

HEINL RADIO BUSINESS LETTER

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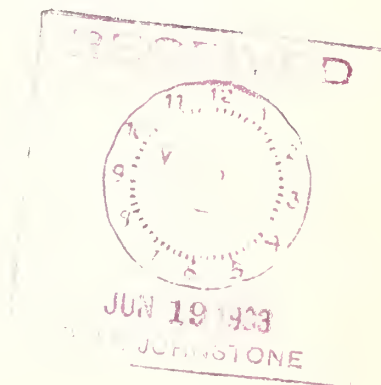
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F. P. H. JAMES



TEAMWORK AND GOOD ENGINEERING SAVES WJSV

WJSV, a brand new broadcasting station on the Mt. Vernon Highway, about half-way between Washington, D. C., and Alexandria, Va., which appeared doomed to be closed down and scrapped because of its proximity to the Naval Research Laboratory, was saved through the cooperation of the Navy Department, the Federal Radio Commission, and the Columbia Broadcasting System, owners of the station.

Unquestionably officials blundered in allowing WJSV, using 10,000 watts, more than ten times the combined power of all the broadcasting stations in the District of Columbia, to be located within a mile of the important naval transmitting station. A permit to locate it there was granted by the Radio Commission which claimed it had notified the Navy Department.

However that may be, the first the Naval Research Laboratory radio experts knew about it was when they looked across the Potomac and happened to see WJSV's new wireless towers sprouting on the horizon. They declared the station would interfere with them and it surely did.

Whereupon the death sentence was passed upon WJSV. The station represented an investment of \$100,000 but the Naval Research Laboratory represented an outlay of \$3,000,000. Furthermore, it was engaged in important secret experiments having to do with national defense.

In a last attempt to save the station, and what seemed then to some a futile effort, Harry C. Butcher, Manager of WJSV, secured permission to try out a directional antenna, one which would tend to beam the radio waves north and south instead of allowing them to spread out east and west. The Research Laboratory is located east of WJSV.

The device has worked so well in eliminating the interference between the two stations that finally the Federal Radio Commission, after consulting with the Navy Department, restored WJSV to its good graces by issuing the station a license to regularly continue its broadcasting. There was only one stipulation and that was that the Columbia Broadcasting System install at the Naval Research Laboratory, a device which would automatically record the WJSV signal strength to assure the Navy engineers that the directional antenna was working at all times as it should.

"The Radio Commission's action in issuing a regular license to Station WJSV is, of course, very gratifying", said Harry C. Butcher, Manager of WJSV. "The splendid cooperation which our own engineers and the technical staff of Columbia have received both from the Navy's Bureau of Engineering and from the Engineering Division of the Federal Radio Commission has resulted in a real contribution to the science of radio transmission.

"Thanks to this cooperation, a very difficult problem has been solved without any material impairment of WJSV's service. The definite and satisfactory settlement of this question will enable us to proceed at once with extensive plans for further increasing the usefulness of WJSV to the region which it was built to serve."

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CONGRESS ADJOURNS WITHOUT PASSING RADIO LEGISLATION

Having its hands full with emergency measures, Congress adjourned without passing any radio legislation whatsoever. Pending radio matters will now have to await consideration until the next regular session which convenes in December.

One of the final acts of Congress, before adjourning for the Summer, was the passage of the Independent Offices Bill which carried the appropriation for the Federal Radio Commission for the next fiscal year. It was this bill in which the Veterans' clause was inserted and which threatened to keep Congress in Washington indefinitely, much to the displeasure of President Roosevelt.

The appropriation for the Commission in the Independent Offices Bill is \$640,000, available July 1st. This is a decrease of \$140,000 from the \$780,000 appropriation for the running expenses of the Commission for the period ending July 1st .

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MEXICAN CONFERENCE TECHNICAL EXPERT BEING CONSIDERED

President Roosevelt now has before him for consideration the names of five technical experts to advise our delegates at the forthcoming North American Radio Conference in Mexico City, July 10th. Among the names it is understood he is considering are those of Irvin Stuart, of the State Department; and Dr. C. B. Jolliffe, Chief Engineer of the Federal Radio Commission.

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MANUFACTURERS TO COOPERATE WITH GOVERNMENT IN INDUSTRIAL ACT

Featuring the convention of the Radio Manufacturers' Association at Chicago, was consideration and definite constructive action for operations of the radio industry under President Roosevelt's industrial recovery program. A special committee to begin work toward a voluntary "code" for the radio industry under the new plan for government "industry control" was created without a dissenting vote. The Association's Board of Directors was empowered to "do anything that may be required by the industrial recovery act in cooperation with the Federal Government."

The Committee appointed to work with the Government in administering the new law consists of W. Roy McCanne, Chairman, President of the Stromberg-Carlson Company, Rochester; Paul B. Klugh, of Chicago, Vice-President of Zenith Radio Corporation; Arthur T. Murray of Springfield, Mass., President of the United American Bosch Corporation, and S. W. Muldowny of New York, Chairman of the National Union Radio Corporation.

"Dynamite and teeth are in the administration's legislation for Government control of industry", Mr. Klugh declared, presenting the plan for preparation of a voluntary "code" for the radio industry to be presented later at Washington. He emphasized that the anti-trust law suspension provision of the new act would be of incalculable benefit to the industry and prevent the "ruthless 10 percent" from further operating to injure responsible manufacturers. Mr. Klugh said the adoption of a small general sales tax appeared improbable and that while the RMA had urged repeal of the discriminatory 5 percent tax on radio, it would continue work to prevent any possible increase in this tax.

"The broad purpose of the 'industry control' bill", said Chairman Klugh, "is to increase employment. They propose to do that through limiting the hours of labor. The second main provision is, while increasing employment, to raise the standard of wages, to get away from sweatshop wages such as are paid to girls and as low as five cents an hour in some instances. I know that reputable radio manufacturers pay a good many times that as a minimum wage. The broad basis of the bill in Congress is to increase earning power.

"They propose to increase earning power through the establishing of a 'code' and irrespective of what your ideas are as to whether this bill is constitutional, you are confronted with a bill that has dynamite in it and has teeth in it. No matter how small or large you are, you are going to be under this. Manufacturers look to trade associations to adopt a voluntary code as a most feasible and, I think, the nicest way to do it. Under that plan an association must be formed along certain lines, particularly designed not to oppress or exclude the small or weak manufacturer. The association membership must be open to all. I think the Radio Manufacturers' Association can qualify in the first rank. To make doubly sure the Board of Directors has passed a resolution whereby an invitation will again be extended to everybody in the industry to come into this association and told the necessity for their having membership.

"The bill provides that the President, which means the government, reserves the right to revise or amend or change the code. If an industry cannot or does not organize voluntarily, the government can write the code for that industry and enforce it. If that fails, there is a licensing provision which will force industry to do what the bill contemplates.

"Labor is represented but the labor provisions at this time are unsettled. They also provide in the bill that aside from the minimum wage you can fix prices notwithstanding the anti-trust laws. They do not propose to have the ruthless 10 percent ruin the business of the 90 percent. The time has passed when sweatshops and gyps and the producers who indulged in destructive practices can go on and kill legitimate industry. The bill, therefore, gives any industry the right to fix price and that price, as I understand it, must be a fair, legitimate and just price.

"The bill runs for a period of two years but the framers expressed the opinion unanimously that if the law is a success, it will go on for a long time. My personal opinion is that if this law is a success, there is no one in this room who will live to see the time when we do not operate under a plan of this kind. The bill contemplates production control. It is not clear as to how they propose to do it, but it is contemplated. They do not propose to have over-production. Neither do they propose that foreign competition shall come in because of the increased cost of labor. The general tendency of the bill", continued Mr. Klugh, "is not to oppress small companies, but there is no intention that harum-scarum, poorly organized, inefficient, small companies shall survive.

Fred D. Williams of the P. R. Mallory Co. of Indianapolis, Ind., was unanimously reelected President of the Radio Manufacturers' Association. The Board of Directors also was reelected. Leslie F. Muter of the Muter Co. of Chicago was elected Treasurer; Bond Geddes was reelected Executive Vice-President-General Manager, and Secretary, and John W. VanAllen, of Buffalo, General Counsel.

A nation-wide "Radio Prosperity Campaign" next Fall, including outstanding broadcasting during a "Radio Progress Week" in October, was outlined to the membership and received wide support. With the cooperation of the two networks and other broadcast interests, jobbers and dealers, a radio promotion campaign over several months will be carried through. Earl Whitehorne, of New York, will be Director of the prosperity campaign.

The Chicago meeting was attended by nearly 90 percent of the membership.

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COMMISSIONER LAFOUNT TO INSPECT WESTERN STATIONS

Commissioner Harold A. Lafount, of the Fifth Radio Zone, which comprises the Rocky Mountain and Pacific Coast States, plans to spend the period from July 5 to August 5, visiting broadcasting, police, radio communication, in fact all classes of radio stations in thirty cities in those States.

While on his trip, Mr. Lafount will arrange several conferences with broadcasters and other radio operators, in order to discuss informally with them their problems and to receive suggestions which he may think advisable to lay before the Commission upon his return.

Because of the expense, time, trouble and inconveniences involved, radio licensees living in that section very infrequently visit the Commission, and adjustments of their troubles by mail or telegram are often unsatisfactory. For that reason Mr. Lafount feels it advisable to visit them whenever possible to discuss freely and fully their problems. Frequently he has found it possible to adjust troubles, eliminating hearings, thus saving money for the broadcasters and the Commission.

However, it has been two years since Mr. Lafount has been able to go "out into the field".

His proposed itinerary follows:

Salt Lake City, Utah	July 6-7	Los Angeles, Cal.	July 23-25
Ogden, Utah	" 8	Long Beach "	" 26
Pocatello, Idaho	" 9	Santa Monica "	" 26
Idaho Falls "	" 9	Santa Anna "	" 27
Butte, Montana	" 10	San Diego "	" 28
Great Falls, Mont.	" 10	El Centro "	" 29
Spokane, Washington	" 12	Phoenix, Arizona	" 30
Seattle "	" 13-14	Tucson "	" 31
Tacoma "	" 15	El Paso, Texas	August 1
Portland, Oregon	" 17	Albuquerque, N. Mex.	" 2
Sacramento, Cal.	" 19	Pueblo, Colorado	" 3
San Francisco "	" 20	Colorado Springs, Colo.	3
Oakland "	" 21	Denver, Colo.	" 4-5
Berkeley "	" 21		
San Jose "	" 22		

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MAJESTIC REPORTS HUGE INCREASES

An indication of improved business conditions is voiced by LeRoi J. Williams, Vice-President and General Manager of the Grigsby-Grunow Company, manufacturers of Majestic radios and refrigerators.

"Contrary to the usual season trend", said Mr. Williams, "Majestic radio shipments in May showed a 75 per cent gain over May, 1932, and the production schedule for June calls for 300 per cent above the corresponding months of 1932.

"There were", continued Mr. Williams, "more car radios shipped to Majestic distributors this May than were shipped to them in all of the year 1932, and our June schedule of car radio production is more than four times this amount.

"In spite of the moratorium, bank failures and nationwide cold weather this year", stated Mr. Williams, "refrigerator shipments for the last three months have consistently increased each month, reversing the usual seasonal trend. We anticipate a similar continuation of refrigerator demand for the coming month. The tide has evidently turned, and the thousands of Majestic employees and our great factories have been working days, nights and Sundays to meet the demand."

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SAYS RADIO MOST SUCCESSFUL WAY OF REACHING PUBLIC

The following letter of appreciation was received by Harry C. Butcher, Manager of Station WJSV, in Washington, from Mrs. John J. Johnston of the District of Columbia Chapter of the Red Cross:

"You have always promptly announced all appeals we have sent you - from jig-saw puzzles to gas-ranges - and they have all brought excellent results. We have had already fourteen baby carriages and ten gas-ranges offered us, and the telephone continues to ring, in response to the last appeal. The appeal for jig-saw puzzles, playing cards and magazines is still bringing responses. This, of course, proves to us that the most successful way of reaching the public is through the broadcasting stations. Very soon we shall wish time for a speaker to appeal for sewers during the Summer months."

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NBC NEW AND RENEWAL ACCOUNTS

NEW - Resort Association of America (Camps and Hotels), 116 Nassau St., New York City; Agency, Disner and Dorskind, Inc., New York City; Starts, June 9, 1933, Friday 7:30-7:45 P.M. EDST; WEAf only; Program - "The Vacationeers", 11 piece dance orchestra under direction of Allan small.

NEW - Kraft Phenix Cheese Corp., Chicago, Ill.; Agency - J. Walter Thompson Co., New York City; Starts, June 26, 1933; Monday, 9:30-11:30 P.M. EDST, WEAf; 9:30-10:30 P.M. EDST only WTIC, WTAG, WJAR, WEEI, WCSH; Program - Paul Whiteman and his Orchestra.

RENEWAL - R. L. Watkins Co. (Dr. Lyons Toothpowder), New York City; Agency - Blackett-Sample-Hummert, Inc., New York City; Starts July 2, 1933; Sunday 9:00-9:30 P.M. EDST; Network - WEAf WTIC WJAR WFI WFBR WRC WGY WTAM WWJ WSAI WENR KSD WOC WHO WOW WDAF KGO KFI KGW KOMO KHQ KOA KDYL; Program - "Manhattan-Merry-Go Round", popular musical program under direction of Gene Rodemich with Jean Sargent, David Percy, and Men About Town.

RENEWAL - Campena Corp. (Hand Lotion, Italian Balm), Batavia, Ill.; Agency - McCann Erickson, Inc., Chicago, Ill., Starts June 30, 1933; Friday, 10:00-10:30 P.M. EDST; Network - 6/30 - 9/22/33 WJZ WBAL WBZ WBZA WHAM KDKA WGAR WJR WCKY WENR KWK WREN KOIL; 9/29-4/27/34 WEAf WEEI WTIC WJAR WTAG WCSH WFI WLIT WFBR WRC WGY WBEN WCAE WTAM WWJ WSAI WMAQ WCFL KSD WOC WHO WOW WDAF; 6/30 - 4/27/34 WTMJ KSTP WEBC WSM WSB WAPI WSMB WKY, Dallas KPRC WOAI KTBS KOA KDYL KGO KFI KGW KOMO KHQ; Program - "First Nighter" - dramatic sketches of first nights in theatres.

NEW - Northam Warren Corp. (Cutex), New York City; Agency - J. Walter Thompson Co., New York City, starting June 23, 1933; Fridays 9:00-9:30 P.M. EDST; Network - WJZ WBZ WBZA WBAL WHAM KDKA WGAR WJR WLW WCKY KYW KFKX WENR WLS KWK KWCR KSO KOIL WREN KOA KDYL KGIR KGHL KGO KFI KGW KOMO KHQ; Program - Phil Harris and his orchestra with Leah Ray, soloist.

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NILES TRAMMELL ELWOOD JOINS THE BROADCASTERS

Mr. and Mrs. John W. Elwood announce the birth of a son early Tuesday morning at the Wickersham Hospital, New York. The boy has been named Niles Trammell Elwood.

Mr. Elwood is a Vice-President of the National Broadcasting Company. Mrs. Elwood is the former Lee Penrose. They make their home in Scarsdale, N. Y.

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RMA ACTS QUICKLY ON INDUSTRY CONTROL AMENDMENT

In final drafting of the "industry control" law, the Radio Manufacturers' Association worked quickly and effectively toward defeat of an amendment by Senator Borah, of Idaho, which would have prohibited price fixing by the government in the "codes" of industries. Senator Borah's amendment specifically prohibited price fixing.

All set manufacturers were telegraphed by Chairman Paul B. Klugh (see Mr. Klugh's discussion of the measure on pages 4-5 this issue) of the RMA Legislative Committee to wire protests to their Senators and Congressmen against the Borah amendment. Protests also were sent by Bond Geddes, RMA legislative representative at Washington, from Chicago to Senator Harrison of Mississippi, Democratic leader, and Senator McNary of Oregon, Republican leader. The Borah amendment in the conference between the Senate and House was revised to prohibit merely "monopolies or monopolistic practices." The Borah prohibition against price fixing was stricken and the new law now is continued to afford the valuable price fixing privileges to trade associations, for their respective industries.

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NOT SO FAST ON TELEVISION, AYLESWORTH SAYS

M. H. Aylesworth, President of the National Broadcasting Company, in a syndicated interview in the Hearst newspapers, with Earl Reeves, gives the impression that it may be some time before television arrives. At least, it is set forth in great detail some of the difficulties concerning its past.

Nevertheless, Mr. Aylesworth declares that an army of scientists are laboring to develop it and that great progress has been made. One of the points that he makes is that television facilities, mechanical and dramatic, must be duplicated in chief population centres. Television performances cannot be "wired" to stations in a broadcast chain. He says that the radius of efficient broadcast range in the beginning, at least, will not be much more than 20 miles.

In conclusion Mr. Aylesworth said: "A radio program can hold, one might say, your 'secondary attention' while you play bridge, or read, or converse. Television, by contrast, will demand visual, as well as auditory, attention - in other words, virtually your whole attention.

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Fifteen of WOR's programs each week are being sponsored by manufacturers of beauty aides. These are exclusive of the toothpaste companies broadcasting on that station.

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HEARINGS SCHEDULED BY RADIO COMMISSION

- Monday - June 19 - WIP, Pennsylvania Broadcasting Co., Philadelphia, Pa., special authority, 610 kc., 1 KW (Exp.) unlimited time; present assignment 610 kc., 500 watts, unlimited time.
WFI, WFI Broadcasting Co., Philadelphia, Pa., modification of license, 560 kc., 1 KW share with WLIT, present assignment: 560 kc., 500 watts, shares with WLIT
WLIT, Lit Bros. Broadcasting System, Philadelphia, Pa., modification of license, 560 kc., 1 KW, share with WFI; present assignment: 560 kc., 500 watts, shares with WFI.
- Tuesday, June 20 - WCAO, Monumental Radio Co., Baltimore, Md., modification of license, 600 kc., 500 w., unlimited time; present assignment, 600 kc., 250 watts, unlimited time.
WICC, Bridgeport Broadcasting Station, Bridgeport, Conn., modification of license, 600 kc., 500 w., specified hours; Present assignment 600 kc., 250 w. 500 w. LS, specified hours
- Wednesday, June 21 WINS, American Radio News Corp., New York City, modification of license, 1180 kc., 1 KW, limited time; present assignment - 1180 kc., 500 watts, limited time;
WHDH, Mathewon Radio Co., Inc., Boston, Mass., modification of license, 830 kc., 1 KW, unlimited time; present assignment: 830 kc., 1 KW, limited time.
- Thursday, June 22 WBCM, James E. Davidson, Bay City, Mich., special authority (Exp.) 1410 kc., 1 KW, unlimited time; present assignment: 1410 kc. 500 w. unlimited time
Raymond M. Brannon, Fremont, Neb., C.P. for 1500 kc., 100 w. Daytime (facilities of KFOR).
KFOR, Cornbelt Broadcasting Corp., Lincoln, Neb. renewal of license, 1210 kc., 100 watts, 250 w. LS unlimited time.
- Friday, June 23 - WJJD, WJJD, Inc., Mooseheart, Ill., renewal of license, 1130 kc., 20 KW, limited time.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted (June 16, 1933)

WJSV, Old Dominion Broadcasting Corp., Alexandria, Va., regular license, with certain requirements and restrictions, to operate on 1460 kc., 10 KW, unlimited time; WICC, Bridgeport Broadcasting Station, Inc., Bridgeport, Conn., license covering move of transmitter from Easton to Bridgeport, Conn; 600 kc., 250 watts night, 500 watts day.

Also, Victor George Martin, Portable and Mobile, Rochester, N. Y., C.P. for general exp. service, frequencies 23100, 26000, 27100, 34600, 41000, 60000-400000 kc., 25 watts; Board of Levee Commissioners of New Orleans Levee Dist., New Orleans, C.P. aviation, airport service, frequency 278 kc., 15 watts; KGTH, Aeronautical Radio, Inc., Airport, Salt Lake City, C.P. to change location of transmitter from Salt Lake City Airport to Municipal Airport, and delete frequencies 5510 and 5540 kc.; WEEEX, American Radio News Corp., Tinley Park, Ill., modification of C.P. to extend commencement date to July 1, 1933, and completion date to Feb. 1, 1934; KGZQ, City of Waco, Texas, license for police service, 1712 kc., 50 watts; WLOXAR, Western Electric Co., Inc., Portable, special experimental license, 278 kc., 15 watts; WLXAC, John P. Moses, portable and mobile in Mass., general experimental license 60000-400000 kc., 3 watts; WLXAG, Providence Police Dept., portable in and around Providence, R.I., general experimental license, 6000-400000 kc., 100 watts; W6XR, Santa Cruz Oil Co., San Francisco, Cal., general experimental license 41000 kc., 20 watts; Euclid Ave. Airport, Inc., NC-12531 aviation license, 3105 kc., 5 watts.

Also, Commonwealth of Mass., Dept. of Public Safety; WPFL, W. Bridgewater, Mass., and WMP, Framingham, Mass., modification of police license to increase power to 500 watts night and 1100 watts day; Tropical Radio Telg. Co.; WAX, Hialeah, Fla., modification of public coastal telg. license to substitute working frequency 149 in place of present frequency of 145 kc.; WNU, New Orleans, La., and WAX, Hialeah, Fla., modification of public coastal telg. license to substitute frequency 161 kc. for 149 kc (also Marine Relay Service); Transpacific Communications Co., Ltd., Dixon, Cal.: KWY KWV KWX KWU KWN KWO, modification of license to add Tokyo, Japan, Sydney, Australia and Bandoeng, Java, to points of communication; WLXQ, American Tel. and Tel. Co., Bradley, Maine, renewal of special experimental license, frequencies 50 to 75 kc., except 54, 56, 58, 64, 66, 75 kc., 25 KW; KHEVE, Frank Hawks, NR-12265, aviation, aircraft license, frequencies 333, 375, 500, 3105, 4140*, 4145, 4150, 5515, 5520), 5525, 6200, 6210*, 6220, 8280* 8290, 8300 kc., *Calling frequencies, 3082.5 kc., unlimited, 5405 kc., day only; 5375, 5692.5, 8220 kc. for communication with Orange chain, 100 watts.

Amateur Licenses - the Commission also granted 450 amateur station licenses of which 357 were new, 11 renewals and 82 modifica.

Set For Hearing

Sun Oil Co., Sun Station, near Nederland, Tex., C.P. for fixed private point-to-point telg. service, 3270 kc., 100 watts; WMT, Waterloo Broadcasting Co., Waterloo, Iowa, modification of license to increase daytime power from 500 watts to 1 KW; Radiomarine Corp. of America: WBL, Buffalo, N. Y., modification of license, fixed public point-to-point telg. service; to change hours of operation to 8 A.M. to 6 P.M. local time daily, plus such additional hours as traffic conditions necessitate, during season of Great Lakes Navigation; WBL - Same, except Marine Relay Service; WGO, Chicago, modification of license Marine Relay and public point-to-point telg. same as above and also requests change of serial No. of transmitter; WBL, Buffalo, N. Y., modification of license (fixed public pt. to pt. telg.) to change hours of operation, etc. (same as above)

Oral Argument Granted

Oral Arguments will be held before the whole Commission at 10 A.M., June 28, 1933, on the following: Shortwave Television Lab, Inc., Shortwave Broadcasting Corp., and Shortwave Television Corp., Boston, - time allowed for argument 2 hours; Herman Radner, Lansing, Mich., and Capital City B.c Co., Lansing, Mich., time allowed for argument, 30 minutes.

Action On Examiners' Reports

WKRC, WKRC, Inc., Cincinnati, Ohio, granted in part, the renewal of license so as to authorize the continued operation of Station WKRC at Cincinnati, on 550 kc., with 500 watts power unlimited time, and special exp. authority to operate with additional 500 watts output on condition that such additional power is used in such manner that the field intensities of WKRC radiated in the direction of St. Louis and Buffalo, are of no greater value than the intensities radiated in those directions by the station when employing 500 watts power and its present antenna. Examiner E. A. Yost sustained; WLAP, American Broadcasting Corp. of Kentucky, Louisville, Ky., denied C.P. to operate on 940 kc., 1 KW, unlimited time (facilities of WFIW), sustaining Examiner Ellis A. Yost; WFIW, WFIW, Inc., Hopkinsville, Ky., renewal of license to operate on 940 kc., 1 KW, unlimited time, and authority to move station to Louisville, Ky., sustaining Examiner Yost.

Also, William Avera Wynne, Greenville, N. C., C.P. to construct new station at Greenville, to operate on 1420 kc., 100 watts, day-time hours, sustaining Examiner Ellis A. Yost; KMBC, Midland Broadcasting Co., Kansas City, Mo., C.P. to move transmitter from Independence, Mo. to Kansas City, Kans., sustaining Examiner R. H. Hyde;

Ratifications

WIEX, National Broadcasting Co., Inc., Washington, D. C., authorized to operate broadcast pickup station on frequencies 1566 and 2390 kc. June 13 to 18, in connection with arrival of World Flier Mattern; W2CL, Radiomarine Corp. of America, Washington, D. C. authorized to operate station aboard vessel "Trujillo" for period of 60 days, frequencies 375 to 500 kc., 50 watts; KUVK, Same, granted 10 day authority to operate additional 50 watt transmitter aboard vessel "Steel Mariner" pending receipt of formal application; KTRH, KTRH Broadcasting Co., Houston, Texas, granted special authority to increase power from 500 watts to 1 KW, until Oct. 1, 1933 (Action taken June 13); WJKS, Johnson-Kennedy Radio Corp., Gary, Ind., granted C.P. to install new equipment only (Action taken June 15)

Miscellaneous

WQBC, Delta Broadcasting Co., Inc., Vicksburg, Miss., granted full time operation upon a special authority for experimental purposes, in keeping with previous action, since station WGES has withdrawn protest;

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