

# FIRMS BATTLE TO GET WAVES

## Brisk Competition With Wire Systems Puts Pep Into Radio Game

WASHINGTON, Oct. 9.—(AP)—With the political campaigns and the new allocation of stations holding the radio spotlight, the fight of commercial enterprises for the valuable short waves has attracted relatively slight public interest.

Radio men and government observers, however, declare that the scramble for these assignments and the threatened battle between the radio companies and the wire concerns for the communication business in the United States is of major public commercial import.

Having heard arguments of rival applicants for point to point radio service in the United States, the radio commission plans to get the recommendations of the Federal Radio Commission on the subject of the assignment of these channels. With the supply of wavelengths insufficient to meet all of the requests, the commission says priority of claims must be determined on the basis of greatest public service.

### Wave Length Shortage

Because of the shortage of wave-lengths, the commission heretofore has been reluctant to assign radio channels for communication purposes where wire facilities are available. Some time ago the Radio Manufacturers association recommended to the commission that radio be used where wire communication is impracticable or impossible.

Three rival companies now seek permission to establish networks of radio telegraph stations handling public messages in competition with the wire systems of the country. Representatives of the Radio Corporation of America, one of the applicants, maintain that the service they propose would be clearly in the interest of the public. They claim that the Radio Corporation's competition in the trans-oceanic field resulted in the first reduction in cable rates 28 years.

### Other Applicants

The other applicants are the Mackay Radio and Telegraph company and the Universal Wire less Communications company, a new corporation formed at Buffalo. The Mackay company claims that it is better equipped to serve the public because of its connection with an established land wire system, the Postal Telegraph company. The Universal Wireless company bases its plea for priority on the fact that it was first to propose the establishment of a national radio network to compete with the wire lines.

# RADIO FANS TO SEE TELEVISION WORK

CHICAGO, Oct. 9.—(AP)—Fans of Chicago are eager for a glimpse at television, will be given the opportunity at the seventh annual radio show here October 8 to 14.

The show, like the Radio World's fair just concluded in New York, is sponsored by the Radio Manufacturers association and it provides for the display of the latest in receivers, speakers and radio necessities.

The television layout will be similar to that shown to the public for the first time in New York. It will include transmitters and reproducers which will be connected by wire rather than radio. A part of the display will be a picture of the transmitter built for WMAQ.

Dr. R. E. Harris, head of the department of physics at Lake Forest college, has been named technical consultant of the show. He will be in charge of the television display and exhibits from the country's foremost scientific laboratories.

A broadcast studio is being fitted up, and radio stars will present their programs in view of the show visitors. Included in the local stations to broadcast these features will be KLW, WGN, WLS, WENR and WMAQ. Artists to appear will include Amos and Andy, Uncle Bob, Mike and Herman and the Salerni brothers. Jack Nelson, pioneer Chicago announcer and director, will be in charge of the programs.

# Clock Runs Light On Florida Coast

JACKSONVILLE, Fla., Oct. 9.—(AP)—A semi-automatic radio beacon, the first of its type to be installed in the United States, has been placed in operation at St. John's River Lighthouse, Florida. The apparatus consists of standard 200-watt radio beacon transmitters designed by engineers of the lighthouse bureau, power being furnished by two automatic engine-generator units.

**We Welcome You**

In Portland, 200 comfortable rooms, each with bath. Reasonable rates. Convenient downtown location. New restaurant.

**SAM E. ADKISSON**

**The HOTEL CONGRESS**  
PORTLAND, OREGON

# Zero Hour At a Big Radio Studio



While thousands of radio fans prepare to tune in, it is one minute to nine o'clock in the great room in the National Broadcasting Company building and the Philco hour feature is about to go on the air. Thousands of radio fans have written asking for a bird's-eye view "Behind the scenes with the mike." Harold Sanford, left, stands with bat on upraised, ready to call for the opening number. Next in order among the stars are Henry M. Neely, "Old Stager"; Colla O'More, tenor and leading man; Jessica Dragonette, soprano star of the hour; Charles Robinson, bass baritone; Emily Woolson, soprano; Mary Hopple, contralto; Kitty O'Neil, mezzo soprano; Muriel Wilson, soprano; Walter Preston, baritone; Dan Gridley, tenor.

# Winter Promises Thrills For American Radio Fans

WASHINGTON, Oct. 9.—(AP)—America's host of radio fans will be treated to a winter season of thrills and excitement as the new allocation of stations, the engineers declare. With 74 of the 90 channels made available for high grade reception, the farm and small town listener, as well as the city enthusiast, is assured a variety of programs free from whistles caused by station interference.

Wide Distribution

With wide geographical distribution of high power broadcasting stations operating on cleared channels, the set-up provides for first class reception in all sections of the country. Forty-one station channels are distributed equally among the five zones.

The listener on a ranch in Montana, in a small town in Missouri, Alabama or Connecticut, will be served primarily by eight high power stations located in his zone and sending programs on exclusive wavelengths. Additional service will be afforded by regional and local stations dividing time or placed geographically at distances designed to reduce interference.

While all classes of listeners will benefit by the new allocation, the farmers will gain the most, said Dr. J. H. Dellinger, chief engineer of the commission. "They will not only be able to receive more stations reliably without interference but practically all points on the dial will be free from the pest of the heterodyne whistles. The city listeners will gain through heterodyne free reception of their local stations and also reception of distant stations free from interference."

One factor in the new allocation is expected to be a temporary source of trouble and annoyance to both station operators and listeners. It is the change in frequencies, or wavelengths, of stations. To some fans, however, the making of new logs and the search for familiar, distant stations on new frequencies will add zest to a favorite pastime.

# Air Station Talk

K. L. Williams, distance fan of WBBM, Chicago, sends word that he has added another station to his list, which includes many in the United States. It is WBBM, Chicago.

KGO, San Francisco, has in its files a letter signed by ten Indian fans, who listen to its programs through the medium of a receiver owned by a white man who lives near their tribe.

"Ham" at "George," two negro janitors of a New York apartment house, are telling their troubles to the world over WABC, New York, each Tuesday evening. Besides a comedy skit, their half hour period consists of music.

WBBM, Chicago, has added John Stamford, veteran Chicago announcer, to its staff. He formerly was with KYW and WMBB.

Two chain broadcasts, which will include stations on the Pacific coast in addition to those closed to the key station WBAF, New York, will be offered radio listeners on Saturday evening and Sunday afternoon. The Saturday night feature will have 39 stations, while that on Sunday will number nearly as many.

A rainstorm by radio came to a tourist while crossing the Mojave desert. He was listening to KOA, Denver, which was broadcasting an outdoor concert when a sudden rain came up. The listener in the desert said that the reproduction "over his portable receiver" was so realistic that he had to reassure himself by looking at the sun.

Revivals of several famous operas and selections from the standard repertoire of the Chicago Civic Opera company are to be broadcast during the 1928-29 season. One act of the opening performance the evening of October 31 will be put on air by the NBC system, and each Wednesday evening thereafter until January 23, an hour will be devoted to the opera.

WOC, Davenport, has prepared a questionnaire asking the opinion of its listeners on the wavelength assignment for the station under the changes going into effect November 11.

# Radio's Realistic Close Up



**ALL-AMERICAN Mohawk Corporation LYRIC RADIO**

**COME IN AND ENJOY A DEMONSTRATION!**

**Imperial Furniture Co., Inc.**

467 Court Telephone 1142

# 24 STATIONS ARE FAVORED

## Exclusive Wave Lengths are Allocated to Radio Broadcasters

WASHINGTON, Oct. 9.—(AP)—Designed to give theoretically perfect reception, especially in the rural sections, high power radio stations will start operating on 40 cleared channels November 11 under the new broadcasting allocation.

Only one station at a time will be allowed to operate on each of these channels in the evening. If the stations keep on their assigned wavelengths, their channels will be virtually free from heterodynes, radio engineers declare.

Twenty-four stations get exclusive channels for night time operation. In the east these seven stations have been allotted full time operation on cleared channels: WEAF, New York; WJZ, New York; WOR, Newark; KDKA, Pittsburgh; WABC, New York; WHAM, Rochester, and WCAU, Philadelphia. Eastern stations dividing time on cleared channels are WBAL, Baltimore with WTIC, Hartford; WPG, Atlantic City, with WLWL, Newark; WBZ, Springfield, with WBZA, Boston.

# Air Station Talk

Three stations in the south will be allowed to operate full time on the cleared channels. They are WRVA, Richmond; WSB, Atlanta, and WSM, Nashville. Southern stations dividing time on the cleared channels will be WBAP, Fort Worth, with KTHS, Hot Springs, Ark.; WHAS, Louisville, with WVA, Wheeling; WBTV, Charlotte, with WPTF, Raleigh; WAPI, Auburn, Ala., with WJAX, Jacksonville; WFAA, Dallas, with KRLD, Dallas; WRR, Dallas, with WQAI, San Antonio; WWL, New Orleans, with KWKH, Shreveport.

In the central states exclusive channels were assigned to KYW, Chicago; WGN, Chicago; WMAQ, Chicago; WCCO, Detroit; WWJ, Detroit; WCCO, Minneapolis and KMOX, St. Louis.

Central Stations

Central stations given clear channels on a time sharing basis are WLW, with WSAW, both of Cincinnati; WLS and WENR, both of Chicago; WTAM with WEAR, both of Cleveland; KFAB, Lincoln, Neb., with WBBM, Chicago; WOWO, Ft. Wayne, Ind., with KTVF, Muscatine, Ia.; WCDB, Zionsville, Ind., with WMB, Chicago. The radio commission announced it will grant Iowa's plea for one of the above cleared channels, with WHO, Des Moines and WOC, Davenport dividing time on it.

Western Stations operating on channels cleared for them at night will be KOA, Denver; KFI, Los Angeles; KGO, Oakland; KJR, Seattle; KPO, San Francisco; KNX, Hollywood and KSL, Salt Lake City. Some of these stations will share central channels during the day time in other parts of the country. Western stations dividing time on a cleared channel are KOB, State College, N. M. with KEX, Portland.

Ships In Siam's Waters Get Radio

SINGAPORE, Oct. 9.—(AP)—Ships in Siamese territorial waters have been granted permission by the government to communicate by radio with the land stations of the Post and Telegraph department.

Ship owners or agents desirous of making use of the radio service are required to inform the Post and Telegraph department of the names of ships in question and declare themselves responsible for the payment of non-delivered telegrams.

The Porto Rico relief committee adopted a resolution thanking WOR, Newark, for its cooperation in appealing to its listeners for funds to help hurricane sufferers.

# Student Keeps Explorers In Touch With The World

WISCASSETT, Me., Oct. 9.—(AP)—Much of the loneliness and isolation that once was the part of arctic explorers has disappeared in these days of radio.

The Rawson-MacMillan Field expedition to northern Labrador and Baffin Land, home after 14 months in the arctic, used short wave radio and regular broadcast receivers to banish the old-time isolation.

Clifford E. Hymoe of Glendale, Calif., a student at the Massachusetts Institute of Technology on leave of absence, handled the transmitting key and receivers of the expedition during the long stay at the north.

Hymoe, operating on a wavelength of 20 meters, kept in contact with amateur radio operators. A radio interview with Lt. Commander Donald B. MacMillan, ice-locked in Bowdoin Harbor, Labrador, last February, was carried out through the cooperation of Hymoe and Station I-XV of the Massachusetts Institute of Technology at South Dartmouth, Mass.

Hymoe was heard from many times thereafter, performing his share of vigil during the search for Bert Hassel and Parker Cramer, Rockford, Ill., to Sweden fliers.

Eskimos and Indians delighted in broadcast programs of dozens of stations in the United States when they were guests at the expedition headquarters.

Radio sets supplied by MacMillan expeditions in preceding years have helped brighten life for Moravian missionaries and even the governor of Greenland.

The sets installed in the homes of missionaries at Nain and Hopeville enabled them to listen nightly to broadcasts from their homes in Germany and England, as well as to American programs, Commander MacMillan says.

# SALES STIMULATED IN RADIO CIRCLES

With the approach of the season of best radio reception, radio sales are being stimulated throughout the west, according to Willis Clark, local manager of the Western Auto Supply company.

Clark reports that in the territory west of the Rocky mountains that is served by the more than 150 Western Auto stores, sales have greatly increased during the past few weeks and it has only been recently that the output could keep up with the demand for the new and popular A. C. sets.

"The Western Air Patrol radio receiving set, Model 100, A. C., is exceedingly popular with western radio owners," says Mr. Clark. "This set is generally considered to be the latest work in radio engineering. Three models of this set are now being shown: the table type, console, and highboy. All are six tube sets.

"These sets are equipped with dynamic speakers which have established a new standard of tone reproduction. The dynamic speaker that is used with the Western Air Patrol faithfully brings out the details and the most delicate shadings of instrumental or voice without any mechanical smothering effect.

"We believe that the Western Air Patrol offers an exceptional value—a value that is typical of those found at Western Auto Supply company. In addition to the value of the radio receiving set, the customer receives local service, regardless of where he lives and our 'west-wide' reputation for fair and honest dealing, backed by our 'Customer is always right' policy, assures every buyer of a Western Air Patrol of complete and lasting satisfaction."

Bordeaux Tests Sets

BORDEAUX, France, Oct. 9.—(AP)—A municipal radio competition was staged by Bordeaux officials. On a large open square hundreds of thousands of entrants lined up their instruments, some on park benches, others on taxicabs or private automobiles. An aerial was put at the disposal of competitors, and each in turn was given a couple of minutes in which to demonstrate what his receiver could do.

A special program has been arranged for Saturday night, Oct. 6, when WSM, Nashville, observes its third anniversary. The program is to start at 7:30 o'clock, Eastern Standard time.

# CHICAGO STATIONS ARE CONSOLIDATED

CHICAGO, Oct. 9.—(AP)—Disturbances and new unions have disturbed the tranquility of the radio broadcasting in Chicago.

WJJD, the Loyal Order of Moose station, no longer shares time and programs with WEBH, the Edgewater Beach hotel. The former now is sharing time with WCFL, owned and operated by the Illinois Federation of Labor.

Although WEBH has consolidated with KYW, owned by the Westinghouse Electric company, it is believed the hotel will discontinue the station. WEBH and WJJD formerly drew their programs from the Chicago Herald and Examiner. The paper now operates KYW. The broadcasting of the hotel's music, the chief reason for maintaining the station, now is on the Herald and Examiner programs broadcast over KYW.

An attempt has been made by a State street hotel manager to interest retailers of the loop district in a program to be broadcast by WJJD and WCFL to be known as the "Voice of State Street."

# HAMILTON

offers the new 1929

## ATWATER KENT RADIO

MODEL 40

Electric now

### \$81 COMPLETE

ready to operate

Model 40 uses 1 rectifying and 6 A. C. tubes—less tubes—\$77

THIS is the lowest price at which an Atwater Kent electric set has ever been sold! Yet this new Model 40 is an even better radio. It has greater range—more power—wonderful selectivity—beautiful tone.

Everything else you want in fine radio is here too. Fraction-of-a-cent-an-hour batteryless operation; compactness, beauty and proved dependability.

There's a big demand for this new set, for at this low price it is an exceptional value. Get yours here today—or let us demonstrate it at your home—free. Drop in or telephone today.

Terms If Desired

# C-S Hamilton

FURNITURE CO.

340 Court St.

# Call - See - Hear!

New Radio Discovery!

COME in. Let us tune in the new Philco for you. A new thrill in radio performance awaits you! Neurodome-Plus—Philco's radio discovery—gives tone, selectivity and distance which is new to radio. Call and hear. Also, see the handsome models and—table cabinets in color.

Highboy

An exquisite furniture model—Louis XVI period style. You'll be surprised at the moderate price. And—the same instrument in table cabinets at popular prices!

In Color! Vivid color! Radio cabinets to match the decorations in your home! Your choice of five colors.

## Free Home Trial

Yes, we'll deliver the Philco for you to try in your own home free! No charge—no obligation. Use it. Let your family and friends hear it. Then decide. If not delighted, we will take the Philco back.

Easy Payments Trade-In Offer

If satisfied—only a small down payment. Balance in easy monthly payments you'll never even miss!

A liberal trade-in allowance for your old set. Come in and see what it is worth in trade.

# PHILCO Electric RADIO

Come in tomorrow. See and hear the Philco. Get our offer. No obligation.

# N. L. Stiff Furniture Co.

Easy Terms No Interest

COMPLETE HOUSE FURNISHERS

# ALL ELECTRIC Majestic RADIO

Model 22

ANYTHING YOU WANT Majestic gets them all PERFECTLY \$175.50 Complete

SEE IT! HEAR IT! Then you'll know

Model 71

It's MARVELOUS The Clarity of Tone The Beauty The Unfailing Accuracy of the Wonder Set Complete \$213

# 7 TUBES

## Vibbert & Todd

191 S. High Phone 2112 And the Market Phone 512