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19

37

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Willmar, Minn.



ISSUED

WEEKLY

VOL. 5 NO. 9

DECEMBER 7

\$1.75

Headquarters  
317 EAST 10th STREET  
ERIE, PENNA.

\$1.75

We welcome the following new members—William Stone—Toronto Can.  
Carl Forestieri—Bronx N.Y., Lloyd Ress—Easton Penna+ George L. Brode Sr.  
Philadelphia Penna.

SPECIAL DX PROGRAM—DEDICATED TO N.R.C.  
December 11th—(Saturday) 4:40 to 5:00 AM—EST  
1420 Kc,—KCMC—Texarkana Texas—  
Station will verify all correct reports  
received, lets all go and listen and give  
them a card or letter in appreciation of  
their courtesy.

Late News Sergio Gonzalez—Cuba.

COCU—9.95 mc, 250 watts—  
CMCU—1290 kc's 250 Watts

Estrada Palma 25 Havana.  
" " " "

COCA—9700 mc, 100 watts  
CMCA—1350 kc's 100 watts

Avenida de Italia 102 Havana.  
" " " "

Sergio says he was talking with the owners of these stations and they told him that they would go on the air December first 1937.

SPECIAL DX PROGRAM -- NRC  
December 12th—(Sunday) 3:00—4:00  
A.M.E.S.T.— KGB—1330 Kc's San  
Diego Calif., Dedicated to the  
NRC.

SPECIAL DX PROGRAM---NRC  
December 26th— 2:00—4:00 A.M.  
E.S.T.—WJBO—1120 Kc's Baton  
Rouge La., Dedicated to the  
NRC.

The above Dx programs was arranged by Jack Horner—Jack also sends the following information—anyone that wants a verification from either XERA and XEAW. Write Walter Wilson 1305 N. Main St. Del Rio Texas., To get a verification from WTBO write to H.B. Mc Noughton of that station.

Bill Stone—Writes in that CHNC—960 Kc's New Carlisle Que., will be on for the NNRC December 18 from 3:00—4:00 A.M., EST.

NOTICE—You have untill December—17. to get in your Xmas Greeting for the NRC SPECIAL CHRISTMAS bulletin—we have 20, so far lets have some more. Get your greetings in as soon as possible.

Yes we were in Cleveland yesterday but what a day—Snow and more SNO

SINGLETON & ELIMINATOR CONTEST As of 11/30/37.

## Singletons:-

- Criswell:- KGCU KGKB KGVO KLRA KRLH WBBZ WEVD WEW WFBL WFBR WGNV WHN  
(Pa.) WMFR WSAL WTAQ WTBO XEU. - 67½ points.
- Eder:- CJCJ KGA KGB KGBX KGMB KGO KHBG KMMJ KTSA KWG XEL. - 36½.  
(Minn.)
- Forestieri:- CMQ WRBL WSAY LR6 PRF3 PRA9 Paris 695; Marseilles 749; Lyon  
(N.Y.) la Doua 648; Lille 1213; 56K 5CL. - 67 points.
- Hawkins:- CFNB CHNS CKCR CMEZ CRCS HIX KABC KDFN KFGQ KGDM KIEM KIUF  
(N.H.) KONO KQV KSUN KXO WAAW WABI WAVE WCOMI WEBQ WFAM WLLH WMBQ  
WORL WOSU WOW WPAR WSYU WTAX WVAW XENT XEPN. - 53 points.
- Horner:- KGFV WMBI WPRA. - 9½ points. - (Pa.)
- Lundberg:- KCRC KECA KGDE KGER KGNF KIUL KIUN KIT KJR KLZ KPRC KTRB  
(Minn.) KXA KXRO WAPI WBOW WCAT WFAA WHBF WHK WJAC WJAG WPAY WREN  
XETB 2YA. - 51½ points.
- Routzahn:- KIRO KTUL WAIM WDAS WFIL WGBB WHA WHBU WLVA WMFU WOI WSMB  
(Pa.) WSUI. - 37½ points.
- Snyder:- CFCN KDLR KDYL KFBI KFJB KGIR KNX KOA KSTP KTRH KWDA KVOO  
(Mich.) KWK WBT WCBD WDSU WELL WFBC WGES WGN WHBL WHDH WHFO WHIP  
WJAS WJR WMAQ WMT WNBX WQBC WSPA XEOK. - 60 points.
- Stone:- CBM CBO CBW CFCY CFPL CJRM CKCL CMCY CMOX CRCK CRCT KADA KEX  
(Ont.) KFAC KFBK KFEL KFJZ KFPY KFSO KGCC KGFF KGGI KGKO KJBS KMLB  
KMOX KOTN KFLC KPO KQW KROC KUSD KWOS KWKH KWTO KXYZ KYW  
WACO WAGF WASH WBBC WBEN WBZ WCAD WCAO WCBM WCKY WCLS WDAE  
WDGY WDRC WEAN WEBC WEED WESG WFAB WGH WGPC WGY WHDF WHEF  
WHFC WIBU WICC WINS WIP WJAX WJBY WJJD WKAQ WKBH WLW WMBC  
WMPC WNAC WNBC WNOX WOLS WOOD WOPI WPG WREC WRJN WSAI WSAJ  
WSGN WSJS WTAM W8XO XERA - 159½ points.
- Weaver:- 9½ points. (Pa.)
- Wheeler:- 1½ points. (Pa.)
- Eliminators:-
- Forestieri eliminated Criswell's WZL. - Snyder's KWSU. - Stone's WCOA  
WAGA.
- Hawkins " Criswell's KFXJ WFAS WMFO WOKO. - Eder's KGFI WTAL.  
Routzahn's WEBR WMBG WVAE. - Lundberg's CKSO KOY  
KRMD KUJ WJBC. - Snyder's KARK WCAZ WGAR WIBM  
WMMN. - Stone's CFLC CHSJ CJCB CJCS KFPV KFRO KGGM  
KVSO KVTN WBRB WBRF WLBC WLBL WMAS WRDW WROL WSYR.  
Wheeler's WIOD WLNH.
- Lundberg " Criswell's KNOW KPDN KRGV WDNC WEMP WMBD WMFF. -  
Eder's KEEN KGU KGY KHSI. - Horner's KDON. - Rou-  
tzahn's WBAX WBNY WKRC. - Snyder's KALB KFJM KYA  
WQAM. - Stone's CKOV KBTM KELD KFIZ KGNO KHJ KOIL  
KOL WFAF WHBQ WJIM WJMS WKAR WNBK WSIX. - Weaver's  
KRLC KTSM.
- Routzahn: " Criswell's KOKO. - Horner's WIBX.

Mr. Lawrence Lundberg, Minneapolis, Minn., entered CRCV as a Singleton, and received credit for same, however, since they have now changed call to CBR, we have taken credit away from him on this one.

Favorable comment on the new arrangement of our Bulletin has been received from Carl Forestieri; Carl & Anne Eder; Bernard Duffy; Walter Snyder; Joe Becker; Warren Routzahn; Harold Criswell; Lee Roulston; and Harry Hawkins. We appreciate these fine comments. - Bob Weaver

NATIONAL POST OBSERVER REPORTS

All time E.S.T.

CARL FORESTIERI, Bronx, N. Y. - Reports that there is a new station on 540 kcs., using the call ZNS, Nassau, Bahamas on the air nightly from 8:30 to 9:00 P.M. Their Sunday schedule is extended a half hour until 9:30 P.M. "Z" for Zetha; "N" for Nassau and "S" for Sunshine. Carl also reports that he has not been able to do much DXing of late owing to severe static and that he hasn't heard the TA's since Nov. 16th.

J. WARREN ROUTZAHN, York, Pa. - Latest catches CBM. Latest veries WOAI KOKO WIBX and WRWA.

Nov. 23 890 WJAR Testing @ 3:25 A.M. 900 KHJ Good @ 4:00 A.M.  
 Carriers of testing stations on 1480; 1450; 1340; 1260; 870.  
 Nov. 28 1220 WDAE Sign off @ 3:30 A.M. 940 ??? Testing; may have been  
 1220 KWSC On DX @ 3:30 A.M. WICA. No announcements.  
 1140 KVOO On all morning. 1550 KPMC Heard well @ 4:25 A.M.

HARRY F. HAWKINS, Manchester, N. H. - Reports hearing CBF at Montreal frequently during evenings with usual R8 signal. He also states that a short time ago he was listening to a CBF program over the CBC and heard the dedicatory program of another new station CJBR, announced as located at Rimouski, Quebec, which, by the way, is at the head of the St. Lawrence River. Frequency and power were now learned, and as yet they have failed to make an appearance here in Manchester - so Harry concludes they must be of low power, probably 100 watts.

A. LEE ROULSTON, Plymouth, Mass. - Reports having heard the following new stations thus far this season: WSAL, WGTM, WOLS. Says he did not do much DXing this past week, weather too bad.

H. W. CRISWELL, Spring Grove, Pa. - DX poor during the past week.  
 Dec. 1 1400 KHBC heard 3-3:30 A.M. 1370 WABY not heard for 2 days.  
 1370 WPAY Testing @ 4:00 A.M. 840 XERA not heard this A.M.

JOE BECKER, Sr., Hamilton, Ohio - Sends Greetings to all his old friends. His log is 1110 stations heard. 1097 verified, with 13 outstanding requests for verification. Joe reports that there is a CMCK being heard on 1030 kcs. He also says he has heard the following Canadians using their new calls, CBO, CBF, CBM, CBW & CBR, with CBM, CBW and CBR already verified. He also states that CBO was heard around 5-5:15 P.M.; CBR heard at 6:38 P.M. WICA heard around 6:30 A.M.; KTMS and KELA both heard about 2:45 A.M. WHIP heard often at 7:30 A.M. with interference from stations on adjacent frequencies.

CARL EDER, Willmar, Minn. - Writes us of his experiences with his inside loop aerial on Nov. 8th. He reports having heard the following stations; KFBK KOVC WHBB WDNC KABC WMSD WISN WQDM WMCD WOC WSMB WCRJ WROC WMFF KFVD KFPW WMFN XERA WIND. Carl says that he is experimenting to find out the possibility to eliminate QRM on the same channel by the directional effects of the loop. However, Carl says that they have not had enough time to say anything positive as to whether it will pay dividends or not, but we are very much inter-

Page four  
All time E.S.T.

NATIONAL RADIO CLUB DX NEWS  
DX CALENDAR

DECEMBER 7, 1937.  
All time E.S.T.

CALL FREQ	LOCATION	FROM	TO	CLUB	CALL FREQ	LOCATION	FROM	TO	CLUB
<u>FRIDAY, DECEMBER 10.</u>									
WJAG	1070 Norfolk	1:30	-2		KPOF	880 Denver	2:15	-2:45	
CHAB	1200 Moose Jaw	2	-3	NNRC					
<u>SATURDAY, DECEMBER 11.</u>									
KRLC	1390 Lewiston	3	-4		KCMC	1420 Texarkana	4:40	-5	UDXC
WNEL	1290 San Juan	3	-4						
<u>SUNDAY, DECEMBER 12.</u>									
CKWX	1010 Vancouver	2:45	-4:30	IDA	WFMD	900 Frederick	2	-5	NNRC
<u>MONDAY, DECEMBER 13.</u>									
KECZ	1370 S.L. Potosi	NNRC	2	-2:40					
<u>WEDNESDAY, DECEMBER 15.</u>									
KGFW	1310 Kearney	6	-6:30		KWBG	1420 Hutchison	6:30	-7	
<u>SATURDAY, DECEMBER 18.</u>									
KRLC	1390 Lewiston	3	-4						
<u>SUNDAY, DECEMBER 19.</u>									
KIUN	1420 Pecos	5	-6	UDXC					

DX GLEAMINGS-All E.S.T.

By Bob Weaver

IT'S IN THE NEWS THAT...2,112 hopefuls have recently auditioned for radio work, but--alas, only 7 were chosen...a youthful, ten year old news commentator was recently denied the privilege of broadcasting, owing the ruling handed down by local school authorities in Washington ...many newspapers have recently curtailed radio space, placing the blame on the increased cost of newsprint...it is rumored that WMFG, Higgings and WHLB, Virginia, Minn., may both soon join the CBS supplementing KDAL, Duluth...the third week of the Havana Radio Conference found the delegates in a huddle over the shortwave bands and a meeting of the North American Region Sub-Committee. Everyone is confident of the outcome, and it is believed that the Mexican Border stations will be restrained...several members of the FCC are reputed to be in a 'huff' over the Payne ouster...upsetting of the usual routine of the Commission by the new seven-man rule, made transaction of business by the FCC almost impossible during this past week, however, the first business to be transacted by the new system are to be considered this week...Arde Bulova, owner of quite a few stations in and around the Metropolitan area, in an effort to give WBIL, New York more time on the air, has effected a deal with WPG, Atlantic City, whereby the latter will move to 1130 kcs., and at the same time he will withdraw application to have WCOF, Boston, operate on this frequency. It will also be necessary to either find some other frequency for WOV, New York, or else abandon operation of this station...Paul F. Harron, President, of the Trenton Broadcasting Co., has started a court battle in an effort to force the former owners of WOAX, Inc., to sell their ownership in station WTNJ, Trenton to him, on the grounds that they have failed to live up to an optional agreement made in 1934...

NATIONAL POST OBSERVER REPORTS (Continued)

Carl Eder:- ested in the outcome of these experiments, and trust that Carl will favor us with some more information pertaining to his work in this direction.

Ye Broadcast Band Editor wants to take this opportunity to express his appreciation for the fine response that the new Singleton & Eliminator Contest has met with. He would still welcome some additional entries into this Contest, so, all that is necessary, is for you to send him a list of the verifications that you have received, that bear a date since January 1, 1937 and he will accordingly credit you with whatever points you are entitled to. Let's all get in this interesting Contest!

\* \* \* \* \*

\* SHORT \*  
 \* WAVE \*  
 \* \* \* \* \*

Send your reports on Short Wave Reception to Mrs. ANNE EDER, WILLMAR, MINN.  
 Short Wave - Editor:

\* \* \* \* \*

\* OUR MEM- \*  
 \* BERS \*  
 \* REPORT \*  
 \* \* \* \* \*

--- December 7th 1937 ---

# THE SW-ROUND-UP

VolV: No-9

Page :

- AFRICA:
- So-Afr; ica ..... 9.61 - Johannesburg, usually good ranging from 6/3-9/5 CAE\*MINN.  
 So-Moro cco EA9AH 14.03 - Tetuan, reception erratic, from 5/2 to 8/4 - CAE\*MINN.
- ASIA:
- Japan JVH 14.60 - Tokyo, reception variable fair to good 6/3 - 8/4 CAE\*MINN  
 JVT 6.75 - Tokyo, rather poor flutter and choppy, CAE\*MINN.  
 Philp. KZRM 9.57 - Manila,- Excellent 5.01 am- program of popular music.LL\*Min  
 Not so good with QSB - - CAE\*MINN.  
 Manchuk. JDY 9.94 - Dairen, fairly good, slight QSB & QRN- CAE\*MINN.
- OCEANIA:
- AUSTRAL VK2ME 9.59 - Sydney, reception fair only,- heard Sunday mornings,- CAE  
 VK3ME 9.50 - Melbourne, very good 8/5 LL\*MINN. Erratic 5/3 - 9/5 CAE\*MINN  
 VK3LR 9.58 - Lynhurst - 4.45am 8/4 - LL\*Min. 6/3 - 8/4 erratic CAE\*MINN  
 VL6ME 9.59 - Perth, Not coming trough often, heard once in 10 days 6/3
- Fiji Isld VPD-2 9.54 - Suva, erratic reception ranging 6/3 - 8/4 - CAE\*MINN.  
 Java PLP 11.00 - Bandoeng,- 5.am - poor sigs, 5/3 - They sent a booklet abo  
 ut their station, I wonder if this is supposed to be a verie ? L.)
- EUROPE :
- Belg. RKO 10.33 - Brussels, only with weak sigs audible, 4/2 - CAE\*MINN.  
 CZECH OLR3A 9.55 - Prague, reception very good,- 8/4-5 CAE\*MINN.  
 Slovck OLR4A 11.84 - Prague, only fair,- 6/3 - CAE\*MINN.  
 Denmark OZF 9.52 - Poor with QRN from GSB , at times fair,- CAE\*MINN.  
 England GSB 9.51 - excellent - GSB-9.58 excellent,- GSD-11.75 good, GSF-15.14  
 good,- GSI-15.26, fair,- CAE\*MINN. GSD being the best ,- LL\*MINN.  
 France TPA-3 11.89 - Paris,- fair - 6/3 - CAE\*MINN  
 Germany DJA 9.56 - good, DJB 15.20 good during daytime,- JD 11.77 fair - to  
 excellent,- DJL 15.11 good but QSB- DJN 9.54 - fair,- DJP 11.89  
 poor to fair,- CAE\*MINN. \*\* DJA-DJD-DJN- with DJD best -LL\*MINN.  
 Hungary HAT-4 9.12 - Budapest Sun & Wed 7-8pm Sat 6-7 pm Fair to good CAE\*MINN.  
 Iceland TFJ 12.23 - Reykjavik, Sun, 1.40-2.30 pm. poor to fair,- CAE\*MINN.  
 Neth-Lnd POJ 9.59 - Huizen, Sun: 2-3pm 7-8 pm; Tue: 1-3 pm 8-10.30 pm,- Fri:  
 9.-11 pm.- good - CAE\*MINN.  
 Poland SPD 11.53 - Reported by ABJ\*NY- Not audible in Minn. (Editor)  
 Portugal OSW 11.04 - Excellent Nov 19- 4.30 pm.- LL\*MINN.  
 Russia RAN 9.60 - Mosoow,- fair to good 8/4 - CAE\*MINN.  
 Spain EAH 9.475 -Madrid, announces as UBT-1. - ABJ\*NY  
 EAR 9.488- La Voz de Liberta,- - ABJ\*NY. & CAE\*MINN. fair.  
 ..... 10.37 - Radio Nacional, also Radio Salamanca, at Salamanca.  
 reception fair with deep fading,- CAE\*MINN.

CORRECTION PLEASE:

HBL - 9.345, Geneva Switzerland , has been listed wrong in bulletin of Nov 9.  
 it is on the air Fridays 7.30 pm - 7.45 pm. Not Saturdays. (Letter from HBL)

\*\*\*\*\*

WEST INDIES:

Cuba COBX 9.20 - Havana Cuba, Sked 8.am - 11.30 pm. Excellent - 8/5 CAE\*MINN.  
 COFZ 9.05 - El Progreso Cubana, Havana - till Midnight and later -CAE\*MINN.  
 COGM 9.835- Havana, poor 6/3 - does NOT verify.-- CAE\*MINN.  
 COCQ ???? is still drifting some, heard 8.20 mc, 6/3 - 9.10 mc -7/4  
 9.68 mc 8/4 - is now QRM'ing Fort de France Martinique,- badly, CAE\*  
 COCW 6.33 - Havana, poor 5/3 - CAE\*MINN.  
 COJK 8.665 - Camaguay -- Sked, 7.am - 11.pm.- CAE\*MINN.  
 COKG 8.90 - Santiago,, drifting - reported on 8.925 ABJ\*NY, 8.87-90 CAE\*  
 DOM.REP. HIH 6.78 - La Voz del Higuamo, San Pedro de Macoris, ABJ\*NY  
 HIN 6.24 - Trujilo City.-- good 7/4 - CAE\*MINN/  
 HILS 6.42 - Santiago, Sked 6.10-8.10 pm exc. Sundays. - fair 6/3 CAE\*MINN  
 HICG 6.73 - La Ramona, 6.00-7.40 pm Irreg. ABJ\*NY  
 HI4V 6.45 - S.F.de Macoris,- Sked 5.15 - 8.30 pm Exc. Sundays ABJ\*NY  
 W.W.Ind .... 9.685- Fort de France, Martinique, sig off at 7.55 pm Lady announ-  
 cing in english, asking for reports; ( Note, do not mistake this for  
 Radio Martinique which is on 9.73, Editor's note )

# SW-NOTES OF INTEREST

**CORRECTION PLEASE :** In our Bulletin of November 9th 1937, we made an error in listing HBL 9.345 Mc, 7.30pm to 7.45 pm. for Saturdays, it should read FRIDAY: \*\*\*\*\*

In the interest of our members we announce the additional Stations who have joined the DIME VERY class of the Quixote Radio club. This stations no longer will verify directly, Add to the list of Bulletin Nov 2nd, as follows:

- 4.841 Mc, - HJ3ABD - Bogota, Colombia. -
- 5.850 Mc, - YV1RB - Maracaibo, Venezuela.
- 6.206 Mc, - HI-8Q - Trujilo City, Rep. Dom.-
- 6.243 Mc, - HIN - Trujilo City D.R. -

\*\*\*\*\*

Be on the look-out on 9.70 Mc, for the new Cuban Station COCA, They might be testing before long now, - Who will be the first one to report them ? -  
 6.59 Mc or 9.95 Mc, is another place to keep your eyes on for COGU.

2RO - Rome Italy is reported on 15.30 mc, mornings,- Have you heard?

EAR - Madrid Spain, if not found on 9.48 mc may be located on either 8.89 mc or 9.85 mc, try for them there.

The correct call for CT1AA is CS2WA - not CSW2 as reported. (Ed).

We thank our reporters A.B. Johnson, NY, Lawrence Lundberg Minn. and Sergio Gonzalez, Havana Cuba, for their interest and support, WHO else will fall in line to make this SW pages the most interesting part of our Bulletins ?

Best of DX to ALL ! ANN'.

\*\*\*\*\*

South America

Argentina LRX 9.66 - Radio El Mundo, Buenos Aires, reception 7/4 - LL & CAE\*M  
 Brasil PRF4 10.18 - On with a special program featuring opera music, signed off at 9 pm Nov 29th fair to good, english announcement at 9pm.CAE  
 Chile CB1190 11.90 - La Voz de Valdiva, Valdiva, reported on 11.913, ABJ\*NY.  
 CB1170 11.70 - Santiago, reported on 11.68 by ABJ\*NY.  
 Colombia HJ1ABB 4.78 - Barranquilla, - poor 5/3 - CAE\*MINN  
 HJ1ABP 9.61 - Cartagena,- excellent -LL\*MINN, fair to good.-CAE\*MINN.  
 HJ3ABD 4.84 - Colombia Broa'casting,- Bogota, poor 5/3 deep QSB CAE\*M.  
 HJ3ABH 4.90 - Bogota, La Voz de la Victor, fair. 6/3 - CAE\*MINN.  
 HJ3ABX 6.12 - La Voz de Colombia, Bogota, good 7/4 CAE\*MINN.  
 HJ7ABD 9.63 - Bucaramanga - Excellent reception LL\*MINN & CAE\*MINN.  
 D.Guiana PZH 6.80 - Paramaribo, - Ske', 5.40-9.40 pm Mo/We/Fr/ - ABJ\*NY.  
 Ecuador EC20DA 9.447- Guayaquil, with best sig ever heard 8/4 -LL\*MINN.  
 Paraguay CXA-8 9.64 - Colonia, poor with lots of QRM, 5/3 LL\*MINN- 7/3 CAE\*MINN  
 Peru OAX4J 9.34 - La Voz de Lima, - poor & weak, too much QRM -5/3 CAE\*MINN  
 OAX4T 9.56 - Radio Nacionales, Lima, - ABJ\*NY  
 OAX4Z 6.377- Lima, reported by ABJ\*NY.  
 Venezuela YV1RB 5.85 - Ecos del Zulia, Maracaibo, fair 6/3 - CAE\*MINN.  
 YV1PL 5.93 - Radio Popular, Maracaibo, fair 6/3 - CAE\*MINN.  
 YV4RD 6.30 - La Voz de Aragua, Maracaibo, - reported by ABJ\*NY  
 YV4RH 5.913- Valencia reported by ABJ\*NY.  
 YV5RC 5.80 - Radio Caracas, fair to excellent- 6/3 - 9/4-5 CAE\*MINN.  
 YV5RD 6.156- Radiodifusora Venezuela, Caracas. fair CW-QRM - CAE\*MINN.  
 YV5RJ 6.255- La Voz de la Esfera, Valencia, - fair - CW QRM. CAE\*MINN  
 YV6RC 6.416- Radio Bolivar, at Bolivar, - ABJ\*NY.

CENTRAL AMERICA

B.Hond. ZIK-2 10.60 - Belize, - Sked, 7.-7.30 pm.- Mo/Tu/Th/Sa. - ABJ\*NY.  
 C.Rica TIPG 6.41 - San Jose, La Voz de la Victor, Fair,- also on 11.92 Mc CAE  
 TIEP 6.69 - San Jose,- fair 6/3 - CAE\*MINN.  
 TILS 5.90 - Fair - 6./3. - QRA: PO. Box 3. San Jose C.R. - CAE\*MINN.  
 Guatemala TG-2 6.31 - Guatemala City, ABJ\*NY- Verie says 6.16 mc - LL\*MINN.  
 TG2X 5.94 - Excellent for a short while later CW-QRM, LL\*MINN, fair CAE  
 TGWA 11.76 - Excellent 8/5 - CAE\*MINN - ABJ\*NY.  
 Honduras HRN 15.15 - Excellent, with a program opening the Guatemala Fair,CAE.  
 HRP-1 5.87 - Tegucigalpa, fair 7/3 - CAE\*MINN.  
 HRD 6.357- El Eco de Honduras en San Pedro Sula - ABJ\*NY  
 Mexico XEET 6.23 - La Voz de Atlantida, La Ceiba, Excellent 8/5 CAE\*MINN.  
 XEDQ 6.00 - Mexico City D.F. - fair to good,- CAE\*MINN.  
 XEFT 9.545- Guadalajara,- reported by ABJ\*NY.  
 XEME 9.55 - Veracruz, poor 5/3 - QRM -xxx - CAE\*MINN.  
 XEUZ 8.19 - Merida, Mexico, fair to excellent, 6/3 - 8/5 - CAE\*MINN  
 XEWI 6.12 - Mexico City, has special programs 11pm - 1.am - CAE\*MINN.  
 XEWW 11.90 - Estacion Cultural, Mexico City, fair, 7/3 - CAE\*MINN.  
 XE'W 9.52 - La Voz de Latin America. fair - ABJ\*NY  
 XEXA 15.16 - La Voz de Latin America,- good 8/4 - CAE\*MINN.  
 .... 6.17 - Maxico City, featuring very good programs, good 7/4 CAE\*M  
 7.10 - Radio Cultural del Partido Nacional Revolucionario Mexica-  
 no, excellent CW at times,- 9.30 - 10.15 pm comunistic propaganda,  
 followed by regular program, no calls announced but announcements  
 in english are made frequently, Located Guadalajara, Jalisco Mex.  
 SG\*Cuba, ( Our new Member Sergio Gonzales at Havana Cuba, welcome  
 O.M. let's hear from you often, ) good sigs most of the time CAE\*  
 XEBM 15.44 - LL\*MIN wants to know if someone else has heard them?

Arthur J. Parfitt

THE BUCKEYE OBSERVER

Cleveland, Ohio

## HOW TO DESCRIBE RECEPTION

QSA	Ease of understanding				AUDIBILITY
QSB	Fading of signals				
QSL	Verification	QSA 1	Unintelligible signals		
QSO	Communication	2	Understood at times only		
QRA	Address of station	3	Understood with difficulty		
QRN	Atmospheric static	4	Fairly well understood		
QRM	Interference	5	Perfectly understood signals		

## VOLUME

R	1	Faintest signal heard on phones
	2	Very weak signal heard on phones
	3	Fair headphone signal
	4	Good headphone signal
	5	Excellent headphone signal
	5	Very weak speaker signal
	6	Fair speaker signal
	7	Good speaker signal
	8	Strong speaker signal
	9	Maximum speaker signal

## FADING

QSB N	No fading present
S	Slight fading noticed
SS	Deep fading present
SSS	Complete fade out
R	Rapid fading noted.

## STATIC

QRN N	No static present
R	<del>BEIGHT</del> Static noted
XX	HEAVY static present
XXX	Very HEAVY static noted.

QRM - CONSTRUCTIVE This form of interference is that form which tends to blend in with the signals of the station desired and "sort of" builds up the intensity of the signals from the station desired. Thus adding in logging this particular station.

QRM- DESTRUCTIVE This is the form of interference which tends to counter act those signals which are desired and results in a very "jerk" or rather hard to understand signal. In some cases it may completely nullify the signal you may wish to hear.

OSCILLATION - This is the sharp whistle of various tones which are heard when some stations are testing. It is used primarily for checking the frequency of the station transmitting the oscillations.

HETERODYNE - This is the combining of some station on the same frequency or an adjoining frequency which tends to combine with the signal of some other station on that frequency or an adjoining frequency and produces a howling sound or a very pronounced whistle of one note.

UNMODULATED - Carrier waves which show on your tuning meter or magic eye but from which you receive no audible sound except a slight SHHH is an UN-MODULATED signal. That is there are no voice or musical sounds impressed upon it.

COMING! A new feature for the members of the National Radio Club Jan 1st. Watch for this very interesting and informative feature. The articles appearing in this column now will be concluded in the last issue of the NRC DX NEWS for 1937.

----- A. J. Parfitt, President.



Mr. Boris Kozel Editor  
Amateur Station W8MMQ

## AMATEUR HI-LIGHTS

15412 Waterloo Road,  
Cleveland, Ohio

Concluded

## INTERNATIONAL PREFIXES

Concluded

YJ.....New Hebrides	ZCI.....Transjordania.	ZD7.....St. Helena
YL.....Latvia	ZC2.....Cocos Islands	ZD8.....Ascension
YM.....Danzig	ZC3.....Christmas Island	ZD1.....Southern Rhodesia
YN.....Nicaragua	ZC4.....Cyprus	ZD1.....Cook Islands
YR.....Roumania	XC5.....Palestine	ZN2.....Niue
YS.....El Salvador	ZD1.....Sierra Leone	ZL.....New Zealand
YT, YU.....Jugo Slavia	ZD2.....Nigeria, Cameroons.	ZM.....Western Samoa
YV.....Venezuela	ZD3.....Gambia	ZP.....Paraguay
ZA.....Albania	ZD4.....Gold Coast & Togoland	ZS, ZT, ZU.....Union of South Africa
ZB1.....Malta	ZD6.....Nyassaland	ZU9.....Tristan da Cunha
ZB2.....Gibraltar		

## "Q" SIGNALS Concluded

## QUESTION

## ANSWER

QRZ - Who is calling me?	You are called by.....
QSA - What is the strength of my signals?	The strength of your signals are...1 to 5
QSB - Does my signal strength vary?	The Strength of your signal varies
QSL - Can you give me acknowledgement of receipt?	I can give you an acknowledgement of receipt.
QSO - Can you communicate with..... directly or thru.....?	I can communicate with.... or thru.....
QSY - Shall I change to transmission on .....Kc or.....Mc ?	Change to transmission on....Kc or,...Mc.

There are other "Q" signals but they pertain toward commercial uses but those who are interested in these will find them listed with the above "Q" signals in any radio handbook or reference books.

As I had written the week before last, this column is entirely devoted to the interests of the members of this bulletin. Your questions pertaining to the amateur technique, equipment or similiar materials will receive prompt attention and answered in this bulletin as soon as it is possible.

Since the Amateur radio field can cover such territory, it makes it rather difficult to determine the tastes of the members in this field. So, please let me know of your interests in this line, such as DX reports, technical discussions, why this works, and other questions of this nature.

Any information that you want to give or ask, please address this information to Arthur Parfitt or Myself.

The Officials of the New National Radio Club have spared no expense or effort to bring to it's members the finest Editors and Technical advisers possible to secure. They are at your service and we hope you will derive much benefit from them.

By Boris Kozel

AMATEUR HI-LIGHTS

Cleveland, Ohio

THANKS !

To the Amateur Dxers who have sent in their DX reports, may I extend my most sincere appreciation. Those who have neglected to do so will you kindly drop me a 1¢ postal card and let me know what you have logged and heard. --- Boris Kozel.

ERNEST WICHMAN, W8NHP, CLEVELAND, O. Reports that the 10 meter band is in fair condition but not up to it's usual par. Here is a brief list of the DX heard on this band:

CO2HY QSA 5 R 9 Plus	CO7CX QSA 5 R 7	LULDA QSA 4 R 6 to 7
CO2LY 5 9 "	CO7VX 4 6 to 8	TI2LR 5 7 to 8
CO2WZ 5 6 to 7	HK1DG 4 6 to 7	VE5CR 5 7
CO2JJ 5 7 to 8	K6RZ 5 8	VP3THE 5 9 Plus
	K6NVV 5 8	

ARTHUR J. PARFITT, CLEVELAND, O. Our President seems to have gone Amateur here lately and we find a brief report from him as follows: November 28 1937 20 meters G5M L Kenilworth, England working W3FPU at 2:15 PM E.S.T. also heard at this same time CT1AY Portugal, working W1FLH at 2:15 PM EST.

CARL & ANN EDER, WILLMAR, M. INN. We are very deeply indented to the Eders who send us such complete and interesting DX reports, and this week we again find that they have been quite active as shown by the list below:

K6FKN 14.20	Florida Kentucky Nebraska	Calling CQ	Time Heard 11:25 PM
K6CGK 14.23	Canada Germany Kilowatt	"	" 11:15
K6BNR 14.28	? Norway Russia	"	" 10:45
K4EFF 12:22	Working a W4	"	" 6:50
HK4AG 14.06	American Germany Working W3BHJ (150 watt)	"	" 11:00
HI3N 14.12	Working W2HTO	"	" 11:00
HI7S 14.14	Calling CQ	"	" 7:00
YV5ABY 14.08	America Boston Yesterday	"	" 10:55
OA4AL 14.28	Alabama Louisiana Calling Ecuador (Quito)	"	" 10:50
HH2B 14.15	Gertrude Bleo Operator QSL's with photo card of Station		
ZU6P 14.12	Calling W9DFL	"	" 11:30
VP3THE 14.12	Terry Holden Expedition-working various amateurs.		
	Stated he was using a 1 K <sup>w</sup> generator, mail should be addressed to Orren W. Hungerford % National Broadcasting Co., Rockefeller Center, New York City, N.Y. Mr. Hungerford will return in two months from British Guiana and a special card of British Guiana will be sent. This was taken from QSO at 11:10 PM.		
PY2AK 14.40	Calling W3APO		11:30 PM

CALLING ALL AMATEURS, PLEASE MAKE NOTE ALL SOUTH AFRICAN AMATEUR STATIONS WILL CHANGE CALL LETTERS. THE INTERNATIONAL PREFIX LETTERS ZS, ZT, and ZU will be changed to ZS exclusively effective MARCH 1st 1938. We are indebted to one of our Ace Broadcast Band Dxers for this bit of important News and the Editor of the Amateur Department wishes to thank Mr. Dick Cooper for his report. May we be favored with other reports in the future? Fine work Dick keep it up. -Editor.

CQ, CQ? CQ, This is W8MNY, Jonnie Longar operator, 12814 Lake Shore Blvd., in Cleveland, Ohio calling for QSO's and advising that I shall be glad to QSL with any amateur operator or amateur DX fan who will contact me. Send me your QSL card or DX report of reception and I'll send you my QSL card promptly. THANKS.

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 Interesting Letters  
 From Members of NPC  
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OUR MEMBERS TELL ME-

By Arthur J Parfitt  
 Cleveland, Ohio.  
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GEORGE L. BRODE, Philadelphia, Pa. Our Official Publicity Director favors us with a few very interesting items which we appreciate very much. We are looking for some more items from you George. Thanks again. (ED.)

The Call letters of WCAP, formerly known as WJPM till 1927, stands for the "Wonder-City of Asbury Park. They are now using a verticle Antenna and cover a large radii.

On August 23rd 1937 WSNJ opened their station officially. They also are using a verticle radiator antenna and they say their call means "We Serve New Jersey."

JULIO M. CONESA, WPRP, Ponce, Puerto Rico. Mr. Conesa sends us some very interest ing information about WPRP & Puerto Rica which we gladly pass along to our readers. Thank you very much Mr. Conesa, and The National Radio Club wishes you every possible success in your broadcasting activities. (Ed)

Puerto Rico is one of the islands comprising the West Indies Group, located midway between the two Americas. Has a population of over 1½ million. It is an agricult@ ural country producing a good share of the world's sugar, coffee, tobacco, grapefruit oranges etc., The climate is tropical, perpetual sunshine with moderate warm days & cool nights. Once is a city of 70,000 population, the center of the sugar industry and home of WPRP owned and operated by Julio M. Conesa an Electrical Engineer who designed and built the equiptment under his personal supervision. It is the first such station so built in Puerto Rico and the first to be housed in quarters specially designed for this purpose. DX Programs will be broadcast twice monthly for American DX Fans.

KILOCYCLE KOMMENTS We submit below the information recently gathered from the Air waves and as announced from the stations them selves. A. J. P.

730 Kcs XERB 100,000 watts. Address Radio Station XERB, Rosarito Beach, Lower California, Republic of Mexico. Xmitter is located 15 milos from the International Border line. The name of the Country Club property upon which the Xmitter was built was not understood and I am omitting the name until an authoritative statement is secured. 910 Kc 50,000 Watts CBF address your letters to Radio Station CBF, Canadian Broadcasting Corp., 1231 Saint Catherines Street, West, Montreal, Quebec, Canada. Correct reports of reception will be acknowledged and verified. Art Parfitt

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 A NUT TO CRACK  
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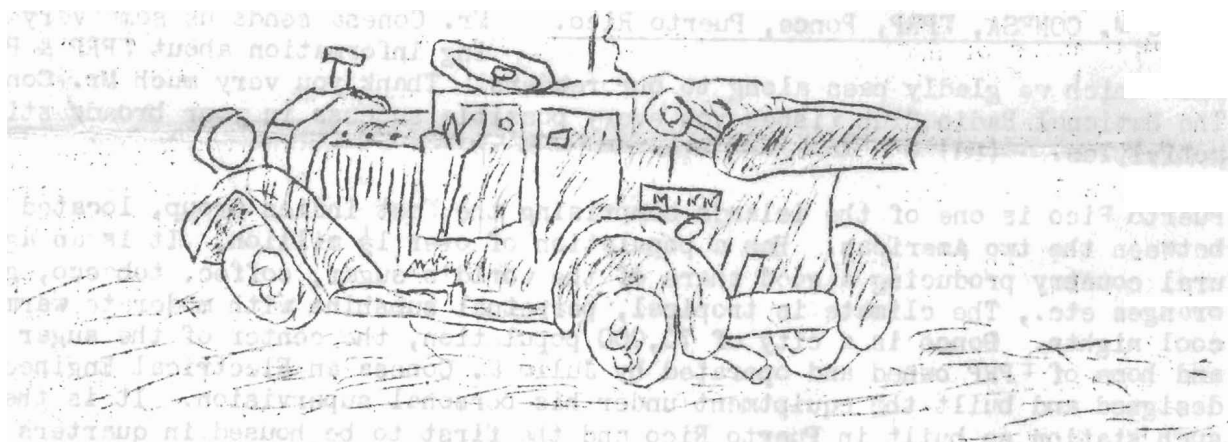
Mr. George L. Brode of Philadelphia, Pa sends us Nut To Crack for this week, here it is boys. Thanks Mr. Brode for your nut to crack. Let's see who solves it first send in your answer on a postal card to A. J. Parfitt, 2067 E. 83, Cleveland, O.

It was DONE before it was done, It was DONE while it was done, but after it was done it was NOT BONE at all. (Anser will be in Next week's issue. Ed.)

The answer to the first Nut To Crack is TWO Inches. If the worm eats from the FRONT cover of volumn one clear thru to the BACK cover of Volumn of volumn 3 he will have eaten thru only two inches. The books if standing on a shelf with covers parallel to each other. The front cover of volumn one will rest against the back of volumn two, the back of volumn no. 3 will rest against the front of voumn two. So Mr. Worm will eat only thru volumn number two.

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 We appreciate letters and cards from our members, won't you write us? Don't forget that we want to make this bulletin YOUR bulletin and what you want to see in it remains for you to decide so let us have your reactions to this column, if you like it send us items on interest won't you? If you don't like it tell us so. Thanks boys. AP

CARL EDER OF WINNABRAMIN HAS  
 INSTALLED A MICROPHONE IN THE BACK  
 SEAT OF HIS CAR FOR HIS WIFE  
 ANNETO SPEAK INTO — HER VOICE  
 IS CARRIED TO CARL — THIS IS HOW  
 CARL GETS HIS MAIL  
 READ — THAT — SERVICE



BURNING UP WONT  
 GET THAT STATION  
 OM-LUNDBERG-  
 OF MINNEAPOLIS

Mr. George L. Brode of Minneapolis, Pa. contains the track for this...  
 It is the boys'...  
 card in your answer on...  
 I was born before...  
 does it has NOT BORN...  
 The answer to the first...  
 FRONT cover of volume...  
 will have either...  
 parallel to each other...  
 of volume two, the back...  
 So Mr. You will get...  
 24  
 414  
 646

100  
 200  
 300  
 400