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# NATIONAL RADIO CLUB 

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#### Abstract

This lasue of caf NENS is dedicated to the menory of CLARENCE BURIHAM who died suddenly on January 15th. Clarence had long been a member of the NRC and was a fine $D X^{\prime} e r$ and a real gentleman. R.I.P.


Those wishing to send a note of condolence to the family can use the address which appeared on the front page of last week's issue.

## NEW MEMBERS

*Ernest Eurkman, 281 Marlborough Rd., Niagra Falls, Untario
*Philip W. Gergen, 832 College Parkway, Rockville, Md. 20850
*Leon MacGill, 105 S. Hudson St., Arlington, Va. 22204
*Bill Migley, 210 S . Naple St., Lancaster, Ohio, 43130 [BCB Editor for ASWLC]
*Franklin H. Smith. Jr., 170 Chapman St., Greenfield, Mass. 01301
If you happen to live near one of our new members, why not give him a call and welcome him to the lVRC personally?

## NEW NRC LOG

Ine have now exhausted our stock of the first edition of the NRC Domestic Log; no more orders, please. The next edition is being completed now. The printer's fire has forced us to postpone the printing at least a month; during this time we will be updating the material that was keypunched earlier in the year to assure that the information will be as fresh as possible. While a recent announcement made by the publisher of IRCA has resulted in quite a few orders for the new Log from IRCA members for $\$ 1.22$, the final selling price has not yet been set. The price to NRC members will have to be more than the price for last year's edition because of considerably increased publication expenses; the final price for INRC members will be somewhere between last year's and the figure of $\$ 3.95$ announced in the Gilfer catalog. Watch DX NEWS for an announcement giving full details soon.

## flash!

Last minute tips and information such as DX Tests can be phoned in as late as 2330 on Wednesday night for inclusion in that week's DX NEWS. The number here in Watertown in 617-924-9007. That's for hot tips, remember; if you're just calling to talk $D X$, please wait until Thursday - Wednesday evening is composition time and we're very busy then. Thanks.

| Mon. Feb. |  | $\mathrm{kc} / \mathrm{s}$ |  | watts | A.M., | E.S.T. | Info: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | WCSR | 1340 | Hillsdale, Michigan | 500 | 12:01 | - 1:00 | NNRC/IRCA |
|  | W C V R | 1320 | Randolph, Vermont | 1,000 | 1:00 | - 2:00 | NRC |
|  | WS N O | 1450 | Barre, Vermont | 1,000 | 1:00 | - 2:30 | NNRC |
|  | KOFO | 1220 | Ottewa, Kansas | 250 | 1:01 | - 3:00 | NRC-PoP |
| Sun. Feb. 1 <br> Mon. Feb. 16 | WS No | 1450 | Barre, Vermont | 1,000 | 1:00 | - | NNRC |
|  | WHBC | 1480 | Canton, Ohio | 5,000 | 1:00 | - | NNRC |
|  | W K R C | 550 | Cincinnati, Ohio | 5,000 | 2:00 | - | NNRC |
| 16 | K FRE | 940 | Fresno, California | 50,000 | 3:01 | - 4:00 | IRCA/ASWLC |
| Mon. Feb. $\begin{array}{r}23 \\ 23 \\ 23\end{array}$ | W CVR | 1320 | Randolph, Vermont | 1,000 | 1:00 | - 2:00 | NRC |
|  | CFFB | 1200 | Frobisher Bay, NWI | 250 | 1:00 | - 7:00 | NRC/NNRC |
|  | K FIR | 1370 | S:eet Home, Oregon | 1,000 | 3:30 | - 5:30 | NNRC/IRCA |
| Mon. Feb. 16 | WMVO | 1300 | Mount Vernon, Ohio | 500 | 3:00 |  | IRCA/NNRC |

NOTES: WCSK-1340. They will use cycle tone and Morse Code IDs, and will run their daytime 500 watts, and nighttime 250 watts, alternate1y. They will also give us a bit of music anx even some dead air! So let's hope the tones and codes will get through even at this very early hour. Reports go to Mr. Lewis E. Minn, Chief Engineer, WCSR, 170 North West Street, Hillsdale, Michigan - 49242. Mr. Munn is most anxious to get some DX reports at his station, so let's try to help him! DAN MYES
WCVR-1320. Mr. David H. Chestnut Jr., Fmgineer at WCVR, is trying to work out a radiation pattern for WCVR, and your DX reports will help him very much. He was most gratified by the response to the previous tests, and he hopes you' 11 all tune in again and report your results. He notes he has not received any reports from East of WCVR. Address: WCVR, Box 1320, Randolph, Vermont - 05060 ESNESTB.

WSNO-1450. We've had this reported to be on Sunday $A M 2 / 15$, and also Monday M 2/9 - we think the Monday $2 / 9$ date is the correct one. We have no info on type pf programming. Address: Mr. Alan H. Noyes, Station Manager, Box 1 - Barre, Vermont - 05641. GABY SBAMFE.

KOFO-1220. For the third year, Mr. Robert Davis, Chief Engineer, will be doing his Proof of Performance test. They'll be on from 1:00 to 3:00 a.m. EST, using cycle tones and plenty of IDs, as he meas ures distortion and carrier shifts. Mr. Davis would like taped reports from those of you so equipped, recxued af $19 \mathrm{~cm} / \mathrm{sec}$, one direction, but ie can play all formats, including cassette. Please do not send your reports to the station, but to Mr. Pobert Davis - 1641 South Main Ottrea, Kansas - 66067. He's hoping for lots of reports! Info is direct from Mr. Davis, whom we thank for this notification.

We'd like to ask a favor - we'd appreciate it if you lads who telephone your Editor on Monday night wald make those calls on Tuesday night instead, uniess you have a last-minute tip for the current DX NEWS, which goes to press with a Monday night deadiine. We like to talk DX with you, but it makes it so much later that we get our typing of Musings - and this page - done that we really would appreciate it if you'c all hold off till Tuesday aight, when I'm generally home. Thank you very much! And thank you for the double-spacing = still one or two who forget - please try to remember to skip a ine between your lines! Thanks:

HEARD SINCE LAST ISSUE: 1090 WI I D EX-WTAK. 1500 W D E E EX-WJBK.
Pemember, the deadine is every Monday for Musings. Let's have 'em, gang!

## MUSINGS of the Members

## R. J. EIMUNDS - Box 946 - Weyne, New Jersey - 07470

Hello again! Once more I shall attempt to recount the fabulous
tales or DX , etc. I started two weeks ago. Actually, 1970 hasn't been too wonderfful yet. This past MM $1 / 19$, was shot due to a feeling of general klah, though I did bag two more items for the FDXC*D. Retroactively, then: DX from 1/1- Only'newie was WIL-1430 o/u WENE/WNJR © 11:44pra, reported \& vericiled.
1/2-WANN-1190 © 3:42pm. 1/4-AN NSP WHBQ-560 per tip from Paul Hart, IDed by the distinctive Drake-FKO jingles © 3:30am; WTAC-600 \& CFCF-600 battling u/WICC 3:50; Cuba-1560 3:55. 1/5- KNOE-540 for a newie w/not enough for report 12: 16 am, WCOV-1170 u/KVOO 12:49, then KVOO slone for report (verified) 12:55. 1/11 Nothing new \& poor CX. 1/12- unID SS-985 @ 12:13am; WABC parasites on 845 \& $695 k$, the former S-9, the other S-6. UnID IA on 1045 \& the fool thing looped too close to WIBS (all 100w) for comfort, hi, @ 12:20. KPMC-1560 @ 12:54; CKCV1280 u/CJMS @ 1:09, then a real goodie in WKY w/s clear ID u/local pest WPAT, w/ WEEN off © 1:17. Finally (\& I must be the last) Dakar-764 w/bellish mx (mx w/a ell-like instrument) \& FF @ 1:29. WITO-1520 w/rr u/KOMA w/WKBW off 1:36; unID $\mathrm{c} / \mathrm{w}$ tester s/off @ 1:39 on 1520 , looped SSW, \& mentioned 1 kw . in s/off but I missed the start of it whilst swinging the loop around. KFBK-1530 heard poorly issed the sar then a new Cuban on $660 \mathrm{w} / \mathrm{no}$ sign of XERPM 2:09; a weak ID from WJAG-780 TEST u/ then a new Cuban on 660 w/no sign of XERPM 2:09; a weak 1 n from in 0 /TT © 2:15; XEDP-1060 a/pest CJRP 2:18, \& snother new TA in FNE-773 @ $2: 37$. 1/14- unID SS on 875 , could be Peru, this @ 12:35am. Also TGTO noted o 2:37. 1/14- unID SS on 875, could be Peru, this e 12:35am. Also IGTo noted on 824 , up from 823 © 12:30. 1/18- CHIR-730 o/usually dominant CKAC w/HI 2:55am; still another new Cuban on 870 @ 3:05; HIED-620 finally logged e 3:18, \& on another Tay lor tip, XEFR-1180 Felicidad, w/WHAM not testing for a change. Finally on unID TT quite strong $u / W I N S / C F R B-1010$ e $3: 35$. 1/19- WOR-710 was testing for a change, but nothing new noted, though PT, who stayed up later says they finally went off, wherein he got WGES, which I need, grr. New CJIC-1050 u/CHIM/XFG W/WHI off © 12:30am, CBA DX logged but unn. Finally KOB-770 w/wABC off eariy e 1:04. I'm still pushing my third FDXC in both categories. 73 for a while.

JOHN JOHNSON - 318 Washington Street - Hoboken, New Jersey
Time for another report, so here goes. The following were heard on my other set, HQ-120: WLEE-1480 Richman, Va., WRYT-950 Boston, WKND-1480 Windsor, Conn., WaLE-1400 Fall River, Mass., WABK-1280, Gardiner, Me., WFHG-980 Bristol, Va., WKBV-1490 Richman, Ind., CHNS-960 Halifax, N.V., WMAS-1450 Springfield, Mass. Speaking of RXes I like the SP-400X \& the $\mathrm{HQ}-120-\mathrm{X}$. The quality of sensitivity in these RXes is excellent \& not as noisy as the others. The vrystal selctivity helps to a great degree in reducing noise. Also the phasing control helps in the rejection functions on signals close to one another. So much for now. 73 s .

ALLLEN L. NISSEN - 203A Norwood Avenue - Lodi, New Jersey - 07644
Hi all! Note the new zddress - I'll be here for about two years. It's not exactly the best DX location in the world - WABC is $\frac{1}{2}$ mile away,
eight other locals are within two miles (WPAT WINS WHN WLIB WADO WMIX WWRL WOR) \& eight other locals are within two miles (WPAT WINS WHN WLI WADO
four locals are within ten miles (WJRZ WHOM WMCA WNEN). I am also' mile from the site of our 1970 Convention - the Hasbrouch House in "beautiful" Hasbrouch Heights (only one mile from $W A B C$, hi). I finally left the P.O. after nine years \& now work for Internal Revenue in Newark (which is why I moved). Unlisted phone here is 201-773-1374. I do plan to become an active DXer again, even in this poor location. See for yourself on Labor Day weekend. As they say here in Lodi, WABC "We "re Approaching the Big Convention" - or - "Te 've giways peen Crazy" hi. 73. YEP - THE BIG N.R.C. CONVENTICN WILL BE SEPT. 4-5-6-7- in HASBROUCK HEIGHIS, N.J.:

RICHARD E．WOOD－U．of Hawaii－Dep＇t of Foreign Languages－Honolulu 96822 Verifications：KWSU－1250 Wash．，CJYR－g70 Alta．，most distant report，CKYL－610 Alta．，KEDO－1400 Wash．，KURY－910 Ore．，first from Hawaii， KLOK－1170 Cal．，KHOW－630 Col．，KIRT－1580 Tex．，most distant report，KREX－920 Col．，CKPG－550 B．C．，most distant positively confmirmed report（hats off to CKPG，a station which really does check reports），KOWB－1290 Wyo．，first from Hawaii．Basically，CX have been excellent but local storms w／lightning，quite rare in Hawaii，caused FNNL around 1／12－13．Reports are out to KELA－1470 Wash．， first logged long ago but only now finally reportable w／two Mexicans looped， KAGO－1150 Ore，another old logging now reported on an unusual night when normally dominant KAYO unheard，1／7，CHWK－1270 B．C．，KMFB－1300，KOGO－600 CaI．，KFJM－1370 N．D．on $r / c$ ，CBJ－1580 Que．，a good logging here where KDAY is overwhelming in strength every night，KNEF－1290 la／r／c，KLAR－1300 Tex．，new unlisted f／c noted second Sat．1：45－2am，KBRR－1230 Col．r／c，KYOK－1590 Tex．，KROW－1460 Ore．，WJAG－ 780 Neb．on TEST，came in fairly well despite WBEM TT，KOYN－910 Mont．r／c，KDEO－910 Cal．，CFCP－1440 B．C．，KWG－1230 Cal．，KEEE－1230 Tex．r／c，KGCX－1480 Mont．Gilbert \＆Ellice－844 has become a nightly regular，even during this Winter season when Pac－ fic reception is not too good，\＆should be possible on WC．Country total rose to 76 heard $\mathrm{w} /$ logging of $2 \mathrm{AP}-1420$ ，but $\mathrm{w} / \mathrm{s} /$ off time only two minutes after that of local KCON SM（And $\frac{1}{2}$ hour earlier all other mornings），chances of taking a veri－ fiable report are slim indeed．Answering RJE＇s question，KGEI is a religious SW station w／studios in Sen Frqucisco \＆XR in Belmont，Cal．Kee is a religious SW
MaRV GARAR－ 2539 Kessler
MARV GARBER－ 2539 Kessler Boulevard－Lincoln，Nebraska－ 68502
Hi folk！MM 12／29 was a pretty good morning despite all the QRN． That AM，WWSD－1090 TEST was heard w／a good signal w／many IDs \＆organ mx from 4：01 － $4: 13$ ；WRYT－950 was quite a bit tougher，had to wait until KIMII ss s／off＠ 4 to eren try but I did get＇em sporadically from $4: 18-4: 26$ mostly $u / \mathrm{KPRC}$ ．I heard Geoff Fox talking to someone about reception reports，and one ID，then lost to KPRC．No luck on any other TESTs except un WBAA \＆KVWO．Quite a bit of TA act ivity also but that s already been in a previous DX NEWS（1／10）．121／5－No si of WKBR TEST，only WATE／KWSU／KALO on 1250；KAST Ore．in well at times o／WSPD 3.25 3：55am w／phone calls from Cal．\＆IRCA plugs．MM 1／12．CFFB－1200 heard 0 Iam after WOAI＇s s／off）w／ID，then CNC NX until WOAI FY w／AXR $1.06-1.120 \mathrm{~m}$ signal was then lost for l－2 minutes（during pre s／off info）but faded up for son thems（GSQ \＆Oh Canada）－carrier off © 1．151 ．Tape an－ Frobisher Ray instead of Ottawa w／hope．1hat＇s Proyince 48 soport sent to WEBC KIUC KORL KTKI KMER－TECT CKVI WHSM KOSI $1 / 3$ DX NEWS on 1140 is while CKXL is NSP w／rr．probably CKXL．KGEM is，I believe，c／w \＆s／off © 3 am ， －

DICK TRUAX－ 5101 Tamarock Drive－Charleston，West Virginia－ 25312
Good DX CX continue to prevail here；in fact I can＇t recall such a long period of relatively stable $C X$ in the past three or four Winters．MM 1／12－ WJAG－780 TEST Neb／w／TT \＆IDs e $1: 15 \& 1: 18 \mathrm{u} / \mathrm{WREM}$＇s 0C，WCAZ－990 I11．＠ $1: 20 \mathrm{am}$ w／r／c．KOB－770 N．M．w／NBC Monitor \＆ID © 1：28 mom for State \＃$\# 0$ logped．KUDI－1380 Kans．＠2：38am o／WBNX W／rr \＆SIDs．Ary one needing Montana？A sure bet is KOMN－ 910 on every second MM from 2：45－3am $\mathrm{H} / \mathrm{TT} \& \mathrm{CW}$ IDs every five minutes－heard in 0．Ky．\＆now in W．Va．for State $\mathrm{P}_{1} 1$ ．Unn semi－local WNXT－1260 0 ．wes on 2.10 on W／Special giving address for reports．CKIM－1570 Que．noted first time in months w／FF ID \＆max＠3：20；KFX－1190 Ore．o／KRDS＠3．20 w／two STDs \＆ for State 肘2，real nice simal，a good KLIF is not AN．Very nice loos taken opportunity for many to log this one while am w／rr．Oops，it appears I may have spoken too racn One，Great Britain © 1：4 night， $1 / 16$ ，I notice a very fast flutter on too soon about CX being good．To dicative of a possible Aurora．Time will保

PNL KILROY－ 2113 Fort Davis Street S．E．－Washington，D．C．－ 20020
DX from 12／28 to $1 / 12$ has been fair．12／28－RTF－863 Paris e 1：10． 12／29－PrT－944 weak © 1：18ara．Agadir－935，s／on in FF © 1：30 \＆into $A A$ mx e 1：32．

Hilversum－1007 w／talk in DD © 1：35am \＆ID＠2．CKCM－980 Que．I\＆C \＆ID＠2：15． Portugal－755 in EE＠2：22am．1／2－R：Montserrat－885 excellent signal＠7：22pm w／BBC NX．1／12－CJET－630 © $1: 3$ am for first time in two years．WJAG－780 TEST heard weakly $u$／consistant WBBM OC from 1：53－3：19am，also QRM from YVOD．

BILL ALISAUSKAS Jr．－ 7 Avenue B－Haledon，New Jersey－ 07508 Greetings to all once again．There isn＇t a heck of a lot to report this trip，but since 1 m home in bed $w / i n t e s t i n a l$ virus，i figured I do something to keep me busy．I managed to hit tie dials SM $1 / 18$ \＆noted unm WIl－1430 w／c／w＠2：COam while in the car， house，new ：：INN－1240 © 3：12am w／mention of Louisville temperature \＆then nowie WBRC－960 © 3：16 on an otherwise empty channel．I also noted unn WAVE－970 about the same time－I thought it was WWSW first，but ID set that straight．Also， there was an unID on $970 \mathrm{w} / \mathrm{WAVE}$ ，it＇s anybody＇s guess who it was．One last note I noted a s／off on 2420 today $1 / 19$ © $4: 45 \mathrm{pm}$ ，s unded like WLIS，but I don＇t think they re on that late，are they？（ $4: \$ \mathrm{c}$ ，would be their Jan．s／off time－ERC） Well anyway，enough from me - good $D X \& 73$ ．

KEN LYON－ 8415 Goodrich Road－Clarence Center，New York－ 14032
I received my new WRIH \＆it sure is worth the money，practically in－ s甲ensable for DXing．DX this week：1／11－WCBL－1290 5：31－5：43am w／f／c－TT u／se－ vere QM from WFBG／WIRL．1／12－WGST－920 © 3：18am，sounded like RS，but I thought they were off now，possible EI？（Ice storm－ERC）WKLO－1080 heard © $5: 33 \mathrm{pm}$ u／ WIC \＆very rough copy but enough pulled out for log．1／12－WBUX－1570 heard（e） 2：03am w／ET／TT about even w／CKIM． $1 / 15-$ WTJS－1390 heard $2: 19-2: 30 \mathrm{am} \mathrm{w} / \mathrm{f} / \mathrm{c}-\mathrm{TT}$ ， rough copj u／WFBL．1／16－WLET－1420 heard（2 1：31－1：47am w／f／c－TP u／WHK w／phon－ etic IDs．Veries this week：WCRV，WDEL from member Joe Jones who threw in a little racchew after verie statememt，WDSM very attractive $v / \mathrm{g}$ ，WLBB whose CE as was surprised I heard them W ．

FRANK IaBELLE－ 319 Beaubien East－Montreal，Quebec－ 326
Greetings from America＇s 5lst State！（Not yet，but very soon hi）．CX have been very good lately，especially on $12 / 2 c$ when I had my first SA sjation，la Voz de Anticquie on 750k．Details to be found in IDXD．For those of you who may wonder：Quebec stations can be reported in either EE or FF w／the exception of those flea－power stations located in far－out rural areas where FF＇d be preferred．To tell the truth，the predominant language in que．is Jouri （a French－rrlated dialect）\＆not FF itself \＆most Quebeckers know EE．Also， Quebec is soon going to become America＇s State \＃51 \＆then language barriers and problems will no loneer exist，hi！Now here＇s an NRC Scoop：DXers who hear unID puts carmin＂The world Tow here subscription to ＂ThexPlain Truth＂magazine．It is a FREE full－color news magazine that contains the complete＂World Tomorrow＂radio－TV log．Send your request to＂The Plain Truth＂masazine，Box 111，Pasadena，Cal．91109．Also available in SS，GG，DD， FF \＆Esperanto（？）．73s．（Nice to hear from you，Frank，\＆we hope you＇ll Muse often－please double－space？？－ERC）

DAVID SHAPIRO－1812A Hillsdale Road－Immchburg，Virginia－ 24501
Since my last Musing one $v / 1$ from WMUU．On 12／29 \＆ $1 / 3$ I heard KFI－640 u／CMO about l－2am，also KOA－850 s／off＠ 2 am on $1 / 3$ also．Those stations are much wanted because this is the first time I logged two new states．Does anyone have any＂States of the Month＂from past issues of IRCA？I would like to have the following states：Cal．Tex．Ariz．Neb．Kan．Okla．N．D．\＆S．D．Any of them will be highly appreciated for I em trying to log those states besides Cal The format of DX NEWS keeps getting better in each issue．I hope that in the future you will decide tc hold a Convention in Va．because of several reasons． It is located centrally in the $E$ ，public transportation is excellent in the large cities，\＆all the larger cities have over five BCB stations in which to visit． Pichmond，Roanoke，\＆Norfolk are the largest cities in my state in which to hold

- One \& they have excellent hotels, \& their rates are low compared to other cities on the EC. Anyway please think it over a to HOST have. Good DX to you all are chosen from bids by VOLNNTEER members to make ALL the arrangement The sites Conventions and side trips, meals, etc your bid for the 1972 Convention, as odd years are so offering, then we'll enter

MICHAEL BAKER - 8715 First Avenue - Silver Spring, Mary land - 20910
Please aceept this, my first Musing since joining NRC in Noverber. Ry way of intro. I am 29, a pharmacist, anc have been DXing off \& on sinc 1957, with sustained interest over the last three years. My RX is a Hallicrafters $S X-122$, w/a $15^{\circ}$ wire dangling from my fifth floor apartment. I hope one of these days to force my ten thumbs to attempt to build something resembling a Recent DX: 12/15-WCVR-1320ws: Stations 411/94, states 35/29, countries $14 / 6$. tone barely audible (C-1320 TEST (my first Vermont). 12/22-WJh -900 TEST miles from Del. \& their la but got good ID @ 12:50 s/off. Here I am, 60 unn KPRC-950 @ 12:02am w/rr \& WIBX -950 s/off 12:06. In the new year brought in $4 \mathrm{VEF-1035}$ @ $7: 34-8 \cdot 15 \mathrm{~m}$ w extractable from WBZ $W / M O R$, NX, \& mailbag program. Report off next day faiti station. $1 / 5-$ CBW-990 @ $2 a m$ NX, prairie $W X$, Report off next day; my fi st heard them in years. WQXI-790 @ 2:22, WRCH-910@ @ \& s/off, first time I have BBC-1088 @ $2 ? 42$ mostly covered by WBAL WRCH-910@ $2: 28 \mathrm{~W} / \mathrm{WX}$ for Hartford area; -960 @ 5:10pm s/off. 1/12-Unn KIMN -950 @ 2:17-1390@ 3:32 u/WEAM OC. 1/9- WHAK vation. $1 / 17-$ WBRY-1500 @- Unn KIMN-950 @ $2: 17 \mathrm{k} / \mathrm{program}$ about wildife conser1:42 w/MoR mx. Enough for now, w/far-right political program; uxa WBMD-750 ©

RICHARD T. EDDIE - 152 West Rose - St. Louis, Missouri - 63119
Greetings! I enjoyed the get-together at Charles Wehking 's New Year's pre Nuch L to report so we 11 down to busines. Most ine first. Tues. $1 / 20-$ WEAS-900 Ga. w/r/c 2-2:06am tuneout. MM Wis. TEST 1:03-1:16am tuneout \& end of test. WTAR-790 Va. W 1/ 19- WISV-1360 tuneout. Is this a $\mathrm{r} / \mathrm{c}$ ? KGBS-1020 Cal. for report $2: 30-2: 58$, cmn K08-770 s/off zam unn. KGHL-790 Mont. s/off 2:03, KWKY-1150 Towa w/f/c unn KOB-770 N.M of test. SM 1/18-WDLM-960 3:50-4:17pm, unn. WJR -760 Mich . I have noticed them. Fri 1/16-WSAU-550 Wis. 1:30 1/12- KROD-600 Tex. 1-1:09am, WJAG-780 Neb. TEST 1:11, KFYR-550 N.D. 1:31am. MM from WBEM OC testing, KFBK-1530 Ca1. 1:50-2:06am tuneout, $1: 38$ am tuneout W/QRM 2: 15am, KRAK-1140 Ca1. s/off 2.32 mm KG0-810 Col DX 2:071:09pm. Also that day I enjey Louis. MM $1 / 5-$ WSBA- 910 Pa . W/20-20 WJET-1400 Pa. @ $3: 28 \mathrm{am}$ Pa. W/20-20 sports @ 1:40am, KILT-6́10 Tex. 1:56-2:20, few others heard be ern Tazz nearing potram hosted by Leo Chears - I hope you all hear them now. I must be nearing 30 lines so I'11 close now w/mu totals- $780 / 367 ; 42 / 39 ; 5 / 5$ \& $13 / 8$. Lat est veries: v/q- KFBK KOOL KUOM CHOW WGH. v/1- KFRE WEKG-TEST KILT KTKT KWPCTHR WRA, latter for $8 / 25 / 67$ report, no f/up. Still no veries from DX TESTs NERN \& WVAB this season \& KECK last season. Good DX to all \& remember your AN station is my DX station, hi? 73s.
J. W. BRAUNER - R. D. 1 - Box 61 - Punxsutawney, Pennsy1vania - 15767
space, we hung it te it, unused, it swings back acainst the in use there's plenty of room to rothe floor. Iots of fun playing w/daytime wal. No cumbetsome base clutters up 1400, or WWM/WFAR-1470, etc. It etc. I tried to null 10 . WACB heard long-wanted WFSR, Bath, N.Y. New calls added to log go, but in trying, I w/flood \& landslide emergency. Unn WRTC-540 also to $\log 12 / 31$, WAFI-1560 AN storm took out a high line here, ending DX for nine hours. Same PM, I heard

WAYD u/WOWO @ 5:30pm. I thought WAMB in back but no sure ID. The two s/off @ 5:45, one SSB, one Dixie. New Year began w/WKYX-570 at midnight u/WKBN. WFSR heard © 4:20pm on 1/5. New AN WGOW-1150 on $1 / 6 \% / \mathrm{u}$ CKOC/CJRC @ 1:30. Finally I heard one of WKOG's many ETs on $1 / 17$. Too many call changes, cleaned up a couple. After months of trying, I finally logned WCVU u/WSLR-1350. Suddenly came in I\&C @ $7: 30 \mathrm{am}$ on $1 / 18$. Also I added WDEE-1500 MM $1 / 19$ @ 18 m , WTOP off before that, even so, KSTP almost covered WDEE as they left air © 1 (WGEE left!) That same AM trying for WVOJ- 1320 who before change was often easy through 10cal WJAS in PM, hoping for $5 \mathrm{am} \mathrm{s} /$ on w/local off, heard CKEC instead, the N.S. signal stayed way atop till past $t: 30 \mathrm{w} / \mathrm{no}$ trace of Fla. (Joe, WVOJ is AN-7, $c / \mathrm{w}-\mathrm{ERC}$ ) New one anyeay \& first N.S. newie in years. Only one recent verie, nice unrequested $v / 1$ from $\mathrm{KFRE}-940$, heard $u / C J G X \mathrm{w} / \mathrm{s} /$ off © 4 am on $1 / 6$. Log says offe © 3, so I asked them, \& they say RS s/off now 4 am EST. I had not heard him since move from 7340 in "48. No $i^{n c k}$ W/TESTs, may have heard WISV, IT there on sked, one ID sounded like they, not sure. WBLF still on 1330 but formerly a strong daytime local signal, todah so weak I had to use loop \& 1isten $1 \frac{1}{2}$ hours to ID him. 73 .

JOHN W. HOOGERHEIDE - 3 Marquette Drive - Marquette, Michigan
Last new 1969 log was new call letters - WDEE (Big "D")1500 for old WJBK Detroit, $12 / 31$. This is all c/w format now, so 1969 finishes w/1,192 logs. 1/5-First new 1990 log was a very weak KXYZ-1320 Houston © 2am s/off u/CKKW, the latter on AN MM now? (Has been for two years -ERC) On 1/7 I finally logged KOTA-1380 on RS © 9am. I have been trying regularly for $2 a m \mathrm{~s}$ off MMs but $2 t$ 's been all $\mathrm{KWK} / \mathrm{WBNX}$. Ihis one used to be a powerhouse when I lived in Milwaukee in the late 40 s but is virtually inaudible at Marquette. No DX till 1/16-WDXR-1560 s/on 6:30am w/SSB, WQXR \& another on by then; WRNW -1560
 WOC-1420 $1: 25 \mathrm{~s} /$ off w/orchestral SSB. They said $5: 55 \mathrm{sm}$ s/on $\mathrm{KMOE}-1420 \mathrm{~s} / \mathrm{off}$, 1:30 w/orch SSB said 6.30 s/on both as per NRC 1:30 w/orch SSB, said $6: 30 \mathrm{~s} /$ on; both as per NRC Log. I doubt if Specials CBA 1070 or WISV Were on; all KNX/Colombian on 1070 \& WBAY on 1360. SS noted atop $1140 \mathrm{w} /$ songs @ 1:30, nothing between songs, only a twice-repeated whistled IS.
I wonder if SS WQBA was on RS this AM? Heard w/weak \& fady signal from 1:30-2 I wonder if SS WQBA was on RS this AM? Heard w/weak \& fady signal from $1: 30-2$
w/no talk but this twice-whistled IS between each record. The jammer was rough. w/no talk but this twice-whistled IS between each record. The jammer was rough.
Still on $\mathrm{w} / \mathrm{whistled}$ IS @ $2: 15$, Someone tearing up $950 @ 2: 20 \mathrm{w} / \mathrm{real}$ swinging $\mathrm{c} / \mathrm{w}$ Still on w/whistled IS @ 2:15, Someone tearing up 950 @ $2: 20 \mathrm{w} / \mathrm{real}$ swinging c/w
mx on a test; IDed © 2:30 as WXGI Richmond Va. \& back into hoe-down. That whistie $m x$ on a test; IDed @ $2: 30$ as WXGI Richmond Va. \& back into hoedown. That
IS still on 1140 @ $2: 45$ \& no voice yet. I remember a Cuban reported here makes more sense than WQBA now.

JAN BURGER - Van Blommesteinstraat 4a - De1ft 2203-3, Holland
Hello again! CX have been quite good the past two weeks. Peaks were noted on $1 / 6$ \& 1/7, while on $1 / 10$ strange reception occured. EC very weak \& Central U.S. quite good, so I suppose polar route was the best that night. It might have been possible to hear the WC but I fell asleep. It was also a Saturdy night \& almost every frequency was covered. That means for my RX 5 k inaudible on both sides of the used frequency. AN channels here in Europe are: 529548557 566575584593611665683692701728737782800845854872899917935971
 $\begin{array}{llllllllll}1502 & 1538 & 1554 & 1570 \quad 1578 \quad 1586 \quad 1594 & \& & 1602 \text {. Almost all are German \& thus almost }\end{array}$ a.11 in loop direction of America. Anyeay to DX: 1/5- WORK-1350 fair o/u WCVU @ $6: 45 \mathrm{~W} / \mathrm{rr}$, WOND-1400 weak in mess © 8:15pm w/phone program. 1/6-WEAN-790 R.I. (state \#28) good @ 7:20pm w/hockey; somewhat later CFDR-790 fair o/WEAN @ 7:35 w/ MoR, WLBZ-620 fair u/CKCM © 7:10 w/BKB, WGN-720 weak @ 8:25 w/talk. 1/9-WJR-760 quite good © $6: 45 \mathrm{w} /$ hockey. $1 / 10-$ WHO-1040 weak $7: 35 \mathrm{w} /$ sports info (state \#29). 1/12-CKEN-1350 weak o/u WCVU @ 7pm w/WX. 1/15-CJSO-1320 good./WGMA/CKEC @ 6pm w/WX in FF, WMID-1340 good @ 7:20 w/rr. Only two veries in, both v/qs: CBE-1550 \& WENE-1430. At the moment strangely not a single reply to all my reports sent in November (WEAV WGMA WEZY WNBF WPOW WEGP CKPM CBY). Christmas postal troubles? No new member kit received so far! 73s.

PAT TAYLOR - 106 Prospect Street - Nutley, New Jersey - 07110
I've been out of school since $12 / 19$ \& don't start the second semester till $1 / 28$. Six weeks of great DXing, right? Nope, about four weeks of studying! I just finished exams so the last two weeks have been free, but not really too much as far as DXing. I wonder what happened to all those TAs of Oct. \& Nov.? I see my first Muse went ondy to $12 / 2$, so here's some DX since then: $12 / 8$ - WTTI-1530 heard w/great signal on NNRC TEST w/IT e 1:28am. 12/9- WMIT-1330 w/ TT for most of the night, still no verie. 12/18- I finally picked up Tirana1088 © SSS © 4:50pm. 12/19-Another new country (\# W/Agadir, Morocco-1196 © SSS @ 5:35pm; ECS1-1385 Madrid also heard that night © 6. 12/22 - The "big" night brought in five new stations: BBC-1088 @ 1mm, BBC-1052 © 1; WREM-1000 @ 1:26; KXRB-1000 poorly w/TEST @ 1:50 for state \#\#7; \& WTTO-1520 @ 3:38am. Next morning 12/23 I got country \#45 w/Poland-1502 © 12:01am. 12/24 brought best TA for me yet w/Covi1ha, Portugal-1562 wel1 u/Swiss @ 2am. 12/29 brought in Wales881 @ 1:30am; also heard fine NRC TESTs from WRYT \& WKND. KOKA-1550 also testing for one ID © 2:19am. New year totals now up to 1,422 heard, w/almost 300 verified. 1/5 I finally got KRDS-1190 w/good signal @ 2am. Look for an easy catch in WIOS-1480 Mich. who test w/IDs in code on first Tuesdays from 12:30 to 12:45. 1/12- I managed to hear all trree tests, CBT-540 ID © 12:30am; WJAG-780 very poor w/TTT/ID @ $1: 15 \mathrm{am} \&$ finally WNXT-1 $60 \mathrm{w} /$ lots of FM from WNDR @ 2:05am. The past MM brought me six new stations, most in a long time. I began w/WBBO780 on ET playing old pop songs until 1:29am, then WSLV-1520 on r/c w/their Dixie until 1:35am. Two Colombians long heard but unID in HJDB-990 w/RCN ID @ 2:15 \& HJER W/RCN @ 3:10am. YNX-750 fine signal @ 2:46am \& WPAQ-740 ending test @ $3: 30 \mathrm{am}$. A1so many unid LAs, w/one on $700 \mathrm{u} / \mathrm{WLW}$ W/ID "La Voz de A---® $4: 50 \mathrm{am}$. Anyone know if Quito is on them \& if they program w/nice light SS at this time? Also IS on 780 @ 5am just before WABC OC, sounded much like HISD IS used on 620 .

CARPER SCHOLZ - 5 Somerset Road - Tenefly, New Jersey - 07670
And with the coming of 1970, the $\log$ grows. Unavoidable circumstances have been keeping me from the dials more than I like, but since the New Year, I've been able to add the following to boost log totals to 244: WERA-1590 N.J., WGCH-1490 COnn., WLNA-1420 N.Y., WWLE-1170 N.Y., WTBQ-1110 N.Y., 211 of these logged daytime $1 / 3$. That same night, all after midnight, I picked up TIQ1205 Costa Rica, WTMJ-620 Wis., WMAL-630 D.C., WAAY-1550 Ala. (taped \& reported) WADE-1210 N.C. (u/WCAU on test). Then SSS 1/4, WFAX-1220 s/off-SSB. SM 1/11 found WHK-1420 0. \& CHOW-1470 ont. (s/off at 12) around midnight. Over the foilowing weekend I mounted the loop on an old telescope stand (altazimuth, you see) \& was greeted by a deafening signal from KWMT-540 Ia. just prior to their 6:45 $\mathrm{s} / \mathrm{off}$, which let CBK through. That night the loop eliminated enough of WRKO to let WPTF-680 up. And on 1/20, everything was topped off w/week EE signals on 535 which came in w/an AST TC, leading me to believe this is the fabled Windward Islands Broadcating System. And if I'm able to gyp school one of these MMs...!
RICK VITTI - 48 Hoyt Street - New Canaan, Connectaçut - 06840
Hi, everyone! Since this is my first Musing, I feel it is time to tell you of myself. I'm 15 years old but very close to 16 \& I am a sophomore at New Canaan High Schoo1. DXing hasn't been too good to me lately for the reasons that I need to get a new RX, \& my antenna has fallen twice in our violent storms we have down here (grr). At any rate I hope these factors change soon. My toveries include $174 / 120$ in six countries, 28 states, \& five provinces. Latest veries include v/c KMOX; v/q CKTS CHUM CJMS CJCB WJWL-TEST WSAN WMAQ. v/1- WEAM (high kilf). SKAC CJRP WRNL to mention a few. I must go, gotta get back to 4-9 (high klif). So until next time, best DX wishes. 73. (We 1come to the NRC, Rick, \& welcome in Musings to you any time - often, we hope! -ERC)
C. L. HuTV - 1521 Fama Drive - Atianta, Georgia - 30329
eard. This is my first DX since 9/1; no new stations - no Specials
heard. MM 12/28 was my first session, CX good. KNX-1070 Cal. loud from 12:30-1

INTERNATIONAL DX Digest
Propagation a Features Gordon Nelson, 19 Irma Ave. Watertown, Mass. 02172

MASARAH ISLAND. According to a Benelux bulletin just received here, the BBC relay station on this remote island was heard on 201 early last winter in Europe. This means there is a chance in North America - although scarcity of reports from Europe on this one suggests either that the antenna pattern is highly unfavorable to the North and West or the station is not operating on 701 on a regular basis. Look for this one with BBC World Service around 2200. (Ed) INTERNATIONAL WATERS (NETHERLANDS). Veronica is back on 1562 after a short stay on 1578. (SCDX) Confirmed by reception here in Massachusetts 1/27. (Ed)
ANDORRA. According to a letter from one of the DJ's at Radio Andorra, there are currently no English language programs being transmitted either by 701 or 818; reports to the contrary notwithstanding. (SCDX)
HAITI. 4VWA, R. Citadelle has moved to 1348 from 1500. (EDXC)
LUXEMBOURG. The Flemish language programs previously aired by R. Luxembourg on 1439 have been replaced by German for financial reasons; schedule in German is now 0015-1330. (SCDX)

FRANCE. ORTF will put two high power MW stations on the air from Calvi, Corsica on 1178 and 1412. (SCDX)
ALASKA. A filing has been made for a station in Nome on 780, 10/5; this will be a noncommercial religious station. (Taylor, Mass.) Pete's informant also adds that KFRR-900 is looking for another channel because CJVI and other Canadians are giving him trouble; KYAK is unhappy with their 25 kw DA coverage and may seek a frequency change.
ISRAEL. According to the Minister of Posts, Israel is to build two new radio stations. "Ome will be able to transmit to all parts of the Middle East and the other to distant areas. A 600 kw transmitter will arrive in Israel soon and will be used this year. Another will arrive early in 1972." (Ed)
AFGHANISTAN. Radio Kabul will put a new 25 kw MW station on the air within 3 months; equipment supplied by West Germany. Frequency unknown; since they put the last transmitter on 1280 even, I'd suggest $1340 \ldots$ (Ed)
LIECHTENSTEIN. During forthcoming negotiations with the Swiss PPT, this postage stamp country will claim full sovereignty regarding radio and TV; hopefully this will result in a station in this Principality. (EDXC)
ENGLAND. According to a pressclipping generously provided by Ken Brownless of Medium Wave News, the BBC has reversed its earlier policy of restricting the local broadcasting network HF only. Local radio programs will be carried by a number of low-powered ( 2 kw or less) stations on 1484 and 1594 - the European Cormon Wave channels. Twenty local stations are to be operating by this fall and twenty more within 4 years. Should give Ramsgate/Barrow a bit of competetion on 1484 !

CLANDESTINE. The "Voice of Cyprus" changed its channel on $1 / 18$ from 629 to 674. (ed)

GLENN HAUSER: frequency of Beyda-1124 as measured on $1 / 25$ was $1124.000 \pm 5 \mathrm{~Hz}$.
(Editor)

## IDXD Monitor Reports

Members' Loggings:
Bob Foxworth, GPO Box 2111
New York, N.Y 10001
Tel Tip No; 212-532-0844. All Times are Eastern Standard. Windward Islands. Assumed to be the one here at $2040 \mathrm{l} / 20$ with AST TCs in EE and calypso mx. Verv weak, imrossible to get a solid DF but looped roughly correct for west Indies. INL made rough copy, but, who was causing the l kc het against them? (Carter Scholz, Tenafly, NJ) (welcome to IDXD) ngary? 1 kc het on the low side of 540 on $1 / 7$ was possibly faded.
555 untD. Carrjer w/snatches of audio (love theme from Romeo \& Julliet) at $21581 / 4$. Gone by 2200 (Scholz) (likely YNS)
575 W. Germany. SDR Stuttgart-huhlacker probably the German stn here on $1 / 72050$ to after 2200. Was peaking over $s-9$ and was quite gond despite local WGMS-570. Pop and big-band instr mx and occasional ancts by man; seemed to be news at 2100 and 2200. No definite TD hrd; taped rpt sent. (Merriman, Va.) unID. While listening to German, above, a 2nd stn came on at 2102 with 1000 cvcle tone, lasted of $f$ and on until 2108. Weak and way under the German. Several interesting possibilities here. (Merriman, Va.)
593 W. Germany. Frankfurt hrd w/fair to good audio, s-3 to 5, with talk pgm 2338 12/28. (Edmunds, NJ)
600 Colombia. Redio Libertad, Barranquilla blasting in with ID 0327 l/19 with no Cuba, HJHJ good in all loop positions but using longwire, I had CFDC pretty well. Strange. (Hostettler) domestic. WNBC spur quite strong here, eve l/é20 about 2015 but gone at 2115 recheck. (Scholz, NJ)
650 Alaska. KYAK believec the one with C\&W mx under WSin 0153 on 1/17; very noor, best I've gotten on this one yet; (Pejza, Cal) Hora Nacional", poor modulation, again, no ID but only s/off and was at end of pgm. Is noot from XERPM which is regularly heard here. (Pejza, Calif.) buin. Sevilla RNE hrd $12 / 29$ at 0223, good signal at times but rough with 680 splash. (Raczko, ohio) $1 / 17$ a E. Germany with WLW; LBG Savs this is call, per QSL (Pejza) patchy audio. (Ecmunds,NJ)
764 Sénégal. Finally logged Dakar with bells fand horns mx 0129 $1 / 12$ and with FF ancts, must be last ECer to log. (RjE) + Dakar had to be the one w/chanting, drumming 229 1/19. Carrier auite good but weak audio. (Hostettler, Ninnesota) +Sometimes I see reports of Dakar "in Arabic". Arabic is not spoken in Senegal and Dakar does not bropdcast in Arabic. Qu'ran (Koran) readings are of course chanted in aA but if AA is positively icentified as being spoken in regular pgmg, it is not Dakar. Let's have more accurecy here. (Hood, Hawaii) Venezueln. YVOD QRMing WJAG test, then in clear 0332 ?hi/12 with ID. (Pejza, Calif。)
780 Barbados. Apparently the one with relig Dgm in EE $0445 \mathrm{~d} / 12$ then disappes red uncer SS (I believe with Caracol ID 0453)

780 Brit. Virgin Islands. ZBVI s/on $05001 / 12$ with GSQ, station info, religious mx, ads. (Pejza)

+ B.V.I. finally logged $12 / 290500 \mathrm{~s} / \mathrm{on}$ but faded sëconds later and back at 0529 with religion, wx, spots. Fine signal when it's in, but fades are fast. (Raczko, Ohio)
810 Colombia. HJGY Bogotá booming in $04181 / 12$. (Pejza, Cal.)
324 Guatemala. TGTO is here now; hrd with 1 kHz het against TIOS $00301 / 14$ with $m x$ and talk. (RjE,NJ)
 rock mx $03261 / 17$, faded by 0350. New xmtr apparently in use now. (Pejza)
+Probably the stn here 0250-0405. Signal weak and with much static. Musical pgm in EE and other lang. One gong hrd at 0400, did not hear 4 gongs as stated in FRTVH. Reception on 1/19, taped, no definite ID hmd. (Dennis Vroom, San Pablo, Cal) Cuba. CMDN Guantánamo hrd $03051 / 18$ playing, of all things, "Guantanamera" (RjE) (yeh, bet they pay ASCAP royalties, too) The milano I excellent $1 / 7$ around $2 l 30$ fully as strong as anyone on 900 audible at the time. Was // Rome- 845 but was stronger. Since hearing them for the first time this past Fall, they have become a regular. (Merriman, Va)
(RjE) (pgn, Radio Ifesa?) Peru? loops vaguely that way but not strong enuf. (RjE) unID. LA looped towards area of Antilles; either oc or very shallow modulation $00301 / 12$. ( RjE )
Dominican Rep. Radio Amistad correct cali here is HIJM and not HIFM as I reported earlier. (Merriman, Va) Lithuania. Regarding $1 / 10$ item, Lithuanian for "Lithuania" is "Lietuva" with stress on lst syllabled (Wood, Hawaii)
167a Colombia. Stn I'd reported as perhaps being Radio Colosal ( I . Colosal is some time. That's what happens when you put blind faith in WRH and don't check back club bulletins for correct informa tion,hi.(Merriman) (allright, class, write 100 times, I won't throw away my old DX Newses...)
$($ Wood $) \leftarrow$ Alaska. KJNP North Pole 0509 s/off $1 / 19$ after SSB very good exico. XEFR had a clear pelicidad de méxico" ID 0325 1/18 in mx pgm. (RjE) (note, on a SM, WHAM normally silent SMs) Costa Rica. TIQ good almost every SN to $0100 \mathrm{~s} / 0 f f_{\text {. Hard to }}$ believe thev're 1000 watts. (Scholz, NJ)
1331 Italy. Roma I hrd with exc sigs, knocking local VEVD around 0109 1/21; (RjE) unID. Had $0101 \mathrm{~s} / 0 \mathrm{fl}^{\prime} \mathrm{l} / 11$, anthem not $\mathrm{SSB}, 0$ Canada, GSQ or the Cuban anthem. Who else is possible heare? (Scholz, NJ)
1394 Spain. Re RJE's "sync commonwave", there are no synchronized comnon waves in spain; all stations or e separate and independent although they may belong to the same network and relay news from RNE and some programing from their network HQ stns in Nadrid, or others on the network, at times. But this is very different from true sync common waves like BBC-12l4 or ORTF on l403. (Wood, Hawaii) (Tnx for clarific tion, Richard-Ed.) W. Germany. Saar $s-901191 / 21$, cutting up domestics on 1420 ; part monitored was all talk.
France. Hrd w/mx, talk $01001 / 21$ a bit weaker thrn on 1493 hrd same time. (RjE) (some listed here as Rdf. Télévision krançaise Inter; some as Inter-Variétés.) (all for MR this week)

TA cx were very poor this week, with not a single deep European logged, not even 1586. Nonetheless, 2 new countries were logged, total now 45, and some interesting daylight-path reception. I have located one offending flourescent light but have many more to go before the noise level will permit any really good DX. Unfortunately, most African and Pacific stns tend to be low-powered and the megawatts of North American RF have the auroral zone to penetrate.
535 to 599 No loggings. I have the same problem with FDXC that you do!
630 Thailand. While WRTVH 70 is a considerable improvement, it has a long way to go to accurately reflect the Thai situation. HSKK, Radio Thailand, Khon Kaen is, of course, here and not on 660; a local, but logged at $18251 / 19$ with a chimy Thai song. (had to double-ckeck that spelling on "chimy", thot you'd said something else for a second, hi-Ed) So. Viet-Nam. Hué listed, perfect signal at $14451 / 19$ with North Korean off, playing such Eng. standards as "Till there was you" "Try to Remember" and "Two different Wor1ds" (how true!) but w/ancts by girl in Vietnamese. This outlet is missing from WRTVH 70. (Past reports have 1 isted as here, i.e. 654, and not as 655. Nominally 650, tho. -Ed.)

660 USSR? Jammer "GB" fair at 1423 1/19, also some audio and didn't seem Russian, maybe Chinese. Gave Morse ID twice, slowly, at intervals. Het from 661.
670 India. Calcutta good at 1125 1/17 with sitar mx // 730 (East Regional Svce) and talk at 1130.
705 Thailand. Stn here appears to be NSP.
725 Thailand. HSWK, Nakhon Ratchasima, excellent reception at 5 miles or less...glad to see it's penetrating the megameters and logged at1905 $1 / 14$ because in relaying HSK $5-6070.5$ SW Bangkok feeder, it was also relaying EE audio from Tor ${ }^{3}$ on 6105 // 674.15. Evidently a case of external mixing at the xmtr sites for I could hear same mix on 6070.5 .
740 Cambodia. Don't know how I overlooked this before, Radio Phnom-Penh, La Voix du Cambodge, only 295 miles at 1825 1/4 with nondescript mx, 1829 ID in nondescript lang (how about Cambodian?-Ed) then in French as"Chaine Internationale" giving 6090 and 740 freqs, then $n x$ in French by YL, QRM from a low het, maybe slightly off freq. At 1848 retune, $n x$ in Eng by man, at 1859 mx IS and ID by YL, giving other GMT times for Eng, then French ID, LA vocal mx. More like 120 than 20 kW here, don't use listed calls, country 非4.
743 a Jammer. "DU"' Morse ID twice at intervals, 1655 1/19. Perhaps part of the mess centered on 750 against BCC from Comnst China.
760 Thailand. None listed here, lively group singing, similar but
not // 725, at $18551 / 17$. By the way, have yet to hear VoA! Iraq. Hourriyah, ME nx at $14151 / 19$, a hair above 760.
792 1444. Had RS in Korean after 1500.
Philippines. Speech in EE and another lang, noted after Singapore-790 s/off $11301 / 18$ but tough copy due to noisy ceiling fan. At 1142, played "Val-de-rah" (I remember it too, also, don't know title spelling,hi-Ed.) and for next quarter hour had Eng ancts, long pauses, native mx. At 1159, ment "here in the Philippines"... 5 listed on 790 ; similar confusion on most other channels. Chis country both the USA and the Cuba of the Orient, hi.
860 Malaysia. Radio Malaysia, Penang (English) $18331 / 15 \mathrm{nx}$ abt Malaysia, QRM and low het from Chink. Only 676 miles.
860 China. Lanchou, Kansu, only one listed, good at 1835 1/17 with YL talking in seemingly un-Mandarin lang. (note adjacency
8691 western part of Inner Mongolia A.R.; likely local dialect) Thailand. As on 760, unlisted; noted $18581 / 17$. This may be the het often noted on NSP Saigon-870. At this time, 7am, the Thai was 1 s-unit weaker.
965 India. Cuttack good with sitar mx 1200 1/17.
970 So. Korea. (?) Believe HLSA was the one in Japanese talk at
1040 1155 1/17; too mahy hets, both sides of channel, to count. So. Vietnam. Australian Forces, evidently s/on 1745 1/19, way under China, but did catch words "studio and transmitter ...Vung Tau" so perhaps that's the QTH. Penang also QRMed.
1040 Malaysia. RM, Penang at 1805 nx in CC about Malaysia, brief1y dominating the other two.
1045 Vietnam. (North or South?) 0745 1/18 Vietnamese talk, at 0758 in s/off anct, caught "Tieng noi Viet-Nam" which I think places it in the North, altho possibly a NLF clandestine stn in the South. Had choral background, not // 1010, and off at the early hour of 0800 . Good strength, and never is noted in the mornings.
1050 Hong Kong. Commercial radio, better believe it: Had 5 ads \& a promo in 2 minutes after $18581 / 19$, some in American ( $=A$ ) and some in English (E): Minolta (A), plug nx, Phillips (E) JAL $2 x$ weekly to Canada (A) and Viceroy (A), 1900 single pip and into nx (A).
1120 China. Radio Peking, 1100 1/19 IS like on 1210 but not // then, would you believe, too weak to ascertain which lang.
1120 Taiwan. The Taiwan Provincial Police Twins noted again, at 1316 1/19 // 1260 and with SAH varying between 2 and $3 \frac{1}{2} \mathrm{~Hz}$. 1130 India. AR Calcutta $1005 \mathrm{I} / 14 \mathrm{OC}, 1010 \mathrm{TT}$ o/Thai stn, and $5.7 \mathrm{~Hz} \mathrm{SAH}$.1013 IS, 1015 into lang. Also noted w/OC, some pgmg, mornings around 1700-1800.
1160 Tadzhik SSR. Dushanbe in Arabic as per sked $13281 / 19$, very Moscowish but unfamiliar theme mx, 1330 Radio Moscow Is and into Persian (sked). ARC lists in WRTVH 70 as 1 megawatt but I doubt it. Was weak at 2605 miles. Also a 5 Hz SAH and a bit of music QRMing, maybe Abadan. (Eastern Iraq -Ed.)

1200 Thailand. RTAF, Don Maung, 1/18 0730 when looking for Macau. Playing "Sugar, Sugar" (very big over here) over/ under Chink, het, jammer; other US rock, no ancts until 0742 and then in Thai.
1250 Jammer. Chinese, pulse-type vs Moskva B.D.T. which was clearly audible thru it, 1325 1/19.
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## russell 1. eumunas <br> 108 946

wayne, ก.j. 07470

Greetings once again. A fairly small section this week, so I'll add a bit of a progress report on the "Help" section we ran a few weeks back. I personally have little DX herein for a change, as $M 1 / 26$ saw an exceptiona $T$ TA (bite my tongue, hi) opening, and so I only checked the channels which have proven elusive in Fish's contest. (By the way, Fish, any standings forthcomins?).

## midnite to sunrise

540 CBT -Nf- Finally logged this at this location o/WDAK, XWA $1 / 25,2325$
620 WTMJ-Ni- Caught after WWN s/off bL WSUN dominated I/II, 0117 (Carter Scholz, Tenafly, N.J.)
K710 WOR -NY- OC/TT 0030+ 1/19 (Page Taylor, Butler, N.J.; Pat Taylor, Nutley, N.J.; Chris Lucas, Fairfield, Ct.
WKS-Fl- ET/OC w/ ID $03101 / 19=$ to WOR OC w/ +20/9 sigs. (Page) Ist time here on $1 / 19 \mathrm{w} /$ Richard Evans Sports Show ending 0102; also noted later w/ET-OC. (Lucas)

* WTPR - Th - Noted $\mathrm{s} /$ on for $\mathrm{r} / \mathrm{c} 0351 \mathrm{u} / \mathrm{WOR}, \mathrm{WGBS}$ I/19 (Iucas) unID

Stn. playing "Jp On The Rooftops" ( a Christmas song) then off $04301 / 19$ w/ no ID. Doubt if was WBSS, as they rarely use mx on ET's. (Pat)
740 WPAQ-NC- E/T - TT s/ozg 0330 1/19 w/ Ikw AXR (Pat) Fird same w/ ID e 0203 (Page)
KRMG-OK-
$770 \mathrm{KOB}-\mathrm{M}=\mathrm{Hrd}$ WBC Monitor \& ID 0128 1/19 (Dick Truax, Charleston, WVa)
740 WBAM-AI-ET-mx 1/25 0126 tune-in - O1/4 s/off w/ "Dixie" format was chicken-rock. (Page)
780 WBBO-NC- Pop $X$ w/ ID's after each 0127-0132 when went to OC, prob. simulcasted. FM for test as ID's were "AM\&-FM". 1/19. (Pat)
WJAG-Nb Many ID's after tones 0110 on, but QPM bad. Fewer ID's as pgm wore on. Guess they got tired, hi. (Pat)
$790 \mathrm{KFGO}=\mathrm{ND}-$ WEAN-PI-WEAN-PI-
WAMO-Pa-
860 WAMO
920 unID ET-TT noted I/19 0205 (Iucas)
Hrd ending ET-mx 0327 1/19 (Lucas)
W/ religious 2357 1/10, temp, anncd as $35^{\circ}$. (Scholz) Lately hrd wk EE u/WINZ 0100-0200 sometimes w/rr. Never fades in at ID. CJGX,KIOA, WYLD? (Lucas) Judging by recent reports, I'd guess CJGX -RjE
KIOA-Ia- ET-mx noted $0300+1 / 19$ (Page)
050 WRYT-11a-
1050 CJTC-On-
1060 CFCN-A1-
$+1070 \mathrm{CBA}-\mathrm{NB}-$
1130 WCAR-III-
$1140 \mathrm{KSOO}-\mathrm{SD}$
KRAK-Ca- SID 0215 1/19, 0200 l/L (Truax s/off was 0230. (Truax) But what happened between 0215 \&

1190 KEX -Or0313. Could they have $s / o f f^{\prime} e d$, then returned to $E T ?-R j E$ ID \& 2 SID's 0320 o/RPDS 1/12 (Truax) (Nice - RjE) KPDS-Az- Finally hrd w/ beautiful ID $02001 / 5 \mathrm{w} / \mathrm{c}$ ciw, Q2II de 1180 (Pat)

Tperently testing u/ TIOUJ 0030 1 $/ 4 \mathrm{w} /$ voice TD's

$$
\begin{aligned}
& 1260 \text { WNXT-Oh- } \\
& \text { ( I should live so long -RjE) } \\
& \text { * } 1370 \text { WFEA-NH- } \\
& \text { 1/12 0203-0208. (Pat) } \\
& \text { Noted for lst time u/WICE } 1 / 190301 n x, \text { quiet mor mx(Lucas) } \\
& 1360 \text { KUDL-ía- RR, SID, more } 1 / 11 ; \text { listed } 0238 \text { on ET o/WBNX I/12 (Truax) } \\
& \text { 1460 WIEC-NY- On past listed s/off } 0009 \text { (Scholz) Date? -RjE } \\
& 1470 \text { CHOW-On- S/off } 0006 \mathrm{w} / 0 \text { OGanada well atop } 1 / 11 \text { (Scholz) } \\
& \text { 1480 WKND-Ct- } \\
& \text { WKND-Ct- } \\
& 1520 \text { WPTO-Oh- } \\
& \text { Hrd on } \mathrm{r} / \mathrm{c} \text { but not listed per tip 11/29 JWBrauner. Is lst } \\
& \text { Tues. 0030-0045 code ID's. (Pat) } \\
& 1550 \text { WAAY-A- } \\
& \text { Hrd } 0220 \text { I/4 w/ Drake-type rr. (Scholz) }
\end{aligned}
$$

* 


## sunrise $f$ daytime

800 WCHA-Pa-
850 WJAC-Pa-
900 WJWL-De-
920 WTMI-NJ
1240 WNCO-Ct-
1260 WBUD-NJ-
1270 WDLA-NY -
OR WK. U/WIMM/WLAD 1/20 1235
ne of ny best daytime catches u/WEEU I/20 2241
Fairly strong u/WrLN w/ MoR 1/20 1246
Ird w/ Cahill innaug. ceremonies I/20 1250
In w/ ID, ad, o/u WBAX, wk. WGBB 1256 1/20
Way o/WBNR for a change w/ ID, mx (Id for AM \& FM) $1 / 201300$ For a newie in where WLBR is usually w/. ID,SID 1306 I/20, whilest trying, in vain, for WDVL.
1290 WTUX-De- Is the second one u/WGLI days, hrd I/20 1310
1440 WBIS-Ct- In/out w/WCDL.WBAB I/20 1321
1450 WPPG-NJ- W/ promo for CBS nx u/ semi-local WCTC I/20 1317
(all of above are from RJE)

## Sunset Euening

540 KNMT-Ia- Bombing in w/ c\&a 1735-1815 s/off I/18 (Scholz) GBK -Sa- Hrd w/ GBC \& CST TC's 1820 1/18. (Scholz)
unIDs Three s/off's, all SSB, all wi/ 5 secons 1/18 1730. (Scholz) II is WRIC; WETC is 2nd. ; 3rd almost has to be WDXN. $=$ RJE
600 WICC-Ct- Tide reports \& ID 2005 1/17 (Truax)
870 WHCU-NY- S/off 1815 1/17 o/WWL (Truax)
960 unTD Hrd w/ HH (Hockey) @ 2210 1/
1040 KIXI-Tx- S/off 1845 1/20 hrd.(Truax)
1280 WHVR-Pa- SID then nx 1931 I/20 (Truax

## changes

+ 560 KBLU-Az- ex-KYUM. ( KBLU is old call for 1320 in Az.) (RJE)
+910 KRRV-Tx- SCH: 24 hrs . off IR (NRC)
+1090 MIID-Hi= ex-WTAK (RjE)
+ 1110 WIOM-Ma- Is call for Pitsfield CP (RjE)
+1320 KAVC-Az- ex-KBLU. (see 560 above) ( RjE )

R/C's HRD: by Lucas: WFHG-980; WTPR-710; By Hart (Texas): KFPW-1230; by Page: $: B B 2 * 1340$; WABD-1370; KWDW-1480; WMAK-730; by Pat: (whose freqs. I'II not list, as he didn't, and I haven't time to today) KGHL, WIOS, KWRF, WNBZ, KFVS, WSHN, WCAZ, WPUV, KDTH, WBBQ, WDIC, WSLX, WBTS, WTZE, WUT, WLET,

NOTES:

KFGO,WSIG,WSAO, KGMO.
To G. Greene: Ir. 1560 unID flood alert was WAFI
To R. Musco: Try KAlY-1090 © SSS, or after NBAL IR: s/off; by the way, do you remember KPH's format on $12 / 29$ ?

NOTES: (cont' $\dot{\text { a }}$ ) ROSS HANSCH pens that midwesterners needing wHEB-750 should try b4 SS s/off 1815 in Feb., as this is best month for this one. Likewise TPPDX-750, which s/off 1800 Feb . (Ed. noteWHEB is an "L", not a "D" or a "U".

## A PROGRESS REPORT ON OUR LOG PROJECT:

A few weeks back, we ran a section headed "help!" re CP's on which we have no info. The following list is of info rec'd as of this date:

Per Broadcasting, KPAR-1190 is on. Also, the following CP extensions have been granted: KJWE-800; KRVN-880; WDGY-1130; KC=0-1530; WMLR-1540; KUDU-1590; KXEM-1590 (which call is granted, by the way)

Per Duane Geise, KOBY- 1550 is on RS. ; likewise, it is safe to assume that KBUB-1270 is also.

Ralph Sperry reports that no one he talked to in Bridgeport knew of the WDJZ-1530 CP, and he suspects it's expired, and rill not happen. I'm still checking.

We have also received patial data on 850-Thousand Oaks, Ca.; and 1380Prentiss, Ms., however more info is needed.

940- Lebanon, Pa. \& 1270-Charlevoix, Mi. are Initial Decisions only.
Noblesville, Ind., and Anaudarko, Ok, are in hearing, and calls have been granted for corporation use in names, per Jerry Starr.
$\operatorname{Tn} x$ \& 73,
Re

W/weak WFLI underneath. First definitely IDed Californian as KFI heard \& tentatively logged a year ago. KFBK-1530 also heard very weak w/soft mx, much static. KYSL-960 La. W/ET @ 1:03, unID ITer on 950. I'm trying for WLBB-1100 Ga. \& WESC -660 S.C. TESTS. I intended this to be mu last Musing in NRC \& retire honorably (?) but all the good people in the NRC are too good to leave. I'11 DX tonight (1/20) after work \& start reporting to ERC zgain. (A flattering decision, Chuck, and one we hope you'11 be happy with, too -ERC)

FATHER JACK PEJZA - 120\% Ventura Avenue - Ojai, California - 93023
Recent veries (since 10/6/6g): v/1s-KLOE Kans. KXA Wash. CKLG BC, VOA Ryukus; KMLO Cal.; KGAY Ore, WPAG N.C.; for state \#33 veried). V/q: CBE Ont.; KICY Alaske; CKCK Sask.; BBC-1214 (TA \#1). V/f: KMER Wyo. Also notes written on my report of $1 / 26 / 68$ to KOLO Nev. and on the DX TEST sked from KVWO, Wyo. It's interesting looking at the KOLO report \& seeing how my reporting technique has improved in two years. Apparently WPAQ doesn't receive many iC reports, because along w/the verie, I receivef an article from the Mt. Airy twiceweekly newspaper about my reception of their ET on $12 / 8$. (Maybe they 've just got a new engineer). The new XR on Tarawa-844 has been sending a good signal in here; I missed the first night they were noted (1/12), but have picked them up several times since. I have finally finished the GPN sooper-loop, although I haven't ironed out all the oscillations from the FET pre-amp yet. At the moment there doesn't seem to be much increase in gain over the previous loop and preamp I had, but the nulls are much deeper, \& the altizimuth feature also helps on the mulls. Both ta e recorders have gone on the blink - I hope to be able to get one fixed before next MM. Any other DXers in So. Calif. interested in a gettpgether? Jay Murley is willing to host it. Right, Jay? I have sent Russ Edmunds information on the CP in Thousand Oaks, Cal. 850, which I got from the consulting engineer. I had a lot of fun listening to the KCMJ TEST 1/19. Even though it was an IRCA TEST, Bob Karchevski called, and on the air, gave a big plus for NRC. Five phone calls, including one from me, on the air, covered the half-hour I listened. I hope CX improve - I haven't heard a TA recently, hi! (Other than Hawaii, Fr. Jack, I haven't heard a $\mathbb{T P}$ in 37 years, hi! -ERC)

DAN MYERS - Box 5113 - Toledo, Ohio - 43611
Greetings, NRCers? Please note new address - no more mail to Box 311 please! I have a new tape recorder; it's not too groovy, but it does very nicely for DX. Well ERC, I am working at WERC, being on from 9:50am to 10:50am (in case you should ever hear them, I'll verify, hi), \& my ' 39 Ford is still running. Not much DX lately, due to surprisingly rotten CX. I've all but given up SSS DX ing (partly due to homework, now that I'm beck ot U. of Toledo full time), but still DX MMs. Latest: 12/22-KSJB-600 12:30am ID, KIMS-1480 r/c 1:30; KXRB-1000 TEST real good 1:45-2:15am s/off, WLDY-1340 r/c 1:55, WPAC-1580 ET/mx 4:07 am, WLLL-930 6:31am, \& WVAK-1560 6:40am (best MM in months, but probably because I wss up all AM!). 12/24-12:05am, KOLN-1320 surprise, WNRG-940 5pm, WMEV-1010 © 5 O7pm, WLSI-900 5 13pm. 12/25-WNBF-1290 heard as sked ID 12:37am, also um CJRC-1150 as aked. 12/27-12:43am, CKPR-580, WAAX-570 1:01am. 12/28-WDEE-1500 for callchange yecch; $12 / 29-\mathrm{KOB}-770 \mathrm{~s} /$ off 2 am (state \#42), WRYT-950 on TEST u/o WPEN/KIMN etc. 2:19, WKND-1480 TEST fair, CFOX-1470 4am TD. 12/31- WRIC-540 on for floods 11:05pm. 1/5- KGHL-790 NX \& ID @ 12: 17am (state f+3) not enough for report (rats) CJRL-1220 s/off 1:12am. 1/12-WNXT-1260 TEST as sked ID @ 2:02am. 1/19-WDIC-1430 1:26am ID on ET/TT W/ID every two minutes. Veries: v/q-KFH ( thanks to phome call) WJBK CKWW (by visit) KSJB WWL KOB. v/1- KSKY WLDY WIS WKND -TEST KWPC-TEST WNXT-TEST. $v / f$ - KIMS WPAC. Lots of unanswered reports out, 28 to be exact (since Sept.). Tco of my up-coming TESTs: WCSR-1340 (I know, I know, who's going to hear a Mich. graveyarder, but he's real anxious to do a TEST, besides it's my closest unheard, hi) \& WMVO-1300 (WERE asked to stand by but they can't). Also coming as soon as dates are set: WCWC-1600 WJPW-810 WTTN-1580. More CPC letters going out this weekend. CM collectors, I now have better than $500 \mathrm{CMs} \mathrm{w} / 300$ different traders (about 900). I'll be glad to trade. Send me your CM list \& I'II get mine made up this weekend. NYC \& Detroit in '70? Peace.

RICHARD RICHMAN - 14 East Cheshire Place - Staten Island, New York - 10301 A new state heard \& the arrival of two long-given-up-on veries highlighted the DX happenings this week. The new state was Neb. WOW-590 heard MM 1/19 © 12:05am w/HI ad followed by Dolly; much Cuba QRM. Other 1/19: WBBO-780 N.C. w/ID @ 1:31. I waited on the channel for some time but that was all that was heard other than a WBBM ID - they were testing, too. Another N.C. new one was WPAQ-740 ID @ 2:03. On 740, 1:50-2:03am cuts from a Petula Clark album were heard w/a good signal. Whether this was WPAQ at full power of someone else I don't know. (WKIS was on w/ET/mx e 1:38-1:45 \& on -ERC) WOR was off but very busy testing. A weak signal on 710 e $12: 16 \mathrm{w} /$ mention of DuPont building, then tele-talk about boxing. Help? CBA DX heard w/excellent signal but umn. Who was
 report of $2 / 16 / 69$, no $\mathrm{f} / \mathrm{up}$. Interesting verie from WLOB, two packages, $30 \phi$ postage on each, third class, one for $4 / 69$ report \& one for 10/69. Fach contained a $\mathrm{v} / \mathrm{r}, \mathrm{v} / \mathrm{q}, \mathrm{SC}$, detailed $\mathrm{v} / \mathrm{f}$ giving much station info \& explaining their verie policy. Also a booklet on the Bible \& a copy of "Awake", a 106 color booklet on Portland which shows, among other things on the cover, a factory polluting the Maine air. Other veries of the week: v/q-WHJB (for extended sked 11/5). V/1Maine air. other veries of the week: $\mathrm{V} / \mathrm{q}-\mathrm{WHJB}$ (for extended sked $11 / 5$ ) "Maryland, MMHI (which gave me the following info that no one should be without - Mary Will CKIH change format when they change owners? They've got to be the best rr on BCB , at least that can be heard here. I hate to admit that the three stations I listen to most only one is $A M$ ( WNBC ). The noise you heard all the way out to the WC MM $1 / 19$ was emanating frlm my RX. Trying to get info on the unID on 710, I tuened the volume up all the way, when WOR let go w/their cartier - ny hammer, anvil \& stirrup will never be the same! It seems as soon as I mention a station won't verify, the verie arrives in $z$ matter of days. Hoping it works again, I . will mention just a FEN: WCOP WBLJ CKPC WLDB CJSS WMMI WCHS WFAS. It sure would be nice to have a DX from CFCY some MM. 2/1 completes one year for me in NRC; as far asDX goes, it's been the best ever. 73s.

BERNARD RESER - 653684 Street - Caledonia, Michigan - 49316
He 110 fello NRCers - since this is my first Musing I will start out w/the traditional introduction. I am 17, a senior in H.S. \& plan to attend an electronics school in nearby Grand Rapids. Besides BCB DXing I also enjoy IV DXing, even though the lack of a rotor makes it tough - hest is 780 miles, WDIQ-TV. RX is an Ameco R-5 \& antennas are $280^{\circ} \mathrm{IW}$, \& $4 \frac{x^{\prime}}{}{ }^{\prime}$ loop. 175 loggings in the 10am to 2pm daytime variety, 20 states, two provinces, WESC, WBZ, WWL, are the most distant. FDXC \& daytime DX showed down due to electric fence noise which is on only in the daytime. Loggings total 750, 20 countries, 48 states, aine provinces \& only TWO veries are the results of about $2 \frac{1}{2}$ years of DXing. Now after the not-so-brief intro, some current loggings: KDDA-1560 Ark. TT, and most of the time OC © 1:10am to 4am, then off $1 / 18$; CKBI-900 Sask. good © 3:15am W/NX; KTFI-1270 Ida. NX, then s/off e 2:10am 1/19; CJMS-1280 Que. e 1: 12am; KUPD -1060 Ariz. heard W/ID as "Cupid" e 2:50an and what sounded like its s/off @ 2:59 am; KPAY-1060 Cal. 3am s/off came out of the QRM long enough to hear " $5,000 \mathrm{w}$, K-Pay." I thought it was $10,000 \mathrm{w}$ ? I'm positive of the ID. WOR-710 N.Y. was of \& © 3:30m that was about all that was off - unID OC nulled to the S, WGBS Fla. ID every ten minutes, otherwise, OC; WTPR Tenn. $\mathrm{f} / \mathrm{C}$ w/OC \& different pitch TTs © 4:52 ID; WHB Mo. w/OC \& IDs on the half-hour; WDSM Minn. w/c/w, sounded like RS. Under the QFM was an all-NX station \& KMPC Cal w/MOR © 4:30am. WYMT-620 e 5:10 am for second new state logged this MM (Idaho was the other). About CHLO's CP, I heard them on the afternoon of $1 / 18$ and © $6 \mathrm{pm} 1 / 19$, both times on 680.73 , good-bye, etc. (Welcome to the NRC, Bernard! We hope you will be a regular in this Section, and the others too - nice report! -ERC)

CHRIS IUCAS - 89 Round Hill Road - Fairfield, Connecticut - 06430
Not all that much DX to report, but here's a Muse anyhow. DX so far in 1970: 1/1- WERA-1590 Plainfield, N.J. © 11:55am, o/u WTBY w/loop, suffering from bad WING-1600 splash at times. VOA-1180 Fla. © 11 pm W/ID in EE u/WHAM.

1/2- WBRE-1340 Wilkes-Barre, Pa. © 12:06am s/off after NBC NX, then my 1,000th U.S. station, WFHGC980, Va. o/WTRY w/100p @ $2: 22 \mathrm{am} \mathrm{r} / \mathrm{c}$. Then MM $1 / 19$, my best MM in almost five years in terms of quantity with six new ones. WGBS-710 Miam at end of long Sports Show u/wOR OC \& TT © 1:02am. Another one in there, may have been unn WHB, but was unreadable. KFGO-790 Fargo, N.D. on top @ 1:17am for N.D. \#2 here, later lost u/WFUN/WQXI. Next was mich-sought-for CJOE-1290 Iondon Ont. © 3:0lam w/lots of WICE QRM. They must protect WNBF/WICE, hence, weak signal in this area. WAMO-860 heard ending 250w. ET © 3:27am, fine signal. WTPR710 Paris, Tenn. $r / \mathrm{c}$ noted from $2: 51-3$, first $u / W G R S$ OC (which was much stronger than at 1:02) \& then $u / W O R O C$ \& TT. Last but not least, WTTO-1520 Toledo e 4:11 am w/heavy QRM from het \& SS a bit higher in frequency. I finally got my logs straightened out, \& my total is now $1,261, w / 372$ verified. The 48 continental states are heard \& verified, as is D.C. I still need B.C. in Canada. Best states: N.Y. 130, Pa. 103, Fla. 69, Va. 62, Ont. 54. Worst states: Wyo., N.M., Mont., Utah, \& Nev., each with one logging. I would appreciate tips on regiona1s from these states that "get out" to the E. This AM (1/22) I heard an EE als from these states that get out to the E. This AM (WINZ for first time, but unID. I'm surprised I haven't logged CJGX yet $w / 10 \mathrm{kw}$. non-DA, \& I suppose it was they. I would appreciate any comments, yet w/10kw. non-DA, \& I suppose it was they. I would appreciate any comments,
however, on patterns and coverage of KFRE KIOA \& KIXZ. Recently, $\mathrm{v} / \mathrm{l}, \mathrm{v} / \mathrm{q}$, plus two aMs from KVOO indicate on 30 watts is radiated at night between bearings of $47^{\circ}$ \& $98^{\circ}$ clockwise from North. I also got a v/q from WKBN w/CM on it. Night power goes just $W$ of $N, W /$ other minor lobes. Nulls toward WSYR WMCA \& others $S$ \& W. WCMS sent $v / 1$ \& CM, WBZY sent $v / r$, \& WERA semt nice $v / 1$ \& CM. Ernie, most of Brooklyn lies within their. Imv contour, nulls are generally toward Yonkers \& For Rockaway, w/a bit of a love in between. 73. (Horse Feather, hi!ERC)

DICK IRUAX - 5101 Tamarock Drive - Charleston, West Virginia - 25312
Either W. Va. is the best DX location or this is the best DX season in the past eight years. DX from all directions keeps pouring in here at a rec๗d rate. To RJE \& others interested: WELX-1110 Ohio is on \& has been since 10/ 68 , logged both in Ohio \& Ky. No sign of CP on 1080 in Hurricane, W. Va. as of $1 / 21 \&$ WRDS is still on $1410 \mathrm{w} / \mathrm{no}$ sign of testing on 1450 yet. DX since last Muse: 1/17-WHCU-870 N.Y. s/off © 6:15pm o/WWL; XEFR-1180 D.F. W/SS ID \& rr @ $3: 15 \mathrm{am} \mathrm{1} / 18 \mathrm{w} / \mathrm{WHAM}$ off; XEBG-1550 B.C. W/SS SID complete w/10cation @ $3: 33 \mathrm{am}$. MM 1/19-WGNE-1480 Fla. w/r/c © 1:25am w/band mx \& many IDs. KS00-1140 S.C. s/ off © 2am w/jamner nulled for a nice surprise \& then © $2: 15$ between an Air Force $\mathrm{c} / \mathrm{w}$ show \& a religious program, a beautiful SID from KRAK-1140 Cal. With rr dominating freq ency © 3:05am \& then ad for Channel 13, KRAK suddenly dropped completely out of sight as w/power change or pattern switch. KCBS-740 Ca1. w/ID \& NX @ 2?52am u/OC which IDed as WPAQ, N.C. © 2:54am. Such WC CX prompted investigation of 1100 which yielded a weak EE religious program u/the two Colombians but no ID possible of long-sought-after KFAX logged only oace, in Ohio. Colombians were abundant MM 1/19 including HJJM-660 w/SS ID as R. Uno @ 3: 58am. Last but not least KIXL-1040 Tex. s/off © 6:45pm 1/20. CX very good to SW tonight $1 / 20$ but not Auroral as earlier suspected, since EC in equally well. More in 7.

ROBERT MITCHELL - Route 7 - Belleville, Ontario
This is to be my first Musing in DX NEWS. I am 19, \& attend-
ing my final year in H.S. I am trying to save enough money to get a new RX. I am currently using a Holiday 27 transistor which is not too selective. CX here have been good but lack of time has cut down my time for listening. My best verie is from CHYR just as they bit the dust from 10 kw . to 250 w \& a change from 710 to 730 where CBL has that frequency covered. After switching over from SW to BCB my totalsiare $76 / 45,23 / 19,5 / 4$, 0/0 countries. On BCB I don't dig as most of them I have on SW veries. Reports out to WUFO WMPS WHAS KDKA WIIC WOTM WMEX \& WLAC, both heard on 1510 same time so no report could be sent. The French have been covering this $R X$ this week. My best heard as a Los Angeles station which was weak \& would not ID before fading out. Anybody who would like to phone, $962-1613$, a.c. 613 , ask for Bob Jr. \& anybody who would like to trade
cassette tapes, also write. Hello to Sheldon Swartz, a good name in BCB DXing. I am also a member of IRCA, RNWW, \& RCSWC. (Welcome to the NRC, Robert, and we hope you will be a regular Muser and a successful DXer -ERC)

JOHN JAVEISKI - 104-21 122 Street - Richmond Hill, New York - 11419
Hi gang. To get right to the highlights of recent sessions: $12 / 23$ AM saw WRIE-1330 Pa. on late W/BKB, logged $12: 22-12: 30$, though weak. $12 / 26$ PM - WREO-970 O. © 5 power cut. MM 12/29 saw a lot of listening to that Boston hippie station, WORL-950. A great job, Geofff, Randy \& Big G. (Does that stand for goodness?) In between, WABK-1280 Me. on late non-DA for floods; logged 1:351:45 for another try at a verie. WKND- 1480 kinda muddy \& heavily QRMed, probably has a null right at me. WEEX-1230 Pa. ETing w/OC @ 2:29. KOIL-1290 surprisingly atop all AM. Also I heard that gross ET from WALE Mass. w/a continuous ID cart @ about 3:38. WWSD-TEST not bad w/somber organ mx. (I thought it was pepo Py! Must be the generstion Eap! -ERC) WBAA DX aso made it, mostly o/CKCY. An SS on $570 \mathrm{u} / \mathrm{WMCA}$ completely obliterated, but no TDs heard, drat. $12 / 31 \mathrm{AM}-$ WAFI -1560 Ky . \& WRIC- 540 Va . rumning AN for deluges. 1/5/70 PM (See, I remembered, hi) WMMT-1520 Ga. @ $5: 43 \mathrm{~s} / \mathrm{off}$. MM 1/29-KOB-77O N.M. very good w/Monitor \& ID (B) 1:30, taped \& reported; do they verie, anyone? WSLV-1520 w/f/c © contimuous "Dixie" to 1:43 finis. 1/23 AM-WUOK-1270 noted w/Drake rr $2: C$ - $-1: 08$ calling itself Super-K Redio. Not much listening done of late, but when the new semester begias on $1 / 26$, I should be able to put in a weekly MM session. Veries: v/1- WTON KWPC KXEO WEEX. A v/r w/tons of junk from WIOB-1310 after a year, w/ no f/up. v/q-WNAE WCFL KTFI (State \#H4) \& Vienaa-1475. Also a v/1-SS from R. Suceso-HCEW2-995. Totals 1, 192/357. Thanks to Bob Hostettler for info on my 1330 wystery and $C U$ soon. 73 s .
FRANK WALDRON \& BIGGEORGE KELLY - 65 Lakeridge Drive - Matawan, New Jersey 07747 We11, here I am at Frank's house. I really don't know how I got here. Anyway, here's DX: 1/19-KKHI-1550 Cal. very good $t_{w / o p e r a} m \times$ \& then s/off @ 3am. HIDV-1200 R. Sancta Maria, Domininan Republic, good e 4:45am for Country \#52. Frank here now, gang. I really don ${ }^{2} t$ know how George got here, but anyway, here's DX: (I gave George directions on the phone \& I don't know how he got there either -ERC) 1/17-UnID-1490 s/off 1:55, whozis? CFRS-1560 good w/ET/mx 2:06 on, jingle betwixt each song. $1 / 18-12: 56$, XEVIP1560 mixing w/newie HIJC, R. Maiba, HIJC in clear to $1: 45 \mathrm{~s} / \mathrm{off} \mathrm{NA}$. MM 1/19WOR off at last. Weakie EE talk discussion @ 12:26 atop weaker SS on 710, then fffp, 'OR plugs in the big plug. WQXI-790 rr w/CKSO 100ped; 12:30 unn TIQ-1203A loud w/s/off 1:02. C1 mx on 1200 mostly u/strong Cuban 1:07-1:09, then man started talking in EE @ 1:09 fade, if this wasn't CFFB I'll kick Big George. George has made his sale \& now anticipates departure. Hold on, George, while I finish this: $\mathrm{WBBO} \frac{1}{2} 780 \mathrm{ET} / \mathrm{mx} u / \mathrm{WBEM}$ OC © $1: 28$. KOB-770 weak @ 1:30 mixing w/SS. RNE-773 W/NX @ 2:01. 710 dominated by weak SS. $3: 26$, WBIS -1480 ending $\mathrm{r} / \mathrm{c} \mathrm{o} / \mathrm{u}$ WLEE. WTPR-710 r/c ID 3:51 u/WGBS OC. Then another Pff, er fffp. The residual hash was really strong that night. Tho had a real weak SSB-710 @ about 4:15 u/ SS, KIRO? EE-780 religious @ 4:45, Barbados, I suspect. SS-630 w/NX 5:05-5:30, looped E of Cuba, WQBS I suspect. My veries last week were KKJO-1550 CKMP-1230 CKSB-1050 CHLC-580in FF v/i. v/q (one) from ORTF-1205-1376, also CSB9-782 and WTFY-1620. Now gang, here's ceorge. Just remember gang, the grass is always greener in the other fellow's yard. I gotta split, 73. Frank here; as they say in Crystal Deach, Ontario, "WIWG?" "Where'd That Transmitter Go?" Thanks for everything, George, and good night to all you normal people.

RICHARD E. WOOD - U. of Hawril - Dep't of Ruropean Languages - Honolulu Latest veries: KBMR 1350 N.D. which rated a front-page write-up in the Bismarck local newspaper, CFAC-960 Alta. Whose current CP will probably be implememted in July, KLAR-1300 Tux. most distant report, r/c is now 2nd or 3 rd Sat. 1:45-2am, CHWK-1270 B.C., first from Hawail, CBJ-1580 Que. one of my best catches, KSIM-1400 MO. for state \#15 verified on GY, most distant report, previ-
ously only from area between Minn. \& La., KROW-1460 Ore., KAST-1370 Ore., KHAR590 Alaska, completing verification of al1 12 Alaskans heard. 1/19, a very fine MM, reports out to CKRM-980 Sask., on TT, KPAL-1450 Cal. r/c, KLRA-1010 Ark. on TT, much-wanted noted while waiting for KCMJ TEST which did not show up (was it on?), KBIG-740 Cal., TI, KCMC-740 Tex., KOIS-1570 r/c, KSET-1340 r/c. Then on 1/21 KINS-980 Cal., KIOD-1590 Tex. r/c. 1/22-A very fine NA night, I just wish it had been an MM, but four new catches reported anyway: WDWS-1400 I11. r/c for State \#25 on GY, KRGI-1430 Neb. r/c, KSMA-1240 Cal. r/c \& KSLY-1400 Cal. which has just gneaN. Leading state totals are now Cal. 135/67 heard/verified, Texas $63 / 40$, Ore. $36 / 24$, Wash. $30 / 13$, Fla. $17 / 13$, Ariz. $14 / 9$, Kans. $13 / 12$, La. $13 / 7$, Alaska 12/12, Idaho 10/7, Mont. 10/6. Leading provinces: B.C. 17/12, A1ta. 13/10 Sask. 10/8, Ont. 7/4, Que. 6/4. Rising most rapidly in the log now are the three WC states plus B.C. dueto the lack of QRM from farther E in the pre-dawn period; also Texas thanks to many directional openings there; Fla. which once rivalled Ore. \& Wash being left behind due to lack of openings there in Winter.

BOB HOSTETTLER - 166 Territorial Hall - U. of Minnesota - Minneapolis, Minn. Hi there. Not a whole lot of DX to report lately, but here it is anyway: 1/12-KKGF-1310 Fair at end of r/c 1:09am, WGST-920 o/CKCY @ 4:05 apparently on for bad WX. 1/18- KXLF-1370* mixing w/WSPD from 1:30am \& quite goor o/WSPD @ 2 s/off; KRCB-1560* fairly good e 6:15pm s/off. 1/19-WISV-1360* in 1:01-1:13am W/TEST; they were incredibly weak for 90 miles away, \& omly part of one ID was heard! TT \& OC also noted w.WBAY nulled WSAI was killing 'em most of the time. I hope someone else heard them. WJPF-1340* noted w/mx on r/c 1:401:50; WHB-T10 not noted @ L: 32an: on7y KRTR \& unID CSTer u/strong WOR OC; CKLC1380 good (C) 4:44 w/march mx \& s/on © 4:57; someone was testing w/R\&B much of the morning; maybe it was KWK, but they definitely weren't on RS, if it was KWK. Anyone $S$ of here like to trade places $\mathrm{w} / \mathrm{me}$ ? Iwas $-34^{\circ}$ on $1 / 19$ \& I still heard Anyone $S$ of here like to trade places w/me? Twas $-34^{\circ}$ on $1 / 19$ \& I still heard
some QRN! Now for some of my veries: v/q- KORL KTFI CKSL KMA WPDX WRVA CFSL some QRN! NOW for some of my veries: v/q- KORL KTFI CKSL KMA WPDX WRVA CFSL
WCBS. v/c-ZBVI WNAE. v/f-KMER WHHO WNUS. v/r-KBAT (on OM) WBIZ WJBM WIMS WCBS. v/c- ZBVI WNAE. v/f-KMER WHHO WNUS. v/r-KBAT (on OM) WBIZ WJBM WIMS
(just signed name after T sent the meport back to him!). v/l-KEYZ KVET KRDS (just signed name after T sent the meport bark to him!). V/I- KEYZ KVET KRDS
CFOX WMPS KSMN WOKL WIDY WLOT KNBI (barely) KFIL KSWM CKX WIVS RSDR KSAL KFLN (said I was the first person to report them on 388w PSA from outside their coverage area!) WKND WWIS WSJC KSIM WYNX. Some real fine v/ls received, like WIVS, which was just as grateful for my report as they were whan WCLR. I was the farchest report for WKND. Richard Wood also heard the KSIM $r / c$ (they probably sounded better out there than here). Totals are now $917 / 433$ as of $1 / 18$ \& going up? 37 veries in January thus far. That's it for now. 73.

ERNEST R. COOPER - 438 East 21 Street - BrookIyn, New York - 11226
One verie, WTAI-1560, v/PP. To DX: On SM $1 / 25$ @ i: 5lam, looking for WNBY-990, I found WLKW R.I. Way atop that channe1. On 1590, at least four stations there, one NN preacher; one like the Voice of Prophecy, one Mor, \&o one rr all heard- moybe one was WERA, hi. None IDed? This was 9-9:30am. MM 1/Z6-A GREAT TA morning! I have about 60 veries from that sector, but I got reports for two still needed - Nancy-836 and BBC-Start Point-1052. I also got a lot of material on the Spaniard on 1097, which someone estimated was Madrid, but their every-minute-on=the-minute time announcements were FOUR hours ahead of EST which makes me think it might have been Las Palmas, Canaries. Too bad these SS TAs don't ID as of'ten as their LA counter-parts? I might have had CFFB-1200 at 1:02, but I coulan 't quite pull 'em in right after WOAI's s/off-cold @ 1 on the nose but if their $D X$ had been this $A M$, they would have made it, I feel certain. TT-1080@ 1:06 \& on, but it might have been a 1 k het w/a TA on 1079. UnID TTer on 1360 (e) 1:13 \& on. C1 piano mx on 1546, probably Radio Four, England, but this Was too weak to ID \& I wanted to get the "sure" ones. WEND's TEST Was anihilated by WPAC w/another of their c/w tests, but their TT was as loud. WIRK-1290 was the TTer there © 3:34am, well on top. This evening, Radio Santa Maria-1200 noted $\mathrm{W} / \mathrm{U} . S . \mathrm{Tr} \mathrm{w} / \mathrm{SS}$ lyrics, and few announcements, a change in format there for sure as they used to be religious at this time. WKYC-1100 s/on this AM promptiy @ 3 again killing any chance for PRG9. That's it - C UN 7 .

CANADIAN BROADCASTING CORPORATION

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SOCIETE RADIO-CANADA
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Radio Stution CFFB,
robisher Bay, N.w.T.
January 12, 1970.

National Radio Club,
P.0. Box 99,

Cambridee, Massachusetts 02138.
Gentlemen:
For your information on the 23rd of Fobruary, 1970 , we are programing secial DX Progre form onol st ecial program for your like to notify your EST to 0700 EST. we are on other DXers of this $1 a c t$ for their $10 g$ and the Canadian Broadcasting that your members may be interested in is that the Canadian broadasin Corporation, Northern and Armed Forces Services has pech from the a radio station at Alert N.N. T. On Lllesmere lslana, 330 ARS Alert at 1340 Morth pole. It is a the air 24 hours a day. This might be the prize of all stations to as it is the most northerly station in the world.

Best luck in trying to reach this one as well.

Yours truly,


| \#\# | DXer | Location | Countries |  | $\mathrm{T}_{0} \mathrm{~V}_{0}$ | For. | Europe Best |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 59 | A. Slater | England | 130 |  | 534 | 524 | 123 Pyrgos, Greece |
| 58 | B. Dangerfield | Pennsylvania | 108 | VAC | 407 | 332 | 147 HV-2, Vatican 782 2k |
| ? | R. Anderson | Virginia | 98 | VAC | 1434 | 419 | 126 Kalundborg II |
| ? | H. Holbrook | Maryland | 94 | VAC | 2264 | 687 | 141 AFN W. Germany 12231 k |
| 34 | H. Gustafison | Illinois | 90 | VAC | 818 | 274 | 95 Frederikstad, Norway |
| 39 | H. Robie | Massachusetts | 82 |  | 254 | 140 | 56 cSB-81 Azores |
| 58 | A. Merriman** | Virginia | 78 | VAC | 1133 | 222 | 52 Kaliningrad 840 |
| 33 | D. Reynolds | California | 74 | VAC | 1330 | 450 | 30 BBC 1214 60k |
| ? | C. Freeman | California | 60 | VAC | 1323 | 329 | 15 Linz II, Austria 1025 |
| 40 | G. Allen | California | 55 | VAC | 2700 | 490 | 3 AFN Normandy 12041 k |
| 59 | S. Drake | Pennsylvania | 55 | VAC | 2364 | 308 | 31 Tallinin II, 1214 20k |
| ? | H. Wilkinson | California | 55 | VAC | 301 | 286 | 2 RTF Bordeau 1205 |
| 36 | N. Maguire | New Mexico | 53 | VAC | 2839 | 391 | 17 Nantes 136610 k |
| 60 | A. Rugg | Quebec | 53 |  | 1368 | 1182 | 48 Sofia 827 |
| 33 | W. Routzhan* | Pennsylvania | 46 |  | 3095 | 369 | 7 I1MI |
| 63 | G. Scrimgeour | Ontario | 44 | VAC | 486 | 407 | 13 Tallinin 1034 |
| ? | R. Woods | Hawaic | 43 |  | 428 | 420 | -- |
| 54 | J. Starr* | Ohio | 41 |  | 814 | 148 | 16 R. Veronica 1562 |
| 65 | B. Raczko | Ohio | 40 |  | 252 | 67 | $14 \mathrm{CSB}-5,1578$ 10k |
| 63 | P. Kilroy | Wasington, DC | 31 |  | 169 | 47 | 12 BBC 1457 |
| 52 | E. Johnson | Illinois | 28 |  | 2759 | 283 | 1 R . Caroline 1520 |
| ? | J. Neff | New York | 28 | VAC | 280 | 84 | 9 RNE Spain 773 |
| 58 | D. Phillips | Kentucky | 25 |  | 552 | 40 | 5 Wales 881 |
| 64 | B. Reynolds | Missouri | 24 |  | 783 | 95 | -- |
| 31 | $F$. Wheeler | Pennsylvania | 23 |  | 1603 | 180 | -- |
| 65 | R. Hays | Kentucky | 22 |  | 373 | 40 | 1 VOA Germany 1196 |
| 67 | C. Reno | Connecticut | 22 |  | 106 | 58 | 2 BBC 1088 |
| 68 | F. Waldron | New Jersey | 20 |  | 644 | 128 | 7 BBC 1457 |
| 63 | J. Conrad | Florida | 16 |  | 167 | 24 | ? |
| 41 | L. Kruse | Iowa. | 15 |  | 4035 | 77 | -- |
| 62 | C. Mohr | New York | 15 |  | 496 | 88 | 3 R. Caroline 1520 |
| 67 | J. Renfrew | Connecticut | 14 |  | 186 | 36 | ? |
| 66 | M. Northam | Oregon | 13 |  | 253 | 51 | - |
| 68 | J. Pejza | California | 13 |  | 169 | 42 | 1 BBC 1214 |
| 65 | J. Kadet** | Maryland | 12 |  | 703 | 41 | - |
| 65 | D. Carlson** | Illinois | 11 |  | 312 | 32 | - |
| 62 | T. Edrunds* | New Jersey | 10 |  | 226 | 56 | -- |
| 65 | R. Richman | New York | 9 |  | 368 | 58 | -- |
| 64 | D. Whatmough | Ontario | 8 |  | 652 | 570 | - |
| 67 | R. Eddie | Missouri | 8 |  | 342 | 23 | - |
| 64 | M Sorensen | Ontario | 8 |  | 340 | 260 | - |
| 63 | D. Eggert | Indiana | 8 |  | 202 | 19 | - |
| ? | D. Erickson* | California | 6 |  | 440 | 9 | - |
| 68 | R. Schneider** | Wisconsin | 3 |  | 29 | 7 | - |

\#\# = year started DXing. VAC = Verified all continents. Next month, oceania totals and best verified. Please send in your choice of your most distant veries so we may have a good column with that data in two months. Just send your choices, Don Reynolds or myself will compute the distance. It is sure good to be back in the Islands again. 73 and Aloha.
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