

At last we shall be able to write "finis" to the present DX season, which has proven such a big disappointment to the majority of us, for with this Bulletin, we officially bring to a close the 1935-36 DX season. We hope that our efforts during the past season have pleased all of you and we want to thank every one who has done anything for us during the past season, in aiding us to bring you the latest up-to-the minute DX news and tips throughout this past year. We also want to thank all of the Officers of our club, for the faithful manner in which they have served the club and we want to take this opportunity to thank all of the various clubs, radio stations and our other outlets for their splendid co-operation during the past season, in publicizing our DXes. We also want to thank "the Clearing House" for the fine work that was accomplished in our behalf from that source.

Ted Grosvenor of Wichita, Kansas sends us a very interesting article for this final Bulletin that some of you may be interested in reading, so we are printing it for the benefit of all of our members.

A BOOSTER FOR YOUR RADIO SET. By T. R. Grosvenor

Some few days ago, the writer received a preemptory order to "Write an article for the bulletin--or else..." So I suppose I'll have to humor the old duck for once.

How many times have you tuned for that distant DX only to have reception come in very weak most or all of the time? Haven't you said to yourself "I wish there were one or two more tubes to this set". Here is a chance to add that "one or two more tubes" at little cost compared to the results achieved.

Several weeks ago, the writer tuned to 790 kc. in an endeavor to hear 4YA. It was heard--but so weak that I was on the wishing end for more tubes. I decided to quit wishing and do something about it. New apparatus on the present set was out of the question because added equipment was pushing the present power supply to the limit, even with the very efficient 83 as a rectifier tube.

Having an old but fairly efficient, discarded radio on hand, the plate wire from the detector tube was disconnected and a wire run from the plate to the antenna post of my radio and both sets were turned on. Results were surprising, to say the least. At the extreme top of the dial, we find CJRM on 540 kc. My set was rather in-efficient up there. CJRM was entirely unheard. With this additional boost, CJRM was heard a good R6. Other stations were tuned in at various points and the volume turned almost completely off. The same station was then tuned in on the booster set, always with an almost 100% increase in volume.

This method is by far the most simple and inexpensive way to achieve the desired results. Those wishing to try it may obtain an old discarded radio at most any dealers store. Generally speaking, the reason for discarding them is that they have a burned out power supply. By giving the dealer the audio transformers and other parts not needed, he will fix the R.R. section so that it will operate properly. A new transformer or other defective part is then secured. Then all is in readiness a connection is taken from the plate of the detector tube to a binding post. This post is then connected through a small fixed condenser, such

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as a .001 or smaller, directly to the antenna post on your radio. It must be remembered that a ground wire must be connected to the ground post on both sets to complete the circuit.

That is all there is to it. In case someone would like to try it out but does not know just how to proceed, I will gladly send all the necessary information, such as the type of power transformer to get, or other necessary parts or wiring information. Return postage is all that is necessary. This arrangement, by the way, will work with ANY radio set, as it is powered with an independent power-supply.

 SHORT WAVE DEPARTMENT By Ed Brandon

The Transatlantic reception was generally poor last week. The British and German stations were exceptionally distorted by fading. Other stations appeared to be considerably weaker. Tuning across the 20 m. band one evening, we heard CO2HY 200 watts, working a fourth call area station. His signals were R8 but showed marked inconsistency. XE1Q and VP9R were checked off in our log. An unidentified signal from the Canary Islands was also heard.

The Two German stations, DJA and DJN will shift around this Friday, May 1st, to provide more effective reception for listeners. DJA (9.56) and DJN (9.54) are at present used for radiation of programs to South and Central America. Any N.R.C. DXers noticing any better reception as a result of this interchange, kindly send a note to headquarters for publication in the Bulletin.

Television-toddling infant of modern communications-is creeping out of the laboratories. It's first long walk will be quite a hike for a youngster- 100 miles from Philadelphia to New York. In six months, construction forces will have completed the installation between those two cities of a coaxial cable. (You might call it a wire within a pipe.) It will carry more than 200 telephone conversations over a single circuit at the same time-many times more than are now possible. Radio engineers however are interested in the cable's ability to transmit a wide band of frequencies-one million cycles. This wide-frequency feature is just what's needed for television.

This coaxial cable was developed in the world-famous Bell Laboratories research unit of the Bell System in New York City. (Telephone news April 1936).

Radio Station WFS recently carried a complete account of the developments in the basketball game between the White Plains High School and Glens Falls by means of an intercity hook-up with W8LUJ at Glens Falls and the Radio Club of the White Plains High School.

HRD La Ceiba 6235 Kcs. is being heard here every evening up until 11 P.M., says Arthur Johnson, 472-83rd St., Brooklyn, N.Y., and sometimes even later...VE9DR Montreal, Que. on 6006 Kcs with 2000 watts being heard here of late. Heard yesterday, Tues. April 21 at 7:20 P.M. with a swell signal...EAQ is now issuing a new distinctive QSL card... After waiting 8 months, I finally received my QSL from TIGPH which is quite colorful. VE9DR is relaying CFCF...CO9WR Sancti Spiritus, Cuba, heard strong at 10 P.M....is 6280 kilocycles and uses 100 watts...HI7P "Emisora del Comercio" Ciudad Trujillo, R.R. on 6800 kcs. heard Saturday April 18, at 8:06 P.M. with Spanish and American dance records. This is a new station here for me.

Another very interesting item from Arthur Johnson reads, "I heard W2XGB Hicksville, L. I., N.Y. on 6425 kcs on a test program. They will

be on the air for one week and promise to verify all reports. Here is how they announce: 'This is station 213B, The General Experimental Station of the Press Wireless, Inc., we operate on 6425 Kcs. for one week testing to determine if it is possible to send press reports to various newspapers via radio. We will verify all reports.'

Paul V. Price, 379 Grant St., Sharon, Penna., reports activity on five meters and also sends this information obtained from his HJU verification: HJU9510 kcs. 1 Kw. Schedule 12 to 2 P.M. and 8 to 11 P.M. (Incidentally Paul, have you ever noticed any interference from GSB on this same channel? - Ed)

A list of recent catches among the short wave circles of the NNRC may interest some of our members. By the way; the NNRC, in connection with Arthur Johnson's report, says that VE9DR, 7.005 megs. 75 watts is on a 17 hour schedule, rebroadcasting CFCF. This stations is said to be on of the most modern outfits in Canada:

VK3WX	14.39 megs.	2UD	14.30 megs.	2HP	14.05 megs.	2HS	14.26
4DB	14.10 megs.	2BY	14.26 megs.	2BD	14.10 megs.	2UP	14.11
2VA	14.38 megs.	PK1AX	14.09 megs.	3AX	14.05 megs.	VK2AS	14.07
5WO	14.39 megs.	VK2AD	14.05 megs.	2JU	14.28 megs.	KALAM	14.30

Radio Station VP2CD St. Kitts, Nevis, Leeward Islands, West Indies, claims WAC and reports from 54 countries. The station uses only 65 watts on 20 meters.

DX CHATTER-SW's (EST) by A. W. Oppel

DID YOU KNOW...that HC1FM (5.72), Quito, Ecuador, is on the air each Tuesday from 9-11 P.M. Address Senor J. Leonardo Ponce, Box 664, for verifications...XDR (9.42), Chapultepec, Mex., have changed call to XDIE...CO9GC, being heard on 12.30 megs., state this is their second harmonic of their regular wavelength on 6.15...HI2D (6.90); HI7P (6.80); HI8A (6.48); and HI8Q (6.24), Trujillo, D.R., are on daily (HI8A excepted) from 6:40-8:40 A.M.; 10:40 A.M. to 2:40 P.M.; 4:40-8:40 P.M. HI8A is on from 8:40-10:40 A.M.; and from 2:40-4:40 P.M., daily except Sunday...ZLT-4, (11.05), Wellington, N.Z., communicates with VLK (10.52), Sydney, Australia, nearly every morning between 2:30 and 3 A.M...CEC (10.67), Santiago, Chili, is on the air Monday and Thursday, 8:30-9 P.M., and daily from 7-7:15 P.M...YBG (10.43), Medan, Sumatra, is being heard Sundays from 6:30-7 A.M...new stations are: HCITQ (6.74), Quito, Ecuador, on Sundays from 5:15-7:15 P.M.; XQJ (15.38), Shanghai, China, about 9 P.M.; FVA (8.96), Algiers, irregularly phoning TYA2 (9.03), Paris, between 3:30 - 5 P.M?

HERE and THERE

The F.C.C. granted permission to the Pan-American Airways Co., to erect two radio stations on Long Island. The stations are authorized to use aviation frequencies, and are expected to serve planes in trans-Atlantic service. Their location will be at Port Washington, between Southampton and Amagansett...The French are buying radios at the rate of 100,000 a month!...E.H. Scott, radio manufacturers of Chicago, have just completed a 48-tube receiver to retail at \$2500. The power output of which is 100 watts...He stated KNX was applying for 500,000 watts. This was in error, as it is KFI instead.

STATIONS BROADCASTING BASEBALL GAMES.

(Sponsorship of 'Wheaties')

Chicago-WBBM; Buffalo-WGR & WKBW; Detroit-WWJ; New York-WINS & WJCA; Baltimore-WCBM; Philadelphia-WCAU & WIP. New England-Yankee network (WJL etc.); St. Louis-KNK; Indianapolis-WINE; Cleveland-WHK; Des Moines-WHO; Davenport-WOC; Lincoln-WLFB; San Francisco-KYA; Minneapolis-WCCO; St. Paul-WTCN; Rochester-WAAM; Birmingham-WLRC; Little Rock-KLRA; Los Angel-

es-KHJ; Kansas City-W9XBY. (Note: The American League notified radio stations last week it will not permit the broadcasting of its games by stations located in minor league towns. The National League is expected to order likewise.)

The Holy Land's new radio station opened with a five hour gala program on March 29. The wavelength of the Ramallah station is 449.1 meters, or 668 kilocycles. The identifying signal of the station is a high pitched continuous note, and announcements are in English, Arabic and Hebrew. Station announcement in English is "This is Jerusalem calling"; in Arabic, "Berki el Kuds" and in Hebrew, "Madabir Yerushalim". The English government has installed free radios (costing \$175.00) in each of a long list of small towns, and listeners are invited to attend. Privately owned radios in the cities are licensed at a half pound each.

DX CHATTER (E.S.T.)

By A. W. Oppol

DO YOU KNOW...that KGDY, 1340 kcs., Huron, S.D., test the first Sunday of each month, from 4-4:30 A.M....WEMP, 1310 kcs., Milwaukee, Wis., test the second Saturday of each month, from 4:40-5 A.M., instead of Friday --as listed in skeds...WSPR, 1140 kcs., Springfield, Mass., is scheduled to open sometime in May...WORL, 920 kcs., Needham, Mass., have received permission from the FCC to move their main studios to Boston ...Tests are expected...WTHT, 1200 kcs., Hartford, Conn., is scheduled to open sometime in June...The Reporter Broadcasting Company have received a CP to erect a new station at Abilene, Texas, using 1420 kilocycles and 100 watts...KLZ, 560 kcs., Denver, will use a day power of 5000 watts, with nights remaining at 1000?

We are omitting the NPO and DX Calendar this time, inasmuch as there is only one tip on hand for May so far and that one is that WMFG, Hibbing, Minn., will dedicate their May test to our club. As for the NPO reports, we only have one of them at hand this week, so it's hardly worth while printing that either.

Joe Becker has just received word that the WJBO broadcast, which we thought was to take place on Sunday morning, May 3 has been postponed until June 7 from 3:00 to 4:00 A.M., this was done inasmuch as the May broadcast had already been promised to the Globe Circlers DX Club.

We had hoped to have a S&E Report on hand for this week, and also a list of the winners of the various prizes that had been offered for the members during the course of the past season, but the mail thus far has failed to produce anything of that sort, so that this will have to be carried over until the June issue of our Bulletin.

In bringing this Bulletin to a close, for we only have enough material at hand for four pages this week, we want to thank our Courtesy Programs Committee for all the fine work that they have done for the members of our club this season. We want to thank each and every one of the members who served on this committee and tell them that their effort are appreciated beyond words. We were indeed fortunate to have such an excellent committee this season and we were also fortunate in having such a fine Chairman for this Committee. It is impossible to put into words the deep appreciation that we feel for the fine work that was accomplished by the CPC for NRC during the past season.

We request that all CPCers having postage accounts outstanding against the club for this season will kindly send them in as soon as possible in order that we may straighten out all accounts properly. 73s to you all and a happy summer vacation to all our members.