

RADIO NEWS

VOL 1 NO. 4

ATLANTIC CITY N J
-W-A-A-C-

November, 6th., 'E

Copy.

RADIO NEWS

VOL 1. NO. 4

ATLANTIC CITY, N. J..

Nov, 6- 1915

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145 St Charles Pl.,
Atlantic City- NJ..

All MATTERS of general
interest printed free
subject to censorship.

FOREIGN TRANSLATIONS
By J. Haas.

From Electricitäts Zeitung-
March 1915-

The famous German Physicist,
Von Helmholtz, states that the
reason certain musical intervals
are not agreeable to the train-
ed ear is because the differ-
ence between the frequencies
of the constituent fundamental
tones or the harmonics present
in them give rise to beats app-
roximately of 30 or 40 per sec
J. H.

"CS"

A little bird tells it that
"CS" will in the near future
erect his station on the top
of the Champion Apartments.

"3SQ"

Soon the cannon of Dunbatk
will be silenced by the crash
of the new 1 K. W. station to
be erected by "3Sq" at his
home on Congress Avenue. The
set was tried out at "3IF"
and it proved to be a wonder.
Lend an ear for it in the near
future and get a treat.

"FS"

Some one ask Samaha if he
ever heard the "UFK".

Licensed Stations
of
Atlantic City

3CI -Cook, Howell E.
Seaside House, 200 watt
3SQ -Doughty, Roland D.
43 S. Congress Ave. 1 KW.
3II -Gleisner, Francis,
124 Folsom Ave. 50 watt.
3If -Godfrey, Earle,
145 St Charles Place, 1/4 KW
3RQ -Haas, Jerome,
2011 Atlantic Ave., 451 watt.
3AKA-Moore, James P.
123 South Mass. Ave. 56 watt.
3IO -Sherve, Aaron, F.
34 S. New York Ave., 20 watt.
3IT -Stritzel, Alfred H.
12 S. North Carlina Ave..

LETTER FROM "WCY"

E. Godfrey,
145 St Charles Place,
Atlantic City, N. J..

Dear Sir;

Well remember having heard your
call quite some time ago and am
surprised to learn that it was
from Atlantic City instead of
Phila as I thought at first. Your
Signals seemed to me to be just
as strong as any from our ships
within twenty miles and the tone
of your rotary was similar to
theirs. Since our mast broke down
I have not heard you, whether be-
cause our receiving range was
reduced or because you have shorten-
your wave length.
With best etc-

Yours Very Truly,
E. Hennera(y)

The above was in answer to a
letter sent to the Mgr, of "WCY"
by "3IF" following "QRT"s from
WCY" on three occassions.

The following letter is a copy
of that sent to the Radio Inspect-
or Mr Cadmus, at Baltimore, Md..

This is entered because of
possible interest that may be
entertained by those who operate
beyond the City limits.

Nov. 3rd., 1915.

Dear Mr. Cadmus;

I am making this more or less of a personal letter following "QRT"s from "WCY" on three occasions, 10/30-31 & 11/1, '15..

According to Cape May station, my wave is very long and that I give him interference, and for that reason he calls me every time I touch the key. No doubt he must hear me, but it seems very strange that I should really interfere seriously with him. He is distant 45 miles; I am using only a 1/4 W. W. transformer and sending on one spiral aerial.

It should follow then, if I cause such interference at a distance of 45 miles, off-shore steamers would be put completely out of commission. Yet, but on one occasion, have I been called by a boat for interference, and that was with a different station.

From several local stations my signal has been observed, and with out any prejudice, it was reported as being short and selective, a change of a few wires cutting out the signals. This is about a 5 to 1 in favor of the short and selective wave. It would appear also that at a short distance over-tones and eddy-waves would create a drag and make a broad wave here in the City, but as it does not, experience has never shown me where it would be heard at ten times the distance.

Inasmuch as "WCY" calls me when I send, I have no doubt but that he hears me. But at the very best, my signals at such a distance/and with the small set which I have, I am unable to see where it is possible to create such a disturbance and in view of the fact that the boats within ten miles do not complain.

Here is a personal instance:-

I was copying "WCY" press when one of the English cruisers right off the City broke in; it was only a matter of a few seconds to tune out the Cruiser and again copy "WCY".

In my case it was tune out a loud station to copy a weak one, while in the case of "WCY" it is a case of tuning out a very weak signal to copy stronger ones, which signals he surely must get reasonably good as I hear them at my station very well.

From all appearances, the "WCY" station is literally falling to pieces; If it is the fault of the apparatus, or incompetant operators, I fail to see why I should have to put my station on the shelf. It would seem to me to be up to the Marconi company to come up to a standard, or at least keep abreast of the times, which I personally do not think they always do if they can avoid it.

I do not think the operator makes any effort to tune out interference, granting the company furnishes him with the proper apparatus, but he merely finds it easier to tell the other station to "cut".

I trust I make it clear that I desire to keep within

-II-

the regulations of the government radio laws, but do not admit I am willing to bargain any of my prescribed rights because "WCY" has not been furnished with the proper apparatus, or because the operator is incompetent.

Of course the trouble may be at this end, but the evidence is not favorable to such a conclusion. As a result of the present situation I am operating under reduced power, but still retain the one spiral aerial, which locally gives the proper wave.

I thought I would inform you as to the status of present conditions in case of any complications arising therefrom. However, if you can give me any information along these lines I will greatly appreciate it.

I have made application for transfer of licence.

Very truly Yours

Carl Godfrey 3/7

145 St Charles Place.

EG/p

P. S.

Since writing this letter, I am in receipt of a letter from the mgr. of the "WCY" station, a copy of which I am attaching hereto. From it, it appears that he knows nothing about the matter, so it must be a little sore-headedness on the part of one of the operators or a very successful "impractical" joke. I might have faith in the latter were it not for the boats talking to him immediately thereafter.

I am giving this and the above only in the case of future developments and would advise no further steps at present.

(EG/p)

Enc-1

"FS"

"FS" has a one wire aerial now. It starts at his house, but the writer being cramped for time was unable to keep up the hunt for the far end, having at that time walked a possible 3 ml..

-HINT-

If you want to get a beautiful tone on your rotary, smear some soap on the studs. this will last about ten minutes.

This is not a joke but a fact that has been successfully tried out in several Philadelphia stations.

TEST STATION

The Station of the Albertson & Young Company, has again been stepped up to a higher plane of efficiency by the erection of a 40 foot mast over their store. The aerial is composed of two wires and runs for a distance of 275 feet.

Very good results are now being obtained and to all ambitious amateurs this should be an example to follow.

AN EDITORIAL

Perhaps it is needless to suggest to the many experimentors that Atlantic City is well provided with electrical supply houses and agents for nearly all branches of radio apparatus.

What are we to deduct from this then ?

Nothing more than to maintain the present and complete supply and agencies, it is necessary for those in the field to patronize the home stores and agencies. If you cant get here in the City what you desire, why is it? Any fool should know.

If every time you need an article or an instrument, you send off to New York or Philadelphia, you are taking just that much out of the hands of your home dealer, and making it just that much harder, and approaching the goal impossibility for your home merchant or agent to keep up his line of goods.

If you buy at home then your patronage will be looked after and an effort to supply and please will be made. But if the home interests are never looked forward to in making purchases soon all these now available home resources will be shelved.

Get domesticated then the now foreign products will come to you, and your domestic agencies will prosper, not only for a personal gain, but to your convenience.

WAVE LENGTHS & RADIATIONS

Appears upon the next page. It is very interesting and should not be over looked.

Little Bird #2 says Cramer is experimenting on a heavy idea. Just the nature of the affair is not known. Perhaps it is an other Krupp model and maybe nicht.

"3Rq"

"3RQ" is now able to put a heavy jar in the ether. He has equipped his station with a so-called one-half K. W. set. Being a German we think he is making preparations to do transatlantic work.

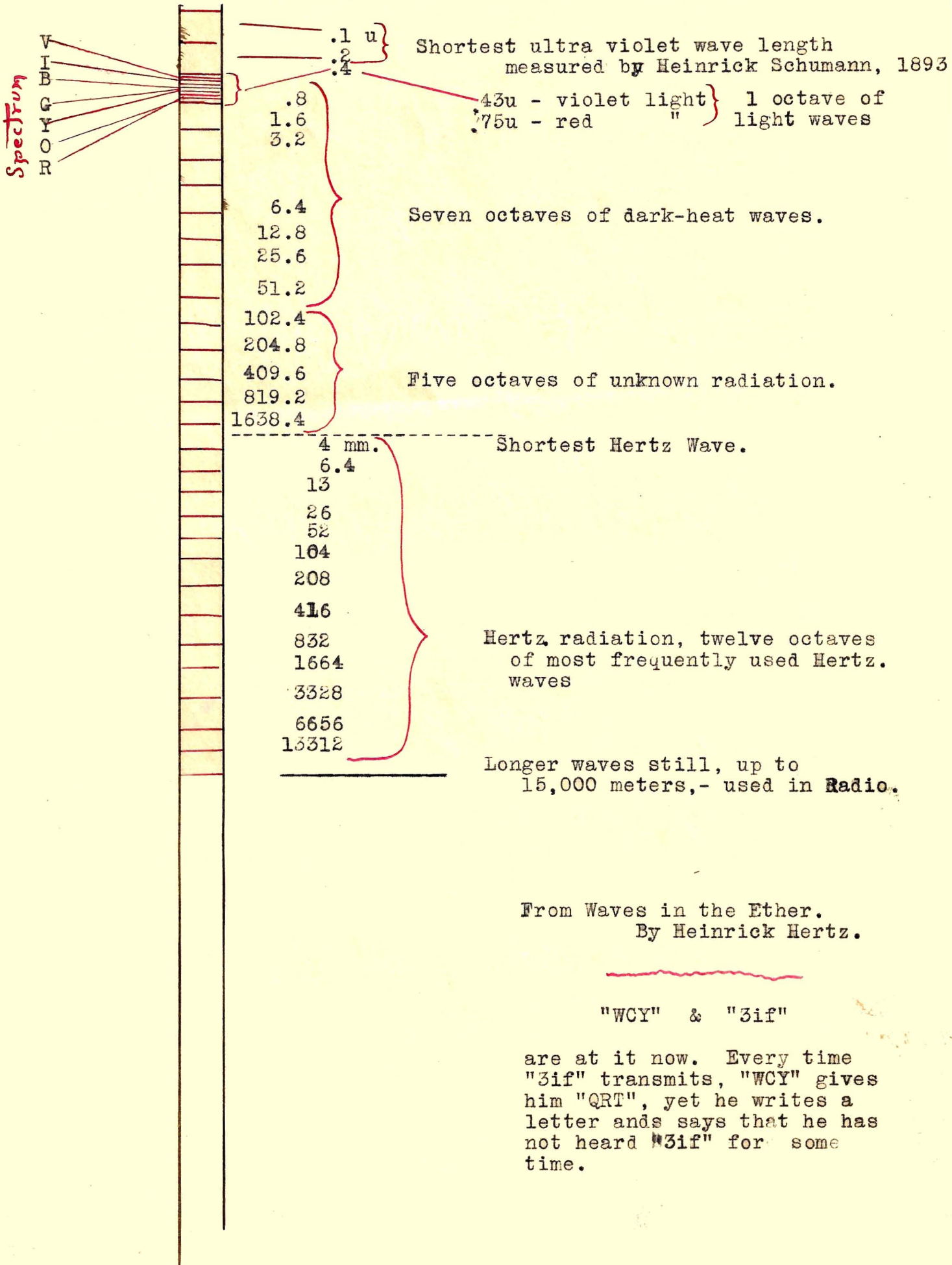
On November, first, he was heard by "3SQ" talking to a station which gave a test under the name of "Der Grosse Telefunke". The wave length is about 200 meters.

We present herewith some peoples perfectly instinctive ideas of ethereal waves, to wit;



-WAVE LENGTHS AND RADIATION-
J Haas.

u is $\frac{1}{1000}$ millimeter.



From Waves in the Ether.
By Heinrick Hertz.

"WCY" & "3if"

are at it now. Every time "3if" transmits, "WCY" gives him "QRT", yet he writes a letter and says that he has not heard "3if" for some time.

PS EDITION

"3IF" meeting

The wireless Association will be entertained at "3IF" on November the 19th..

-CLUB PRESS-

Press is now being sent by "3IF" to club members. Less than five words a minute at the present time are being sent. The speed of the last paragraph received a proper warning in the is increased.

The time chosen for press is 7.30 in the evening. Owing to complications, however between "WCY" and "3IF", press has been omitted the last several evenings, but it is hoped to continue the press about Wednesday of next week.

A 60 cycle spark will be used instead of the rotary. If press helps you to learn to receive, then be a regular customer and O. K. it every time you can take the time off to copy it. This is the only way to insure the press for the future.

MULTI AUDI FONE

If you want to increase your signals come in and hear the Multi Audi Fone.

It is not necessary to advertise it; it speaks for itself. OPEN EVENINGS

DEMONSTRATIONS

"3IF"
St Charles Place

"FS"

"FS" swears someone is designing on his life. The other evening he came near being electricuted. His aerial gave off a wierd hissing sound, and when the aforesaid gentleman took hold of the offending wire, he received a proper warning in the form of a shock. Atmospheric disturbance very likely. His aerial is galvanized iron.

RADIO EXCHANGE

A place to bring your instruments you have for sale or that you wish to exchange. Instruments held with out extra cost until a sale or withdrawal. This is a new idea and offers you a chance to make the best of things you no longer have use for, yet the other fellow may be looking for that very same thing.

PRICES & RATES

- for one instrument only.
- 1. Exchange- \$.10 each party.
- 2. 10% on all sales brought about thru the EXCHANGE.

Bring in your articals now and put them on display

EXCHANGE OPEN EVENINGS 7 - 8

Come in and look through our stock

"3IF"
St Charles Place

THE JEFFRIES YOUNG ANTENNA COMPANY

THE SPIRAL ANTENNA

"What's it do?" "Hears Colon!" "Any thing else?" "Yes, Glace Bay!" "Hum, Transmit?" "Sure, woriass "KOB"! "That all?" "Breaks up "WCY"!"

"Very good, that's more than my straightaway does".

\$1,600,000 Pier

145 St Charles Place

609 G

ALBERTSON AND YOUNG COMPANY

High Grade

Up To Date

WIRELESS GOODS

HOLTZER CABOT

BRANDES

FONES

LOADING COIL { Capacity- 5000 meters
Price- \$2.50

You need this for
long wave stations.

THE NEW ELECTRO ROTARY VARIABLE CONDENSER

17 plates \$2.25
43 " 3.75

Enclosed in a glass case which can be
filled with oil thereby increasing
the capacity.

2025 Atlantic Avenue

JUST WHAT YOU NEED

RADIO MESSAGE blank, pad of 50.....\$.15.
Remember the Inspector requests that you
keep copy of all you copy and send.

CERUSITE, same as used by marconi Co.,
Per piece.....\$.20.

New SILICON, most sensitive yet
Per piece.....\$.10 & .05

A new loose Coupler, our make, at only \$7.00
This is the best COUPLER ever
offered at this low
price

OPEN EVENINGS

COME IN AND SEE OUR STOCK

JEROME HAAS
2011 Atlantic Avenue.

The Editors.

Yours Very Truly,

Sure we know this is upside down, but we wanted you to read
it so we could tell you again that you should patronize your
home agencies and products if you want them to maintain their
present standard of efficiency.