

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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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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G. W. JOHNSTONE

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No. 391

PROPERTY RIGHTS NOT LIKELY TO BE UPHELD

The validity of the Radio Act of 1927, and the denial of property rights of broadcasters in frequency assignments are expected to be sustained by the United States Sypreme Court. During the argument of two cases challenging the regulatory legislation of the Federal Radio Commission last Friday, Justice Holmes stated that he was unaware of any precedent which held that a property right might be claimed for something that could not be reduced to physical possession.

The two cases are White vs. Johnson et al, and the American Bond & Mortgage Co., et al, vs. the United States. They are before the highest tribunal on certification from the Circuit Court of Appeals of theSeventh Circuit, which asked the Supreme Court several questions relating to the property rights in ether.

Thomas D. Thacher, Solicitor General, declared in his argument in defense of the Radio Act that the medium of radio transmission is "merely a scientific theory" and consequently cannot be held to be property. He also recited a list of precedents to show that in interstate commerce that property rights were "subject to the dominant and sovereign power of regulation."

Both stations involved are pioneers in broadcasting and are in Chicago, WCRW, operated by Clinton R. White, was established in 1926, and WMBB, operated by the American Bond and Mortgage Co., went on the air in 1924, whereas the Radio Commission did not come into existence until 1927. WMBB was ordered off the air in 1928.

Henry K. Urion, counsel for Station WCRW, recalled that the station he represents originally used 1,000 watts, was then cut to 500 watts by the Department of Commerce, and to 100 watts by the Federal Radio Commission. Recounting the early history of broadcasting, Mr. Urion asserted it is a private enterprise and not a public utility and that a station had a property right in its facilities, such as channel and power.

George W. Swain, counsel for WMBB, adopted another mode of attack, basing his chief complaint on allegations that his station had been ordered off the air without due process of law. He contended that the provisions of the Radio Act relating to these matters constitute an "unlawful delegation of power."

Station WMBB was ordered off the air, he charged, because of the Davis Amendment which required that the number of stations in Chicago be reduced.

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MAJESTIC ANNOUNCES MIDGET MODEL

Announcement is made by Grigsby-Grunow Company, makers of Majestic radio in Chicago, that their dealers in all parts of the country now have a small, mantel-type receiver that is priced at \$79.50, completely equipped with Majestic tubes.

It has a heavy steel chassis, oversize power transformer, and full dynamic speaker. Three of the extremely sensitive screen grid tubes are used and as in Majestic's larger models, the speaker is fed from two type-45 amplifier tubes in "push-pull." Only one control is required for tuning from end to end of the broadcast range, a second knob being a unique combination of volume control and "on-off" switch. This new Majestic measures 15-5/8 inches wide by 10-1/16 inches deep, and stands 19 inches high.

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WHITE WOULD KILL THIRD OF STATIONS

Representative Wallace H. White, of Lewiston, Maine, who after this session of Congress will move to the Senate, returned to the third session of the Seventy-First Congress with blood in his eye for the Federal Radio Commission.

Last week he introduced a resolution calling for a survey of all broadcasting stations with a view of eliminating from one-third to one-half of them. The proposal was referred to the House Committee on Merchant Marine and Fisheries, of which he is Chairman.

Giving as his reason for the action that several members of the Committee felt that there are too many radio stations, Mr. White criticized the Radio Commission for adding to, rather than reducing, the number of such stations.

"Under the original Act, it was the belief of the Committee that it would give the Federal Radio Commission a chance to cut down the number of radio stations", he said, "but since that time there has been no decrease.

"In fact, even where a radio station has 'died', the Radio Commission has not taken advantage of the opportunity to keep a station off the air but instead has issued licenses to fill the gaps."

The "excuse" of the Commission that it is "not certain of its power" and consequently is afraid to drive stations off the air is "not well founded", Mr. White asserted.

"There should be a reduction of from one-third to one-half the number of stations", he concluded.

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RCA CHINA CIRCUIT OPENED

China and the United States were linked in direct radio telegraph communication Saturday when RCA Communications, Inc., opened a new circuit between San Francisco and Shanghai.

The new circuit is one of the longest in the world-wide network of radio links which now connect the United States with more than thirty countries in Europe, Asia, Africa, South and Central America. It is 6,121 miles from the transmitting station near San Francisco, Cal., to Shanghai, or approximately twice the width of the Atlantic Ocean. The longest circuit in the RCA Communications network is from San Francisco to Batavia, Java, a distance of 8,646 miles.

A message from President Hoover to His Excellency Chiang Kai-Shek formally inaugurated the new service. Other messages expressing international good-will and felicitations on the opening of the circuit were exchanged by Henry L. Stimson, Secretary of State, and His Excellency Cheng-Ting Wang, Minister of Foreign Affairs; Mr. Chao-Chu Wu, the Chinese Minister to the United States and His Excellency Po-Chun Wang, Minister of Communications.

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HUM MINIMIZED IN NEW RADIO TUBE

Arcturus Radio Tube Company, Newark, N. J., manufacturers of Arcturus Blue Tubes, announces a new Type 124 Screen Grid Tube that reduces hum to a minimum when operated as a detector in conjunction with high-gain audio-frequency amplifiers.

The new tube utilizes a patented filament insulation having a remarkably high resistance at high temperatures. This special insulation is free from pores or openings which permit electrons from the heater to escape and cause hum. This new humless tube also has the added advantage of 7-second action which has been one of the outstanding features of Arcturus Tubes.

Extraneous noises, such as crackling and scratching, due to leakage from cathode to heater are also eliminated in this new tube.

The Engineering Division of the Arcturus Radio Tube Company has, after extensive research and investigation of all methods of filament insulation now in use, developed this advanced tube which has shown up remarkably well under life tests.

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MANY STATIONS OPERATING ILLEGALLY

Many radio broadcasting stations are being operated illegally and their owners are in danger of not only losing their licenses but may even be dissolved, if they be corporations, by the State which granted them charters or the stockholders who compose the organizations.

At least such is the contention of Nathan B. Williams, prominent Washington, D.C., attorney, who had it brought to his attention in a case now pending before the Federal Radio Commission. It is his belief that a goodly number of corporations have assumed the role of broadcasters without bothering to have their charters amended so as to include the new activity.

The far-reaching consequences of this irregularity, while not apparent at first, are realized, according to Mr. Williams when it becomes evident that the public at large as well as the stock-holders of one of these corporations is being taken advantage of often by the officers or directors of the business organization.

Thus, if a corporation is operating a broadcasting station when its charter limits its activities to those specifically mentioned, any libel which might be perpetrated over the station would endanger the personal fortune of every stockholder of the corporation. The reason for this, Mr. Williams pointed out, is that the laws governing liability of corporations do not protect the investors when they take any action not authorized by expressed or implied statements in the charter.

All corporations which are operating broadcasting stations without special permission do not come within this category, however, because of the liberal laws of some States in this matter. For instance, States such as New Jersey, Delaware, and Virginia are notorious for the broad powers they grant business organizations which obtain charters from them. These, among other States, have what is termed the "basket clause", which permits a corporation to engage in a variety of activities not specifically listed in the license.

A number of other States, on the other hand, have very strict laws which limit corporations within their jurisdiction to the business for which the charter was granted. It is here that there are radio stations which are in a precarious condition.

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MANUFACTURERS TIE UP WITH BIG PROGRAMS

As revealed in a visit to Washington of Bond Geddes, Executive Vice-President of the Radio Manufacturers' Association, the Merchandising Committee of the RMA, of which R. W. Jackson, General Manager of Brunswick, is Chairman, is to engage in a great drive through the jobbers to impress dealers with the importance of the sales possibilities in tying up with the big broadcasts.

Instead of selling furniture and sets, or rather in addition to this, jobbers and dealers are to be urged to talk of the great features which the owner of a good set may enjoy.

Stress will be laid on outstanding broadcasts just ahead such as the Army-Navy Game, Saturday; the next address of the Prince of Wales, December 16th; the debut of the great violinist Heifetz, December 23rd, and the Christmas International broadcast, when we will exchange our talent over the air for some of the best Europe affords.

Jobbers and dealers will be urged to tie these approaching events and opportunities in with their newspaper and magazine advertising in an effort to impress the public with the advantage the owner of a first class radio set has.

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DX LISTS NOW AVAILABLE

A special list of all North American radio stations, excepting those in the United States, Alaska, and Porto Rico, has been prepared by the Electrical Division of the Department of Commerce for the especial benefit of DX fans, who have not at all disappeared.

Frequency, wave length, call letters, power and the city, country, State, or province in which the stations are located is included in the list.

Copies may be had without charge upon application to the Electrical equipment Division, Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington, D. C.

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NEW TELEVISION REALLOCATION

The Federal Radio Commission today approved the following reallocation of television licenses, following the conference at the Radio Commission:

Channel 2,000 to 2,100 kilocycles: W3XK, 5,000 watts, Jenkins Laboratories, Wheaton, Md.; W2XBU, 100 watts, Harold E. Smith, Beacon, N. Y.; W2XCD, 5000 watts, DeForest Radio Co., Passaic, N. J.; W9XAC, 500 watts, Western Television Corp., Chicago; W2XAP, 250 watts, Jenkins Television Corp., portable, and W2XCR, 5,000 watts, Jenkins Television Corp., Jersey City, N.J.

Channel 2,100 to 2,200 kilocycles: W3XAD, 500 watts, RCA Victor Co., Camden, N. J.; W2XBS, 5000 watts, National Broadcasting Co., New York City; W3XAK, 5,000 watts, National Broadcasting Co., Bound Brook, N. J.; W8XAV, 20,000 watts, Westinghouse Electric and Manufacturing Co., Pittsburgh, Pa.; W2XCW, 20,000 watts, General Electric Co., Schenectady, N. Y.; W9XAP, 1,000 watts, Chicago Daily News, Chicago.

Channel 2,750 to 2,850 kilocycles: W2XBC, 500 watts, United Research Corp., Long Island City; W9XAA, 1,000 watts; Chicago Federation of Labor, Chicago, Ill.; W9XC, 1,500 Purdue University, W. La Fayette, Ind.

Channel 2,850 to 2,950 kilocycles: W1XAV, 500 watts, Short Wave and Television Laboratory, Inc., Boston; W2XR, 500 watts, Radio Pictures, Inc., Long Island City, N. Y.; and W9XR, 5,000 watts, Great Lakes Broadcasting Co., Chicago.

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SEES LAWS OF GOOD TASTE VIOLATED

The following is from the Editor and Publisher:

"There may be a semi-official warning in the public statement of Arthur W. Scharfeld, attorney for the Federal Radio Commission, advising the radio industry that self-regulation, after the manner of the film producers, may be the alternative to regulation in the public interest by the Commission. If so, the warning comes appropriately at a time when many programs are grossly violating the Commission's expressed disapproval of excessive 'direct advertising.'

"Mr. Scharfeld appears to be striking principally at fraudulent advertising over the air, which presents some legal problems more intricate than when the printed sheet supplies its own evidence of evil intent. He is striking at the obvious, at an abuse which is not frequent, and which can be brought to a neck-snapping stop by any of several Federal and State agencies if they care to deal with it.

"The kind of advertising that is now keeping thousands of radio sets dark, causing an unprecedented turnover in radio advertising accounts, and leading fast to new, drastic regulation, is the advertising that breaks no laws but those of good taste. It is thus probably out of the bailiwick of the Commission's attorney, but it is very much in the field of self-regulation by the buyers and sellers of radio time.

"Even the major chains, which make some effort at subtlety and grace in the advertising of sponsored programs, too often sell their facilities to enterprises for which no homogeneous combination of advertising and diversion can be found. The station takes the money and drives the advertising into the listener's head with a pickhandle. On most minor stations the pickhandle appeal is the only one known, especially for local merchants. It may succeed, but the long list of advertisers active in 1928 and 1929, and missing in 1930, is no index of success. The list of prospects is not infinite. Neither is the patience of listeners. It is not unthinkable that the public will regard the detested Government regulation as the lesser evil."

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TELEVISION DEMONSTRATED IN PARIS

The following is carried in "Commerce Reports", as coming from Trade Commissioner George R. Canty, Paris, France:

"Television as a potential rival and adjunct to the radio in the home has been given a successful demonstration in Paris by R. Barthelemy, known for his inventions in the wireless field. Figures were produced in the atmosphere in clear relief and in colors, the images were not blurred in outline, and facial features were so distinct as to permit easy recognition of individuals. M. Barthelemy claims that his apparatus has attained a state of perfection thus far not reached in other countries. He explained that in a year's study of television problems, there had been no intention of constructing an apparatus at great cost, but simply to produce a receiving apparatus for the home.

"At a demonstration in a French company's plant, the general director of the company was seen and heard at a distance by the employees for nearly an hour, without any adjustment of the receiver. When asked whether he could produce an entire scene, M. Barthelemy replied in the affirmative."

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

December 4 - WICC, Bridgeport Broadcasting Station, Inc., Bridgeport, Conn., modification of license to increase power from 500 watts day to 500 w. day and 250 w. night and change frequency and hours of operation from daytime on 1190 kc., to unlimited on 930 kc.; WKBQ, Standard Cahill Co., Inc., New York, N. Y., C. P. to change equipment and increase power from 250 W. to 500 Watts on 1350 kc.; WGCP, May Radio Broadcast Corporation, Newark, N. J., C. P. to change equipment; WFBE, Cincinnati, Ohio, license to cover C. P. issued 8/12/30 to install new equipment; WRR, City of Dallas, Texas, Dallas, Texas, C. P. to install new equipment; WCFL Chicago Federation of Labor, Chicago, Ill., C. P. to install new equipment; KWLC, Luther College, Decorah, Iowa, C. P. to change equipment; Olney Broadcasting Co., Olney, Illinois, C. P. to erect a new station to use 1370 kc., 100 watts, and hours up to 7:00 P.M. daily and 7:30 P.M. to 9:00 P.M. on Sunday; KGFL, W. E. Whitmore, Raton, New Mexico, request for authority to install automatic frequency control.

December 5, - WBEN, Edward H. Butler, Trustee for Ada Butler Mitchell and Edward H. Butler, d/b as Buffalo Evening News, Buffalo, N. Y., C. P. application amended to change equipment of auxiliary transmitter requested, and operate same with 250 watts instead of 500 watts (auxiliary to be located at Buffalo); WTIC, The Travelers Broadcasting Service, Corp., Hartford, Conn., C. P. to change equipment to permit synchronization and rapid frequency change and request for authority to synchronize with WEAJ on 660 kc. when WBAL is operating; Station shares with WBAL on 1060 kc.; WOOD, Walter B. Stiles, Inc., Grand Rapids, Mich., request for authority to voluntarily assign license to the Kunsky-Trendle Broadcasting Corporation (Assignee to be lessee); WGH, Hampton Roads Broadcasting Corp., Newport News, Va., C. P. to move station from one floor to another in same building and install new equipment; G. B. Chick & Elton L. Baker, Alva, Okla., C. P. to erect a new station to use 1500 kc., 100 watts, and unlimited hours; A. D. Woods & T. R. Woods, d/b as Shasta Electric Company, Klamath Falls, Oregon, C. P. application amended to request different equipment and 1210 kc., instead of 1200 kc., with unlimited hours.

Applications Other Than Broadcasting

December 4 - Westinghouse Electric & Mfg. Co., E. Pittsburgh, Pa., W8XS, renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 2 KW; Aeronautical Radio Inc.: KGTQ, Springfield, Mo., license to cover C. P. for 2722, 2734, 4108, 6365, 8015, 12180 kc., 400 watts; KGTG, C. P. for new transmitter for 2722, 2734, 4108, 6350, 6365, 8015, 12180 kc., 150 watts; KGTQ, Springfield, Mo., license to cover C. P. for 3082, 3088, 5540 kc., 400 watts; KQR, North Platte, Nebr., KRF, Lincoln, Nebr., KQQ, Iowa City, Iowa, KQM, Des Moines, Iowa and WQDU, Aurora, Ill., modification of licenses to change frequencies to 3160, 3166, 3172, 3178, 5570, 5660 kc., 400 watts.

Also, American Telephone & Telegraph Co.; WOO, Ocean Gate, N. J., modification of license for change in frequencies to 4752.5, 8660, 12840, 17120 kc., 20 KW, and request license to operate at Deal, N. J., on 4752.5, 8630, 12840, 17120 kc., 15 KW; New station at Lawrenceville, N. J., C. P. for special experimental on 6755, 9170, 9750, 9870, 10550, 13390, 14470, 14590, 16270, 18340, 19220, 19820, 21060, 21420 kc., plus 500 kc., for each frequency, 500 watts, also license to cover above C. P. for special experimental service, frequencies and power same; new station at Ocean Gate, N.J., C. P. for special experimental on 4752.5, 8630, 12840, 17120 kc., plus 500 kc., in each case, 500 watts, and license to cover above C. P., frequencies and power same; KGPD, City of San Francisco - Police and Fire Departments, San Francisco, Calif., assignment of C. P. to Ralph W. Wiley, Chief, Dept. of Electricity, City & County of San Francisco; W9XX, Rev. Lannie W. Stewart, Cartersville, Mo., renewal of license for 1604 kc., 100 watts; WFO, Ford Motor Company, Dearborn, Mich., modification of license for 398 kc., 1 KW; W2XAR, Radio Pictures, Inc., Long Island City, N. Y., renewal of license for experimental service 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., (1604 kc. used during hours 4 to 5 P. M. & 9 to 10 P. M. for experimental sound transmission in connection with experimental visual broadcasting station W2XR), 500 watts;

December 5 - KGSE, Aeronautical Radio, Inc., Amarillo, Texas, C. P. for additional transmitter on 2722, 2734, 4108, 6350, 8015, 12130 kc., 150 watts; W3XW, Aircraft Radio Corporation, Boonton, N. J., renewal of experimental license for 3256, 6425 kc., 50 watts; W7XA, Globe Wireless, Ltd., Portland, Oregon, Portable, renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650, 12850, kc., 1 KW; W2XBG, Radiomarine Corp. of America, Garden City, N. Y., renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650 kc., 200 watts; W3XL, National Broadcasting Co., Inc., Bound Brook, N. J., renewal of experimental license for 1304, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 20 KW; Westinghouse Electric & Mfg. Co.; W8XP, E. Pittsburgh, Pa., renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 500 watts; W8XI, E. Pittsburgh, Pa., renewal of experimental license for 31000, 41000, 51000, 59000, 60000 to 300000 kc., 30 KW; W9XY, Chicago, Ill., renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 25 KW; Globe Wireless, Ltd.; W7XC, Edmonds, Wash., and W6XAJ, Cypress, Calif. renewal of experimental licenses for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 1 KW and 1.5 KW respectively.

Also, Heintz & Kaufman, Ltd.; W6XJ, portable within State of Calif., and W6XF, Portable in Calif., renewal of experimental licenses for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300, 30100, 40100, 50100 kc., 500 watts; also, Lockheed Vega Plane, British Registration G-ABGY, license for new aircraft on 8650 kc., 50 watts for test purposes only; Mackay Radio & Telegraph Co., near Palo Alto, Calif., license to use experimental service on 27800, 30200 kc., 5 KW (to use transmitter now licensed for limited public service); W6XC, Radiomarine Corp. of America, portable in Calif., license covering C. P. for 375 kc., 10 watts, experimental service; W6XV, Federal Telegraph Co., Palo Alto, Calif., renewal of experimental license for 1604, 2398, 3256, 4795, 8650, 12850, 17300, 23100 kc., and above 10 KW; KGPD, City of San Francisco, Police &

Fire Depts., San Francisco, Calif., modification of C. P. for extension of completion date to 4/5/31; KKQ, RCA Communications, Inc., Bolinas, Calif., license covering C. P. for 11950 kc., 80 KW limited public service; WLXAI, Trustees of Tufts College, Portable, renewal of experimental license for 1604, 2395, 3256, 4795, 6425, 8650, 12850, 17300 kc., 1 KW; WJK, Press Wireless, Inc., Needham, Mass., C. P. for additional transmitter on 91 kc., 10 KW.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

December 5 the following applications were granted:

KFTL, Kingman, Ariz., and WQDU, Aurora, Ill., Aeronautical Radio, Inc., C. P. for additional transmitters; W3XM, Durham and Co., Inc., Philadelphia, Pa., modification of C. P. to extend completion date to 1/15/31; Mackay Radio & Telg. Co., Inc., Sayville, N. Y., license to use equipment now licensed as WKI for experimental work on part time basis; Lynchburg Flying Service, Inc., NC-417-Y, license, 3106 kc., 4 watts; KGRB, San Francisco Bar Pilots Association, Aboard "Gracie S", license to April 1, 1931, frequency 2560, 50 watts, also, KGRW, Same Assn., same request, aboard "Adventuress"; RCA Communications, Inc.; WAZ, New Brunswick, N. J., modification of license to cover change in transmitter number; change in points of communication, and deletion of two or three assigned frequencies; Also, at Bolinas, Cal., modification of 5 licenses for change in points of communication; W3XQ, American Tel. & Tel. Co., portable in N. J., renewal of license; Boeing Air Transport, WLOXX, Portable on Truck #2, voluntary assignment of license to Aeronautical Radio, Inc.; KHBYB, Plane NC-228M, consent to voluntary assign license to Boeing Air Transport Co.; Bell Telephone Laboratories, Inc., Airplane and Truck, authority to use special frequencies, 6200, 6600, 7000, 7400, 7700 on truck and airplane, 5 watts; WPDL, City of Lansing, Police Dept., Lansing, Mich., extension of completion date on C. P. for two weeks.

Also, WLOXL, Radiomarine Corp. of America, Airplane, permission to make temporary installation of special combination 20 w., telephone and telg. aircraft transmitter; WQDM, A. J. St. Antoine, Albans, Vt., C. P. to install new equipment, increase maximum power of equipment from 7.5 w. to 100 watts, and increase operating power to 100 w.; WTBO, The Associated Broadcasting Corp., Cumberland, Md., C. P. to make changes in equipment increasing maximum power of equipment from 100 to 250 watts, and increase day operating power to 250 watts; WDBJ, Richardson-Wayland Electric Corp., Roanoke, Va., C. P. to install composite 1 KW equipment increasing maximum rated power of equipment from 500 w. to 1 KW; WCAJ, Nebraska Wesleyan Univ. Lincoln, Neb., C. P. to change equipment involving a decrease in power from 500 to 250 w. of equipment; WCBS, Harold L. Dewing & Chas. H. Messter, Springfield, Ill., C. P. to move transmitter locally in Springfield; WNBF, Beardsley Specialty Co., Rock Island, Ill., C. P. to install new 100 w. maximum power equipment; KVL, KVL, Inc., Seattle, Wash., C. P. to change equipment; KFI, Earle C. Anthony, Inc.,

Los Angeles, Cal., modification of C. P. to change location of transmitter from $4\frac{1}{2}$ mi. NW to $1\frac{1}{2}$ mi. NW of Buena Park, Cal.; KFIO, Spokane Broadcasting Corp., Spokane, Wash., license to cover C. P. 1120 kc., 100 w., daytime only; WEBR, Howell Broadcasting Co., Inc., Buffalo, N. Y., authority to install automatic frequency control; WIBC, Nelson Bros. Bond & Mrtg. Co., Chicago, Ill., permission to broadcast Sunday P. M. from 4:30 to 6.

Applications Denied

The following were set for hearing but applicants failed to respond to hearing notices:

Edw. W. Kruse, New Castle, Pa., C. P. 1210 kc., 50 w.; A. W. Lytel, New Rockford, N. D., C. P. 1320 kc., $7\frac{1}{2}$ watts; Frank P. Vernli, Hazen, N. D., C. P. 1100 kc., 5 KW; Western Radio Tel. Co., St. Paul, Minn., C. P. 1604, 1712, 2398, 2410, 2416, 2422, 2440, 2452, 2458, 2470 kc., 500 w.; WCL, Intercity Radio Tel. Co., Columbus, O., C. P. 181, 184, 194 kc., 1 KW; W8XE, Penna. State College, State College, Pa., renewal of license; Harold R. Blackstone, Wayne, Pa., two C. P. 1600 and 1664 kc., 2 KW; Universal Wireless Communications Co., Inc., Buffalo, N. Y., C. P. 163, 438, 4116, 6515, 9830, 11140, 16900, 22160 kc., 10 KW; Also, California Highway Patrol, Bakersfield, Cal., denied telegraph request pending receipt of formal application which has not yet been received, to operate station until action is taken on application on file with Supervisor, 1660 kc., 150 w.

Set For Hearing

W. G. Hughes, E. L. Walden, A. F. Burch, & Frank DeWolfe, d/b as Oklahoma Panhandle Broadcasting Co., Guymon, Okla., ask for new station 1500 kc., 100 w., also to use portable to test for location; Orland & Robert Jones, d/b as Jones Bros. Garage, Cardell, Mo., ask for C. P. 1420 kc., $7\frac{1}{2}$ w. daytime hours; The McAdoo Drug Co., Carlsbad, N. Mex., asks for C. P. 860 kc., 7.5 watts, daytime, also portable to test for location; WFIW, WFIW, Inc., Hopkinsville, Ky., asks for C. P. to move transmitter and studio from Hopkinsville to a location to be determined by use of portable in Louisville; KFJB, Marshall Electric Co., Inc., Marshalltown, Ia., asks for C. P. to install new transmitter increasing maximum power of equipment from 75 w. to 1 KW, change frequency from 1200 kc., to 820 kc., increase power from 250 w. day and 100 w. night to 500 w., and change time from $\frac{1}{2}$ time to 4/7 time sharing with WSUI.

Applications Dismissed

The following applications are dismissed at request of applicants: WHN, Marcus Loew Booking Agency, Inc., New York City, C. P. 11100 kc., 5 KW, $\frac{1}{2}$ time; WMAK, WMAK Broadcasting System, Inc., Buffalo, N. Y., modification of license 630 kc., 1 KW, unlimited time; E. M. Pace, Vicksburg, Miss., C. P. 1420 kc., 10 w LS; Ron L. Wollard, Newark, Ohio, C. P. 1310 kc., 50 w., unlimited time; WCDA, Italian Educational Broadcasting, Inc., New York City, modification of license 1350 kc., 250 w., unlimited time.

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