

Short Wave Tests Made in Radio

Supposedly-Worthless Ether Band Below 150 Meters May Prove Useful.

Hartford, Conn., April 28.—Will there be a scramble of all radio interests to "get in" on the once supposedly worthless ether band below 150 meters wave length?

The onward march of radio transmission has undergone so many changes within a period of mere months that even the most expert hesitate to express an opinion for fear of being called upon to retract. This has been true of most all predictions about the value of short waves.

In recent weeks there has been a great deal of comment on the possibility of long distance communication below 150 meters and it is only natural that the amateur should again demonstrate that he is the pioneer when it comes to this particular phase of radio development.

During the recent CQ, short wave, test party under American Radio Relay league auspices 601, an amateur station operated by Archie Wade of 465 North Lake street, Los Angeles, transmitting on a wave length of 120 meters, was heard in every state in the union. This station holds the record for short wave transmission, the power being only five watts.

Other long distance records on short waves have been reported by amateurs who participated in the A. R. R. L. short wave tests. It would appear from this information that much better results can be obtained on 150 meters than is ordinarily the case on 200 meters, the band commonly used by amateurs.

As the more powerful commercial stations operate on wave lengths between 1,000 and 25,000 meters, the short wave tests are just another indication that the most successful radio transmission will be at the two extremes, also that the region below 150 meters is well worth further investigation.

Farmers Install Sets for Sending

Advent of Undamped Wave Set Enables Transmission from Rural Districts.

Kansas City, Mo., April 28.—Radio transmitting sets have been installed recently on a number of farms in western Missouri.

This is contrary to the belief that the farmer's only interest in radio is the ability to receive market reports. Traditions here are that the farmer has developed a hankering for long distance transmission.

Formerly a spark transmitter of the usual type was impractical unless a commercial electrical supply was at hand. The advent of the undamped wave set, using improved vacuum tubes to produce the high frequency energy necessary, has placed the farmer on a basis with the city dweller.

One station near Tarkio, which is operated by R. O. Wolf, a member of the American Radio Relay league, uses one amplifier tube and a home-made spark coil in the now famous "spark coil C. W." circuit. His signals are heard regularly in Kansas City and Omaha in daylight.

Another farmer, near Warrenburg, has succeeded in covering 700 air miles between that place and El Paso, Tex., using a spark coil and the 32-volt battery of his farm lighting plant operates his set on a schedule with other stations in Sedalia and Kansas City.

This would indicate that even with the older type of transmitter, one no longer need think of the farm as "no place for a sending set."

Omaha Distributing Point for Radio Supply Firms

Due to her central location, Omaha has become a great distributing point for the manufacturer who wants to reach and cover this territory with his product.

One of the concerns which located here five years ago and which has helped to make Omaha the "gateway for the east and west," is the McGraw company, located at 1208-10-12 Harney street. They also have houses in Sioux City, Ia., and St. Louis, Mo. They are distributors for the following lines: Westinghouse Electrical & Mfg. Co., Simplex Wire & Cable company, Hurley Machine company, Westinghouse Lamp company, Harvey Hubbell company, incorporated, Pass & Seymour and the Radio Corporation of America.

They will show a number of their electrical household appliances and a complete line of their radio sets and equipment at the Better Homes show at the Auditorium April 29 to May 5.

Amateurs Break Records

Hartford, Conn., April 28.—Radio amateurs of North America during March handled the greatest amount of traffic in any single month on record, a total of 169,000 messages, it was announced today by F. H. Schnell, traffic manager of the American Radio Relay league. This is a gain of 38,508 messages over the preceding month.

New Sales Manager for Power Company



Kenneth Goewey.

J. E. Davidson, general manager of the Nebraska Power company, announced last night that Kenneth Goewey, assistant sales manager of the company, will succeed Walter S. Byrne, sales manager, who leaves on May 1.

Mr. Byrne resigned to become assistant treasurer of the Thomas Kilpatrick company.

Mr. Goewey attended the University of Vermont. He joined the Nebraska Power company in 1917, coming from the Milwaukee Electric Railway and Light company. He has had 16 years' experience in the electrical industry.

While with the General Electric company he worked under the personal direction of William Stanley, inventor of the transformer.

Barrel of Letters Reply to Brandeis Radio Program

More than a barrel of letters was received by J. L. Brandeis & Sons following the broadcasting of music by the Arnold Johnson orchestra from radio station WOAW on April 29. The letters are from persons who "listened in" on the concert, which was played in the Brandeis restaurant and carried by special wire to the broadcasting station.

The letters came from points as far distant as St. Paul, Minn.; New Mexico, New Jersey, Ontario, Can.; Saskatchewan, Can., and Colorado.

Included in the reports are letters from Reynold Benson of Randall, Wis.; Wallace Craighead, Halliburton, Ont.; J. R. Tapster, North Bend, Neb.; H. K. Harrison, St. Paul, Minn.; Palmer Gibson, Farmington, N. M.; Henry Goodrich, Newark, N. J.; Alvin Goldahl, Craig, Neb.; Charles W. Sims, Wichita, Kan.; Ellwyn Patrick, Storm Lake, Ia.; Mr. and Mrs. Isaac, Stoughton, Sask.; Hiram Montgomery, Skidmore, Mo.; Paul Anderson, Florence, Neb.; Lee Shaffer, Elk City, Kan.; A. E. Crowther, Regina, Sask.; F. R. Graham, Hamilton, Ont.; R. A. Simmons, Annapolis, Col., and E. D. Finkle, Bellevue, Ont.

Spaniards Used Mahogany from Earliest Days in U. S.

From the day of the earliest settlements in America the Spaniards used mahogany. They utilized it for building ships as early as 1521 and until 1540, when the first allusion to that kind of wood is made by Cortez in connection with further voyages of discovery after the conquest of Mexico.

Globe Changes Light.

When a different lighting scheme is desired by the hostess for her party, it is not necessary for her to change the expensive shades of her floor and other lamps. A new colored glass cover is purchasable at home furnishings stores and is obtainable in any hue or tint preferred. It covers the bulb or bulbs of the lamp.

Buzzards Raid Windmill.

La Conner, Wash.—A pair of turkey buzzards each day alight on the counterweight of the windmill on the F. R. Stark ranch near here. The birds remain an hour or so, then disappear toward the hills. Stark says he is not superstitious. Ten years ago this section was visited in spring by a flood which left death and destruction in its wake.

ADVERTISEMENT. FRECKLE-FACE

Sun and Wind Bring Out Ugly Spots. How to Remove Easily.

Here's a chance, Miss Freckle-face, to try a remedy for freckles with the guarantee of a reliable concern that it will not cost you a penny unless it removes the freckles; while if it does give you a clear complexion the expense is trifling.

Simply get an ounce of Othine—double strength—from any druggist and a few applications should show you how easy it is to rid yourself of the homely freckles and get a beautiful complexion. Rarely is more than one ounce needed for the worst case.

Be sure to ask the druggist for the double strength Othine as this strength is sold under guarantee of money back if it fails to remove freckles.

WE DID IT!! for Harry Ferer

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Phone Atlantic 2-1111
OMAHA, NEBRASKA
April 18, 1923.

Advertising Manager,
The Omaha Bee,
Omaha, Neb.
Dear Sir:—
You will be interested in learning a little of the results we have been receiving from our advertisement in your newspaper. We have had thousands of telegrams write in for our books. My weekly sales have increased 50% since we began to advertise in your paper. We have had many orders for our books and we are holding up any number of requests for a new supply from the printer.
The value of setting these little booklets out in the road will never bring in. The spirit in which we give them their value to the advertiser is the real value of the advertiser. Some of the way to the advertiser is in the road.
I have received three orders for your typewriter. The typewriter being fairly handy to use in a kitchen. I have had to my satisfaction.
You can believe me when I say that I am very satisfied with the wonderful way in which you have handled the sale of your typewriter. I know that any advertisement of the kind you would be making some kind of an ordinary type, and believe me in these days of real "speed" common sense advertising is the only way.

Very truly yours,
Harry Ferer

We Can Do the Same for You

If you are wishing you knew "How to Advertise" your business, phone AT lantic 1000 and ask for James A. Austin, Manager of Advertising Service Department. He will make a survey of your business and advise the best way, give copy suggestions and a number of fundamental merchandising suggestions on "making" your business grow.

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With .00025 mfd. Micon Condenser Combined \$1.00
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.0005	35	.005	75
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At your dealer's—otherwise send purchase price and you will be supplied without further charge. A diagram of the Flewelling Super Circuit sent free if your dealer can't supply you.

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