

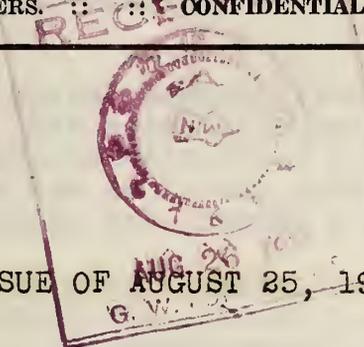
# HEINL RADIO BUSINESS LETTER

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 **CONFIDENTIAL—NOT FOR PUBLICATION.**

*Desk*



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No. 556



## COST OF TELEVISION RETARDS GROWTH

Television has passed the stage where there is any doubt that it is scientifically practicable, and now faces the problem of being developed inexpensively enough so as to be commercially practicable, declares Harold A. Lafount, acting chairman of the Federal Radio Commission.

"Reports from experimental laboratories reveal that slowly but steadily and inevitably, the scientific barriers are being surmounted", he said. "Television's scientific practicability is inevitable - the chief problem now is to cut down manufacturing and operating expenses so television will become a commercial industry".

Although no recent official reports have been received by the Commission, it is understood significant progress has been made during the last few months in the experimental laboratories. Obstacles which have heretofore seriously worried scientists seeking to develop television, have apparently been overcome sufficiently to assure their standing in the way no longer.

Laboratories are working now harder than ever before, and are concentrating their efforts on reducing expenses of manufacturing and operation of television apparatus. As things are now, it is impractical to forecast any immediate time when apparatus will be inexpensive enough to come within the reach of the average pocketbook. And until cheaper methods of manufacture and operation are found, there is no chance that television will develop into a great industry.

Its potentialities, however, are almost limitless. In combination with broadcasting, television will become one of this country's greatest industries, affecting every resident of the United States.

"Ever since its creation the Commission has been frequently petitioned to put television on a commercial basis", said Commissioner Lafount, "as if the Commission by the passing of rules and regulations could create for an industry a state of technical perfection which the best engineers in the country have not been able to achieve.

"The position of the Commission is very clear and quite simple in this respect. As soon as the television art is perfected to the point where the average layman can expect a comparatively fair amount of entertainment from his television receiver, it seems reasonable to suppose the Commission will not arbitrarily bar the way to economic progress in this field.

"If what has the essentials of a huge industry in the making must grow, live and prosper within perhaps only 10 channels, as is now the case, only the most extreme caution in the original granting of television licenses can prevent chaos."

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PAUL KLUGH AND J.G. GRUNOW WILL GO TO MADRID

Paul B. Klugh, president of the Zenith Radio Corporation, Chicago, and James G. Grunow, of the Grigsby-Grunow Co., Chicago, will represent the American radio industry at the international radio conference opening at Madrid, Spain, September 3. The announcement that the industry would be represented at the conference was made following a meeting of the Radio Manufacturers Association in Cleveland on August 23.

About 75 members of the RMA were present at the meeting. New by-laws were adopted and new officers elected for the coming year.

Fred D. Williams, of Indianapolis, was reelected president. Austin T. Murray, of Springfield, Mass., was chosen chairman of the radio sets division and first vice president; S. W. Muldowney, of New York City, chairman of the tube division, and second vice president; Leslie F. Muter, of Chicago, chairman of the parts, cabinets and accessories division and third vice president, and Richard A. O'Connor, of Fort Wayne, Indiana, chairman of the amplifier and sound equipment section and fourth vice president.

E. N. Rauland, of Chicago, was named treasurer, and Bond P. Geddes, executive vice president.

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WFLA-WSUN ISSUES HISTORICAL BROADSIDE

Following the dedication of the new station WFLA-WSUN, owned by the cities of Clearwater and St. Petersburg, Fla., an 8-page, newspaper size broadside has been issued containing historical and other references to the undertaking. WFLA-WSUN now operates with 1000 watts power at night, and 2500 watts in the daytime.

It is operated by the Florida West Coast Broadcasting Company and according to W. Walter Tison, executive vice president, it is the first broadcasting station to make use of the directional antenna.

The broadside sets forth the advantages of WFLA-WSUN coverage and carries with it two articles explaining the directional antenna system- one by Benjamin Adler, sales agent of the RCA-Victor Co., and the other by Commander T.A.M. Craven, USN, retired. The station operates full time on 620 kilocycles. It operates through a jointly-owned transmitter, located at Bayview, Clearwater, and is affiliated with the National Broadcasting Company.

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## AMERICAN RADIOS LIKED IN NEW ZEALAND

Fully 75 per cent of all the radio sets sold in New Zealand are of American make, according to Trade Commissioner Julian B. Foster's report to the Department of Commerce.

Local manufacturers, he says, are making substantial progress, but have not yet seriously threatened United States trade. English makers have not been able to produce a set capable of getting long-distance stations at a price which can compete with the American article.

The steady increase in radio sales throughout New Zealand has been a striking feature of the general business slump. Although 11,000 sets were distributed in the country during 1931, it appears probable, according to Foster, that 1932 will see a larger number sold and that sales will continue to expand for another two years at least.

The New Zealand demand is for the low-priced, four, five and six-tube superheterodyne electrically operated sets. It is estimated that there are more than 70,000 radio sets in use in the country at the present time.

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### DUBLIN TO HAVE RADIO EXHIBITION

Ireland's annual radio and gramophone exhibition will be held in Dublin this year from September 19 to 24. Arrangements are being made by the committee, it is said, for a really representative display of modern wireless and radio apparatus. Many exhibits of television apparatus are also expected to be shown.

It is pointed out that the annual exhibition has met with increasing success each year and is important as an advertising medium, aiding materially in the increased sale of radio sets in the Free Press in recent years.

The volume of trading in radio has shown steady improvement throughout the Irish Free State.

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### MACKAY RADIO EXPANDING

The granting of construction permits for ten new transmitters for oceanic radio communication to the Mackay Radio and Telegraph Company, means the entrance of that company into international radio communication on a large scale. Engineers of the commission estimate that the installation of these additional transmitters will cost about \$1,000,000. All the transmitters will be of 20,000 watts power. Four will be at Sayville, L.I. for additional transatlantic and South American traffic, while six will be located at Palo Alto, Cal., for transpacific work.

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## BROADCASTERS AGREE TO PAY COMPOSERS PERCENTAGE OF ANNUAL RECEIPTS

The long-waged battle between composers and broadcasters over payment for the use of copyrighted music on the radio, which reached a deadlock in July, resulted in an amicable agreement yesterday when the National Association of Broadcasters consented to pay the American Society of Composers, Authors and Publishers a substantially increased annual fee, the New York Times reports.

The terms of the new three-year license, effective on September 1, require the broadcasters to pay 3 per cent tax for the first year on the net receipts from the sale of time on the air, a 4 per cent fee for the second year and a 5 per cent toll for the third year. In addition, a "sustaining" license fee, equivalent to the toll exacted under the present system of flat assessment is required.

The terms of the new contracts were announced by E. C. Mills, general manager of the society, who dealt directly with the broadcasters in the negotiations.

With the broadcasters' present contract expiring on September 1, there had been considerable speculation in broadcasting and musical circles on the outcome of the copyright tax situation, which apparently had reached an impasse, threatening to result in a boycott of all copyrighted music on the radio.

Station officials at first opposed payment on a percentage basis. Instead of paying \$933,000, the amount the broadcasters were taxed in 1931, they offered a flat fee of \$1,250,000 a year, which was rejected by the committee representing the composers. Then the terms of the new contract were offered. This also was rejected at first, and the announcement of the acceptance caused some surprise.

"We are grateful for the decent, fair and generous attitude that the broadcasters have taken in this matter", Mr. Mills said. "We are confident that they had no thought of depriving the American public of the opportunity of hearing copyrighted music over radio stations throughout the country. We are cognizant of the fact that, especially in these times of depression, the substantially increased fee might place a considerable burden upon certain broadcasters, but we were left with no alternative other than seeking a higher fee.

"Since the tremendous decline in the sale of sheet music and phonograph records, which may be traced directly to radio broadcasting, the composers' chief revenue must necessarily come from radio. It was an economic emergency measure that prompted the increased tax in order that those engaged in the composition of musical works might be adequately compensated for their efforts.

"In the case of network programs the increased tax on gross receipts will be payable by the key stations, two or more stations operating simultaneously being considered a network.

Naturally this places the greatest burden on the networks, where it properly belongs, since they are the greatest users of music and since they derive the largest share of the profits in the employment of copyright music.

"But the fact remains that the new rate will make the gross tax considerably lower for 310 stations, with approximately 100 stations paying a higher rate. The reason for this is that the society's present contract is based upon station power, radio population and service area.

"The new system of assessment, while it may seem drastic and to impose the greatest burden on the networks, was the only course open to the society and it is in conformity with its policy of sharing in the revenues of copyright users who exploit the products of their owners for financial gain."

The society derived about \$933,000 from its present system of flat assessments on broadcasting stations during 1931 and will collect that revenue as a "sustaining" charge in addition to increasing it with the new percentage tax. The total time sold to clients on the air last year brought to the broadcasting stations between \$50,000,000 and \$60,000,000, according to Mr. Mills. Based on the \$50,000,000 figure, the society would derive \$1,500,000 in the first year under the new tax, \$2,000,000 the second year, and \$2,500,000 the third year, in addition to the "sustaining" charge.

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#### BROADCASTERS GIVE SCHUETTE DICTATORIAL POWERS

The following statement by Harry Shaw, president of the National Association of Broadcasters, was announced today (Thursday) from the Washington headquarters of the Association:

"The Board of Directors of the National Association of Broadcasters has conferred dictatorial powers on Oswald F. Schuette, of Washington, D. C. to cope with the pressing problems confronting the broadcasting industry. His first duty will be to negotiate the details of contracts between individual members of the Association and the American Society of Composers, Authors and Publishers to carry out the new percentage basis of royalties which was accepted at a special meeting of the Board held at the Hotel Commodore in New York City.

"Mr. Schuette will cooperate with Philip G. Loucks, managing director of the National Association of Broadcasters.

"The appointment of Mr. Schuette by the Board of Directors was intended as a vigorous protest on the part of the leaders of the industry against the attempt to levy extortionate royalty fees on the industry at this critical time. We hope, therefore, that the final contracts will be such that the American broadcasting industry can accept them and at the same time continue the high grade of its public service."

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## ECLIPSE RADIO EFFECT TO BE STUDIED

Three scientists of the Commerce Department's Bureau of Standards' staff are on their way to Nova Scotia to study the eclipse of the sun there on August 31, in an effort to obtain data which may lead to information on causes of fading and interference of radio reception, according to information made public by Acting Director Lyman J. Briggs, of the Bureau.

This will be the last opportunity for about 30 years for scientists to study a solar eclipse in this part of the American continent. The Bureau of Standards' scientists are the only ones who will be making observations from the standpoint of radio transmission exclusively.

The scientists, T. R. Gilliland, K. A. Norton, and E. Carnes, are taking two trucks with their equipment. Their observations will be made over a three-day period prior to the eclipse, which occurs at 3:30 p.m., EST, and for three days subsequent to the eclipse.

At the same time observations will be made from the Bureau in Washington, D.C. This work will be under the direction of S.S. Kirby, who will be assisted by L.V. Berkner. The latter was a radio expert with Commander Byrd on his South Pole expedition.

The observations to be made by the Bureau of Standards scientists do not depend upon clouds or other weather conditions, as the entire work is done by radio and can be performed quite as effectively on a cloudy day as on a clear day. Even if the sun is not visible it is known to a second when the eclipse will occur.

Observations made during the eclipse are considered valuable because at such a time a study can be made of the Kennelly-Heaviside layer much better than at any other time. This layer, so called, apparently exists about 70 or 80 miles above the earth and reflects radio beams much like a mirror reflects light. The layer changes in intensity and height above the earth and as it changes it causes skipping and fading of radio beams, both of which are familiar to radio listeners.

According to Dr. Briggs, the observations may give radio engineers and scientists additional information about this layer. It is now believed that the Kennelly-Heaviside layer is, in reality, two layers. The lower layer is more consistent in its performance than the upper one.

In making their observations, the scientists will use two radio cars. One will send messages into space and the other will receive them as the radio beams are reflected back from the Kennelly-Heaviside layer. The measurement of the time it takes the beams to go to the layer and return determines the height of the layer.

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## APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

August 22 - WCAC, Connecticut Agricultural College, Storrs, Conn., C.P. for changes in equipment and increase power from 250 watts to 250 watts night, 500 watts day to local sunset; WHIS, Daily Telegraph Printing Co., Bluefield, W. Va., modification of license to change hours from shares equally with WRBX to unlimited, facilities of WRBX, Roanoke, Va.; Roanoke Broadcasting Co., Roanoke, Va., C.P. for new station to use 1410 kcs., 250 watts, share with WHIS, requests facilities of WRBX, Roanoke, Va.; KTHS, Hot Springs Chamber of Commerce, Hot Springs National Park, Ark., special authorization to operate experimentally 8 hours daytime on 970 kcs., share night with KRLD on 1040 kc.; KRLD, KRLD Radio Corp., Dallas, Texas, special authorization to operate experimentally with unlimited day hours, share night with KTHS on 1040 kcs; KMBC, Midland Broadcasting Co., Kansas City, Mo., C.P. to move transmitter outside city limits of Kansas City, Kans.; KGHL, Northwestern Auto Supply Co., Billings, Mont., license to cover C.P. issued 4/29/32 for change in studio location, change in equipment, increase day power to 2½ KW (1 KW night); KFRC, Don Lee, Inc., San Francisco, Calif.; KGB, San Diego, Cal., and KHJ, Los Angeles, Cal., - voluntary assignment of licenses to Don Lee Broadcasting System.

August 23 - WJMS, Johnson Music Store, Ironwood, Mich., modification of license to request unlimited hours of operation instead of daytime only; KDKA, Westinghouse Electric & Manufacturing Co., Pittsburgh, Pa., license for authority to use special experimental station W8XAR as alternate transmitter at KDKA; KRMD, Radio Station KRMD, Inc., Shreveport, La., modify C.P. issued 7/22/32 for local change of transmitter to request changes in equipment and increase in power from 50 to 100 watts; WTSL, G. A. Houseman, Laurel, Miss., voluntary assignment of license to The Southland Radio Corporation; KGCU, Mandan Radio Association, Mandan, N.D. license to cover C.P. issued 5/24/32 for changes in equipment

### Applications Other Than Broadcasting

WSDR, Aeronautical Radio, Inc., Madison, Wis., C.P. to rebuild station destroyed by fire, 2854, 3005, 5377.5 kc., 400 w., (mobile), 2668, 2672 (fixed), aeronautical and point-to-point aeronautical; American Radio News Corp.: WAL, Carlstadt, N. J., and WAK, Tinley Park, Ill., renewal of point-to-point telegraph licenses for 95, 99 kc., 20 kw., and 10 kw. respectively; WEEW, Carlstadt, N. J., and W9XL, Tinley Park, Ill., renewal of point-to-point telegraph license for 7625, 7640, 9230, 9390, 10090 kc., 1 kw. and 500 watts respectively; Don Lee, Inc.: W6XS, near Gardena, Cal., W6XK, and W6XAO, assignment of C.P.s and licenses to Don Lee Broadcasting System, visual broadcasting and special experimental;

Also, R.C.A. Communications, Inc.: WDS, Rocky Point, N.Y., modification of license for change in serial no. of transmitter to #25 and primary communication points to Rio de Janeiro, Pernambuco, point-to-point telegraph; WEF, Rocky Point, N. Y., modification of license for change in serial no. of transmitter to #45 and primary communication points to Rio de Janeiro, point-to-point telegraph;

WKW, Rocky Point, N. Y., modification of license for change in serial no. of transmitter to #40 and primary communication points to Buenos Aires, point-to-point telegraph; WDB, Rocky Point, N. Y., modification of license for change in serial no. of transmitter to #35 and primary communication points to Paramaribo, Curacao, point-to-point telegraph; The San Francisco Chronicle, San Francisco, Calif., C.P. for 1550-1700 kc., 50 watts, broadcast pickup (temporary); Westinghouse Elec. & Mfg. Co., New Portable - C.P. and license for new station 1566 kc., 100 watts, temporary broadcast pickup. There were also received 137 application for amateur station licenses.

August 23 - W5XC, Ozark Radio Corp., Shreveport, La., voluntary assignment of license to Capitol Radio Transmitting & Detection Corporation, general experimental station; W4XB, Wade H. Dellinger, Charlotte, N. C., license to cover C.P. 41000, 51400, 60000-100000 kc., 15 watts, general experimental station; KGHO, State of Iowa, Des Moines, Iowa, modification of license, change in frequency to 1534 kc., and increase in power to 1000 watts, State police station; Durham Life Insurance Co., portable, initial location in or near Raleigh, N. C., 60000 to 400000 kc., 15 watts, C.P. for a new general experimental station. There were also received 78 applications for amateur station licenses.

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## DECISIONS OF THE FEDERAL RADIO COMMISSION

### Applications Granted (August 23, 1932)

WRC, National Broadcasting Co., Inc., Washington, D. C., license to cover C.P., 950 kc., 500 w., unlimited; authority to use present equipment as an auxiliary transmitter; WBEN, WBEN, Inc., Buffalo, N. Y., license to cover C.P., 900 kc., 1 KW, unlimited; also, input power with following additional power specifications: Antenna current 6.12 amperes for 1 KW. Antenna resistance - 26.7 ohms, Antenna: Type inverted "L" - length 140 ft; height of vertical lead 140 ft.; counter poise; towers, wooden poles; W. S. Bledsoe & W. T. Blackwell; KTSM, El Paso, Texas, and WDAH, El Paso, Texas, consent to voluntary assignment of license to Tri-State Broadcasting Co., Inc.; WEBQ, First Trust & Savings Bank, Harrisburg, Ill., consent to voluntary assignment to license to Harrisburg Broadcasting Co.; WHAS, The Courier-Journal and the Louisville Times, Louisville, Ky.; temporary authority to test transmitter construction by virtue of authorization with full rated power of 50 KW, authorization permits power of 25 KW; WSYR-WMAC, James G. Tracy & Edmund M. Smedberg, executors of estate of Clive B. Meredith, Syracuse, N. Y., involuntary assignment of license from Clive B. Meredith to James G. Tracy & Edmund M. Smedberg, Executor of estate of Clive B. Meredith.

Also, Westinghouse Electric & Manufacturing Co.: New Portable, C.P. (temp. broadcast. pickup), 1566 kc., 100 watts, Emission: A3 and special high quality telephony; also New Portable, 1566 kc., 100 w., emission: A3 and special high quality telephony. Authority granted to use this station Aug. 23 to 26, inc., in connection with National Air Races to be held at Cleveland, Ohio; Aeronautical Radio, Inc.: WSDR, Madison, Wis., C.P. (Aviation, aero point-to-point aero) (a) 2854, 3005 kc., unlimited, 5377.5 day only (b) 2668, 2672 kc., unlimited. Power: 400 w. Emissions: A1, A2, A3, (b) Points of comm.: frequs.: (a) primarily with aircraft flying the Brown Chain west and north of Chicago (b) Aeronautical point-to-point station west and north of Chicago; Howard A. Seyse, Mobile in Erie Co., N. Y., C.P. 51400 kc., 10 w., Emission: A1, A2, A3 and special, provided max. comm. band width plus tolerance does not exceed the frequency separation band width; Also, granted frequencies: 51400, 60500, 70500, 80500, 90500, 100500kc.; Power: 10 w. Emission A1, A2, A3 and special, provided max. Comm. band width plus tolerance does not exceed frequency separation band width.

Also, Pan American Airways, Inc.: Portable, Miami, Fla., C.P. (Gen. Exp.) Frequencies: 51400, 200000 and 300000 kc., Power: 1 w. Emission: A1, A2, A3, and special, prov. max. comm. band width plus tolerance does not exceed frequency separation band width; Also, on NCO752-V, license (aviation - Aircraft), 333, 500, 1708, 2870, 3082.5, 5405, 5692.5, 8220, 12330, 16440 kc., 12 watts, A1 emission; Stromberg-Carlson Telephone Manufacturing Co.: WJEP, Rochester, N. Y., C.P. (temp. broadcast pickup), 2342 kc., 10 w., A3 emission; also, license to cover C.P. 2342 kc., 10 w., A3 emission; will be used for special event broadcasts after permission is granted by Federal Radio Commission for each event; W3XS, Philadelphia Storage Battery Co., Philadelphia, Pa., license to cover C.P. (gen. exp.), 8650, 17300 kc., 1500 w., A1, A2, A3, emission unlimited, Rule 308; WPDM, City of Dayton, Police Dept., Dayton, Ohio, license to cover C.P. (emergency municipal police), 2430 kc., 150 watts, A3 emission.

Also, Aeronautical Radio, Inc.: KGUR, modification of C.P. (aviation - Aero. Point-to-point) to extend commencement date to within 60 days after 8/11/32 and completion date to 11/11/32; also modification of C.P. (aviation - aero.) to extend commencement date to 60 days after 8/11/32 and completion date to 11/11/32; KGPW, Salt Lake City (A municipal Corp.), Salt Lake City, Utah, license to cover C.P. (emergency municipal police) 2470 kc., 100 w., A3 emission; WJER, The Journal Co. (The Milwaukee Journal) Portable, initial location Milwaukee, Wis., license to cover C.P. (temp. broadcast pickup), 1566, 2390 kc., 7.5 watts, A3 emission, to operate so as to cause no interference; John M. Wells, NC-12603, license (exp. - gen. exp.) 60000 to 400000 kc., power: less than 50 watts, A1 and A3 emission; Flying Family, Inc., NC-150-H, granted (aviation -aircraft) license 500, 3105, 5520, 8280 kc., 15 watts, A1 and A3 emission.

Also, National Broadcasting Co., Inc.: WIEW, WIEX, WIEO Portables, initial location, New York, modification of license (temp. broadcast pickup) to operate an existing portable broadcast pickup station on board mobile units.

The following were granted temporary licenses pending action on docket cases:

WCOC, Mississippi Broadcasting Co., Inc., Meridian, Miss.; WKRC, WKRC, Inc., Cincinnati, Ohio; WMT, Waterloo Broadcasting Co., Waterloo, Iowa; WNAX, The House of Gurney, Inc., Yankton, S. D.; WNOX, WNOX, Inc., Knoxville, Tenn.; KARK, Arkansas Radio & Equipment Co., Little Rock, Ark.; KELW, Magnolia Park, Ltd., Burbank, Calif.; KTAB, The Associated Broadcasters, Inc., San Francisco, Cal.; KTM, Pickwick Broadcasting Corp., Los Angeles, Calif.;

The following applications were granted for renewal of broadcast station licenses:

WFI, WFI Broadcasting Co., Philadelphia, Pa.; WIBW, Topeka Broadcasting Association, Inc., Topeka, Kans.; WSYR-WMAC, James G. Tracy and Edmund H. Smedberg, executors of estate of Clive B. Meredith, Syracuse, N.Y.; WLBL, State of Wisconsin, Department of Agriculture and Markets, Stevens Point, Wis.; WMC, Memphis Commercial Appeal, Inc., Memphis, Tenn.; WTAG, and Auxiliary, Worcester Telegram Publishing Co., Inc., Worcester, Mass.; WOS, Missouri State Marketing Bureau, Jefferson City, Mo.; WWNC, Citizen Broadcasting Co., Inc., Asheville, N. C.; KFDM, Sabine Broadcasting Co., Inc., Beaumont, Texas; KFKA, The Mid-Western Radio Corp., Greeley, Colo.; KFSD, Airfan Radio Corp., Ltd., San Diego, Calif.; KUSD, University of South Dakota, Vermillion, S. D.; WGST, Georgia School of Technology, Atlanta, Ga., granted temporary license subject to such action as Commission may take upon certain applications to be filed to effectuate transfer of license to such parties as are in legal control of station; KGFX, Dana McNeil, Pierre, S. D., temporary license conditioned upon any decision Commission may render upon application of WNAX, which had hearing June 15, 1932.

#### Applications Designated For Hearing

WOR, Bamberger Broadcasting Service, Inc., Newark, N. J.; KFFM, Dave Ablowich, trading as The New Furniture Co., Greenville, Texas, facilities applied for; WOL, American Broadcasting Co., Washington, D. C., C.P. to make changes in equipment and modification of licenses to change frequency from 1310 kc., to 1240 kc., increase power from 100 w. to 250 w.; Allen Wright Marshall, Jr., Allen Wright Marshall, Sr., and Aaron Malcom, LaGrange, Ga., C.P. 1500 kc., 100 w., specified hours (facilities WRD); Peoples Broadcasting Corp., Jacksonville, Fla., C.P. 1370 kc., 100 w., specified hours (facilities WMBR);

#### Miscellaneous

WLBW, Broadcasters of Penna., Erie, Pa., Commission reaffirmed its action of 6/3/32 granting applicant permission to move station from Oil City, Pa. to Erie following withdrawal of protest of WERE, Erie; WEVD, Debs Memorial Fund, New York, N. Y., right to join in protest against the removal of transmitter of WCGU from Brooklyn to Long Island City. This application was recently set for hearing on protest of WWRL, Long Island City.

## Ratification Of Acts Of Commissioners

KHNLO, Drescher Solberg Corp., Inc., Merrick Long Island, N.Y., special authority to operate on 16560 kc., in addition to authority of August 9th, and granted authority to use maritime calling frequencies assigned for secondary purpose of communicating with amateur stations on condition that such transmission shall not interfere with primary use of these frequencies for regular comm. maritime communication and provided that the messages to be exchanged with amateur stations will contain no material savoring of a commercial transaction or for publicity or publication purposes (date of action: 8/20/32); WJBI, Monmouth Broadcasting Co., Red Bank, N. J., extended temp. license from August 22 to 3 A.M., Sept. 22 (date of action 8/20/32); WIEK, Atlantic Broadcasting Corp. New York, authorized to use broadcast pickup station August 19 to 20, frequency 1542.5 with con. arrival transatlantic flyer, Mollison also, authorized to use broadcast pickup station August 20 to 31, incl., connection broadcast Womans Endurance Flight (Com. action 8/17/32)

Also, WMBH, Edwin D. Aber, Joplin, Mo., consent to voluntary assignment of license to W. M. Robertson (Comm. action 8/19/32); also license to cover C.P. 1420 kc., 100 w., night 250 w. day, specified hours (Comm. action 8/19/32); KFBI, Farmers & Bankers Life Insurance Co., Milford, Kans., authorized suspension of working of Rule 145 provided station strictly complies with Rule 144 (Com. action 8/19/32)

## Action On Examiners' Reports

Sparks-Withington Co., Jackson, Mich., <sup>granted</sup> C.P. for visual broadcast station to be operated upon the bands 1600-1700, 43000-46000, 48500-50300, 60000-80000 kc., with 100 w., also C.P. for special experimental station to be operated on the same bands and in addition 1550 kc., with 100 w., sustaining Examiner Elmer W. Pratt; Bernard Hanks, Abilene, Texas, denied application for C.P. for new broadcast station to operate upon 1340 kc., 100 w., power unlimited time sustaining Examiner Elmer W. Pratt; WCSH, Portland Maine, KOIN, Portland, Oregon, WDAY, Fargo, S. D., and WFIW, Hopkinsville, Ky., denied petition for reconsideration of refusal to grant increase of power to 5 KW, oral argument was also denied and request for amendment of regulations.

## Amateur Licenses

The Commission granted licenses for 399 amateur stations, of which 77 were new, 274 renewals and 48 modifications (action taken 8/19/32).

The Commission also granted licenses for 255 amateur stations, of which 122 were new, 122 renewals and 11 modifications (August 23, 1932).

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