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RAY B. EDGE. EXECUTIVE SECY - BUSINESS ADDRESS BOX 63, KENSINGTON STATION BUFFALO 15. N. Y.

ERNEST R. COOPER. EDITOR "MUSINGS OF THE MEMBERS' 438 EAST 21st ST. BROOKLYN 26. N. Y.

PETER V. TAYLOR, EDITOR "international dx digegt" (SEE QRA ATOP DIGESt section)

Volume 30 - INumber 13
Our Thirtieth Year
December 22, 1963
MERRY CHRISTMAS TO ASI!
From NRC's DX NEWS, may we extend to each and every one of our loyal members our very best wishes for a very Happy Christmas, or a Happy Chanukah, and moy your holidays be filled with everything pleasant - including DX!
_D_X_e_s_ -a_n_d_ -T_E_S_T_S_

| e. Dec. 25 | PJA 6 | 905 | Oranjestad, Aruba 10,000 | 12:10-1:00 | IRRC/NNPC |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mon. Dec. 31 | W K F E | 1550 | Yauco, Puerto Ricd 250 | 4:30-5:00 | N R C |
| Mon. Jen. 7 | CJMT | 1420 | Chicoutimi, Quebec 1,000 | 3:00-3:30 | INRC/CDYS |
| 7 | CHLO | 680 | St. Thomas, Ontario 1,000 | 3:00-4:30 | IRC/CDXC |
| 7 | CKNB | 950 | Campbellton, New Brunswickl,000 | 3:30-4:00 | ITRC/CDXC |
| 7 | C B. I | 1140 | Syäney, Nova Scotia 10,000 | 4:15-5:15 | INRC/CDIC |
| Thus. Jan. 10 | CBAF | 1300 | Moncton, New Branswick 5,000 | 4:00-4:30 | WRC/CDXC |
| Mon. Jan. 14 | WA GM | 950 | Presque Isle, Maine 5,000 | 4:30-5:00 | NR C |
| Mon. Jan. 21 | W $\mathbb{N B S}$ | 1340 | Murray, Kentucky 1,000 | 1:25- 1:40 | $f / \mathrm{c}-\mathrm{NNRC}$ |
| 21 | CFOX | 1470 | Pointe Claire, Quebec 10,000 | 3:30-4:00 | NRC /CDXC |
| 21 | WBUY | 1440 | Lexington, Worth Carolina 1,000 | 4:00-4:30 | test-Natr |
| Sat. Jan. 36 | 12 D | 1000 | Tauranga, New Zealand 10,000 | 5:00-5:07 | NZDXRL |
| Sun. Jan. $2^{\text {ry }}$ | CKOV | 630 | Kelowna, British Columbia 1,000 | 2:10-3:30 | NITRC |
| Mon. Jan. 28 | - K R 0 | 1370 | Longview, Texas 1,000 | 3:00-5:00 | N R C |
| 28 | C B A | 1070 | Sackville, New Brunswick 50,000 | 4:00-4:55 | NTEC |

## TWO DX SHOWS TO IISTEN TO!

PJA 6-905. "Radio Vietorianwill present a Caristmas Carol DX Program on Cirristmae Worning from $12: 10$ to $1: 00$ a.ll., E.S.T. for the National Radio Club. We are sorry we didn't have this info sooner, but we hope many of you have received notice in time to listen in. PJA6 is run by the Evangelical Alliance Mission, and is a Gcspel station, using Dutch, Papiamento, Spanish \& English. Chief Engineer Charles 0. Jobes would appreciate tqpes of his DX broadcast if you have such equipment. Be sure to try, for this station packs a real wallop! Info from John Tweedis. All the address we have is PJAG, Radio Victcria, Oranjestad, Aruba, Netherlands Antilles.

W K F E - 1550 On Monday, 12/31, WKFE will put on a special half.-hour DX program for the NRC. They will use band music or other "up-tempo" music, plus some tone and possibly Morse Code station breaks, and they mention names of various members on the air. 1550 should be completely clear for this 250 -watter, and we hope that everyone will have good luck in receiving this station. We wish to thank their Manager, irr. Charles Cordero, to whom reports should be sents for his wonderful co-operation with the National Radio Club. Remember, celebrate Now Yearis Eve early by tuning in HIFFIs DX broadcast for the NRC! Info is from Chairman Norman Pillsbury.

Ex-NRCer of Two RegedegdAco Dead
From Frank Wheeler of Erie, Pa., via Ray Edge, we learn that Max Dermling has passed away. He was one of the early NRC gang from Erie, and you old-timers might recall he and his brothers operated a grocery store at Parede \& IIth Streets in Erie, Pa.


S Spencer Shiraishi,
Carl F. Hallberg, VP W. G. Roach, CE

Worris M. Ming, CE
John L. Moore, P, GM
James.I. Girn, CE
Vincent L. Hoffart, CE
H. William Koster

Larry J. Gardiner, TD
Charles E. Neer, CE
J. A. Brunner, E

Joseph J. Milles, CR
William Mende, P
950 K AmH I
W PfTE IT
970 W M A. Y
1010 C FqR B
1050 CHUSi
1100 K FqA X
1150 CK SA
WGDR
WI I in $A$
$1170 \mathrm{~K} \mathrm{CaB} Q$
1220 Q T Y
W L P 0
1230 W NT B
1250 K Deir I
W L Y B
1260 NT D R
1270 WT S N
1280 W S U X
KMAS
1290 W I R I
1310 K ApR A
1330 W E S R

## R. Lavoie

Curtis W. Shaffer, CE
R. E. Sheetz, CE
D. E. Reifsteck, CE

Walter J. Stiles, $P$
Brooks Fussell, GMi

1550 W I90 U
V GAD
1370 V: K L E
K PfO R
1380 KhG MfS
VBfz I
KCII
1390
1400
K J
1410 KQV
1420 K P E P
KYNG
WK PR
1430 W NJ R
W I L
1470 WT T R
1490 W MirR $F$
1540 K CfU L
1550 K DrA B Stanley T. Ransoit, C C
$\mathrm{K} U T \mathrm{~T}$
VISAO
1560 KmW CfO
W S D C
1570 W CqL E
1580 K PpO N
1590 W AqK R
KETO
1600 W K W F

* 570 W SYR

Joseph M. NicClain

Robert W. Moody, GI, DOE K
Donald R. Nelson, $0, M \quad P$
Logan T. Waterman, CE C
Casey A. Heckman, GII M
Jerry Johnson, CE 0
Frank A. Dieringer, CE C
J. K. Hughes

William J. Gilmore, CE E
William Nicholson, PD A
Sandy Rhoads
Richard R. Stoudt 0
Aaron Kaplan, ESu D
David R. Klerm, PD E
Rus sell H. Mírgain, II, CE G
K. G. Cailahan, CE B

Jerry Marr, CE
Jannes Johnson, CE E
Charles Callaway, II Hin
Ben DeKinder, CE
William Shreve, Gi
Mel Rodger, CE
Don Churchell, M
Irwin L. Knopp, C
George A. Edgar, Sii
C. R. Lowe, CE

M
M

C_R_E_D_I_T_S_
A - J. Critchett
B-P. Rizzo* J - T. Weiser
C - T. Colthurst K - R. Hariman
D - R. Karchevski L - R. Pietsch
E - D. Ored M-E. Johnson
F-R. Johanns N - C. Rader
G-E. Kirschner $0-\mathrm{K}$. Lyon
H - Hal Williams P-F. Earens

ON THE STATION'S STATIONERY - WELF-1330
Dear Mr. Cooper:
"Nust apologize for the late sign-on for our special DX test on Sunday December 2nd. The truth is that we have a time clock on the filaments and no one thought to set it up for a good warm-up period prior to the test. Not being an engineer, our man needed help and it was until 4:30 until 2e could get on the air. We have received reports from as far as Illinois and Michigan to the West and all over Canada going North. New York and itev Jersey also had good reception and, of course, Pennsylvania gave lots of response.
"I was most disappointed that we were unable to get on until 4:30 or so for I believe our response would hate heen much better. As it was only about 30 reports came in. "In light of the late sign-on I have scheduled another test for Sunday Decenber23, 1962. In all of the verifications we sent out we tolu each person of the new up-coming test and ask if they would help spread the word. Time is again 4:00 to 5:00 a.m. "Again, we would like to have you call us collect and say "hello" to all of your club Members via WBeeper." Reason for your unanswered call naturally, was that Joe Allisor was on the phone with our engineer.
"I'll reviev the letters and send you any names of persons writing in not belminging to NRC. Thanks again for your co-operation and suggestions."
-Sincerely, (signed) John W. Eschbach, General Manager.
This letter was received here in Brooklyn on 12/18, and unfortunately the program will have been broadcast by the time you receive this DX NEWS. Thanks, Mr. Eschbach! -ERC

Doug Norrey - 2 PT Portland Streat - Danmouth, Nova Scutia
I thought I should bring Maritime developments up to date. CKBC is now on 1360 with $10,000 \mathrm{w}$. CBH is on 860 with 10 kw also. CEDR or better known as "CTH Radio" is on 790 with 5,000w. They are prestnly on a daytime basis until CBY moves from ri90. They will then operate fulltime. Their hours of operation now are 6:45am to 3:30p.. EST. I was talking to their engineer today $\&$ he has an interest in ham radio $\&$ is interested in DX. He mentioned having a QSL card printed in the near future. They have a beautiful new modern station with modern expensive equipment. Their progranoming is primarily good mx. They have two towers but I do not know what stations they protect, obably CKIR. DX here has brought me WFAU-1340 DX, KIEG-1510 TEST, WCDS-1440 TEST, IEF-1450 DX, WDEA-1370 9:30am 12/2, ZBNE-1340 5:05km EST 11/30. I em having a ball 11340 since CBH has gone. Veries back from DXes are very slow with only one back from three I heard $10 / 29 \&$ none since then from seven or eight reporis. All who are wiating for a letter from here, please be patient until Christmas holid ys as I write final exaras on the 14th. 73 for now.

$$
\text { Ev Johnson - } 50416 \text { street - Mendota, Illinois }
$$

DX has been great here with 40 reports sent out since ll/1. All TESTs have been heard with the exception of WXIV WFAU WYSI KSHA. None of the NNRC DXes heard here as graveyard frequencies out here have just too many ANs, Other DX: $11 / 5-$ KYSS-910 r/c. WIMA -1150 RS C 5. 11/11- WEAQ-790 RS. 11/12- WSEL-1440 ETE. WTND-920 s/on 5. WSAO-1550 5pm. 11/14- WPAR-1450 r/c. 11/19-WPOP-1410 AN. WEAS-900 r/c. 11/22-KSKY-660 s/ofe © $6: 30 \mathrm{pm}$. 11/23- MMBK-1620, Ottawa, Ill, on AN, must have been someone having fun for Thanksgiving weekend, not heard since. Also 11/23, WCLE-15\%0 test 3:30am. IIce QSL card back. 12/l- ZFBl-900 in real strong, Voice of Bermuda, St. Georges. KMPR-680 ex -KNBC, KOOL-960 s/off o 2:58. 11/26- KMOR-1510 s/off 1:55. All TESTs haard. 12/2WBIF TEST great but not on till 4:30. 12/3-KAST-1370 RS. WRYM good. KAII-370 Hono-
 3:15, not as per list. 12/6-WCIV-1550 RS $06: 30 \mathrm{pm}$. 12/8-KVPH-1550 r/c but on 1-1: 15, not 1:15-1:30. KELR-1460 test @ 2-2:15 so another report sent - did not verify 10/29 TEST. Never heard of KGIN-1530, Georgetown, Tex. on for ETs 2:15-3, not in CPs list. 12/5- YYOU-1550 test 2-2:10, also another tester on 1550 sounded like VIQN. WAAY is strong here. WYOU did not verify my $9 / 30$ report. Thirty-four reports out since $9 / 1 / 62$ not verified, so should get lots back soon, hi. Veries here since 11/1 are from WBEY-590 WESR- 1330 WHN- 1050 KALF-1510 WPTN- 1550 WIMA- 1150 WEAO- 1550 TISEL-144 0 KYNG-TEST WCIE-15\% WYOH-TEST KBGO-1580 WGAD-1350 WSDC-TEST \& WBZI TEST. Total here, 2,361. Wishing you the very best in DX. Sorry the $12 / 1$ stencil for DXDD did not arrive on time at Buffalo but I sont same time, Wednesday. Good DX. 73 s .

$$
\text { Pete Taylor - } 1906 \text { Santiago Street - San Francisco 16, California }
$$

DX has been quite good fyom the new QRA \& definitely not limited to foreign matter, you might say. KPOR-1370 \& KSHA-860 have been logged recently on TESTs, the latter thanks to $\mathbb{N R C e r ~ B a r t ~ C r o n i n . ~ I t ~ s o u n d e d ~ t o ~ m e ~ t h a t ~ t h e r e ~ w a s ~ s o m e t h i n g ~ e l s e ~ d i g g i n g ~}$ avay under KSHA, but it was unreadable even after KSHA went off. Jope most of you got it. On 12/4, KRZY-1580, Albuquerque was ETing vith mostly cw with WCLS QFM after 4. Didn't hear KBGO, but imagine they were in there somewhere. For those of you tho avoid foreign $D X$ because of linguistic difficulties, I would mention a couple of available juicy items. "Radi8 Moscow" Far East Service has EE NX from 4:30-5, MM \& other mornings on $1250 \mathrm{kc} / \mathrm{s}$. Also, on 12/3, $2 \mathrm{CO}-1020$ was notted from $3: 45-4: 28 \mathrm{~s} / \mathrm{off}$ with pop tunes till $4 \&$ then a religious program from 4 to s/off. KGBS was off, which I hope will happen often enough for many of you to get this station. Bill irittler's let ter in today 12/8, reports ZCO reception the same Aff \& time. For the first time from the new QRA, I thought $I^{\prime} d$ see what was happering on the daytime dial, \& a few surprises poppod in. KAGO-1150 Klamadh Falls was in S 7-8 allthe way around noon PST, which I thought was unusual, until I got 30 minutes wirth of KGAY-1430 in Salem, Ore. 12:45-1:15PST with KALI QFM. So the den here seems to have potential in some directions. I hope you all have a most pleasant Holiday season \& a safe ong at that. 73s. Ralph in. Johanns - 11 East Chippewa Street - Buffalo 3, New York
V1 \& colorful Cim by Geneviove, the CE's S at CKLM-1570. WKYM-TEST good; KSHA-TEST fair \& foreign QRM. Heard 12/7- HJED-820 (WGY-810 offiFridays) La Vos del Rio Cauca, musica Colombia y programa colmatores, strong 3:15-4:15, WABG-960 r/c-M. 12/3- R/c-TI



DX good for a Saturday, 12/8-3:33, CJOC-1220; 5:02 VQ0K-1440 not lasting too long; 5:58 WAAY-1550 real weak \& fading fast. MM $12 / 10$ also a good moming. 3:O7, CKLG-730 s/off beneath $\mathbb{K} Q D$ I thibk; 3:25 KSVC-980 r/c per new list. Thanks Larry Godivin! 3:36, WBUC-1460 TEST NPRC in real neat on the clear channel. W. Va. becomes State $V_{4} 40$. KICY850 @ 3:51 with religious programing \& NX @ 4:00, \#2 from Alaska - hope it veries! 4:22-CKRC-630; WSPA-950 @ 4:58 having a rough time; KCBC-1390, heard just before them 4: 4:38. The other TESTs, ah yes - 3:00 found KFBK still on 1530; CKY-580 asking for phone calls with cl mx undemeath. Guess this was CKUA? KLEO-1480, unn but unveried definitely not on. WHAR \& WXYJ-1340, aw well! An eagerly awaiting XEYC-1460 \& KPDN1340. Other DX: 12/4-KZON-1190 in SS, EE ID around 10:00 mm . VOA-1180 in nightly, not much bother from KCEQ splatter; VOA-1040 alternately with WHO. 12/12- IIIRV-1510 (thanks, J. Critchett) m 7:40pm with cl mx. Recent veries: WGY-810 KALF-1510 v/gs; WFMJ -1390 \& XEGN-950 $\mathrm{v} / 1 \mathrm{~s}$. XEGM obtained by myself in visit to offices in the Bank of America Brilding, San Diego 1, Cal. Letter out to XeNO at the Park Manor Iotel, San Diego. Be at Denver for the decollation of "the noise" (not you, Frank W., the other noiso). No matter when you get this, Merry Christmas \& a DX-filled Happy Neiv Year. 73 Larry Schwartz - 4819 Atlanta Drive - San Diego 15, California
The NOISE appeared NM lz/l0, but not as heavy as usual! I was able to get some DX. I heard a Jap onlO70 mixed with HJCG which I believe is JOPC. WBUC- 1460 had a fantastic signal from 3:37-3:45. They played soft mx selections \& IDed as "This is WBUC, in Buckhannon, $\mathbb{T}$. Va. conducting ETs." At 3:53 noted a strong IA on 1170 on CST. However I wasn't able to catch an ID. Who was it? JOKD/JORB-1370 very loud from 3:58-5:00 with all sorts of programirg. Report sent to both Japs heard. Finally heard CKUA580 very weak on what they called "Project DX." They were torn apart by CKY \& barely readable. Heard them at 4:25. 12/14, in the evening, noted KALF-1510 on a test at 8 pm ! Since when do daytimers test in the evenings? KMM-1510 unn noted with s/off at 7:45; KVLV-980 unn s/off 7:30 with SSB. Verie total now 488 with recent veries from: KODI-1400 ITEOS-1290 (from July) both $V / 1 \& v / f$ from KPOR- 1370 \& a miserable form from KGON-1520 after three reports. They are AN, off some M s. Someone must have a $\mathrm{v} / \mathrm{s}$ for KSAL-1150; $\infty$ me on guys, HELP! So till next report, 73 \& best to all.

Skip Dabelstein - 12524 C Street - Omaha 44, Nebraska
DX is starting to get good. Since last time my DX is: $11 / 17-\mathrm{KTER}-1570 \mathrm{~s} / 0 \mathrm{ff}$ © 6:30pm. On 11/18- KSIW-1450 @ $9: 00$ WIta "Evening Serenade." 11/19 brought WNBS-13.40 fic-TN @ $1: 33$; KMAF-1600 s/off@ 6:30 m. On 11/20 KMDO-1600 s/off @ 6:15 was heard. 11/22-KWED-1580 s/offe 6:31. 11/24- WKNX-1210 heard © 7:35am. I really logged a lot on 11/26. KEZU-920 TEST@3:10, KIFG-1510 TEST @ 3:30, WBZI-1380 TEST @ 3:35, WHTC-1450 testing © 3:53, KSWM-940 TEST © 4:03, WCDS-1440 TEST @ 4:10, WVOH-920 TEST © $4: 30$, WJOR-940 TTET © 4:40, WMHI-13.70 DX @ 4:46 \& WIOCC-1450 s/on @ 5:00. 12/1- KAGO-1550 @ $2: 00 \&$ KYA- 1250 © $3: 55$. 12/3-KGMS- $1380 * 3: 00$, KGWV-630 f/c $3: 11$, KDBMí800 f/c © 3:88; WRMM-840 TEST @ 3:31 for State \#44. 12/9- KDIO-1350 test m 1:25. Does anybody know where WWHY-1470 is? (Huntington, W. Va. -ERC) Also where is WIOV or sonething similar to that on 1230 ? Veries received since last time are KYNT WSEL KOKA YACM VICY KTEL KUXL UNBS KRFO KSWM WKNX KSIW WVOH WMHI WHTC \& KDON. When the KSHA TEST was on, my alarm went off \& I got up, but I said "What am I doing up? There aren't any DXes or TFRTTs, it's Tuesday!" so I sent back to bed \& the next morning I got up \& found out what happened. Well, I hope therefs good DX for all. 73 s .

## Bemie Duffy - 7 y Livermore Avenue - Staten Island 2, New Yorik

My latest veries are a v/l from WDXB-1490 Chattamooga, Tenn. \& a printed card from WVOH-920, Hazelhurst, Ga. 12/10, I added these stations to my heard list: IMAM-1530, Butler, Mo., FBUC-1460, Buckhannon, W. Va. \& WXYJ-1340, Jamestown, N.Y. The first two came in excellently, the latter at least dominated the 1340 hash. I've now hoard 2870 in 34 years of DXing. That's not so many but at least the hobby is as satisfying now as when I began.

Ed Drumm - 14 Dale Road - Wethersfiela 9, Connecticut
No now DX but I would like to eay a few words on this editorship business. I have only been a Club member for a short time but I can eee that Pop Edge has given much more service to the Club than is expected of him. Therefore I must stade with our Executive Secretary on the limitation of the bulletin. I wish a Merry Christmas \& a most Hex New Year to Ray Edge, Ernie Cooper, Pete Taylor, Ev Johnson \& to all of the many members. So long for now.

Just a note to tell you that PJA6-905 will put on a DX for NRC/NNRC on Christmas moming 12/25, from 12:10 to 1:00 am EST. Christmas Carols will feature the DX. Charles 0 . Jobes, CE, would like to get some taped reports if possible. However all reports ill be welcomed. I tried to get him on later but no soap. Figured that the mil boys ould have a better shot with a later time. Best I could do. A pretty poor season so ir here as I mast be listening at the wrong time. Did get my first rew TA of the saason in RTT, Tunis, Tunisem 962 with a 20 minute report. Of the tests $I$ h申ave heard and reporte WCDS KIFG KSWM WJOR MBIF KMAM. Was looking for KLEO but am afraid he did not come on. Also did not hear WXIV on the test. Best veries sd far are HRVS-925 PRH9-84C WWW-1520 KSMM-940. Saw your v/s for TILX-725 so got a report off to him. iTo answer yet. Did report TILX on two otner occasions but no answer. UnID on $763 \mathrm{kc} / \mathrm{s}$, an SS , mentioned iexicali a few times but hava no listing for him. Got a good log. Antigua almost every evening but after three reports to him am a bit backward in reporting again. There werse always two VOUS stations, one at Argentia \& the other at Fort Pepperell, both 50w. WHJC-1360 will f/c for NNRC on 1/29 4:28-4:45am EST, plenty of IDs \& IT, Kenneth Bickford, CE. This would be Sam Simmons' station he asked about in $12 / 8$ issue. WHJC-1360, Matewan, W. Va. A Merry Christmas \& a Happy New Year. Joseph Fela Jr. - 102 Hawthorne Avenue - Newark 12, New Jersey
Veries are in from: v/ls, WAGM-950 DX, CMCA-730 (a bit vague, after 2 1/2 months), WSAO 1550 WRYM-840 TEST; v/qs from KSWM-940 (home-made) \& WCED-1420. Totals are new "95 heard, 316 verified. The daytime skip is so good it is even surprising me. Being heard (in broad daylight) are CKBV-1000 VIBC-10\% (like a local one afternoon around $z^{\prime}$ CHFI-1540 (topping all for over an hour around 1 mm one day), WTHM INCTY-1530, 'IS-890, KDKA-1020, WSAY-13\%, WNDR-1260 \& more yet. Some of these come in better (at times) in the daytime than they ever do in the nighttime! To more of the usual varie ty of DX: 12/3-KNX-1070 blasting in around 1:10am; 1:3 = KXLF-1370; 2:10 s/off WCED-1420 on late for hunters, 2:35, unn KXLY-920 good; 2:59 KNBR--680 for new call, $3: 35$ WRYM-840 TEST; 3:46 CHRC-800 DX; 4:02 WTRN-1340; 4:10 WWCH-1300 on for hunters, mentioned NIC DX thoy had for us last year, 4:30 VOUS-1480 s/on as usual. l2/4- Got up for KSHA-860 but a thick fog (visibility less than 100 feet) put an end to any DX. A rather bad noise all along tie band. Guess the fog had at least something to do wi th it. 12/9-VDBJ960 s/on $5: 59$, WAAA-980 s/on at 6. 12/10-1:34am, KXLF-1370 better than previous week. 2:00, KFI-54, with a perfect signal, 4:07 CKCK-620 good for a few minutes; 4:21 WMCA-570 off but a strong WKEN with WMCA-like sidebands (meaning much splatter onto 560/580), KiONL 560 at 4:30 despite WQAM; 4:40 WXIJ-1340 DX but with much QFM; 4:55 s/on WING-1410; 4:58 s/on WEZJ-1440, \& then a bunch of s/ons at or around 5:00: WHKY-1290, WEEL-WISH-1310, WMUU1260 WHBG-1360 WKCW-1420 \& WHIO-1290. No KIEO-1480, all KEOX. CKUA-580 impossible with that QEWi there, all WGNI-TT during WHAR-1340 DX (Did this one go onf) 73s. Steve Chudoff - 9220 Eurbank Road - Philadelphia, Dennsylvania
New logs include: 12/2-WELK-1010 Charlottesville, Va. © 7:17am over WINS, TISI-900 Pikesville, Ky. © 7:43am before WFIN s/on. 12/3(MM)-WFRA-1430, Franklin, Pa. © 4:44 am with NX of start of deer season, WJOY-1230 Bennington (announce as Burlineton) Vt. s/on @ 5:03am, WKRK-16y ik wurphy, N.C. @ 5:000m s/pn, WDAK-1350 Darlington, S.c. 5:32 s/gn. Also SS noted $12 / 3$ night on $785 \& 795$. No DX through week - exame. 12/9-CBK 12:30am, TFI INXX KING KNBR KPMC. WCs noted in around 12:30am. CKRC-630, Vinijpeg, Man, noted AN, CHEC-1090 Lethbridge, Alta. © 12:50 noted under KING. KTOE-1420 Mankato, Minn. s/off a 1:10am. First TAs this year heard, 944-France a 1:30\& 1376-France © $1: 37$, botir briefly, KSTN-1420 Stockton, Cal. 1:30 rr; KXLF-1370 Butte, ont. (new state, \#46) - 1:40 "Radio XL." KGER-1390 Long Beach, Ca1. (2:50. KDON-1460 Salinas, Cal. @1:50. Tho was Cal. on 1480 @ 2am? KXIY-920 Spokane a $2: 20 \mathrm{rr}$, KMON-560, Great Fral 1s, Mont. © 2:33am. No ted SS 121.5@2:42, KMAMi-1530 Butler, Mo. 3:05 TTST (no sign of other sked DXes). CBU-690 Vancouver, B.C. @ 3:08 WX. Thought noted IVNA-690 Flagstaff, Ariz. © 3:C8 but not enough for ID. Also who was under VPAT around 3 zm ? Also brief sounds from KORL Honoluly 0 3:57, sent report. Also noted WMBS-590, Uniontown, Pa. on early.

Kenneth Lyon - 8028 Tonawanda Creek Road - R.F.D. 5 - Lockport, New York
Greetings from the Enchanged Forest. $M y$ DX is rocxin' \& rollin' with new stations. 12/8-WFST-600 TT 12:08-12:17am, WATS-960 TT 12:32-12:41; CBK-540 boomed through 1:007:19an, WIDOR-910 5:04-5:16m with Santa Claus Program, hi, \& s/0:f; CKAC-730 (Page 6) WKJG, KRNT but not enough for report. New veries include VSYR-570 WVOK-690 (State \#32) WBAY- 1360 nice QSL, VIRL-1290, KCII- $1380 \mathrm{f} / \mathrm{c}$, WKPR- $1420 \mathrm{f} / \mathrm{c}$, WEAN-790 nice $\mathrm{v} / \mathrm{I}$. Contest points now at 16 vith two now veries, WEAY \& WEAN. Everyone coritribute to Nusings \& let's keep these issues bulging. That's it from this wind bag until next issue (I hope). I Wish everyone a Merry Christmas \& a Happy New Year. Remember, Buffalo : 64: Paul Bartoz - 829 South Brainard Avenue - La Grange, Illinois Hi everyone! This is my first contribution to DX NEWS \& after reading some of the fantastic totals of stations logged \& veried some of the members have racked up I really feel like an amateur. Wy total of 160 logged looks puny in comparison. But I have to take into consideration that I have no outdoor antenna whatsoever, which is inexcusable, I supose. I'll have to get one up as soon as I can. How good is a simple wire antenna string around the house or across the yard? I don't want to get elaborate! Anyway, It m proud of many of my catches, considering the circumstances. To wake things worse, I haven't been verifying previous to joining the Club - I always figured if I knew I'd received them, that's all that really mattered. Now I want to collect them, \& have to waste many hours picking up program info on strong stations $I^{\text {t }}$ ve been listening to for years, \& I could kick myself. Now to DX. Dia anyone notice the horrible $D X$ on 12/4? $C X$ so bad here if anyone in Midwest picked up anything worth while that night I'll be surprised. Improved after 10, but not much. Tip on KGLC-910, which I kndw several are "out for" - during summer, Card baseball from WC starts llpm EST \& s/off runs later than usual. Last year extra inning game ran five hours (4am EST) \& indiy logged this one. Save this one for those slow montns. Some info on Chicago locals - program policy, brief skeds, addresses, etc, times EST. WLS-890 rimx, 360 N. Michigan Ave., Chicago, 50 kw , Top 40 Silver Dollar Survey (Gene Taylor) 4-7:30; News Scope 7:30-3:30, Bob Hale till 10; Dick Biondi till lam. Clark Weber till 7am. Off MM, s/off lam. WCFI-1000 "Voice of Labor", 666 N . Laike Shore Drive, Bob Elson interviews 1l-12pm, Ten Hundred Club till 1:00, Sia McCoy jazz AN, MiN s/off lam, 50kw. WYNR-1390 rr mx except jazz on AN show, aims for Negro market, Yvonne Daniels (wonan annduncer) on AN. Chi's new AN, old WGES, address??. 73s. (Welcome to the NPC, Paul, and we hope to have many more fine Musings from you( -ERC)

> J. W. Brauner - R. D. 1-Box 61-Punxsutawney, Pennsylvania

DX since last Musing - 11/21-WKFE-1550 EE \& SS s/gn e 4:57; 11/22-WMHM-1530 RS @ 5
 QRA that day, set-up itempary skyhook, first logging at 6 mm , new WGLC call oin 1580, WLBS. 11/26-A real DX ball, thanks to our great CPC. KJFG-1510 over S-9 all the way; WBZI faint traces mx back of WBNX, no IDs at all. WCDS fine but unn; KSWM S-6 but easily read on 940; CHEF like WFAU, unn \& unheard; 2FBl-960 S-9 plus, KEZU tough but several IDs heard on 920; WVOH-920 good for fifth new call. WJOR nice too, but umn. 11/ 27-Added KYFO-1280 on ET. 12/3- Brought KVSH-940 on r/c \& WRYN-840 fair to good on TEST. Goofed badly on KSHA - woke at 4:30 n time to near Dowinican s/on clear 360 channel at 5:00am. 12/10, not too good, cold $W X$, full moon usually add up to poor $C X$ here. KMili-1530 very good for new one, no KLEO, weak K-Bor signal, no QRM on it on 1480; no CKUA; CKEY. No sign WXYJ items on 1340, just WGRM etc. VHAR \& WEUC unn. 12/ 9-_Unn but interesting S-7 reception of KGA on 1510 to past 7:30am, no WHEX OKT \& only weak WNLC after 7:30. Re recent nonsense in Musings, sure pleased to see such sound comment on it in $12 / 8$ DX NENS, good straight thinking, fellows! Those who read Pop's item know he laced these "limitations" on size for reasons of lack of time only, not money, yet the first barrage used MONEY as the reason. Now when Pop offers to turn the job over to those who want it done differently, he is the target for remarks about resigning because of criticism. My omly regret is that pop won't keep the job indefinitely. Doubt if anyone will come close to his dependability record. I'd glady pay over $\$ 4$ for $D X$ data, but not even $4 \phi$ for some of this non-DX chatter. Let's keep $X X$ NEWS for Dx: Not personal dirt. 73.

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\text { Art Bjork Jr. - } 31 \text { Lyman Avenue - Meaford 55, inassacnusetts }
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Built myself a BCB DX Booster from a Pop-Tronics article, \& I'm still working the bugs out of it. DX: 12/3- ZFBI-960 3:52am, VFRA-1430; s/on 3:59, WMHI-i370 4:51, VIAB-1370 5:17. 12/10 KMAM-1530 TEST 3)E3: WBUC-1460 TEST 3:38, WGNI-1340 4:00, WKENT-570 4:19, WCHS-580 4:35, VOUS-1480 4:43 (where are they \& what's their power?) WCLS-1530 4:51, YOA-1180 4:59:30 \& WHUN-1150 5:02. KMAM repar ted, WRYM verie back 12/7, v/1, CM. Well, I can't think of anytning else to say, so 73 for now.

Greetings once again from Cape Cod. DXing is still confined to wiv, but results are still above par. DX Noticed WAFE-690 s/off © 5:30 m, unn though. 12/10-CKIII-15\%0 off for a change, but nothing worth while heard anyway. KPMC-1560 noted in the clear till 1:55 s/off, KSSS-740 a 2:30 for a new call, XETRA-690 "Your all news station over Los Angeles" 2 2:45 but also unn, KOMO-1000 in with an S -7 reading \& R-5 most of the morning, KHHI-1550 s/off @ 2:55, KFBK-1530 alsi in at 3:00, XFAI-1320 $3: 05$ with ID as "Radio Ah-Ee". Then another double shot of our 50th State - from 3:10-3:35 ITTRG990 was logged with Japanese announcenł\& mx with a clear ID © 3:30, "This is KIRG, Honolulu, Radio 99." Of course this logging would not have been possible oxcept that WIBG was off for the first time in quite a while. Second Hawaiian of the night was KNDI-1270 with strictly "Good mx" \& announcements. Frequently IDed as "Candy Radio." Logging was mined $4: 58$ though as WKYR came on wi.th the SSB. These two stations now give me a total of six Hawaiians with three verified. Report was sent last week to KAMM-87O \& reports to KTRG \& KNDI were sent out only a couple of days ago. Ironically enough all six are in Honolulu. As a consequence, because of these two loggings none of the DXes or TESTs were heard except for WXYJ-1340 a $4: 15$ with their TT. From what I can see HIU "Radio Caribe" is back on 860. A positive logging nas taken from 4:555:15 with most of the programing being Christmas Carols. A check with HI5U-3322 proved to be the same, so either they've moved back to 860 or another Radio Ciribe outlet has taken its place. That's it from here as far as DX goes, but before I end, there's ono matter on which I want to express my view. Since March 1961 I have been a member of the NRC. This is by no means any great length of time, but in this year \& three-quarters I have found the Club to be virtually part of my daily life \& I don't want to see it fall apart because of misunderstanding between certain members. In my mind the editors \& especially kay Edge are the ones who keep OUR Club on top. Put it is us, the members, who must help \& encourage them \& not to hinder \& ridicule them. There have been numerous suggestions as to what should be one if things come to worst, \& I am more than afraid what will happen if things do come to worst. These ideas should not be expressed until Pop retires in 196名. Until then, let's cooperate! 73s. Chris Manthey - 2130ry Maplewood Avanue - Cleveland 16, Ohic
11/17-CNJT-700, 11:01pm. 11/19-KNBR-680, 3:30-4am s/off, almost like a local, CKRC630, 4:44am RS, CKLM-1570 5:02am RS. 11/20-WVOK-690, 5:23pm, WAPE-69 5:29m sloff CKWM-710 8:30pm FF, 1l/ LZ- KWFT-ozO, 5:02am, s/on, KFI-640, ID 5:30am on Ait telephone show, WCVP-6CO 6am, WICG-600, 6:02. 12/4- VOA-1180 4am. 12/5-CMQ-630, 8 pm SS conciuding a play, WMJ-620, 8:05pm. 12/6-VOA-1040 9 mm . 12/7-VXVA-1550 7:45an RS, YVQO-650 8 Fm , comntry \#6. 12/8-WATE-620, 11:28 pm. 12/10-HJAT-1100 4:01am RS, ID only as "Radio Raranquilla" \& "Radio Reloj," country \#7. WOW-590, 4:05am RS, CIY-580, 4:09am RS, YOPI-1490 4:2l mm r/c-TT, CMEQ-11604:29 am RS, ID only as "Radio Encyclopedia Popular", WAPA-680, SSB/SS s/on 4:45am, Country \#8. I also heard an SS mentioning Colombia often on 820 but I jidn't ID it (gotta save some for next week, hi) is an SS on 810 at that time also. Maybe XEFW, \& if so that would make six different countries logged that morning. Not bad for 45 minutes' wori, hi! 12/11- No school today becaus of the snow, as Friday \& probably tomorrow too. WGiD- 1560 7:44am FS (sound like another $\mathbb{T H K}$, WOOD-1300, 12:05pm finishing NEC NX, mentioned high for Saginaw of 15. Al so another under them but I don't kave any idea who that could be. On that report in the $11 / 10$ AN o lumn of WHK's being off $11 / 6$, I called them the day $I$ got tiat issue \& they said they were off that day between 2 \& 3 or 4 for tests, but no mally are of $f \mathrm{MM}$ 12:00-5:30am only. Also in my last musing ( $1</ 1$ ) I meant to say that book is handwritten $\&$ if aryone wants it send me $56 \phi$ for postage \& I'll return any I doint use. You have until 12/31. Frank W., where are you? I think it would be a fine idea to hola the '64 Convention in Buffalo ir Pop's honor, because he has certainly woried hard for the NRC for many years, \& I think it's the least we can do for him. iTovember set a new record for me in new stations logged with 24 , \& so far this month I have 15 , so I have hopes of reaching 350 before 1/1, with totals now standing at 331/71. Two weeks ago I was ready to tell you all to come to Ohio's "North Country" for your vacations \& enjoy skies \& temperatures in the balmy 60s, but now there's $1.1 / 2^{\prime}$ of snow outside my door \& $14^{\text {a }}$ icicles on the side of my house so I guess you better not, hi. Since WABQ-1540 became "Tigeradio" they are more rr \& less "nn" \& they also use rr for s /on \& off no: instead of SSB. No school tomorrow probably too, so next time I'll have some early morning $12 / 12$ activity to report to you. Till next time 73 , good DX.

I am back for my junior year of college, \& don't plan to gat any DX ione until christmas. Am working Saturday afternocn 1-7 at CKBW \& io a record hop 9-12 Saturday night. That's my present job, as such, but I get \$22 a week for just that, \& that more than pays my living expenses. Jeff S., just got your tape, \& will anewer this weekend. Just called CJCH \& Mr. R. MacWilliams, CE, said he would get Larry's verie out this week. Changes here: ©KEw-iO00 now 10kw. D \& $N$, CBH-860 ith 10kw. \& usual poor "programming", CFDR-790, Dartmouth, on daytime only with 5kw. \& good mx only. I agree with what someone said about asking too much from a station. Most stations just find reports a pain in the neck - they mean nothing to them, \& they cost timr \& money to answer. CKBII, I think, you who have received veries from us will agfee, is one of the more obliging stations, yet for all the reports we receive, all they've done is cost
 long as we get out our 80 aile raius. So we answer reports as a courtesy. However, scme stations, no matter how many pleas, stamps or vioht-have-you that you send, are going to answer. So fellows, please take this hint \& don't ask for everything under the sun. And this is a cardinal rule - never demand a verie. I received an actual threatening letter, such as a lawyer woul send - for a verie, \& it promptly went into the xircular file. Remember, one bad apple.... Next report will have some DX. Glen Kippel, sexd oft a tape. You'll have to open the door - I doubt it will slide under. Foxworth \& Jacobs, are you still alive? 73s.

Andy Fugg - 19 Dunbar Street South - Paterloo, Ontario
New veries are WIVI-970 KOA-850 WDOK-1260 f/up WVOH-920 CJIC-1050 f/up WKRS-1220 KPCA1580 WHTC-1450 WACT-1420 WGAD-1350 f/up. Rx went on blink $12 / 4$ while trying to ID 640 FF as Guadeloupe - no more DX until I'm back in Montreal on 12/21 or so. One exdeption will be WACK $f / c$. This should make it in on pocket transistor set but 12/10 DXes obviously :ouldn't. Sure hope WACK does make it. Pete Taylor- My reporting of HOS22 as 644 was apparently a typing error. Verie says 645 . My goof. 4 VE says 1035 on ver. ie but measurements vary towards 1034. Satan Morss \& Mike King, I'll write you after Christmas vacation. Steve Chudoff: Your 1435 station onll/26 might have been BJA5. Larry Schvartz- I'm pretty sure you got FF CKLM. Bill Stone: See ydu some tirie in Jamary, whenever there's a Toronto CDXC Cnapter meeting. Joe Fela: Foreign progranoming on 1090 around $4: 30 \mathrm{pm}$ most probably CHRS. Rick Devoy: Could your 1240 TT be ZEMI het? Art Djork: WDEW has a QSL; WRVM eventually sends a letter (after several f/ups) \& ditto ZBNI. 73 .

Charles R. Reder - 22 Robert Street - Hemburg, New York
Well, it finally came, SNOF! On the evening of 12/9, about an inch of loose stuff fell. No snow sinci then, but we have been getting high \& low temperatures, both bel. low 100 Cent., no kidding. I am looking fozward to getting home; Euffalo had only 41: ? snow a few days ago, so I heard, hi! I'll probably be at the above adiress by
a you all read this. Now to more important items. Absolutely no DX Specials
s since they started. I hope to get a few during Christmas vacation (12/14-1.
One good catch to report: WLPO-1220, La Salle, Ill. heard on 12/4 with special program from 12:02-12:00am, CST, Juring the power failure in Peru, Ill. Veries received since my last report are: V/ls from WSAO WLPO \& CHUN, with CM forwarded from Harnburg. Several reports out. By the way, I understand my mysterious ETer on 1480 (in ry last report) is the new KCKW, an Jend, Ia. Once dgain, Merry Caristruas \& a very Hippy ivew Year \& 73s.., Stan Morss - Route 3-Bradford, Massachuset ts
After a year \& three f/ups WYPR V/I in from new CE, also VOA card for Marathon-1180, definite. 12/10- WMCA of but WKBN S-8 2:30am. WIBG also off this AM. KMAI-1530 TEST Eutler, 「o. good signal. VBUC-1460 Buckhannon W. Va. 6:36am TEST. WAG--950 Presque Isle ie. test 3:55. WXYJ- 1340 Jamestown, N.Y. 4rm DX fair to real toveh, heard Norm's interview in part. WGNI on top. Veries, ZFBI form, KSWM QSL \& a nice surprise. TDI verie \& CM for total of 3,302. 12/12-WJTO-1290 RS 7am before VACE s/on James E. Hicks - 36 Maine Avenus - Staten Island 14, New York
At the $N$;Y. get-together I discovered several members in this area have trouble getting WERA-1590. I got them \& a $V / 1$ so maybe I can help. "We are a daytime only station broadcasting from 6:30am until local SSS seven days a week. We transiit a figure -8 pattern in a $\mathbb{N} / \mathrm{S}$ direction, using three towers. Our $X R$ is an RCaø type EMA-1R, $1 k$ unit operated half power." Their mailing address is in the Park Hotel Ancex in Plain. field, N.J., Robert Balfour, CE, sent letter. Veries: WCFL WFAA WAKB WGEE WBPRTHTH,

This was one of my wo rst weeks for DXing ( $12 / 3$ ). The only date I was able to log some new stations was on 12.10. Even that date was disappointing. Anyway it was like this. KMAM-153 G Butler, Mo. 3:13; 3:47 WBUC-1460 Buckhannon, Wa. Both of these stations were conducting ETs, \& at 4:19, ZFBl-960, St. George, Bermuda. As of veries, tinere were none this week. I hope no one had such a bad week as I had on the dials, \& I'm hoping to break out of this slump by this week (12/10). Until nextissue, 73s. Frank Wheeler - 6589 Nattsburg Road - Erie, Pennsylvania
Hew ones received are: 11/2- WYZE-1480. 11/5- One announcenent from KHOK-1560; just enough for one announcement through a mage of stations, also WPTN-1550, both on IESTs. A nice verie from WPTN. 11/18-WOHO-1470. 11/19-WCFR-1480 on TEST, alsoa nice verie. 11/26, received four of the eight on. WCDS-1440, KSWM-940, WVOH-920 \& WJOR-940. 11/ 29-WHOK-1320, WAIT-820. 12/3-WRYM-840 on for TEST. 12/8-KVPH $\mathbf{1 5 5 0}$ \& WAAP- 1350 (latter two thanks to new f/cflist). 12/10, of the six on for tests, NRC \& MTFC, received KMI \& PBUC, both new. Wonder if WXYJ could have been on as I'm only about 35 miles away \& couldn't hear them. Naybe snow kept them away from XR as we had over 16" with all schools closed. Total now 2,313 heard, 1,406 veries. I'm enjoying both Contests even though I'm not too far up in the standings. Merry Christmas to all. 73s.

Ben Dangerfield III - 202 Governor's Drive - Sproul Estates - Chester P.O., Pa. Due to a busy sked I've not spent the usual number of DX hours during the past week, yet still managed to come up with interesting fare. 12/8, early AM, CHEC-1090 \& CBK540 were among some strong $\mathbb{W}$ signals before \& after $1: 30$, \& some of the TAs heard well were BFC outlets on $69210881151 \& 1457$. Also a strong tone signal on 1562-5 which could have been the newly reported VOA-Liberia $X R$ with a test broadcast. Later on $12 / 8$ some exceptional daytime signals were noted, particularly on those frequencies from 1030 to $1600 \mathrm{kc} / \mathrm{s}$. This condition continued for several days, \& quite possibly, a prime factor was the snow that covered such large areas of the NE. We got very little here, though. At 12:45pm WGNY was atop 1220 at S-9 plus 10, knocking out tine image from VIP-610 waich is usually there. CKOT-1510 was also $5-y$ at that time. At 4 mm WUFO \& WYRi alternately took out wIIC on 1080 . On lia/y @ $11: 45 \mathrm{am}$, KYW was S-9 plus atop 1100 \& C noon, CBE was in like a local on 1550 . At $12: 45 \mathrm{pm}$ WCKY \& WTMM alternated at topping $1530 \mathrm{kc} / \mathrm{s}$. , both in turn with excellent strength. This reminded me of the stand waged by WCKY about 15 years ago in opposition to WJMJ's being assigned to 1530 ko\$s. They argued on the basis of daytime skywave QRM, \& the FIMJ engineers thought they were rats, but of course finally wouni up on 1540. NWi 12/10 was pretty fair, but was only partially successful on the specials. KMAM \& its band mx was easy $\mathcal{C}$ topped 1530 with $S$ ri-8 signals from 3-3:30. While waiting for KLEO-1480 I logged KWIZ to its 3am s/off. At that time however, KBOX took over \& I never did fina KLEO. A loud buzz after that, so I gave up. CKUA-580 was buried by CKEY/CFRA. Later on $12 / 10 \subset \neq 10 \mathrm{pm}$, TIU-675 "Radio Nusical" was a new one for me, with the usual dominant YND having drift ed to $6 \% 8 \mathrm{kc} / \mathrm{s}$. Veries this week? Ohmy yes! KPOR-1370 for their TEST, VYNG-1590, also a test; KAI -870, for \#2 from Hawaii, \& Radio Caribe, Dominacan Republic. Ronald F. Schatz - 8065 Crespi Boulevard - Miami Beach 41, Florida
Another warm welcome from South Florida's only NRCer. DX of MM 12/10: KLfo-1480 behind KBOX. CKUA-580 out due to QRM from KMJ/CKY. WBUC-1460 in wall. So went those DXes and TESTs as heard here. VOA-1040 is on Dry Tortugas, about 60 miles $W$ of Key West. This explains my only fair reception of them during daylight hours. "Radio Amerjcas" is back to nomal programming now. Their afternoon sked is 12:30-2:00 all in SS. Ny fifth daylight country is trying to get through here. I refer to $4 \mathrm{VE}-1035$ which makes a loud squeal on my BFO. This will be my second daylight split once I get it. I'Il also mention WMAZ-940 can be heard behind local WINZ, but guess when! Thanks for those early Christmas cards. To close up, let me wish all a very Merry Christmas. Duane McMurray - Mequoketa, Iowa
Got the Hallicrafters back in working order but from all indications the Atwater Kent is at the point of no returns. They claim no parts available any more. It certainly is a far better DX unit than the S-40-A. Incidentally, after Pop ran my request for a re-cording diagtran for the S-40-A, I received four replies which surprised me muchly. Hardly expected to receive arnything on it. Had asked the repair nam if me didn? believe he did have. So happened the set went completely dead \& he must have found such a diagram for it came back all fixed. Will be getting back into the swing of things a gain but this set certainly is no BCB DXer's dream. Real good on SW but there I (P.10
(D. McMurray) just listen with no loggings, etc. Think Pop is right in that he only has so much time to devote to the bulletin \& he has certainly devoted far more than his share of time. We would all like to see a 40 page bulletin every month but no one can possibly carry a load like tnat so tnere is only one answer. Hope you have a most Merry Christmas \& a Whoopee New Year with a good year the rest of the year.

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\text { James A. Ioe - } 508 \text { North } 21 \text { Stweet - Omaha, Nebraska }
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Omaha got its first hard snowfall today \& I just spent ten hours on a snowplow getting it off the highway. I'm on call 24 hours for whenever the snow falls \& I'm hoping it doesn't snow on any MN!' I sure hate to miss any of those fine DXes. Loggings are: 12/8- r/c MKID-1580, Urbana, 111. 1:10-1:30am; r/c WJVA-1580 South Bend, Ind. 1:15-1:28 with mx: r/c $\operatorname{TBYP}-1580$, Shamrock, Tex. 1:29-1:30am with tentative ID, any help? 12/10TEST KMAM-1530, Eutler, NO. 3:02-3:15am, RS, CKFH-1430, Toronto, 3:50-4am. TVimI off for maintenance till 6:00. Mistake in last report. KCSR, Chauron, Neb, on for special test before changing to $610 \mathrm{kc} / \mathrm{s}$., Instead of $\mathrm{r} / \mathrm{c}$ as listed in my last fiusing. In verie received today KCSR stated they would be on new frequency within a weak from $12 /$ \%. They will be conducting nightly tests for a few nights from l-5am. Other veries received are WHIC with verie on CM, KNUS v/c plus separate envelope with gobs of literature on Iuskoges \& KMUS. KOTA \& KXEL. As a footnote, I wish to cast my vote for Fay Edge, very fine Executive Secretary, who deserves praise, no criticism. 73 s .

Erinest J. Wesolowski - 1416 Pasadena Avemue - Omaha r, Nebraska
th the first snowfall last week, $D X$ has been much improved. Veries are arriving ster along with the Specials. Latest veries are: WPKY KGAK KXIF-f/up Radio Anericas, WJAZ-q VOA-1180-q KPOR WZZI WWJ WRYM KBGO WIBR WVOH-q KIWA WKSR CKDMiqq KGF. 12/3-WRYM-840 TEST, WPKY-1580 Ky.f/c a $3: 55$. 12/4- WAAY-1550 Ala. RS; KSEA-860 TITST in clear after 3:23. 12/5- WYJ-950 Mich. RS. KOOL-960 RS n 2:15. 12/7-KGAK-1230 N.M. f/c 2:00. 12/8-KVPH-1550 Tex. f/c $\uparrow$ 1:05. 12/10- KMiAmpl530 Mo. TEST in clear; WIUC-1460 TEST W. Va. in cloar; WGUS-1380 S.C. RS $4: 25$. WACT-1420 Ala. s/on @ 5:0i:
 testing for new frequency from 1450 with lodb over $5-9$. 12/15- WQNN-1320 Wis. f/c at 1:45; KENT-1390 N.M. f.c $2: 40$ \& finally CKRD-850 Alita. s/off in clear e 3:06. (receivad here in Omaha 20 times better than in Denver last Easter - how about that, Marv \& Nurray?) D.O. of N.Y., I'll send you some surveys soon. Contest: Kruse of Iowe has 85/0. Fela of $\mathbb{T} . J$. has 85/18. Stone of Ont. has $133 / 25$. Robbins of Colo. has yry/15. Bennett of R.C. has 13/0. Santa Claus of the North Pole has O/O. Happy Nery Years to all \& remember AN stations from SA on $1 / 1$. 7 Zs .

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\text { Fred Barene - } 4032 \text { Burton Place West - Seattle 99, Wasnington }
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The dial was so hot this morning (min la/20) I feel insparea to write a Musing, ily only aerial right now is a wire approximately 201 long running dhe length of my room. One end goes directly to my FX . After reception like this morning with an aerial like that, I'm not sure if I want to fool around with a longer outdoor aerial or not. This location is in a valley in a city, which isnBt the best by a long shot. You FC DXers are of ten mentioning your band being covered with Cubans \& other SS. Well, tiis AM my dial was literally covered with Oriental tongues. A few frequencies by menory are 870 $7508308 \% 9409501000101011501200$ (maybe this one wasn't Oriental, I'm not sure) 12101370 (literally like a local), 1480. There were other frequencies I cain't remember. If only they spoke EE, I'd send reports. On one of the above frequencies I tried to catch an ID \& when they gave it in EE it turned out to be Honolulu. I believt this was $940 \mathrm{kc} / \mathrm{s}$. I was so busy having fun I dian't spend much time writing things down. This was also one of the better mornings for EC stations in my almost seven years of DKing. Most of the Orientals were heard all AM long, so I can hardly write down the exact times heard. Veries since last report are from Kwas- $1280 \mathrm{KYHO}-1300$ KWFS-1540 TYNG-1420 WSAI-1360 KDHI-1250 KVOO-1170 (oversize QSL) CKSA-1150 KFAX-1100 \& KPOR-137O. Reports off to WACT-1420 WFBL-1390 KNDI-1270 WING-1410 \& WGAR-122O. Also logged for the first time was KFRB-900 @ 5:0lam EST. 73.

$$
\text { Donald Erickson - } 24: 360 \text { mers Street - Sunnmead, California }
$$

This is my first report \& I hope to report often. To begin with I will catch everyone up on my previous loggings. I began in May-June of : $62 \& 10 \mathrm{gged} \&$ verified these: KLAC-570 KTNT-590 KTAR-620 KMEN-1290.. I then went to SW when summer came. In August I decided to verify all locals possible so I would be ready for real DXing in November I didn't log all locals but here are the ones I did log \& verify: KAVL-610 KFI-640 XETRA-690 (gives calls \& location in SS only but all programming in EE) KPCM ${ }^{\text {m }}$ (10 (P.11 air but interesting to note White's Radio Log which listed them in Spring 62 didn't list them in Fall 162. Should be indicative of some thing); KRKD-1150 KCBQ-1170 KRNO1240 (were off air in mid-November because of fire - arson suspected. Back on 11/22); KGIL-1260 KIOX-1280 KBUC- 1370 KWIZ-1430 KASK-1510 KPOL-1540 (TNSP) KACE-1570 IDAY-1580 KWON-1600. Gave up ship until 11/21. Will continue with recent log gings in the next is sue. I have heard a lot about CMs \& surveys but since I began my BCB DXing by sending PPs with every report I never received any of these. If anyone has one they would lend me so I could find out what they are like, it would be appreciated. 73 . (Welcomo to the NRC, Don, and we hope you'll be reporting in often: - ERC)

$$
\text { Ilank Wilkinson - } 6620 \text { Beeman Avenue - North Hollywood, California }
$$

Many thanks to all those DXers who have written to me in regards to the revival of the Supremacy Ratings. Also, thanks for the kind words both in the DX NENS \& in the letters. The NRC is a strong organization \& the members prove it when the occasion calls for it. In business, schools \& in hobbies, too, we find "lazy" people. That is why we must have leacers - real leaders with "entmusiasm" "knownow" \& "genuine interest" ir people \& their goals. When the leaders lack those abilities we find flounaering, lack of interest $\&$ a big desire for the other fellow to do the job. I do not believe such a condition exists in the NRC. We have Lefty Cooper among us - the hardest worker tho NRC ever had \& we lave him! we had Fred Van Voorhees for many years - what a job he did - the best in the hobby, worldwide! We got a guy by the name of Ray Edge tho has always worked very hard for each \& every one of us for years now! So he gets angry once in 20 years! Perhaps he has a right to do so. Every Tuesday morning during the D: season I look forward to MY COPY of the DX NEWS \& if I didn't get it I'd feel cheated. Well, fellow DXers, it takes a lot of "enthusiasm" "knowhow" \& "genuine interest" in people to get that weekly bulletin to press \& into the mails to you \& me. Don't make the mistake of finding fault with a project that is quite difficult to handle week in, week out. Foney wouldn't make Ray, Lefty or Fred (and provious officers of the Club) happy. Their happiness comes from a job well do ne \& appreciated - deeply \& fully appreciated - by each \& every NEC member. The best gift you can give the NRC leaders for Christmas is your honest cooperation \& thoughtfulness for the New Year. lierry Christmas to everyone.

$$
\text { Morton D. Meehan - Box } 271 \text { - King City, Cal kformia }
$$

I will volunteer to edit the NRC Bulletin, providing at least 300 members pay $\$ 25$ per year membership \& all monies above operating expenses will be absorbed by me as salary I feel this would be a fair deal both to the DXer who receives this up-to-the-rainute weekly service \& to me for the time I would heve to use in getting out these bulletins The bulletin I would put out would not be better than the present one, but rather would probably be inferior. When I look back at all the enjoyment Ray Edge $\hat{C}$ Trnie Cooper have given me over a quarter of a century I am indeed grateful for the many years of their life they put into this hobby of mine. It takes me a couple of hours each week just to read the kulletin. How many hours do you think it takes to type this info, run the mimeo, assenble \& fold the pages, stuff the envelopes, adiress them lick the stamps, take the mail to the P.O. for quicker delivery, keep records of dues, changes of addresses and answer correspondence from some guy whose complaint is you misread his handwriting? Yes sir, putting out this big weekly budletin is a full time job \& I wouldn't take it for less than $\$ 25$ per member per year.

$$
\text { Randy Niltier - } 880 \text { Delmas Averue - San Jose, California }
$$

I plead guilty. In la/l assue of DX NEWS I used PST instead of EST. Here are my most recent catcies, using EST: KGHL-790 Billings, Mont. from 6:10-6:27am, KPDQ-300 Portland, conducting some kind of test from 6:28 to 6:34; KVO0-1170 Tulsa, from 6:55-7:01 with Billy Grahemh, KWYR-1260, Winner, S.D. is my first station from the Dakotas, from 7:14-7:20, IVEL-1250 Vernal, Urah heard from 7:35-7:38, KAsT-13\%0 Astoria, O2e. from 8:03-8:07, IIIX-1310 Twin Falls, Idaho with WX, heard from 7:49-7:54, KXA (at last)770, Seattle on top of KOB 9:00-9:06, KAGI-930 Grants Pass, Ore. s/on $8: 41$ 气 ZAJO1270 also Grants Pass s/on © 7:26. Veries are coming in a little better here. Viost recent are $v / c s$ from KIDO KALL WLS \& KXIY (thanis to Bill Wilson \& Tom Colthurst) \& v/is from CJVI KUTI KXL \& KENS. Does anybody (Ernie) know KSWC's address (Tueson on 1550?) (No - ERC) Would appreciate it. Ernie, where can I get a copy of the Broadcasters' Handbook \& how much? (I think that's the name of it). Is KALF in Mesa, Ariz. on 1510 on or off $M$ \& is it AN or what? (KALF is $\underline{D}$ only - Yarabook, I don't know -ERC)

Am mailing this just a few days early in order to try to beat the big mail jemwup the biggest of all time, they say. For those who are statistically minded, the space dedicated to "The Great Debate" used up about 74 lines in the $12 / 8$ DX NEWS. How these feuding factions find time to $D X$ is beyond me! It seems like they're always arguing. I now have been "let go" from my job so wis are clear \& free. 12/8- KVPH-1550 1:C81:12 r/c-li having trouble from WAAY. 12/10- M \& some good WC skip noted. VRH3-890?? 1:33-1:41am with el mx S-5 \& then clobbered by WLS OC. WHTC-1450 1:15-1:20 on TT. CFRY-920, ex-15\%0, ex-250w. heard topping the frequency with their announced lkw @ 2: C5 s/off. KRAK-1140 S 5-6 2:29 ID. KXLY-920 2:35-2:38 wi.th ri \& two IDs. MAMin1530 TEST peaking 20 over 2:09-3:29. WBUC-1460 NNRC test 3:37-35,47 tune-out a leadpipe cinch at $15-30$ over. 12/11- ZFBl-960 S 5-8 fading rapidy \& erratically with ad some place on "York Street in St. Georges, Bemuda،" Will have to count points I V/f, WEAS. riss.

Larry B. Godwin - 4440 Laguna Place, Apt. 206 - Boulder, Colorado

Greetings from the land of Christmas preparations. It seems the season is in the air everywhere in the Boulder area, as it mast be everywhere else. Please note ne: QTH above. I believe some NRCers have not altogether understood the nature of the recent evaluation of the NRC by the Denve m mbers of our Club. We heartily praise the efforts of long-time member, publisher, and Executive Secretary Ray Edge, \&e especially appreciate that he has done a superior job of getting DY NEWS out ontime since the Omaha Convention. No member in a sincere evaluation could come to any other conclusion. However, it is unfortunate that the goverment of the NRC has in our opinion failed to respond to the will of the Club in the last 18 months. It is more unfortunate that the publisher \& "governor" of the NRC are the same person, for when we criticize the Inecutive Secretary, we also criticize the publisher. Admittedly, we would have no complaints whatsoever against the publisher if he were not also the sole determiner of V R policy in recent months. Since the situation is as it is, \& since we feel the goverment of the NRC ought to be in the hands of its members through an elected Board of Directors, we have volunteered to assume publishing of DX NENS. Of course, this does not mean we are to become the new dictators of the NRC, but that we intend to officailly propose at the 1963 Business Meeting (held in Denver this Labor Day) a form of elected NRC goverment. We would welcome comments from all NRCers on this proposal \& we seek the support of the Club in this new endeavor. We really do want to publish the bulletin, \& will strive to do as admirable a job as Hal Magner \& Fay Edge have done. We have the manpower, the time, the location, \& above all, the energy that John Callarman \& I agree is extremely important. The Denver members are vew sy happy to see the inevitable return of the Supremacy Ratings a bit earlier than we had thought. Now to DX. On 12/4 I heard KBIF-900 on $f / c 3-3: 15$ along with the KSHA860 TEST. 12/10 brought the KMAM WBUC \& CKUA TESTs \& DX in well, \& all reported. Also KBOW-1490 Butte, Mont. logged, announcing AN seven days. NRCers Jeff Stewart \& Phil Scott will be present $12 / 20$ for the meeting of the Denver NRC members. 73 to all, \& a very Meriy Ciristmas to the editors and publisher of DX NEWS.

Ernie Cooper - 438 East 21 Street - Brooklyn 26, New York
V/q from TGTO, Guatemala City, \& printed on it TGTO-1470 \& TGTQ-6285 - written in it verified $3030 \mathrm{kc} / \mathrm{s} .$, \& I heard them on 810: But the words "Su reporte es correcto" makes it acceptable to me, hi. DX: 12/15- Brazilian on 840 3:00-3:25 fadeout, unIDed. CJOC-1220 excellent, knocking out XEB. PM, I also heard the foreign language station on $10903-4 \mathrm{pm}$. It sounded like Russian to me, but at 4, they went into FF vitin the Rosary, so, Joe Fela, I agree too that it is CHRS. 4 4 mm , WKLV-1440 on top of channel. WTHM-1530 logred 4:52-5:00pn s/off just under WCKY; nice signal indeed. 12/17- WhIL1580 agar in this $M N$ tested most of AM, TT. SS-1270 © 2:57, unIDed. SS-1200, 2:58. An HJ-- on 1210 ~ 3:02 "Radio Nacional de Colombia", s/off 3:08, who? I believe there has been an extensive frequency re-allocation movement recently in Colombia! Some are now using split channels. HJJX-785, for one, with excellent evening signals. Back to 12/17, AR: IITBR-680 logged 3:15-3:30 with cl mx underne ath, who? 4VY-1325 logged with WFOW on $12 / 18,6: 35-7: 55 \mathrm{pm}$, in and out with QFM of course from WPOF, \& TV squeals. How about a New Year's resolution from all to confine their Nusings reports to talking about DX? We've recently been very much moved by the outburst of compliments from so many loyal inRCers, and Pop \& I certainly want to thank all of you for taking the time \& trouble to tell us that you dppreciate our offorts. And a Happy New Year to all!
(Purchased from the Seabrooke Printing Company, Vashington, D.C.) NEW STATIONS

> 1400 Deer Liodge, Montana $\checkmark 1560$ Hamilton, Ohio

NEN CALL

| $0 \mathrm{U}-1$ | $\bigcirc 80$ | , | NS |
| :---: | :---: | :---: | :---: |
| 1,000 D-3 | 730 | W JTo | Bath, Maine, from Minc |
|  | 1410 | C FMB | Montreal, Que. from CHLP |

## $\checkmark 1560$ W T T N Nashville, Tennessee

FACILITIES
$\sqrt{2320}$ N O I C Columbia, South Carolina, to $5,007 / 1,000$ U-2, from 1,000 U-2, same chni.
1250 C - - Ottawa, Ontario, will be $10,000 \mathrm{~J}-3$ with a horizontal andena system.
1230-WgBT $1400-\mathrm{KTEM} \quad{ }^{1} 450-\mathrm{KVOW}$ (also move XR site)
HPARD SINCE LAST ISSUE

|  | KCSR | Grand Falls, | FCC |  | K PR |  | CC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CKCZ | Grand Falls, | FCC |  | K S C | Now 1,000/500 U-2 | CC |
|  | W JTo | Ex-WMMS | NRC | $\checkmark 360$ | K D E | Boulder, Colorado | CC |
|  | CFIR | Dartmouth, NS | NRC | 10 | KTT | Columbus, Nebraska | CC |
|  | CFRY | Ex-15\%0 kc/s. | NRC |  | KGTN | Georgetown, Texas | NRC |
|  | $\pi \mathrm{PIT}$ | Now 5,000 D-1 | FCC |  | WVO | Chadburne, N. C. | NRC |
|  | C E I | Sydney, now 10,000 U-2 | NRC | 4770 | KTID | FarmersvilleLa(s) | IR |
|  | CJCS | Now 500/250 U-1 | NHC | 1360 | C K B C | Ex-1400 kc/s. | NRC |

ON - WHAM-1180 Inc. Mis. OFF-VOA stations in Florida Keys on $1040 \& 1180$. 1240 - KANE FGBB KFBC 1450 NOW USIVG $1,000 \% 250$ Y 1 , SAME CHANNEL
ONE NORE "FACILITIES" - 1580 KK Y N D Tempe, Ariz. to $50,000 \mathrm{D}-1$, from $10,000 \mathrm{D}-1$. NOW ON WITH TI THER NEW ANTENTA SITE OR NEN ANTENNA: V130-ENOA 1600 SNEUP
PEPMIT TO ROTE TRANSMITTER LOCALLY: $1450-\mathrm{KVOW}$ 1560-NASJ
YOU DENAND - WE COMPLY
Since so many NRC members asked for the return of the Supremacy fatings, we have decided to give it another trial, and it vill incorporated into the International DX Digest section. So, let me urge all of you interested to send your todals in no:t to Member Hank Tilkinson, 6620 Beeman Avenue, Narth Hollywood, California. Watch Pete Tay lorms exciting section for the re-appeaance of this column, but siree it is coming back into DX NWWS, letis make sure it is a worthwhile venture. Everybody, please follow Hank's lirections and keep your listings with him up-to-date, or else the column will serve no purpose. It was dropped originally because of lack of support - since you have asleed for it back, make sure you keep it - by supporting it!

## DIS-A AND DATA

Of late, we have been carrying various coments which do not pertain to the hobby of DXing in the members' Musings. You have all read what Ray Edge included last issue, se let us now ask that your gripes be ferreted out of your musings. We are not being conceited by publishing the many compliments the majority of members have been sending in in rebuttal to some uncomplimentary remarks directed at our Executive Secretary. We included these merely to point out how the overwhelming majority feel about DX NEWS and the NRC as it is now. To paraphrase an old adage, "You can please some of the members all of the time, and you can please all of the members some of the time, but you can't plicase all of the members all of the time," but we surely do try! I believe the main case against Pop Edge is that at the Amarillo-161 Convention, the majority of members present voted to oust one member, due to his skimpy reporis to stations and to some of his DX claims. After that time, his reports both to kiusings and to suations improved immensely, and NOT JUST RAY EDGE, but Fred Van Voorhees, Ernie Cooper, and Fay Edge decided to forgive this member and give him another chance, since tine evidence was available that he had changed for the better. He also issued an invitation to any and all NRC members to visit his DX site and hear for themselves. Wo one took him up! So, if it is wrong to forgive, then we three are in Nortal Sin. Horrover, it is our belief that to forgive is Divine! So, uur New Year's Resclution here in Brooklyn is to weed out all non-DX items in the personal controversial field. We ask that AIL, whether pro or con, do likewise, to save us the trouble of deleting it. OK?

Page I4
" DX DOAN MES DIAL。:

FREQ. Ca. 12
"MisRRY CHRISTIAS TO AT工."

| 610 | KCSR | Chadron, Neor.-had F/CTT-3rd SAM.- 2:07-2:I5-Kraul-IKK |
| :---: | :---: | :---: |
| 680 | WAPA | San Juan P.R.- S/on 04:5-itathey-0. |
| 730 | CKLG |  |
| 790 | WPIC | Sharon, Pe. S/0n 06:00 (ianthey-0: |
| 840 | NTAS | Louisville, ty, - S/on rat Djs.at 4:59-(iantriey- 0 |
| 850 | WJW | Cleitcland. 0.- S/on 05:30-0if at 01:00- G innthey: |
| 870 | KAIM | Honolulu, Kawaij- S\%on 09:30- Off 05:00 Deily-per Veri- |
| 920 | KXIY |  |
| 930 | TIN | Neshington N.C S/on 05:00.I Basse t- |
| 930 | WETiN | Burfalo, Nore - Son ik Dys at 05:00-Menthev- |
| 950 | WKAZ | Charleston, W.Va.- S/on 04:50- Ev. |
| 950 | MSR |  |
| 950 | VBVL |  |
| 960 | WJAZ | Albany Ga.- B/On 05:03- L Bassett |
| 970 | TNOP | V̇delia, Ga. S/on 04:56- L?aussettm |
| 1050 | WN |  |
| 1150 | WCUE | Arimon 0.- S/on 05:00- imatrey- |
| 1160 | "ITJD | Chincaso, Ill. S/on 05:00 Orantineja |
| 1240 | KWOS | Jefecrson City- io.- S/oif 1:18- Ev |
| 1370 | WSYR |  |
| 1300 | KOLY | Robridge, S.D.* had F/CIT-12/15-1:30 فn. Ev |
| 1310 | WSA | Donrata, $P_{\text {a }}$. Dec. $/$ on 5:30- J.Brouner-Pa. |
| 1320 | WWEG | Homell, N.T.- S/on 05:40- imentey- |
| 1320 | NOG | Greensboro, iv.c.- 5/on sur at 06:30-1raul-Ill. |
| 1350 | ISTT | Des Moines, Ia. S/off 01:05- Ev. |
| 1360 | WLIQ | lobile, Ala. on R/C 2nd rai- dit 2:15-2:30- De, |
| 1380 | WWIZ | Lorain, 0.- S/on 06:00 Vmathey- |
| 1390 | $\mathbb{K L P M}$ | Whot. N.D.- S/on 6-off 12- Sun 7:30-12- -i.Johonns- Pflo |
| 1400 | WRON | Roncerverte, W.Va.- had F/C TT- 12/7-3:32-3:45-B.Stone- |
| 1440 | WSEL | Poktatoc, inss.- S/on 05:0U Gun at 6- Off 4.45 p.n. Johann |
| 1.440 | WGIG |  |
| 1440 | WMEM | Quincy, Ill. S/ore 1:50-L.Bessett. itich |
| 1460 | TIPV | Faincsville, 0.- \%/on 06:00 +inthey-0 |
| 1480 | TLOK | Lienphis, iemn S/on 05:00. L.Bassett.lich. |
| 1520 | VETHO |  |
|  | State |  |
| 1540 | WPrS | Pittston, Pa.- S/on 7:15 in Dec. (J.Brauner-Pa. |
| I550 | FKJO | St Joseph Mo. back on A.N Frd couple a.m's Ev. |
| 1550 | WNVA. | Charles Town, T.Va.- S/on SUT ct $7: 15-\mathrm{Traul}-\mathrm{Il}$ I. |
| 1570 | Wema | varrenton, Ka. Still here- En at 7:15-J.3reuner- |
| 1570 | VEPR | Villa Acuna, Cosh, dex. Dack on A.N. N. S.P. - Ev. |

H/Cs per list. All MeN Iist.
Ist FRI. - WABG-960-4:30-4:45.1F WRO- $1500-4-4: 15-0-$
Frd SAT.-KCNI-1230-1:30-1:45-T- 3rd SJN- N:HIT-1.150-1:30-1:45.T3rd NON- WHE-1270-4:50-5.-T- NDIG-1450-3-3II5-T. NICN-I340-3:30-3:453rd SAT-KARE-1230-1:20-1:35-1-T ANT-1240-1:15-1:30-T, NCBA-1350-1:00-1:15-T. O.R. Fellows hinx for Surporting DPD in 162-Please keep it upin 163. iferry Christmas and A napy iver Year. end lots of Dx-my 1230 KHHH Pampa, Tex will D $\bar{X}$ For $\overline{\mathrm{NRC}} \overline{\mathrm{SUN}}-\overline{1} 2 / 30.01: 15-03: 15$ AM EST-Rpts to Mr. A C Higgins, C.E. (Late info to Ev Johnson from J Callarman.
Folder in from Vane Jones-thus BCB Log will probably be received soon. NRC Slips telling what $D X$ is, on hand at $.60 \%$ per 100 postpaid. (Pop) 1 or 2 members received a sheet in their $12 / 15$ issue with one side of a page-BLANK- the missing part is either page 3 or 4 or 9 2 10 . In you drop me a card I'II send you the good sheet. NOTE In case no FOREIGN SECON in this issue you know they did not arrive despite firmin-Sp Del

Edited by Peter V. Taylor, 1906 Santiago Street, San Francisco 16, California, U. S.A. May end up a little shdrt this time as 1 guéss Chatstias shopping, etc. are slowing dial activity a bit. This is everything through Tuesday morning 12/is first detivery; if there is anything pressing in the second delivery, will tag it in on the end. in the MEANTIME 1 - HOPE_YOU_ALL_WILL HAVELARE HAVING/HAD A MERRY CHRISTMAS. MEANWHILE...........

550 KiVI Walluku, ivaut, HANAll s/off in EE $040412 / 17$ to return 0755 (PVt)
580 toM. UNid Cuba, Who is "Radio Progreso" relay here? Heard daytimes under wdBo (RFS)(CMJp 500w Ciego de Avila used to be listed here Ron-apyt)
605 MYSt SS. Must de the same one heard by others. Noted carrier here most of evening. Modulation seemed to come out of nowhere at 0330 12/17 (PVT)
625 .... Haeju, NORTH KOREA logged 55-5 0654-0735 12/10 (HuN)
655 YSS San Salvador, EL SALVADOR hearo here 2342 12/12 S6-7 (DEP)
668 hMystery. Some form of modulation here, Lamlike fading, noted $2230-45$ and then some 12/16 (PVT)
670 Hu.. COLOMBIA. (RFS)feels this is HuCU Bogota, moved from 735 , singe 735 has been clear for several weeks (RFS)
690 +joab Tokyo, Japan meard with falr signals $12 / 10$, CMbC/WTIX QRM. Verffied last year with beautiful NHK QSL (LDS)
730 cmca havana, cuba. Verie received, v/s Angel Hernandez, director, omca, the Friendly Voice of Cuba. Box 6951 Havana in EE CAT) (DM) (We have had four memeers receive veries from CiVa; Alan Taylor and Dave Oved say Box 6951; Miurice Ashby Box 6961; ano Dan Miller Box 5691. Let's try to keep the』NFO in here accurate, hmmm? PVT)
KFQD Anchorage, Alaska logged 12/10 0417-0430, commercials, lost dog 1 tems, with news 0427. Signal good but under an oc, unid. No CKDM. My 2nd Alaskan(MER)
750 JOIB Sapporo, JAPAN S-9 and better 0440 12/10(hJN)
770 +hring Tegucigalpa, hONDURAS was trying 765 a few weeks back (RFS)
775 TIW San Jose, COStr Rica with nice signal, easily identifiable music and commer. cials $2325-234512 / 16$, verified last year (PVT)
780 +YVOD San Cristobal, VEnezuela heard on RS $0533 \mathrm{~s} / \mathrm{on} 12 / 10$. Venezuelan national anthem hearo (MER) (Bill Nillis, perhap.s this is your Ss-mvt)
783 hujx Bogota, colombia "radio Monsertat" fair signal here with la mX and very little talking, 2348 12/16. Have heard the same beer commercial twice on different nights. (PVT)
785 .... PYONGYANG, NORTH KOREA S7 0615 \& 0745 12/10 (HJN)
810 +XEic Ciudad Obregon, Son. MEXico heard over/under KGo til at least 2000(LDS)
S20 +XESB Santa Bargara, Son. Nexico believed to ae the Mexican heard unoer wfá/mbap at 2000. Never verified my report last year (lds)
830 jObB Osaka, Japin S8 and eetter after 0400 12/10 (hulin)
840 t.... Nanchang, CHINA heard lovd starting 0400 12/10 (HJW)
850 Kicy Nome, alaska s0+10 when it idsed and gave time as 10:15 at 0415 12/10(Hul); best ever heard AM of $12 / 10$, S6 0500 s/off (CHF)
xemo tinuana, miexico noted at s/off $055812 / 9,10$ as "Radio goo" and "the Golden Voice of high fidelity music in Southern Californial (mer)
870 JOLB Fukuoka, JAPAN good after 0400 12/10 (HJW)
875 TISS San Jose, costra rica probably the weak ss hearo 0007 12/13(dep)
880 JOPK SHIZUOKA, JAPAN S7- 80620 , S-7 0740 12/10 (HJW)
889 MYSTERY SS. HEARD with possible 10 as "Radio Nacional" on 886.5 kc , s/off 2357 (DEP) (Possibly RFS' HRZN "Radio Pinares" Tegucigalpa, dave--pvt)
$\delta 90$ tafrs Elmendorf AFB, ALASKA is either new on this channel or is in adoition to Adak. Definite 10 12/10. Elmendorf is near Anchorage. Report out (ChF) +JOHK Sendai, JAPAN S-9 0540 12/10 (HJWi)
895 Obx $4 \times$ Lima, Peru probably thr SS, strong 12/14 at 0003 peaking S-7 (Dep)
910 HRVS Tegucigalfa, HONDURAS here from 925; logged 10/31 on 925 kc and already verified with beautiful pennant ("pendocita") red, orange, yellow and green on black silk. Sato in verie that they changed frequency the day after my logging. Slogan "Radio Catolica, la voz de Suyapa" (MER) + xeao mexicali, b.c. mexico is a regular here evenings after kpof s/off. All u.s. and Canadian stations protect Kpof, leaving Xeao in the clear. My qRa is six miles from Kpof XR in Westminster, Colo. so I get minimum signals from protecting stations (MER)

INTERNATIONAI PAGE 2

925 toax4e Lima, peru. "Radio Central" reported from Sweden, no reply yet (x.lr)
940 JOTR AKIta/JOPF TOKuYama, JAPAN. ONe or the other $97-00621$ 12/10. (Hdiv)
mMYSTERY SS. Noted here 0445 12/17. A little early for Xeq, so perhaps "radio Carupano." QRN prevented identity (PVT)
950 JOKR Tokyo, Japan S9+ after $040012 / 10(H J N)$; booming in after $040012 / 10$, veries WITH NICE QSL (LDS)
970 hlca Seoul, SOUT' korea Ss-9 $040012 / 10$, 1st time heard this season (hu'N) XeO Matamoros, Tams. MEXICO. Verie back for $11 / 12$ frequency check with Toluca monitoring station; Xemt was on simultaneously (DJ)
973 .... Yuzhno-Sakhalinsk, USSR S-7 steady 0410 12/10 (iJuN)
975 TIRS San Jose, COSikr Tica. Was this the SS here 0310 12/17? Quite earily for THEM (PVT)
990 wpra mayaguez, puerto rico. Verie letter in, v/s Arthur Glawson, ce, K4ars. Is 1kw non-directional, not 10 KW as per many logs. Sked is weekdays $0500-2100$ and Sunday 0600-2100. Signs on early some mornings if Ce is there then, which was the case the morning 1 heard them, 0445 11/26 (DJ)
1020 YVQb Cumana, Venezuela. On top of ZCO for alittle while 0430 s/on 12/3. Announces as "Radio Sucre."(mer) (Marv, zCo s/off was 0428 with carrier off at 042915 that morningan-PVT)
ZCO Nukulalofa, tonga ISlands. QSL card back in exactly two weeks for my $12 / 3$ reception. Red letters on top of Tonga shield. Looks like v/s is r. Geobge Hagged (PVT) ; heard $12 / 30400-0422$ with Mormon Tabernacle Choir. Signal about S-7 and in the clear; was still S-7 when koka came on the alr on TOP of YVQB (MER)
1025 HOU DAVID, PANAMíi VERY EASY to copy with S8-9 signals 00́24 12/10 (HJW)
1035 4VE Cape Haitien, halti. Program schedule does not indicate that 4VE is on 1035 but on an SW frequency instead (3R); hand corrections re frequencies specify 4VE is 1035. Stationery says "Radio 4 VE h" which is listed on the bottom as $9770 \mathrm{kcs} ; \mathrm{v} / \mathrm{s}$ is Ellen M. Bressler, SW Dept (KRM); finally pulled in out of the mud here, thanks to Mel Dilbeck, 12/10 2230-2250. Will query call letter situation (PVT) ; (Huw) still maintains correct frgquency is 1034 kos. Can anyone else catfh this?
1070 JopG Kushiro, Japain heard weakly, mixed with hucg 0330-0400 12/10. At 0330, march music heard and then man with 10 in Japanese. Sounded very similar to jgpC(LDS). (JOFB Hiroshima would have more power it seems--pvt)
108 C yVQJ Barcelona, Venezuela "Radio Bareçona" in fair nightly (RFS)

1115 +HI.. MYSTERY in DOMINICAN REPUblic. This is a station of "Radio Santo Dombingo" formerly "La Voz Dominicana." This particular outlet'unknown (RFS) (Ron, you had it listed as hi it which 1 assume means it is a mystery to you-apat)
1130 JOQR Tokyo, JAPAN gave call letters 0430 12/10, very loud this time (Hew)
1145 4Vab portanu-Prince, halti "Radio Caraibes" with good signal 0501-0532 12/3 with Mario Lanza Christmas carols (iver)
1165 .... Radio Swan, siwan ISLANDS verie recid, QSL, West indies with arrow pointing to Swan Island. QRA. Box 352 Miami 1, Fla. (gmer) ; heard 12/12 2359 with s/aff in English, frequency annco as 1160 (dep) (They are oiregtional to Cuba-ptí
1170 +UNid SS mexican. Heard here $12 / 10$, using SSt, had many live Mexican recoroings, no $10^{\prime}$ s noted. AN, Lovd, dio an yone else get themp (RFS); What is this signals heard $12 / 10$ S- 6 Monday marning? (RFS)
hhjdt Medellin, Colombia noted here with 1 kw , ex-1190, s/off 2000, heard in Sweden (LR)
1190 hu.. Barranquilla, colombia. One of best latin America signals this season. Verified by letter and pennany. QrA Apartado aereo 23-64. hjee? (ll)
1210 JOOR Osaka, JAFAN 570525 12/10(HJN); Noteg here good strengta $12 / 3 \mathrm{with}$ al mx around 0500. WCaU 10 almost even at the time. Then wCaU took them out. Also heard 12/10 (MER)
1250 +jolr Sendal, Jipan. Heard under us station 12/10 (hJW) (Hank, you dion;t give a time here but 1 would put money on the USSR Far East Service which has been heard mere with all Japanese except 0430-0500est-opvti (watch for the Radio Noscow chimes every half-hour)
1310 +hjuX Bogota, colombia. This is a time station. QRa apartado aereo 6102 (LR) (WRH \& FBIS list hJJX soth here and 770, which most of us have been hearing on 783 lately. 1310-"r.Eldqado" and 783 "R.Mionserrat. "..-pvt) Japanese news for Bay Area. S-9 most of tee hour, stronger than $830 / 870 / \mathrm{or}$ 1210 Japs. SEnt report to Kitami (MER); (JORB KOCHI is NHK- 2 synchronized with Jokd which is stronger; reports should go to NHK, No. 2 2-chome Uchi.. salwal-Cho, Chiyoda-ku, Tokyo, Japan-mpt); extremely lovo here 12/10, programming as per $12 / 8$ I IDX except at 0445 they had Christmas carols in Eng : lish with Japanese speakers (LDS)
1403-5V hubk Rosario, colovibia "la voz de la Gran Colombia" (ex-1470, officially on 1400) verifies oy letter for Sweden reception (LR)

1420 2AP Apia, WESTERN SAMOA with beautiful signal $12 / 30401$ s/off with woman giving id in EE, mentioned station owned and operated by W. Samoa government. S-7 and not mueh strongr than ZCO (MER)
1435 +ObX41 Lima, perU reported in SWeden, ex-1490 (LR)
1460 + xeyc Ciudad Juarez, MEXico. Jazz station noted on here 0315 and later under oc, Which seems to be kDen's. Heard a few id's but no names to speak of and no recognizable music during their DX 12/17 0300-0530 (PVT)
1490 + Wystery. Hetrodyne noted here after sunset, probably Mexican offfrequency (lds) (KOWL WAS GUILTY OF THIS LAST YEAR ABOUT THIS TIME--PVT)
1500 +Jop3 Shizuoka, Japan falr 0633 12/10 (HJW)
1504 hJ'HX (??f)colombia. "la Voz Panambricanall is officially on 1500 , reported dut no anzwer yet for Sweden reception (LR)
1520 Hjuss Bárranquilla, COLOMbia is what 1 am hearing here (rfs)
1523 +03X40 Lima", peru "Radio Relou" is a time station on this freq. (LR)
1560 WRSJ San Juan, puerto rico. Verie back for my $12 / 10$ reception in exactly one Week, v\$s is Clement Littauer, Vp(PVT); Logged 044600502 12/10 S9+30 maximum strenatgh at 0502 (hun)
1590 +XEhC Ensenada, bC mexico strong at night here. ID as "Radio bahia" with signOFF AT 0200 (LDS)

## AROUND THE WORLD

ARGENTINA--ADO THESE TO THE ChANGES Listeo in 11/10 DX NEWS:
LRT-670 is EX-1340 ( 1 CAN't FINO ANY LR7 PREVIOUSLY UNLESS it is LTT Corrientesd (pt)
LRA3-840 Ex-670 Santa. Rosa
LRA5-1310 Ex-780 Rosario
LRA6-960 Ex-970 Mendoza
CHILE--- A few changes noted here. CC157 "Radio El Carbon" is now on 1555, ex-1570 WIth 250 watts (NZDXT) ; C37 8 Valpariso 605 kc , ex- 780 "Radio Caupolican"; CB54 in Melipilla "radio I anacioll is now on 540 ; Cb70 Santiago "Radio Santiagol is now on 690 AND is EX-700 (NZDXT) (CC157 is in Lota)
SURINAM---Q"Radio Paramaribo" is now on 500 kc . (mZDXT) (This woulo appear to be the ONE FBIS lists on 795 and with WRH does not contain at all--pvt)
SWEDEN-...Sundsvall. 593 ) ; Ostetsund (719); Stockholm(773); Gotesurg(980); Horsy(1175)
and Falun(1223) are now broadcasting All Night light music 1615-2400est (also Motala
 English 1830-1900. If you hear a Swedish bcb station and want verte letter, adoress report to ivir. LRrs Ryden, dX Editor, Radio Sweden, Box 955, Stockholm 1 (LR)
thailand-m-Artillery venter Broadcasting Station, Fort Paholyodit: Lopegri, is now on 775 Kc with 20 KW to $1100 \mathrm{~s} / \mathrm{ofF}(\mathrm{NZDXT}$ ). ( NZDXRA ) lists same on 1495 kcs . And we have Experimental Station Twenty, 1525 k , c c/o Public Relations Department, Bangook aeing heard frequently in inew Zealado (NZDXT)
REPORTERS DURING THE PAST TWO WEEKS HAVE BEEN:
miwn - Maurice W. Nittler, 1755 s. Vallejo Street, Denver 23, Colorado
u - Jeff Lob, 93 Oakyiew Terrace, Short Hills, New Jersey
LBG - Larry B. Godwin, Box 165, Boulder, Colorado (newlywed 12/£2, congratsi)
chf - Clarence H. Freeman, P.0.Box 12, Hughson, Calif.
fbis Foreign Broadcast Informat:on Service, Box 2604, Washington, D.c.
bD - Ben Dangerfield, 202 Governor's Drive, Sproul Estates, Chester P.O., P.a.
SM - Stan Morss, R-3, Bragford, Mass.
ED - Ed Drumm, 14 Dale Road, Wethersfielo 9, Conn.
DP - David Pope, Box 173, Grescent beach, South Carolina
do - Davio Oved, Buffalo, New York
RHM - Roy H. Millar, Box 702, Everett, Nashington

INTERNATIOALL PAGE 4 - MELE KALIKIMAKA \& HAULE MAKAHIK! HOU = DX NENS = DEE.222 1962

jac - John A. Callarman: Box 1914, Pampa, Texas
los - Lawrence D. Schwartz, 4819 Atlanta Drive, San Diego 15, California
DSb - David S. Burns, North Eastham, Mass.
Wrh - World Radio Handscok, Hellerup, denmark
NZDXRA - New Zealand DX Radio Association
HJW - Henry J.Wilkinson Jr., 6620 Beeman Avenue, North Hollywood, California
Kfm - Kenneth F. Murphy, 60 Plymouth Road, Glengrook, Conn.
lR - Lars Ryden, Smedvagen 12, Kallhall, Sweden
cat - C.Alan Taylor, 2529 East Ninth Street, Indianapolis 1, Indiana
CM - Daniel Miller, 1121 Parkway Avenue, Cov ington, Kentucky
mer - Marvin E.Robeins, 265 Laurel Street, Apt. A4, Broomfield, Colgrado
DEP - David E.Prather, 720 Marshall Avenue, Woodland, California
Du - Dallas John, 237 S.Stewart, Lombard, Illinols
nzdxt-New Zealand DX Times, Box 1356, Christcaurch, New Zealand
BR - Bill Roney, Box 22, Waysons Tra:ler park, Lothian, Maryland.
MISCELIANY
The final word on the worlo radio.tV handzook (WRH for short) is that it costs $\$ 3.25$ and will be available January 15, 1953 from gilfer associates, box 239, park ridge, new jersey. Hank Tyndall formarded thig information. ànd please don't beliege those RUMORS THAT ERNIE COOPER'S PUCTURE IS ON THE FRONTCOVER. ...
HOW TO MAKE THE I.D.K.D. SUCCESSFUL WITHOUT REMLLY TRYING:
(1) Pleabe put your address on your report sheet. I throw all envelopes amay.
(2) Check over the information you have susmitted! Conflicting reports regarding adoresses, slogans, frequencies are useless.
(3) Check the DX News to see if what you are submitting is of value. If you get say "Radio Fang" S-5 one week. S-6 the next, S-7 the third and S-G the 4th week, and repetitiously report same, is this helping anyone? If you catoh a frequency change the 2nd week, a new slogan the third week and a particular musical 10 the 4th week, yes. Otherwise, no.
(4)All times are est using the 24 hour clock. est usage is universal throughout all DX NEWS sections; we use the 24-hour clock exclusively, so please help.
(5) If you heard something new and unusual, give us the time and date you heard it. Perhaps it is a one-time-only transmism:on. Perhaps it has changed frequengies since then.
As I mgntiomed last week, I will continue to edit reports which are submitted only for brevity's sake. Why take 8 lines when 3 can convey the same information? Why use two bines(1 line and 1 word) when the data can be condensed into one line? hmmm? f feel this is in the best interests of the column, whose purpose is to provided a maximum amount of information in our allotted four pages as possible. Some of you feel thes policy has resulted in missinterpretation, whioh is unfortunate. If you personally feel that my eolting results in misinterpretation, please let me know. In the meantime I want to continue to make this section as useful as possible, and with your continued excellent support, this can be achieved. Whlle 1 do very much appreciate the kind words so many of you have had, I hope you will also remember Pop, Ernie and Ev Who put this thing together each week and others such as Larry Godwin (f/c list) and Len Kruse (condition of frequencies list, forthcoming). We don't want your money..... WE JUST WANT YOUR REPORTS!
And as long as we do have this much room left, I might as well mention that our fm station call letters in San Francisco will be kFog (K-Fog.) there is little need to comment on the origin of those call letters, although I know some of you will take me up on this anyway! Uinfortunately, we cannat use ksmiog for los ángeles tV call letters. Don't forget about getting your supremacy rating information to Hank Wilkinson, óbro Beeman Avenue, North Hollywood, Calif. by 1 January; Hank has had gooo response after our last mention of it, sut I am sure there are a few of you yet to forward the data. See 12/1/62 issue for details, in IDXD section. Also 1 hopeyou will support your Domestic (Ernie Weslowski) and Foreign (Bill Nittler) Contests by furnishing the respective editors with your standings each month.
The + means new station since September, and the lingo atop the page means MMerry Christmas and Happy New Year" dn Hawalian. Holiday time is dX time! a la erc, as they say in Onomichi, jodp (Jar Our Dx Pages); Ankara tad (Tell All DXers); Kipa Hilókeep irnational pages Astute) plus alot of other things. 73 s til next week---pvt

Here is a "tip" for your members... KOWEOy Radio has established the following schedule for this winter; Sign on 6:00 AI, sign off 3:00 AM following day; Sundays sign-on 7:00 AM and sign of at 10:00 PM All times MOURINIM STANDARD TME. Exceptions to schedule :whenever Laramie, Wyoming, temperature is -20 or less at 3:00 AM, station will continue on the air without sign ofr.

KOWSOY Radio operates DA-2 (5 lw from 4:0G AM until LS: I Kw fron LS intol 4:00 AM). We have made adjustments to our three-tower directional system that virtually eleminate any sky-wave propogation. Added to our location at 7,200' elevation in a valley with hjgh mountains on either side, we should be a real "catch" for any DX'er.

All DX letters will be answered by the Chief Engineer provided they are addressed to his attention and conforn to these few requirements;
(A) The information submitted must cover not less than 15 consecutive broadcast minutes (Overseas reports must cover 10 minutes).
(B) All information must correspond to our logs within one minute (we will correct for "offset" times if they are consistent).
(C) All reports requesting verification must be accompanied by RETURN POSTAEF: there will be no exceptions and reports received without RETURN POSTAC will be DISCARDED (this obviously includes postcards Which we discourage)
(D) All reports must be postmerked not more than 24 hours following the period, by the report. (Sundays and Holidays excented; renote-area reports excepted. (covered)

No deviations are permitted in the above in order to insure "fair" reporting to all DX'ers. We request, but obviously cannot enforce, that DX'ers do their own work and not inform others of reception of this station for 24 hours after reception. This will prevent some incidents such as those that occured during the building and testing of stations in Colorado and New Mexico.

Being licensed for full time operation and having engineers on duty 24 hours per day, we are not averse to infrequent (annual) special DX programs provided that both MATIONAL RADIO CLUB and Newark News Radio Club submit requests for the special program to be conducted on the sane date. We prefer specializations such as this to occur on Wednesday. We must have not less that 30 days advance request In order もóscheãule anouncers, studio engineers, and trensmitter engineers without incurring overtime charges. (signed) Sincerely,

John P. Tucker, C.E.
The above letter will pe turned over to Norm Pillsbury, our CPC Chairman for his disposal. Thus I am sure we can look fomard to, before the DX season is over, trying to tune in "KOVB" on a future DX Program. (Will some MCer inform Norm as to - the CPC Chairman of MMC

To many of our newer and jounger members. The above requirements needed to verify "KOWB" may seem kinda tough. Let me assure you that what Mr. Tucker sets down above, was in our earlier days of DXing a "must", in fact just about what could be called "the unvritten law". Mr. Tucker in the past been at a Colorado station and sent me a few reports he had received. 2 of them gave call letters that had been assigned the station but had never been used on a transmission and the reports were very skimpy in so far as detail of what was heard. In fact in plain language, they were real lousy reports. In Eastern Standare time their sked is Week-days 8:00 AM - 5:00 AM Sundays 9:00 AM until Midnight. With a Verie in from "KOWB" - You will have a positive 1.

## From_Exec Sec_- NRC

In the Nov 241962 issue of $\mathbb{D X}$ News I offered to resign as of the Ist of February 1963 if at least $1 / 3 r d$ of the members wrote in saying they preferred the Club to operate or agredd with Larry Godwins ideas.

To date, Dec 201962 I have received a total of 2 pieces of mail that are in accord with Godwin. On the other hand I have received over 20 pieces of mail urging me to continue as I have. Thus with 2 members out of a total of 315, which is less than $1 \%$ who even bothered to write It seems to bring out the fact that there are very few NRCers who care for Godwins ideas.

Because of the above figures, I am not obliged to resign as Exec Sec as of Feb I 1963. Further the NRC will continue at least up to the last DX News in Aggust 1964 as it has since the Omaha 1959 convention, which means other than keeping within the no more than 20 page ( 10 sheet limit, any Complaints-Suggestions or Froposals shall be submitted in accordance. with the NRC Government that was adopted during that same convention which is;-Complaints-Suggestions or Proposals shall be submitted to Ray B. Edge-325 Shirley Ave-Buffalo 15, N.Y. in TRIPLICATE \& he will send one copy to Ernest R. Cooper-Musings Editor, another copy to Peter V. Taylor-Musings Editor, with Edge keeping one for himself. The above 3 will be the ones to decide on items subtritted and will submit their findings to Edge, and the result of said findings will be the final deecision with a simple majority ruling.

Dues will remain at 4.00 per year despite the increase in postage rates as of January 7 1963, unless cost of bulletin supplies should cost more in the future. Beginning with the January 121963 issue of DX News those getting theirs First Class mail will note that for each issue of no more than 20 pages ( 10 sheets), $.06 \phi$ will be deducted from their fund, instead of $.05 \phi$. Example-20 pages ( 10 sheets) mailed First Class costs . $10 \phi$. Same mailed 3rd class costs . $04 \phi$ ) As for Air-Mail, there will be for the same, $.12 \phi$ will be deducted instead of the $.11 \phi$ now. (Example-Air-mail for 20 pages ( 10 Sheets) will cost $.16 \notin$ to mail and the club pays the usual. $04 \phi$ for $3 r d$ class.

A bit of information to all in regard to the NRC. DX. News and the Bulletin of the $N \mathbb{N} R$ C. This data only for comparision, nothing more. $\mathbb{N R C} \quad \mathbb{N} R C$
Dues per year \$4.00 Dues per year \$5.00 Issues of DX News 34 |Issues of their Bulletin 12 Total pages issued during the 1961-62 seas on Average pumber of pages per issue 18m27/34 Average Sheets per issue $9-2 / 5$ ths Features of the NRC
Freq Check List - Cond of Freq Construction Permits, plus contests 1 (Domestic and Foreign) to those interested. Verie Signer Iist plus a DX Down the Dial Column which has al deadine $I$ day later than the rest of DX News sections.
NRC Coverage - Broadcast Band ONLY I NNRC Coverage- AII Bands - BCB-SWfrom 535 kes up to and inc 1605 kcs 1 Total pages issued during the 1961-62 seas on ??? Average number of pages per issue? Do not know but if they matched the NRC it would have to be 53-1/4 Average Sheets per issue 26-5/8ths Features of the $N \mathrm{~N} R \mathrm{C}$. I do not know of any, other than they do publish items such as the Birthdays-Weddings-Births etc, a bit more on the social news of it members.

Taking the averages, the NRC does publish every 4 issues a total of 75 pages, (which is $37-1 / 2$ sheets) The N N R C would have to do the same in each of its monthly issues to match us. I do not receive the NNRC bulletin so. I cannot state exactly the number of pages nor sheets per issue. However I do know they are a large bulletin each month but I do not believe they contain an average of 37 sheets of paper per issue. I ould be in error, but if. I am it must be remembered that their annual dues are $\$ 1.00$ more than the NNRC plus only an issue per month-thus I believe the above will show as to why the 10 sheet lifit to DX News. So your NRC publisher does 34 times y year as to the NNRC-12 times per year The End

