# 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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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. 564

# GOVERNMENT FREQUENCY TEST STATIONS ESTABLISHED NEAR CAPITAL

Indirectly every radio receiving set owner in the country may be benefited by the operation of the "standard frequency" radio stations which the Bureau of Standards has established for testing purposes near Beltsville, and Meadows, Md. Signals radiated by these stations may be used by the 600-odd broadcasting stations all over the country in checking and maintaining their assigned wave frequencies, and keeping in their proper channel, which in turn provides more adequate reception to owners of more than 20,000,000 receivers. Not only will the public be the beneficiary of continuous scientific adjustment of radio frequency bands, but also manufacturers of radio sending apparatus, as well as testing laboratories and governmental departments.

While the testing of frequency bands is not a new activity with the Bureau of Standards, such work having been carried on for a number of years in temporary buildings, installation of a new transmitting set in one of the three buildings housing the station on the United States Experimental Farm near Beltsville, Md., will materially enhance its scope.

In order to overcome the difficulties of mutual interference caused by the radio apparatus and by experimental apparatus in some of the Bureau laboratories in Washington, the Bureau was given funds in 1931 to establish two permanent field stations. Necessary construction has been completed, and now equipment is about to be installed.

The "standard frequency" in the words of E. C. Crittenden. Chief of the Bureau's Electricity Division, under whose direction the work is carried out, is nothing more than "a frequency of known cycles per second". The "standard frequency" that has been generated at the Bureau in Washington for the last several years is numbered at 5,000,000 cycles per second. This signal is at present sent across the country at a certain hour every Tuesday morning and afternoon.

All interested persons upon receiving the signal are able to adjust their stations in order to keep within the frequency bands assigned them by the Federal Radio Commission. Mr. Crittenden pointed out that the United States was the first Government to provide a service of this kind, and that it was the hope of the Bureau scientists, funds permitting, to improve the service to such an extent that it would be continuous, thus providing, from a broadcast angle, an instantaneous correction upon any program in the country.

That this work is of great practical value is attested from many directions. Perhaps the beneficiary most directly concerned is the radio listener. The question "how much is it worth to have clear reception?" is solved largely because of the work

of the Bureau's scientists in sending out standard frequencies. Radio broadcasting stations immediately keep their sending apparatus in tune with the standard measurement, thus avoiding "bumping" into each other on the air, which causes whistling and grating noises in the receiving sets and drowning out of programs.

For the broadcasting stations themselves much money is saved because of the avoidance of endless disputes, legal diffulties and delays which would arise should one station constantly interfere with another. Where time means money, as it does in the "mike" room, such savings are almost incalculable. The same applies to manufacturers of precision instruments, such as crystal control transmitters used in radio broadcasting, where adequate knowledge beforehand of the proper functioning of an instrument may save thousands of dollars. Upon completion work the manufacturer may have his instrument thoroughly tested by Bureau scientists at their "standard-frequency" station in order that they may operate close to the "standard".

Benefit does not end with the public, and private industry, but applies as well to Government departments. At the present time the Signal Corps of the United States Army has several dozen instruments "on the receiving end" of the Bureau's standard frequency testing station, in order to insure proper functioning of the instruments in the field. The world's largest monitoring station, located at Grand Island, Nebr., operated by the Federal Radio Commission, depends on the standards established by the Bureau upon which to perform its air regulatory functions. At this station signals from all over the world are taken from the air and measured with scientific precision.

The Bureau's transmitting stations are located near Beltsville, Md., and the transmitting set is located in one of the three buildings on the same site. While the "standard" frequency is made at the Bureau in Washington, it may be transmitted across the country either by sending it to the field stations by telephone wire, or by having a portable operating standard set up at the field station itself. The other two buildings will contain several transmitting sets for dissemination of special high-frequence signals to be received at the second field station.

The receiving station is near Meadows, Md., southeast of Washington. Three buildings will house receiving equipment for use in picking up the special transmissions from Beltsville. The studies carried on at these buildings, besides the frequency work, will deal with more or less pure radio-scientific work, such as transmission and reception characteristics of radio waves, like fading, change of direction, and height of Kennally-Heaviside layer, which plays an important part in radio transmission, especially over long distances.

## PERSHING LOOKING FOR SPONSOR

"Gen. John J. Pershing, like Barkis, is willing to be sponsored by a commercial radio program", according to the National Whirligig, which is edited by Richard H. Waldo, of the McClure Newspaper Syndicate, New York.

"The remuneration would come in handy to the General. Prospective sponsors have turned a deaf ear to date."

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#### REPUBLICANS IN HOT WATER OVER RADIO APPROPRIATION

Senator Henry J. Allen, Republican National Committee Chairman still finds himself the center of a controversy with the newspapers defending the cash appropriation for radio broadcasts. A resolution condemning the Committee's attitude towards newspapers was adopted by the Nebraska Press Association.

"I do hope the Republican press of this country, which as you know couldn't be taken care of by advertising within the limits of \$2,000,000, isn't going to turn venal because two or three hundred thousand dollars are spent on radio", Senator Allen replied to P. F. Keays of the Nebraska Association. "Such an action on the part of the Republican press would destroy the very fine distinction which now exists between the newspapers of this country and the broadcasting corporations."

In answer to this Mr. Keays pointed out that a \$500,000 appropriation "would allow an average expenditure of \$30 with each weekly paper and \$100 with each daily paper in the country."

# To which the Editor and Publisher adds:

"The broadcasting industry will receive, if able to collect, probably not less than \$500,000 this year for doing a job that newspapers have always considered a fundamental public duty, and scheming politicians who have wriggled under editorial censure, glory in a public communications medium which has little public responsibility and no more opinion than a slot machine. They have manifested their friendship for the newcomer in a legislative framework that permits the private capitalization of the public right to the air waves, with regulation designed to keep things as they are, regardless of public welfare, convenience or necessity."

According to William A. Thomson, of the American Newspaper Publishers' Association, both parties, he said, had apparently reached an agreement to limit radio expenditures to \$250,000 each, to be paid when as and if campaign funds permit. The total advertising budget of the Democratic party is \$500,000, he said, of which \$100,000 is scheduled to be used for space in independent and

Democratic newspapers. The Republican advertising budget is \$450,000, with a so far indeterminate amount for newspaper space. Both parties, he said, regarded the newspaper advertising as patronage, and it was difficult to dispel from the minds of the party managers the idea that purchase of advertising space insured friendly news and editorial treatment.

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#### NBC NEW AND RENEWAL ACCOUNTS

RENEWAL - American Kitchen Products.Co., New York City; Agency - Batten, Barton, Durstine & Osborn, Inc.; Starting September 7, 1932, Wednesday, 10:15-10:30 A.M., Basic Red Network; Program - The Steero Program with Jane Grant, the cube cook, and Kuznetzoff & Nocolina. Gypsy singers with balalaika and guitar accompaniment and cube cookery talk.

RENEWAL - American Tobacco Co., New York City;
Product - Lucky Strike Cigarettes; Agency - Lord & Thomas;
Starting September 10, 1932, Saturday, 10 to 11 P.M.; Basic
Red network and supplementaries; Program - Guest orchestras with
Walter O'Keefe as master of ceremonies.

NEW - Firestone Tire & Rubber Co., Akron, Ohio (tires); Agency - Sweeney & James; Starting December 5, 1932, Monday, 8:30 to 9:00 P.M.; Basic red network and supplementaries; Program - "The Voice of Firestone".

NEW - J. A. Folger & Co., Kansas City, Mo. (Folger's coffee); Agency - Blackett-Sample-Hummert, Inc.; Starting September 26, 1932, Monday to Friday inclusive 3:00 to 3:15 P.M.; Basic red network west of Chicago, NW and SW groups; Program - not announced.

NEW - General Foods Corp., New York City (Maxwell House Coffee); Agency - Benton & Bowles; Starting October 6, 1932, Thursday, 9 to 10 P.M.; Basic Red network and supplementaries; Program - "Maxwell House Show Boat".

NEW - Grand Union Company, New York City (Chain stores); Agency - Hampton, Weeks and Marston; Starting September 19, 1932, Monday, Wednesday, Friday, 9:30 to 9:45 A.M.; WGY, Schenectady; Program - "Grand Union Grocery Boy".

NEW - Ralston Purina Co., St. Louis, Mo. (cereals);
Agency - Batten, Barton, Durstine & Osborn, Inc.; Starting October
4, 1932; Tuesday, Thursday, Saturday, Basic red as far as
Chicago, 5:45 to 6 P.M., west of Chicago, 6:45-7:00 P.M.; Basic
Red Network; Program - "Sekatary Hawkins".

NEW - Reid Murdoch & Co., Chicago (Monarch Brand Food Products); Agency - Rogers & Smith; Starting October 2, 1932, Sunday, 2 to 2:15 P.M.; Basic Blue network and NW; Program - not announced.

NEW - Stephano Brothers, Philadelphia, Pa. (Rameses Cigarettes); Agency - Aitken Kynett Co.; Starting September 27, 1932, Tuesday, 7:15-7:30 P.M.; WJZ, New York; Program - Rameses Program.

NEW - U. S. Industrial Alcohol Co., New York City ("Pyro" Alcohol for automobiles); Agency - J. Walter Thompson; Starting October 23, 1932, Sunday, 9:45-10:00 P.M., Basic Red Network; Program - not announced.

RENEWAL - G. Washington Coffee Refining Co., Morristown, N. J. (Coffee); Agency - Cecil Warwick & Cecil; Starting October 5, 1932, Wednesday, 9:00-9:30 P.M. and 12:15-12:45 midnight; Basic Blue Network and supplementaries; Program - "Adventures of Sherlock Holmes".

NEW - Delaware, Lackawanna & Western Coal Co. (Blue Coal), New York City; Agency - Ruthrauff & Ryan, Inc., New York City; Starts Oct. 5 for 30 weeks, Wednesdays, 8:00-8:30 A.M.; Network - WEAF, WCSH, WJAR, WTAG, WTIC, WEEI, WGY, WBEN, WFBR, WLIT, WRC; Program - "The Shadow; Mystery Drama", and 11 piece orchestra.

NEW - Swift & Co. (Formay Shortening), Chicago, Ill.; Agency - J. Walter Thompson Co., Chicago, Ill.; Starts - Oct. 6 for 30 weeks; Thursday, Friday, 10:30-10:45 A.M., EDST; Network WTAG, WEEI, WJAR, (WTIC Thursday only), WCSH; Program - "Musical Mixing Bowl" - musical with Irving Kaufman and brief talk by Lucy Allen.

NEW - Ocean Steamship Co. of Savannah, New York City; Agency - Aitken, Kynett Co., Philadelphia, Pa.; Starts - October 4 for 52 weeks, Tuesday, 6:30-6:45 P.M., EDST; Network - New York, Boston, Springfield; Program - "Savannah Liners" - Robert Armbrusten nine piece orchestra.

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WICC, BRIDGEPORT, JOINS COLUMBIA

Station WICC, Bridgeport, Conn., is the latest link to be added to the 90-station network of the Columbia Broadcasting System. The Bridgeport outlet, operating on a wave length of 600 kilocycles, or 499.7 meters, was established in 1926. The station is licensed for 500 watts.

### RADIO TRADE SHOW GIVES REVIVAL SIGNS

Indications that the radio industry is due to make a fairly rapid recovery from the slump that set in nearly two years ago were observed at the radio trade show held last week in New York City.

The management reported that "large orders" for merchandise had been given and that the general public, which was admitted, showed unusual interest in the models on display. About 2,000 dealers and distributors, representing nearly every State in the country, were registered at the exhibition.

One of the new exhibits installed comprised a photographic development process invented by Dr. Miller Reese Hutchison, former Chief Engineer for Thomas A. Edison, which practically eliminates the effect of "grain" in photography, it is said. Dr. Hutchison said his invention will have a marked effect on existing processes of film development, and make possible great improvements in the recording and reproduction of sound by electrical means. He showed photographic enlargements three feet high and two feet wide made from original prints a half-inch wide and three-quarters of an inch high. The enlarged pictures exhibited none of the usual spotty or grainy effects.

Dr. Hutchison said his process would permit enlargements as great as 300 diameters. This means that a sharp picture the size of a postage stamp could be enlarged to cover an area twenty to twenty-five feet square. He is negotiating with large film and radio interests, he said, for the application of the invention.

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#### CBS RENEWED ACCOUNT

RENEWAL - Tide Water Oil Sales Corp., New York City;
Agency - Lennen & Mitchell; Product - Tydol, Veedol; Program "Three X Sisters", Musical, Time - Monday, Wednesday, Friday, 7:307:45 P.M., Starting October 5, 10 basic stations, 5 supplementary.

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#### TO SPONSOR FOOTBALL GAMES

Contracts to broadcast Pacific Coast football games over the NBC gold network, the Don Lee-C.B.S. stations and KORE and KOR, two independent stations, have been signed by the Associated Oil Co. The broadcasts started Sept. 17 and will continue through the annual San Francisco Shrine benefit game on New Year's Day. There are 200 stations involved.

#### PINCHOT TO SPEAK ON WCAU DEDICATION PROGRAM

Governor Gifford Pinchot, of Pennsylvania, and Col. Thad Brown, Federal Radio Commissioner, will be the principal guest speakers who will appear with an all-star array of radio talent during the WCAU dedication program to be broadcast over a coast-to-coast network of the Columbia Broadcasting System from 9:00 to 9:30 P.M., EST, Sunday, October 2nd.

The program will be the first to be broadcast over the new 50,000 watt transmitter of Station WCAU, Philadelphia link of the Columbia network.

The CBS stars who will contribute to the celebration include Kate Smith, "Songbird of the South"; Irish minstrel Morton Downey; the Four Mills Brothers, vocal-instrumentalists and purveyors or original harmonizing; and Colonel Stoopnagle and Budd. The musical background for the offerings of these individual stars will be provided by Freddie Rich and his Columbians - a 35 piece symphoniz-jazz orchestra.

In addition to the addresses by Governor Pinchot and Colonel Brown, there will be brief talks by William S. Paley, President of the Columbia Broadcasting System, and Dr. Leon Levy, head of Station WCAU.

The program will open in the WABC studios in New York City, although various portions of it will be picked up from other network links. Kate Smith will be heard from Baltimore, Morton Downey from Washington and the Mills Brothers from Boston, where they are filling vaudeville engagements. Colonel Brown's talk will also come from Washington, and Governor Pinchot's from either Philadelphia or Harrisburg.

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#### FREDERICK BATE TO BE NBC REPRESENTATIVE IN EUROPE

Frederick Bate, formerly connected with the Reparations Commission, has been named European representative of the National Broadcasting Company. Bate sailed last week and immediately will establish headquarters in London.

Bate has been selected as permanent representative of the company in London to further interest an international broadcasting, John W. Elwood, NBC Vice-President, said. He will promote the mutual exchange of radio programs across the Atlantic, assisting foreign countries in obtaining and selecting American program features for rebroadcast over their respective radio systems, and likewise selecting and arranging European features for American listeners.

A native of Chicago, Bate has resided in Europe since 1912, when he went abroad to study. Dr. Max Jordan will continue as Central European representative of the NBC with headquarters at Berne, Switzerland.

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### APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

Sept. 22 - WCAU, Universal Broadcasting Co., Philadelphia, Pa., license to cover C.P. issued Nov. 17, 1931, change location and install 50 kw equipment, increase power to 50 kw; also license to cover C.P. issued Jan. 8, 1932, for local change of auxiliary transmitter; WALR, WALR Broadcasting Corp., Zanesville, Ohio, license to cover C.P. issued May 17, 1932, changes in equipment and local change of transmitter; KMAC, W. W. McAllister, San Antonio, Texas, voluntary assignment of license to Walmac Co. Inc. ; KXYZ, Harris County Broadcast Co., Houston, Tex., license to cover C.P. issued Sept. 9, 1932, to consolidate KTLC and KXYZ, changes in equipment, change frequency and power from 1420 kc., 100 w. to 1440 kc., 250 w.; J. E. Richards, Pine Bluff, Ark., C.P. for new station to use 1340 kc., 250 w. daytime; KLCN, Charles Leo Lintzenich, Blytheville, Ark., C.P. to make changes in equipment, change frequency, power and hours from 1290 kc., 50 w., daytime to 1500 kc., 100 w., unlimited hours; WIAS, Iowa Broadcasting Co., Ottumwa, Iowa, modification of license amended to request facilities of KSO, Clarinda, Ia.; KFGQ, Boone Biblical College, Boone, Ia., modification of license amended to request facilities of KSO Clarinda, Ia.; KWCR, Cedar Rapids Broadcasting Co., Cedar Rapids, Ia., C.P. amended to request facilities of KSO, Clarinda, Ia.

# Applications Other Than Broadcasting

Sept. 23 - WHD, The New York Times Co., New York, N. Y., license covering C.P. for 6450, 8360, 11355, 16720, 22250 kc., 500 w., mobile press service; KGPP, Bureau of Police, Portland, Oreg., modification of license for increase in power to 500 w., municipal police station; W4XD, Durham Life Insurance Co., portable and mobile license covering C.P. for 60000-400000 kc., 15 w., general experimental station; W5XA, Rev. Lannie W. Stewart, Shreveport, La., renewal of general experimental license for all general experimental frequencies, 100 w. There were also received 269 applications for amateur station licenses.

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## DECISIONS OF THE FEDERAL RADIO COMMISSION

# Applications Granted (Sept. 23, 1932)

WIAS, Iowa Broadcasting Co., Ottumwa, Ia., modification of license to increase hours of operation from specified to unlimited (facilities of KSO in terms of quota units); KFGQ, Boone Biblical College, Boone, Ia., modification of license to change specified hours of operation; KWCR, Cedar Rapids Broadcast Co., Cedar Rapids, Ia., C.P. to make changes in equipment and increase daytime power from 100 w. to 250 w.; KOMA, National Radio Manufacturing Co., Oklahoma City, Okla., C.P. to move transmitter locally from east of Oklahoma City to n.e. of city on United States Highway 66, and install new equipment; KGFI, Eagle Broadcasting

Co., Inc., Corpus Christi, Tex., license covering changes in equipment, 1500 kc., 100 w. night, 250 w. local sunset, unlimited time; KVL, KVL, Inc., Seattle, Wash., license covering changes in equipment, 1370 kc., 100 w., shares with KFBL; KGHL, Northwestern Auto Supply Co., Billings, Mont., C.P. authorizing move of studio locally, installing new equipment and increasing daytime power, 950 kc., 1 kw night, 2½ kw local sunset, unlimited.

Also, <u>KFQD</u>, Anchorage Radio Club, Inc., Anchorage, Alaska, license covering changes in equipment and increase in power, 1230 kc. 250 w., 6 p.m. to midnight, L.S.T.; <u>WSYB</u>, Philip Weiss Music Co., Rutland, Vt., modification of C.P. extending completion date from Sept. 28 to Nov. 28, 1932; also, modification of license to reduce specified hours of operation; <u>KASA</u>, E. M. Woody, Elk City, Okla., modification of C.P. to change type of equipment and move transmitter and studio locally; <u>WJMS</u>, Johnson Music Store, Ironwood, Mich., modification of license to change hours of operation from daytime only to unlimited; <u>WSUI</u>, State University of Iowa, Iowa City, Iowa, special authorization to operation from 10 P.M. to 12 P.M.CST. Sept. 24, 1932.

Also, Western Air Express, Inc.: KHCJQ, KHCQX, KHLQJ, KHLPK, Burbank, Calif., authority to use equipment now licensed as an aircraft station for broadcast pickup purposes on Sunday, Sept. 25, in connection with aviation week in California; KMPC, R. S. MacMillan, Beverly Hills, Calif., approved agreement with Station WOR, which in effect granted an additional hour between 8 and 9 P.M., PST (11 and 12 EST) on night of Sept. 26 to Oct. 1, inclusive; KGTO, Aeronautical Radio, Inc., portable, authority to operate portable aeronautical station as a broadcast pickup station Sunday Sept. 25th; WPI, Inland Waterways Corporation, Memphis, Tenn., modification of marine relay license to change frequencies to 3120, 4780, calling and working: 438, 3120, 4780 kc., calling and transmission of operating signals, 1 transmitter 100 w. power, two at 250 w. each; W1XQ, American Telephone & Telegraph Co., Dept. of Development and Research, Bradley, Me., renewal of special experimental license 50 to 75 kc., except 54, 56, 58, 64, 66 and 75 kc., 25 kw power.

Also, W8XAP, Producers Steamship Co., on vessel "Louis W. Hill", renewal of special experimental license, 484 kc., 1 w.power; Aircraft Radio Corp.: W10XI, NC-9746, renewal of general experimental license, frequencies, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 60000-400000 kc., 10 w.; W3XW, Boonton, N. J., renewal of general experimental license, frequencies, 3492.5, 6425 kc., 50 w.; Prof. Neil H. Williams: W8VX, and W8XU, portables, Dept. of Physics, University of Michigan, Ann Arbor, Mich., renewal of general experimental licenses, frequencies, 34600, 41000, 51400, 60000-400000 kc., 15 and 5 w. respectively; W1CXAE, Edwin C. Ewing, Jr., NC-10164, renewal of general experimental license, frequencies 60000-400000 kc. 10 w.; W6XAD, Vickerson Radio Laboratories, San Francisco, renewal of general experimental license, frequencies, 2398, 3492.5, 4797.5, 8655 kc., 1 kw.

# Set For Hearing

WCAC, Connecticut Agricultural College, Storrs, Conn., requests C.P. to change equipment and increase day power from 250 to 500 w.; The Greenville News Piedmont Co., Greenville, S. C., requests C.P. 590 kc., 250 w., night, 500 w. local sunset, unlimited time, experimental (This application was formerly set for hearing and amended to give exact location of transmitter and request for authority to install directional type antenna).

# Ratification of Acts of Commissioners

Action taken Sept. 12: WIXAV, Shortwave & Television Laboratories, Inc., Boston, Mass.; WIXAL, Shortwave Broadcasting Corp. Boston, Mass., WiXG, Shortwave and Television Corp., portable, granted authority to take depositions of certain witnesses in Boston on Sept. 20 re applications set for hearing on Oct. 3.

Action taken Sept. 13: KTFI, Mackay Radio & Telegraph Co. San Francisco, granted 60-day authority to operate station on board steamer "Carrillo" as first and third class public service; KGNO. Dodge City Broadcasting Co., Inc., Dodge City, Kans., authority to take depositions in re its application for modification of license set for hearing Dec. 15; KNX, Western Broadcast Co., Hollywood, Cal., granted authority to take depositions in re applications of The Farmers & Bankers Life Insurance Co. of Milford, Kans., hearing on which is set for Oct. 10.

Action taken Sept. 16:- <u>KIEQ</u>, <u>KIEP</u>, Radiomarine Corp. of America, New York City, <u>granted 30-day</u> authority to operate transmitter aboard lifeboats 1 and 2 of vessel "Lurline" with 20 w., 500 and 5520 kc.; <u>KGRL</u>, Thompson & Holgerson, Los Angeles, <u>granted</u> temporary authority to operate radio station KGRL abaord vessel "Northwestern" for 60 days, frequencies 8240 to 16680, 250 w; <u>WTMJ</u>, The Journal Co., Milwaukee, Wis., authority to take depositions in reapplication of KTAR Broadcasting Co., Phoenix, granted, hearing set for Oct. 17th

Action taken Sept. 17: <u>KXA</u>, American Radio Telephone Co., Seattle, Wash., authorized to broadcast community fund dinners Sept. 19 and Oct. 4, consistent with approval of National Broadcasting Co.; <u>WIBWY</u>, Isaiah Creaser, trustee, Springfield Radio Association, Springfield, Mass., authorized to locate amateur station WIBWY at Eastern States Exposition, West Springfield, Mass., from Sept. 18 to 24; <u>WIEK</u>, <u>WIEL</u>, Atlantic Broadcasting Corp., New York, authorized to use special broadcast pickup stations WIEK and WIEL, 1542 and 2478 kc., 50 w., power Sept. 18 to Oct. 1 in connection with broadcast of horse races at Aqueduct Race Track, Aqueduct, L. I.

Action taken Sept. 20:- KRLD, KRLD Radio Corp., Dallas, Texas, authorized to operate on 1040 kc., unlimited daytime hours from Sept. 28 to conclusion of world series baseball games; KTHS, Hot Springs Chamber of Commerce, Hot Springs, Ark., authorized to operate on 970 kc., during daytime only 10 kw., from Sept. 28 to conclusion of world series; WCCO, Northwestern Broadcasting, Inc., Minneapolis, Minn., authorized extension of program test period of

30 days; WOCH, Radiomarine Corp. of America, New York, granted authority to operate for 60 days, pending receipt of formal application to operate additional transmitter aboard vessel "Carabobo", 50 w., frequencies 8300 to 17100 kc.;

Action taken Sept. 21: WJBI, Monmouth Broadcasting Co., Red Bank, N. J., authorized extension of temporary license to Nov. 13, 1932; WWL, Loyola University, New Orleans, authorized extension of equipment test period for 10 days; KFWB, Warner Bros. Broadcasting Corp., Hollywood, Calif., authorized to ust Station KIFD, Sept. 24 in connection with Gov. Roosevelt's speech between Shatworth and Burbank, Calif; KGML, Northwestern Auto Supply Co., Inc., Billings, Mont., authorized to extend program tests for period of 15 days pending action on application.

## Action On Examiners' Reports

Gustav A. Jenkins, Antonito, Colo., denied C.P. for new station to operate on 1200 kc., 100 w. to share with KGEK and KGEW reversing Chief Examiner Ellis A. Yost; KGEK, Beehler Electrical Equipment Co., Yuma, Colo., granted renewal of license as of Sept. 23 to operate on 1200 kc., 100 w., share with KGEW at specified hours; KGEW, City of Fort Morgan, Fort Morgan, Colo., granted renewal of license as of Sept. 23, to operate on 1200 kc., 100 w., share with KGEK, using specified hours; Cannon Systems, Inc., Glendale, Cal., granted C.P. to operate on 850 kc., 100 w. daytime, reversing Chief Examiner Ellis A. Yost; KGIX, J. M. Heaton, Las Vegas, Nev. granted renewal of license to operate on 1420 kc., with 100 w., durir the following hours (specified) sustaining Examiner Yost.

# Miscellaneous

WHP, WHP, Inc., Harrisburg, Pa., denied request to waive rule relating to announcement of mechanical reproductions during one program when numbers would be played from transcription and by artists in person; KTAT, SAT Broadcast Co., Fort Worth, Tex., reconsidered grant of renewal of application effective Oct. 1, and granted temporary license to KTAT Broadcast Co., Inc., pending filing of renewal application by KTAT, in keeping with amendment to charter changing name of applicant from SAT to KTAT, Broadcasting Co.; WIBW, Topeka Broadcasting Association, Inc., Topeka, Kans., set for hearing application for renewal of license to operate on 580 kc. with 1000 w. because of protests of WSAZ, Huntington, W. Va., and WOBU, Charleston, W. Va., which share time on 580 kc.

# Applications Dismissed And Denied

The following applications heretofore set for hearing were denied because applicants failed to enter their appearance within time allowed:

A. F. Crissalli, Long Island City, C.P. 1500 kc., 100 w., share with WMIL, WWRL, WMBQ; John E. McGoff, R. M. Sutcliff and Julius Schaffer, Newport, R. I., C.P. 1280 kc., 250 w., 8 hours per day; Dismissed at request of applicants: KLRA, Arkansas Broadcasting Co., Little Rock, Ark., and WCGU, United States Broadcasting Corp., Brooklyn, N. Y.

The Commission also granted 596 amateur station licenses of

which 237 were new, 276 renewals and 83 modifications.