

Arthur Parfitt—President  
 2067 East 83rd Street  
 Cleveland, Ohio  
 Robert Weaver—Vice Pres.  
 603 West Market Street  
 York, Penna.  
 Carl Eder—Secretary  
 Pouch-A.  
 Willmar, Minn.



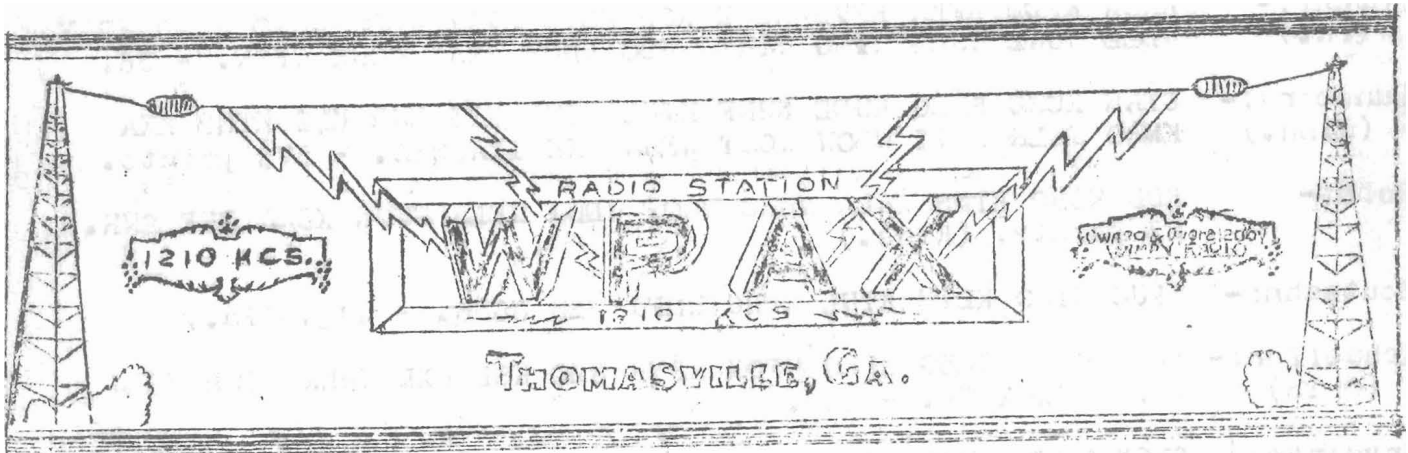
Harold Wagner—Treasurer  
 642 Victory Road  
 Erie, Penna.  
 Robert Weaver—BCB—Editor  
 603 West Market Street  
 York, Penna.  
 Mrs. Anne Eder—SW—Editor  
 Pouch-A.  
 Willmar, Minn.

Headquarters  
 317 East 10th St.  
 Erie, Penna.

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WPAX-1210 Kc.,s.,Thomasville Ga.,Febuary 9th.,from 3:10 to 3:30 A.M.E.S.T.  
 Dedicated to the National Radio Club. Every listener reporting this broadcast will be sent a beautiful booklet describing Thomasville, Ga., and the most Distant Listener will in addition be given a FIVE POUND BOX OF THE FAMOUS GEORGIA PAPER-SWELL PECANS.

<p>WHDL 1400 KC.          Dedicated to NRC          4:00—4:20          Olean New York          JANUARY, '13</p>	<p>1500-KGKB-KC.          Nationwide Dx Program          1:00—4:00          Tyler Texas          JANUARY, '17</p>	<p>570 KC. WKBN          Dedicated to NRC          5:20—5:40          Youngstown Ohio          JANUARY, '12</p>
<p>WTAW 1120 KC.          Dedicated to NRC          3:50—4:10          College Station Texas          JANUARY, '11</p>	<p>WCHV-1420 Kc., January 9th.,          2 to 4 A.M. EST.          Charlottesville Va. for UDXC          *****          WJBY-1210 Kc., January 9th.,          4 to 5 A.M. EST.          Gadsden Alabama-for UDXC.          *****</p>	<p>1200 KC. WCPO          Dedicated to NRC          3:00—3:20          Cincinnati Ohio          JANUARY, '12</p>

WJBY-Will award a PRIZE to the Dx'er sending in the most distant report.

WCHV-Is only on the Air once a year with their Dx Programs so watch for them.  
 Richard Cooper-Kittanning Penna. Sent in the information about WCHV and WJBY.

YSS-640 Kc., El Salvador-February 13 from 1:00-2:00 A.M. EST. for IDA.

Also their Short wave Station Y S D 7,894 KYCS

FQN-609 Kc., St. Pierre and Miquelon, Island-January 15th., 4-5 A.M. EST. for IDA.

SINGLETON & ELIMINATOR CONTEST As of 12/29/37.

Singletons:-

- Criswell:- KGCU KGVO KLRA KRLH WEVD WHN WTAQ. - 65 points. (Pa.)
- Eder:- KGA KGFY KGMB KHBG KMMJ KPQ KWG. - 38½ points. (Minn.)
- Forestieri:- CMQ LR6 FRA9 Paris 695; Marseilles 749; Lyon-la Doua 648; Lille 1213; 5CK 5CL. - 64½ points. - (N.Y.) (51 points).
- Hawkins:- KABC KDFN KFGQ KGDM KIEM KIUP KONO KQV KXO WFAM WHIS WKBN (N.H.) WLLH WORL WOSU WOW WPAR WSYU WTAX WWSW CFNB CHNS CKCR CRCS.
- Horner:- KASA KFDM KFKA KFVS KGEZ KOB KOIN KTAT WBBR WBNO WCSC WDAY (Pa.) WDEL W GAL WHAS WIBG WIRE WKBO WNBZ WNAX WORK WPEN. - 56.
- Lundberg:- CFAR KCRC KFRC KGDE KGNF KIUL KIUN KIT KJR KLZ KTRB KXA (Minn.) KXRO WALR WAFI WBOW WCAT WFAA WHK 1YA 2YA. - 57½ points.
- Robb:- KDB KSRO KTMS WALA WBRC WCOP WEBJ WFLA WSUN XEAA XEF 2NR. 23 points. (Kans.)
- Routzahn:- KFUO KIRO KLPM KTUL WHBU WMFJ WSB WSMB. - 44½. (Pa.)
- Schaeffer:- CKFC CMBC CMBG KFKU KFOX KFYR KMO KSD KXL WBNX WCSH WJEJ (Ohio) WLS WMEX XETF. - 24½.
- Snyder:- CFCN KDYL KFJB KOA KWK WAML WBT WCBD WDSU WELL WHBL WHDH (Mich.) WHIO WHIP WJAS WMAQ WNT WNBX WQBC WSPA WTIC XEOK. - 58½.
- Stone:- CBO CFCY CFPL CJCA CKCL CMCF CMCY CRCK KADA KEX KFAC KFEL (Ont.) KFPY KFSD KGKO KMBB KPLC KPO KROC KTHS KWTO KXYZ WACO WAGM WASH WBEN WBZ WCKY WCLS W DGY WEBC WEED WEAB WGBI WHEF WHFC WIBU WINS WIS WJJD WKBH WMBC WNAC WOLS WOOD WREC WSAJ WSJS W8XO XEAW. - 145½.
- Tucker:- CFCT WHOM WLAF WRUF WWVA Rennes 1040. - 22½. (Ohio)
- Weaver:- 9½ points. (Pa.)
- Wheeler:- 3 points. (Pa.)

Eliminators:-

- Hawkins eliminated Routzahn's WDAS. - Snyder's KTRH.
- Horner " Criswell's WGNV. - Hawkins' WAAW WAVE XEPN. - Lundberg's KECA KGER WJAC WREN. - Routzahn's WLVA WOI. - Robb's CFRC. - Snyder's WCFL WGN. - Stone's WESG WKAQ WTAM. - Tucker's KFDY KSAC WNAD.
- Lundberg " Criswell's XEAC. - Schaeffer's KEHE.
- Routzahn " Hawkins' WMBQ. - Stone's KOTN KQW.
- Stone " Eder's KGO. - Lundberg's WHBF.

Possible Singletons - U.S. "W" Stations.

WAAT WABC WADC WAGM WATL WATR WAWZ WAZL WBAA WBAL WBOQ WBOW WBRK WCAE WCAL WCAM WCAU WCBA WCCO WCHS WCHV WCLO WCRW WDAH WDEV WDSM WEDC WEEU WELI WEXL WGAN WGBF W GCM WGL WGRM WGVA WHAL WHAM WHAZ WHB WHBY WHDL WHEB WHEC WHJB WHO WHF WIBA WIBW WIL WILM WIS WJAR WJBW WJDX WKAT WKBB



FRIDAY, JANUARY 7.			
LRI	1070	Buenos Aires	2-3
SATURDAY, JANUARY 8.			
KRLC	1390	Lewiston	3-4
		WNEL 1290	San Juan 3-4
SUNDAY, JANUARY 9.			
WLLH	1420	Charl't'ville	2-4
		UDXC CMBY 970	Havana 3-4 NRC&
XEKL	1240	Leon	3-4
		NNRC WJBY 1210	Gadsden 4-5 UDXC
MONDAY, JANUARY 10.			
XEBU	1250	Chihuahua	3-4
		NNRC Lri 1070	Buenos Aires 2-3
WEDNESDAY, JANUARY 12.			
LRI	1070	Buenos Aires	2-3
FRIDAY, JANUARY 14.			
Lri	1070	Buenos Aires	2-3
SATURDAY, JANUARY 15.			
CMCA	1350	Havana	1-3
		NNRC FON 609	St. Pierre 4-5 IDA
SUNDAY, JANUARY 16.			
WCCO	810	Minneapolis	3-4
		IDA KSL 1130	Salt Lake City 12-8 NNRC
KOBH	1370	Rapid City	5-6
		UDXC KMAC 1370	San Antonio 2-7

NATIONAL POST OBSERVER REPORTS (Continued)

WALTER C. SNYDER, Grand Rapids, Mich. - Sends in his first NFO report in a few weeks, due he says to school work, Walt, you know is a Junior in High School.  
 Dec. 12 - 900 WFMD DX Fgm. R8 4:25 1140 KVCO R7 all night bdet.  
 640 KFI R6 on Xmas Bdet. Conditions were poor and much noise owing to high level.

J. WARREN ROUTZAHN, York, Pa. - Latest veries WGH WJBY KGCX KFUC KCTN WFDF KLPM HP5A. Latest catch CMCK.  
 Dec. 23 1130 WJJD R9 3:30-4 A.M. 580 WDBJ R7 on Test 4:15 A.M.  
 910 XENT R9 4:10 A.M.  
 Verif from KLPM state they were granted increase in power to 1 KW daytime and 500 watts at night, unlimited time. Expect to be using their increased power on Feb. 1, 1938.

HARRY HAWKINS, Manchester, N. H. - Tells us more about KLPM, he says that they are to change frequency to 1360 kcs., using the power mentioned by Warren Routzahn in the above stated report. He says that WFW will notify him of any future DX programs. Harry reports Cubans all over the dial on the morning of Dec. 25. He says he easily heard CMBL at 1:15 A.M. He says there were in the neighborhood of 25 of the Cubans on that morning. He also says that YV1RF were on all morning. He says outstanding DX on the 25th was TG-1, caught at 2:18 on 1515 kcs., playing marimba selections, with Spanish announcements. He feels certain that they must be using more than 300 watts. He also inquires as to what foreigner interfered with 650 kcs., at 2:08 A.M. that morning. On Dec. 27 he reports hearing WILM until 2:00 A.M., with nothing audible from KMAC.

J. J. ECKER, Sr. Hamilton, Ohio - Reports reception of the many Cubans Christmas morning. He says those outstanding were CMCB, CMCM and CMOA. Joe says the following CPs have been granted; Birmingham, Ala 590; Mobile Ala 1200; Montgomery, Ala; 1210; Miami, Fla 1420; Tampa, Fla. 940; Mankato, Minn. 1500; Tulsa, Okla. 940; New Castle, Pa. 1250; San Juan, F. R. 570; El Paso, Tex. 940 and Laredo, Texas 1500 kcs. Thanks for this information, Joe

# NATIONAL SW ROUND-UP

RECEIVING CONDITIONS FROM - OUR MEMBERS REPORT'S :

SEND YOUR RECEPTION REPORTS TO: ANNE EDER, S.W. EDITOR, WILLMAR, MINN.

### AFRICA :

- Sp.Marocco : EA9AH - 14.04 Mc, Announcing as Radio Nacional, with News and music at 6.pm R7 Q4, CAE\*MINN.
- So.Africa : Klietheuvel, 9.63 Mc. relaying program from Johannesburg Studios. 11.45 pm. R8 Q4 slowly fading towards end of transmission CAE\*

### ASIA:

- China : : ZBW - 9.53 Mc, 5.25 am - Just beaking trough at times R3 Q1, LL\*MINN.  
\*\*\*\*\* ATTENTION S.W.L. ZBW verifies again if you enclose IRC with Reports. CAE\*MINN.
- Japan : : JZJ - 11.80 Mc, received an R9 at 3.40 pm. LR\*WIS( Louis Reivold)  
JVH - 14.60 Mc, 7.17 pm. talk jap, R5Q3; 9.35 pm. music R7Q3, 11.20 pm. talk in jap, R7 Q3. CAE\*MINN.
- Java : : YDB - 9.55 Mc, Signed off 9.15 am - R7 Q4, CAE\*MINN .
- Manchokou : : JDY - 9.92 Mc, 7.08 am R5Q3; Sign off 9.15 am R7Q3. CAE\*MINN.
- Philippine s : : KZRM 9.57 Mc, 5.20 am R3Q1. undermodulated; Sked 5-9 am 4.15-6pm. Sun 4.am - 10.00 am. LL\*MINN. - 6.08 am R6Q3 CAE\*MINN.

### OCEANIA:

- Australia : : VK3LR 9.58 Mc, 5.30 am R8 Q5 VFB Signal LL\*MINN. 8 am R6Q3 CAE\*MINN.  
VK3ME 9.50 Mc, 5.08 am R8Q4 Rapid shallow fading Opera music. LL  
6.50 am - R8Q4. CAE\*MINN.
- Fiji Islids : : VPD-2 9.54 Mc, 6.53 am R6 Q3, CAE\*MINN.

### EUROPE:

- Czech Slovck : : OLR3A 9.55 Mc. 1.07 pm. with news in German R9 Q5, CAE\*MINN.  
OLR4A 11.84 Mc, 7.30 pm. an R9; LR\*WIS.
- Denmark : : OZF 9.52 Mc, 5.40 pm. R6 Q3, too much QRM after 6pm from HJ6ABH.GE\*
- England : : GSB 9.51 Mc, 5.am R3Q1, - 2pm R9Q5 LL\*MINN - 6.42 pm R7Q3 CAE\*MINN.  
GSC 9.58 Mc, 8.15 pm. R9 Q5 to R6 Q3, LL\*MINN.  
GSF 15.14 Mc, 8.40 am R8 Q5 CAE\*MINN.
- France : : TPB-16. 6.05 Mc, Paris, Dec 11th 7.35 pm to 8.00 pm. with speaking in spanish, Announcing as Radio Colonial, This is a NEW one. Con- gratulations go to Sergio Gonzalez who is reporting the station.
- Germany : : DJA - 9.56 - 9.20 am. R7Q3; - DJB - 15.23 Mc, - 8.50 pm. R8Q4; -  
DJE - 17.76 Mc, 9.25 am - R6Q3; - DJL 8.30 am R9Q5; DJP 11.85 Mc at 9.20 pm. R5 Q3. - CAE\*MINN.
- Hungary : : HAT4 9.12 Mc, - 7.15 pm.- R6 Q2. CAE\*MINN.
- Iceland : : TFJ 12.23 Mc, - Sun; 2.05 pm. R5 Q 2/3 \* CAE\*MINN.
- Netherlands : : PHI 17.77 Mc, - 9.23 am R6 Q3. CAE\*MINN.
- Poland : : SPW 13.63 Mc, 7.20 pm. R6 Q3. CAE\*MINN.
- Portugal : : CS2WA 9.65 Mc, - 4.30 - 5.00 pm.- QRM spoling program, 3 cooku calls pceed announce-ents, Radio Colonial,- Sked Tue/Thu/Sat 4-7pm. LL\*MINN.
- Russia : : RAN 9.60 Mc, - 8.20 pm.- R7 Q3/4 Flutter musical program LL\*MINN.  
8.40 pm.- R6 Q3. CAE\*MINN.  
RNE 12.06 - 9.35 am - Sun. R6 Q 1/2 Lady speaking in english.

## S.W. ROUND UP. CONTINUED

SOUTH AMERICA:

Argentina : LRX 9.66 Mc, 11.15 pm.- R8 Q4, CAE\*MINN. Fine music.  
 Brazil : PSH 10.22 Mc, - 7.45 pm.- R8Q4 - 8.43 pm R5 Q2, CAE\*MINN.  
 Chile : CB1170 11.68 Mc, - 6.35 pm R 5/7 Q3 CW QRM on till 11 pm LL\*MIN.  
 Colombia : HJ1ABB 4.78 Mc: - 10. pm R7 Q4. CAE\*MINN.  
 HJ1ABP 9.61 Mc, - 8.30 pm. R8 Q5 LL\*MINN. - 8. pm R7Q4 CAE\*MINN.  
 HJ6ABH 9.52 Mc, 8.15 pm. R7Q4 QRM & QSB -LL\*MINN. 6.45pm R6Q3CE\*  
 HJ7ABD 9.63 Mc, 8.40 pm.- R9Q5 LL\*MINN. 10. pm R7Q4 CAE\*MINN.  
 Ecuador : HC2JS 7.854 Mc, 8.05 pm. R8Q4, Sked 11am - 2pm; 4-11 pm. LL\*MINN.  
 HC2RL 6.635 Mc, 5.30 pm R4/5Q2 QSB, LL\*MINN  
 HC2ODA 9.447 Mc, 8.05 pm. R6 Q4, LL\*MINN.  
 Peru : OAX4J 9.34 Mc, - 7.00 pm.- R1 Q5 some CW QRM, CAE\*MINN.  
 Radio Nacional : Lima Peru 15.17 Mc, testing Sunday 3.45pm CAE\*MINN  
 Uruguay : CXA8 9.64 Mc, - 8.36 pm. R7 Q3. CAE\*MINN.  
 Venezuela : YV1RB 5.85 Mc, 7.00 pm.- R6 Q3. CAE\*MINN.  
 YV1RH 6.36 Mc, - 8.15 pm R7Q4, Sked Weekdays 4-11 pm Su 8.30am  
 - 2.30 pm. LL\*MINN. - 10.15pm R6 Q3 CAE\*MINN.  
 YV5RC 5.80 Mc, 8.20 pm.- R8 Q4. CAE\*MINN.  
 YV5RJ 6.25 Mc, - 10.10 pm.- R5 Q2, CAE\*MINN  
 YV5RP 6.27 Mc, - 10.00 pm.- R8 Q4, CAE\*MINN.

NORTH - CENTRAL AMERICA & WEST INDIES :

Costa Rica : TIEP 6.69 Mc, 8.10 pm R9Q5 Sked 6-11.30 pm Except Sunday LL\*M  
 10.55 pm. La Voz del Tropico, R9Q5 CAE\*MINN.  
 TILS 5.90 Mc, - 8.45 pm.- R7 Q4, CAE\*MINN.  
 Guatemala : TG2X 5.94 Mc, 5. pm R7Q4. Ske 4-6pm daily 10-MN Mo/Tu/TH/Sa. LL  
 TGWA 11.76 Mc, - 7.00 pm. R9 Q5, CAE\*MINN.  
 TGWA 15.16 Mc, - 2.00 pm.- R8 Q5; - 5. pm R8 Q4, CAE\*MINN.  
 Nicaragua : YPNR 8.59 Mc, 8.00 pm. R6Q3 LL\*MINN; 9.30 pm. R5Q2 CAE\*MINN.  
 YNOP 5.76 Mc, - 9.06 pm.- R6 Q3, CAE\*MINN.  
 Panama : HP5A 11.70 Mc, 6.10 pm. R7 Q5 VFB Sig, LL\*MINN, 9.30 pm. R5Q2  
 HP5J 9.59 Mc, - 8.15 pm R9Q5, LL\*MINN 1.40pm R6Q3 QRM from RAN.  
 Signed off at 10.00 pm. Dec 28th CAE\*MINN.  
 HP5K 6.01 Mc, 7.00 am, R6 Q3, CAE\*MINN. Morning best time .  
 Salvadore : YSD 787 Mc, 9.40 pm.- R6 Q3 CAE\*MINN.  
 Mexico : XEXA 6.17 Mc, 11.15 pm. R8 Q4. CAE\*MINN. XEWW 9.50 Mc, 1 pm.  
 R8 Q5 VFB Sig, LL\*MINN 6.48 pm. R9 Q5 CAE\*MINN.  
 XEBQ 6.03 Mc, - 6.00 pm. Sign off in english R5/6 Q3 LL\*MINN.  
 Cuba : COBC 9.89 - 10. Mc, LL\*MINN & CAE\*MINN. COBX 9.20 Mc, R6Q3, CAE\*MINN.  
 COCH 9.43 Mc, 6. pm R8Q5 CAE\* COCO 6.01 Mc & 12.02 Mc, Harmonic  
 COCW 6.33 Mc, Off at 11 pm. CAE - COCX 11.43 Mc 7pm R7Q4, CAE\*MINN.  
 COCF 11.79 Mc, 9.30 pm R6Q3 QSB, CAE\* COCM 9.85 Mc, 8.20pm -  
 R8 Q4 CAE\* COCQ - 9.76 Mc, 7pm R8Q4 CAE\* COJK 8.66 Mc,  
 9.30 pm R5Q2, COKG 8.37 Mc, 9.34 pm R6 Q3, CAE\*MINN.  
 Dom, Rep. : HIG 6.28 Mc, Radio La Opinion, Sigs 2. pm. SG\* Cuba.  
 HILX 6.34 Mc, - 6.3 5 pm.- R8 Q5, CAE\*MINN  
 F.W. Ind. : Martinique, 9.68 Mc, - R8 Q5. CAE\* MINN.  
 North Am. : WLXK 8.68 Mc, 9.28 pm.- R8 Q4. CAE\*MINN?

Special Notice : HJLABE:

We have word that HJLABE Cartagena Colombia will return to the air either on December 31st or January 1st with a Special Broadcast for the Chicago SWRC. Frequency is given as 4.86 Mc.- and reports will be appreciated.-

Editor.



Mr. Boris Kozel, Editor 15412 Waterloo Road,
Amateur Station W8MMQ. AMATEUR HI-LIGHTS Cleveland, Ohio.

NOTICE

Please send ALL Amateur DX reports and other Amateur correspondence to Editor Boris Kozel, 15412 Waterloo, Road, Cleveland, Ohio. All material received by Thursday morning's mail will appear in the following week's bulletin. Any material received later than this time limit will appear in the next following bulletin. PLEASE send in your reports early and often. Thank you. B. Kozel.

We find in looking over some of the reports that there has been a little bit of action on the twenty meter band and we are very anxious to learn what luck the rest of you may have had won't you please drop us a line and report UR DX?

CARL & ANN Eder, Thank you Carl and Ann for your very frequent and interesting reports, your Amateur Editor appreciates your very loyal spirit and looks forward to your very welcome letters. We wish we had more wide awake and active Amateur DX Artists in the NRC like your selves. The Eder's report seems to cover quite a bit of good DX: B.K.

HC1FG 14.10 working W9UM 8:50 PM LELLF 14.12 Working W5CS 8:03 PM
OA4AA 14.27 Stands bye for W5 9:30 PM HH5PS 14.10 Working W8WI 8:53 PM
OA4AD 14.15 Calling CQ 10:22 PM HI7I 14.17 Calling CQ 4:37 PM
YV4AX 14.05 Calling CQ 6:55 PM YE9BW 14.16 Works a VE--- 9:37 PM
VP9G 14.28 Calling CQ(75M) 9:35 PM K6BNR 14.28 Calls W6LYN 10:00 PM
CO2JJ 14.15 Working VP3THE 9:02 PM VP3THE 14.35 QSO F2BTE 8:47 PM
CO7AS 14.05 Calling CQ 8:20 PM Three Homesick Explorers, advise
CO8BZ 14.06 Calling CQ 9:12 PM temperature at 120 in the shade.
CO7VP 14.15 Working W7AVG 10:10 PM OX2QY 14.37 (Temp 20 below Zero)
-- All time is Eastern Standard. -- reception erratic on this one.

NOTICE!

From the Bulletin of the SHORT WAVE CADETS of Cleveland Ohio we reprint the following very important information of interest to "Hams" and Ham Dkrs:

THERE WILL BE AN AMATEUR DX CONTEST FOR VENEZUELA HAMS THE FIRST PART OF WHICH WILL BE HELD FROM JANUARY 14th to 18th for CW only. Operators who get reports from the greatest distances will receive prizes. THE SECOND PART OF THE CONTEST WILL BEGIN ON JANUARY 21st and continue through to the 25th and will be for the "PHONES" This will put more than 200 hams on the air continuously. We are indebted to Carl and Ann Eder for the above news and we wish the Short Waves Cadets the best of luck in their grand endeavor. B. Kozel

Arthur J. Parfitt Can you imagine our President getting down to DX on the Cleveland, Ohio HAM bands ??? Well it looks like he has really begin to enjoy life on the other "thrill" bands. Good luck Art and lets have some more reports from you from time to time. Editor.

Art says he has heard the following "hams" at various times and dates and lists these among his "victims" EA9BJ 7.15 located in Spanish Morocco using 40 meter fone. G2IL has been calling CQ on 7216 several mornings lately poor quality.

Continued AMATEUR HI-LIGHTS Continued

Arthur J. Parfitt G2IL is owned and operated by H. R. Goodall "Amalinda" Cleveland, Ohio Bassett Crescent, Southhampton, Hampshire, England. Other DX heard was VP6TR LULDA CTLAY HCLFG VP3THE TIAAV.

Harold E. Burstrom Our Cleveland Listening Posts seem to be getting "hot" on the "Ham" bands here lately and our friend Harold has gone to town with a few nice catches which he lists below, Ed. K6BNR K6KMB HR5C TI2MMCH CPLAA HK1FG LU5CZ EA9AH and COLJK. Nice work.

Boris Kozel, Editor Your Amateur Editor is still rebuilding his "rig" and in fact does quite a bit of experimenting from time to time so naturally does not get into much correspondence with other amateur operators. If any of you NRC Amateur DXers have any questions you wish answered or any problems you are "stumped" on why don't you try and contact me and I'll be only to glad to help you out. Come on gang and let me hear from you send me some reports and let's see if you really want an Amateur Section in the NRC. Your response has been most discouraging to say the least so far. Hoping to be extended the courtesy of a "FEF" reports from you other NRC members with in a few days and also for your suggestions, comments, criticisms etc I am, Your Ham Editor, Boris Kozel. (Operator of Amateur Station W8MMQ, Cleveland, Ohio.)

Interesting Articles OUR MEMBERS TELL ME - Arthur J. Parfitt, Cleveland, Ohio

KILOCYCLES This term is applied to the frequency of a wave. A cycle is one complete wave. When we use the term KILOCycle we are speaking of ONE THOUSAND cycles or waves. If we have a wave or carrier on say 500 Kcs we have 500,000 waves a second. If a wave on 1500 Kcs we have 1,500,000 per Sec.

HOW TO CONVERT KILOCYCLES INTO WAVE LENGTHS. The speed of a radio wave is said to be equal to that of light, which is 186,284 miles a second. This would be approximately 300,000,000 meters a second. If we have a radio wave that is 5000 mets long, it will have a freq. of 500,000 waves a second. This is a frequency of 500,000 waves or 500 Kcs. Now if you wish to change this frequency into meters you will have to divide 500 Kcs into 300,000 and you will get 600 which is approximately correct. Or Take the station on 1500 Kcs and divide 1500 into 300,000 and you get 200 meters. This is approximately correct. The correct answer is 199.9 meters. THE RULE IS Always divide the frequency in kilocycles into 300,000 (the accepted speed of radio waves) and you will always get the wave lengths in meters. You can also reverse the rule and divide the meters into 300,000 to find the frequency in kilocycles A. J. Parfitt.

They tell me that 16,000,000 tons of rain fall every second on the earth, and that the same amount is changed every day, by evaporation, into invisible water vapor of the air by the sun each second. Should this condition cease the earth would be covered by a bout 2 feet of water.

Spores of plant diseases have been found two miles up in the air. (High Flyers!)



\*\*\*\*\*  
 \* A. J. Parfitt THE BUCKEYE OBSERVER Cleveland, O. \*  
 \*\*\*\*\*

WE SALUTE XEDF  
 THE WORLD'S MOST UNUSUAL RADIO BROADCASTING STATION IN MEXICO

On December 7th 1937 this Observer logged Radio Station XEDF on 810 Kcs from 1:54 to 2:02 AM EST reporting his reception promptly. In a very reasonable length of time a verification was received along with a very nice letter giving some very important and interesting information about this little 75 watt station which I am going to pass along to the National Radio Club Members. A. J. Parfitt.

"The transmitter of XEDF is located on the outskirts of the City of Nuevo Laredo, Mexico. The frequency assigned is that of 810 kilocycles and the power used is approximately 75 watts.

The management and personnel is all in the hands of the young. They are all experienced and consist of the following. The Manager, who is also the owner, and announcer is only 18 years old; the official announcer is 20 years old, the assistant announcer is also 20, and the station operator is 20, also.

At the precise time you were listening to XEDF we were transmitting the traditional Christmas parties, or what we call here in Mexico, "posadas", from the Casino of this city by means of remote control. Our theme song is entitled "Cuerdas de mi Guitarra" or "Strings of my Guitar" written by our great Composer Augustin Lara.

We are enclosing pictures of the microphones over which our radio artists broadcast. And we are sorry to advise that we can not enclose any photo's of our transmitter or plant as we have none at present. We all wish you a Merry Christmas and a Happy New Year."

Ruperto Villareal, Mgr.,  
 Radio Station XEDF,  
 "The Voice Of The Rio Grande"

Thank you Mr. Ruperto Villareal for your good wishes and may we in turn express our sincere felicitations to your staff, your station and your self. May the DX reports continue to find their way to your station and may your listeners be ever on the increase. May we hear from you frequently and advance notice of any or all early morning broadcasts will be appreciated and publicized as much as possible.

Respectfully yours,  
 Arthur J. Parfitt, President  
 National Radio Club.

\*\*\*\*\*

M	WTAW	M	WKBN	M
M		M		M
M		M		M
M		M		M
M		M		M
M	DEDICATED TO THE NATIONAL RADIO CLUB !	M	DEDICATED TO THE NATIONAL RADIO CLUB	M
M	3:50 to 4:10	M	5:20 to 5:40	M
M	1120 Kcs. College Station, Texas	M	570 Kilocycles Youngstown, Ohio	M
M	Jan 11 1938	M	Jan 12 1938	M
M		M		M



## A RESOLUTION

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Another Year has rolled by, Many of our wishes have materialized, while others failed. We are starting on another mile stone and make plans and resolutions.; with hopes to make things better in the New Year. To all who have so generously helped me I express my sincerest thanks and appreciation; No matter how good a Club may be, with out the help of the members to keep us posted of the many changes and new stations, we would be unable to do this alone. So I urge you, those that are guilty of twisting the S.W. Dials, to send in a report on your reception regularly. This need not be looked at as a matter of self glorification, but to actively help fellow members by passing the news along. Sometimes we had to be a tryro in this DX hobby, and with this in mind I list all stations heard, near and far. So come on you Short Wave Fans, start out the New Year right, by making a resolution that you will pass on the Knowledge to help others. Send your reports to Ann!. Dont wait until you have logged M A R S , Just send in a list of WHAT you hear, WHEN you hear it, and HOW you hear it, Give notes on Station Slogans, - Changes in Skeds, and other interesting items, Things that will help others in their DX'ing. For a better and bigger N.R.C. I remain with all the best wishes, and thanking you in advance for your active support.

Fraternally yours,

Your Short Wave Editor, ANN!.