take on pending appl. for renewal, and designated renewal appl. for hearing; WMCA, Knickerbocker Brdcastg. Co., Inc., New York, granted lic. covering CP of new auxiliary transmitter and moving same from Hoboken, N.J. to New York, 570 kc., 500 w. for emergency purposes only; KWEA, Hello World Brdcastg. Corp., Shreveport, La., granted ext. to May 1, of special auth. to remain silent pending action on CP and renewal appl. now pending before the Commission; WDEV, Harry C. Whitehill, Waterbury, Vt., granted auth. to operate from 2 to 3:30 a.m., April 12, in order to broadcast a special DX program.

Commercial

New, City of Bayonne, N.J., police department, granted CP's for 8 new gen. exp. stations, freqs. 34600, 41000, 51400, 60000 to 400,000 kc., 4.5 w.; WLXAL, Shortwave Brdcastg. Corp., Boston, Mass., granted renewal of license pending hearing, but not to exceed 90 days. Freqs. 6040, 11790, 15250, 21460 kc., 5 kw.; W8XC, Ford Motor Co., Dearborn, Mich., granted ren. of spec. exp. license, 389 kc., 1000 w.; The Goodyear Tire & Rubber Co., Inc., granted renewal

of licenses for Aircrafts Puritan, Resolute, Volunteer and Reliance; KHVDW, Hartung Aircraft Corp., NC-211-V, granted renewal of license, 3105 kc., 8 w.; W2XAE, Delbert E. Replogle, Ridgewood, N.J., granted gen. exp. lic., freq. 60000-400000 kc., 1 kw. power; W10XZ, Atlantic Brdcastg. Corp., W10XAL, same, granted gen. exp. license; freqs. 41000, 51400, 60,000-400,000 kc., 1.5 w.; W8XAZ, Buffalo Brdcastg. Corp., portable and mobile, Buffalo, N.Y., granted gen. exp. license, 80000 kc., 1.5 w.; W8XAY, same, exc. 70000 kc., 10 w.; W2XBG, Radiomarine Corp. of America, New York City, granted ren. of gen. exp. lic. freqs., 1594, 2398, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 23100, 25700, 26000, 27100, 34600, 41000, 51400, 60000 to 400,000 kc., 350 w.;

W6XD, Mackay Radio & Teleg. Co. (Cal.) Palo Alto, Calif., granted renewal of gen. exp. license, freqs, 23100, 25700, 26000, 27100, 34600, 41000, 51400, 60000 kc., 5 kw. power; W2XBR, Radio Pictures, Inc., Long Island City, N.Y., granted ren. of spec. exp. license, 1550 kc., 500 w., to expire Nov. 1, 1933; W2XDJ, Bell Tel. Labs, Inc., Ocean Township, Whalepond Road, N.J., granted ren. of spec. exp. lic. 3422.5, 4752.5, 6755, 7565, 7610, 8560, 9170, 9750, 9750, 9870, 10550, 10675, 10840, 12840, 13390, 14470, 14590, 15355, 15415, 16270, 17120, 18340, 19220, 19820, 21060, 21420 kc., 25 kw.; W2XAY, Bell Tel. Labs., Inc., portable, granted ren. of spec. exp. license 17310, 18310, plus or minus 3 per cent; 100 w. power on center freqs., on other freqs. 100 w. power between 2 hrs. after 1s and 2 hours before local sunrise; 5 w. bet. 2 hrs. before local sunrise and 2 hours after local sunset;

W2XA, American Tel. & Tel. Co., portable in Sussex, Morris & Somerset Counties, N.J., granted ren. of spec. exp. license; freq. 6640, 7330, 8570-10400, 11550-12890, 13720-15250, 17280-19530, 20000-22070 kc., 10 w.; W8XE, Ford Motor Co., Dearborn, Mich., granted ren. of spec. exp. license, 389 kc., 1 kw.; W9XH, same, Lansing, Mich., same; K6XQ, RCA Communications, Inc., Kahuku, Hawaii, granted ren. of spec. exp. license freqs. 7370, 7520, 11680, 15985 and 16030 kc., 80 kw.; W6XI, same company, Bolinas, Cal., granted ren. of spec. exp. license; frequencies 6845, 6860, 9010, 9480, 10390, 10410, 10620, 11950, 13690, 13780, 15460, 18020, 18060, and 20780 kc., 80 kw.; W3XAI, RCA Victor Co., Inc., Camden, N.J., granted ren. of spec. exp. license; freqs. 1550, 2100-2200, 43000-46000, 48500-50300 and 60000 to 80000 kc., 500 w.; New, Willard S. Reynolds, High and Bridge Sts., Brownstown, Ind., granted new amateur station license.

Set For Hearing

New, Dean Schuyler Young, 1400 New Hampshire Ave., Washington, D. C., application for amateur license; WDRC, WDRC, Inc., Hartford, Conn., mod. of lic. to increase power

from 500 to 1000 w.; KGIR, KGIR, Inc., Butte, Mont., mod. of lic. to change freq. from 1360 to 1340 kc.; KGAR, Tucson, Ariz., Tucson Motor Service Co., mod. of lic. to change frequency from 1370 to 1450 kc. and increase night power from 100 to 250 w.; WNBW, Home Cut Glass & China Co., Carbondale, Pa., invol. assign. of lic. for WNBW, Inc., to G. F. Schiessler, & M. E. Stephens, d/b as Home Cut Glass & China Co.; WROL, Stuart Brdcstg. Corp., Knoxville, Tenn., CP to change freq. from 1310 to 1240 kc., increase power from 100 to 250 w., and change hours of operation from unlt. to half time with WKAQ; WPRO-WPAW, Cherry & Webb Brdcstg. Co., Providence, R.I., mod. of CP to change freq. from 1210 to 630 kc., and increase power from 100 to 250 w.;

Miscellaneous

William Milligan, 255 Effie St., Fresno, Cal., operator's license suspended for balance of its term because of violations of Radio Act as amended.

Call Letters Deleted

KGMP, Homer F. Bryant, Elk City, Okla., upon receipt of an order from the Court of Appeals of the District of Columbia, dismissing this appeal, the action of the Commission of July 1, 1932, has become final. Secretary directed to delete call letters of KGMP. The facilities of this station were granted to E. M. Woody, who has been issued a CP for new station.

Oral Arguments

WMBH, W. M. Robertson, Joplin, Mo., oral argument on Examiner's Report No. 462, submitted by Examiner Pratt on March 3, recommending denial of application for mod. of lic. to change hours of operation and providing for an increase from 35 to 71½ hours per week to be heard before the Commission en banc on April 19, 1933, beginning at 10 a.m. Time allowed - thirty minutes.

WIBO-WPCC - Federal Radio Commission vs. Nelson Bros. Bond & Mortgage Co., North Shore Church, Chicago, arguments to be heard in Supreme Court of the United States on April 10, on appeal by Commission from decision of the Court of Appeals of D.C., reversing Commission's decision deleting these stations and turning over their facilities to WJKS, Gary, Ind.

Heard Before Full Commission

WJSV, Old Dominion Brdcstg. Co., Alexandria, Va., denied appl. for license to cover CP to operate station transmitter on Mt. Vernon Highway near Potomac Yards, 1½ miles from center of Alexandria. Order effective at ex-

piration of the present test period at 3 a.m. on May 1, 1933.

Action On Examiners' Reports

Ex. Rep. No. 442 - New - 31st Street Baptist Church, Indianapolis, Ind., denied appl. for CP to erect a new broadcast station at Indianapolis, on which a conditional grant was made on June 30, 1932, and later suspended, to operate on 600 kc., 250 w., daytime. Examiner R. H. Hyde sustained.

Ex. Rep. No. 451 - KGNO - Dodge City Brdcastg. Co., Dodge City, Kans., granted increase in power from 100 to 250 w. and change in frequency from 1210 to 1340 kc., Commissioner Starbuck dissenting. Examiner Hyde reversed.

Ratification Of Acts Of Commissioners

KGQH, Van Camp Sea Food Co., Inc., Terminal Island, Cal., granted 60 day auth. to operate station aboard "Chicken of the Sea", pending receipt of formal appl. to Morgan Bros.; KGCA, Charles W. Greenley, Decorah, Iowa, granted five-day special auth. to operate station with reduced power of 60 w. because of failure of power plant; New, Portland Maine Pub. Co., Portland, Me., granted order to take depositions filed on behalf of The Portland Me. Pub. Co., in re hearing on appl. for CP, set for April 18.

Press Wireless, Inc., Hicksville, N.Y., denied request to inspect communications between the Commission and the Dutch Government and/or the Dutch P.T.T. administration relating to Press Wireless, Inc.; WKBZ, Karl L. Ashbacker, Ludington, Mich., granted spec. auth. to reduce hours of operation from unlt'd. to the following specified hours; 9 a.m. to 1 p.m. and 6 to 9 p.m. for period ending June 1, 1933; KFBK, James McClatchy Co., Sacramento, Calif., granted order to take depositions in re hearing on CP appl. scheduled for May 1; WLEM, Van Buren Corp., Schooner Black Hawk, granted permission to operate telegraph station on board Black Hawk on frequencies designated under Rule 285-A, power not over 200 w. For communication with coastal stations and with maritime mobile stations.

KFSP, Robinson Fisheries Co., Anacortea, Wash., KGND, same, granted 60 day. auth. to operate stations Azalea and Wanona pending action on appl. 373, 425 and 500 kc., 200 w.; WBAX, John H. Stenger, Jr., Wilkes Barre, Pa., granted auth. to remain silent from April 1 to 8, while moving studio; Libby, McNeill and Libby, Seattle, Wash., granted 60 day auth. to operate station aboard vessels Leona K. Expansion, Thelma S. and Bonito, pending action on appl. using 4 w. each, 3190 kc. WFFB, Hattiesburg Brdcastg. Co., Hattiesburg, Miss., granted spec. auth. to remain silent from April 1 to June 1, because of economic conditions; WIEK, Atlantic Brdcastg. Corp., New York, granted auth. to use station WIEK, 2476 or 1542 kc., 50 w., aboard Plane NC 9840 connection with Akron disaster.

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