



# DX News



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NATIONAL RADIO CLUB

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JANUARY 1, 1972

NUMBER 11

**A**

"Renewing for my 9th year, would you believe! My thanks to the BPC and editors and everyone whose innovations make DX NEWS look better every issue. Keep on truckin'." (John Daller, ex-NYC)



## NEW NRC MEMBERS THIS WEEK...

- \* John Roseland, Jr., Dalton, Ill.
- \* Ed Kowalski, Philadelphia, Pa.
- \* Hugh Stephens, Newport, R.I.
- \* R. Gendron, Kingston, Ontario
- \* Dave Singer, Troy, New York
- \* Terence Feltz, Milwaukee, Wis.
- \* Dave Hammer, Cincinnati, O.
- \* Phil Harris, Seattle, Wash.
- \* Marvyn Carlson, Calgary, Alberta

## RENEWALS THIS ISSUE...

Ellichman... Skinner... Freeman... Alster... Atkins... Wallin... Hostettler... Niemanis... Wheeler...

## LAST MINUTE SPECIALS...

 WWJC-850, Superior, Wis., will test for the NRC on 1/10 from 0200-0300; this one is 10 kw, nondirectional & they hope for more reports than they received when the tested on the old channel of 1270. V/s is John Talcott; this is a very friendly station; address is 1120 E. McCuen St., Duluth, Minn. 55808. Prepaid calls accepted at 212-626-2738. (Arranged by Roger Winsor)

WBAT-1400, Marion, Ind., will run a test pgm on 1/10; s/on at 0200 with 1 kw; will drop to 250 watts at 0230, and retrun to 1 kw at 0300 and stay on until 0330. Will play Dixie and C&W; tone ID in CW at times. Warren Arnett at WBAT will verify all correct receptions if return postage is enclosed; for the most distant listener during each 30 minute segment of the Test will also receive a very nice souvenir - a genuine antique cast aluminum microphone plate giving the stn's call letters. Reports to Wm Arnett, WBAT Radio, Marion, Ind. 46952. (Arranged by Wes Boyd)

WHEX-1580, Columbia, Pa., will test for NRC on 1/17 0200-0400 EST with 500 watts; will accept non-collect calls. Address is WHEX, Box 36, Columbia, Pa. 17512. Address reports to Donald Shank. (Arranged by Dave Schmidt)

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Holding over GPN's section, part of Foxy's, Domestic Supremacy ratings, A<sub>F</sub> graph, Objio & Gleason info, plus lots of articles...

SPECIALS

|                      | kc/s | WATTS         | A.M., E.S.T. Info: |
|----------------------|------|---------------|--------------------|
| Mon. Jan. 3* W D V L | 1270 | 500 D-3       | 12:01 - 3:00 NRC   |
| 3 K U P K            | 1050 | 5,000 D-3     | 2:00 - 2:30 NRC    |
| 3 W M L T            | 1330 | 5,000/500 U-2 | 3:00 - 4:00 NRC    |
| Fri. Jan. 21 W M B G | 740  | 500 D-1       | 1:15 - 1:30 VDXA   |
| Mon. Jan. 31 4 V E C | 830  | 2,500 U-1     | 2:00 - 3:00 VDXA   |

\* - This date MAY be January 10 instead.

# - Note: Check last week's DX NEWS for any other Specials which might not be listed above.

W D V L. This will be their Proof of Performance Test. More than likely, the modulation will be by means of cycle tones and voice announcements. KFJZ and the Cuban Minute Man will run interference in the East. Send your report to Mr. Joseph Fitzgerald, Radio Station WDWL, Radio Park, Vineland, New Jersey - 08360. Info from RUSS EDMUNDS.

K U P K. This is their regular monthly frequency check and equipment test. They use cycle tone and some march music. WHN is expected to be off, XEG should also be off, but CHUM & CFGP & CJIC will probably be on. They have a NE/SW directional pattern. Reports go to Mr. Dale Roberts, C.E., Radio Station KJPK, Box 798, Garden City, Kansas 67846. Info from BRUCE WINKELMAN.

W M L T. This is a special DX TEST for NRC. They'll use rock music and three different antenna/power patterns - 5,000w non-directional; 500w non-directional, and 500w directional. They'll take phone calls and will give the number on the air - none collect, though - and you must include return postage for your verie. Send reports to Mr. John Warren, Chief Engineer, Radio Station WMLT, Box 130, Dublin, Georgia, 31021. Info from Bridegroom DAVID SCHMIDT.

CONGRATULATIONS

to the above-mentioned DAVE SCHMIDT, on his marriage to Donna, in October! May they have years and years and decades of marital bliss!

HEARD SINCE LAST ISSUE

1200 C F F B Ex-1210 kc/s. 1600 W N E U Ex-WHLL; no Wheeling station on 1470 now.

EXPLANATION

At the foot of Page 2 in the 12/11/71 DX NEWS, I mentioned what GREAT support you had given to Musings - you're probably now thinking I was being facetious, as only six pages of Musings appeared. There was a space limitation that issue, so those other 14 pages were held over to the following issue, which as you read this is the last issue, or to be more correct, the fore-going issue. I do thank all of you for your fine support, and I ask again for your continued help in double-spacing, and in not inventing abbreviations in your Musings which puzzle me and make me take out more time to figure out what it is you are trying to convey. Many feel we use too many abbreviations now, and they could be right! Please keep your Musings on the subject of DX and list your loggings by date, time, and frequency, and if room permits, by location. Do NOT go beyond 30 lines of DX NEWS print - if you have lots of DX to report, omit locations, and opening salutations, and using the same word over & over like "heard" for example. Make them conversational and newsy. Do not put verie signers' names in your Musings - list them on a separate sheet and enclose it with your Musings report. If you write or print, please don't write or print in tiny letters - it's a bit difficult to read them and type them that way. OK lads? Have a Merry, and we hope to see lots of you in Northern New Jersey around 1/21. Be good.

MUSINGS of the members



Cornel R. Cooper  
438 East 21st St  
Brooklyn, N.Y. 11238

CHRIS LUCAS - 407 Elmwood Avenue - Ithaca, New York - 14850

Lots of loggings in past two weeks, including five new states. 11/23- WNOX-990 @ 5:10pm, WNRV-990 @ 5:14, WPTR-1540 @ 6:30pm, WKAQ-580 @ 7:38pm for P.R. #1. 11/24- WAHT-1510 Pa. @ 11:56am. 11/29- WCTC-1450 N.J. @ 12:07am s/off, WTTC-1550 Pa. @ 4:46pm s/off, CKWS-960 @ 6:17pm, CKXY-590 @ 6:25, WQAM-560 @ 6:28, Fla. #1, R. Belize-834 @ 8:15pm, R. Maguerita-1020 Venezuela @ 10:39pm, as KDKA was just about inaudible. WTXL-1490 Mass. @ 11:04pm w/Top 300 Contest, WCSS -1490 N.Y. @ 11:13pm s/off. 11/30- WMRP-1490 Pa. @ 12:07am s/off, WJAC-850 Pa. @ 1:55am, WQXI-790 Ga. @ 1:56am, KIOA-940 Ia. @ 2:16. The entire evening of 11/29-30 was strange, as signals were quite weak & unstable, yet they were better from the N than the S; like a bad mid-Summer night. 11/30, con'd.: CKAC-730 @ 7:01pm, WNY-790 @ 7:10, CBJ-1580 @ 8. 12/1- WTAC-600 Mich. @ 1am. 12/3- CHSJ-1150 N.B. @ 8:36pm. 12/4- WDXR-1560 Ky. @ 12:06am, WATE-620 Tenn. @ 12:30, KNX-1070 Cal. @ 1:46 w/unbelievable signal, KRMG-740 Okla. #1 @ 3:06am, WCHB-1440 Mich. @ 3:12, WMT-620 Vt. #1 @ 3:25am, weak & not heard till after WTMJ s/off, whilst looking unsuccessfully for WSUN, WMT-600 Ia. @ 3:33 for fifth logging on this frequency while looking for (unsuccessfully) home local WICC. WOW-590 @ 3:36 for Neb. #1, WIBC-1070 Ind. @ 3:45am, WFRB-560 Md. @ 4:45pm, WIVK-850 Tenn. @ 5:05, WPCP-940 Miss. #1 @ 5:47pm, WEAV-960 N.Y. @ midnight s/off. 12/5- CHEX-980 @ 10:12am, WSEN-1050 N.Y. @ 11, WYXX-1550 Ga. @ 5:29pm s/off, CBE-1550 @ 5:30, KV00-1170 @ 6:16pm for Okla. #3, WAIT-820 @ 6:19pm, CHFI-680 Ont. @ 6:27pm o.WINR, GJKL-560 Ont. @ 6:30, & WAAM-1600 @ 7:05pm. Total logging now 268. I'm amazed at the frequency with which KFI/KNX are heard here. It's hard to believe that 175 miles make that much difference. Florida is very difficult here, with only one logging so far, compared with something like 60 from my Conn. location, third only to N. Y. & Pennsylvania. 73.

FRED NORDQUIST - 302 Sandra Lane - North Syracuse, New York - 13212

With almost eight months elapsed, finally I found time to send in a Musing. Several new stations logged recently as follows: 11/26- WKER-1500 N.J. rr @ 4:17pm. 11/28- WEYX-1580 Ala. c/w & SID @ 5:40pm, WSEB-1580 Fla. s/off @ 5:44pm during Aurora CX. 12/4- New RF amplifier tube installed in SX-110, unnn KS00-1140 S.D. noted @ 5:44pm, unnn KAAY-1090 @ 5:47, WNOE-1060 La. first time heard w/rr o/u KYW 5:52. New 350' longwire (#14 cw) strung E/W 10' AGL installed later that night resulted in 20/S-9 improvement in gain of station WHO-1040. I'm hoping for long-haul DX on it this season. Report sent to WEZE-1260. Totals now at 594 heard, 39-plus-D.C., eight provinces, 28 countries, four Syracuse veries (174 veries lifetime). The longwire could be lengthened another 1,000' if I can cut through the thickets (\$\$\$, hi). I'll settle for 350' now. 73 & good DXing.

SHELDON SWARTZ - 942 Cass Avenue - Woonsocket, Rhode Island - 02895

Hi, fellow members! This is my first Musing since a year ago. Since then, I've DXed only about an hour in a year, but returned to it last night, 12/6. In fact, I had the pleasure of DXing with member Mike Collins of Conn. Together we nabbed KFI, my first WC station, u/CMQ @ 2:30am. Also that night, while looking for tester WGB-1050, CHUM dominated the channel, but not well enough to prohibit our catch of XEG w/religious program @ 1:30. WGB in only briefly, but if it weren't for the Morse Code IDs, & TTs, it would have been impossible. We noted WHN off @ 12. At the time we fell asleep @ 4, WHN was STILL off. Noted was usual WAPA-680 u/WRKO OC. I phoned CE at WKTJ & asked him to TEST from 2 on - which he kindly did. And they really bombed in. Also, just @ 2, an unID TTR came on w/same 1 kc. TT, perhaps WSYB Vermont. I must renew my NRC subscription - can't afford to miss an issue. Thanks to Mr. St. Cyr of WKTJ (C.E.) & NRC for making its reception possible. You'll be hearing from me later. (We hope you will write in soon, and often, Sheldon! -ERC)

ANDREW ROBINS - 2724 Fleetwood Drive - Portage, Michigan - 49008

Hello! Being a new member an introduction is in order. I am 15 years old & am presently a sophomore at Portage Northern H.S. where the homework is (usually) light which is nice DX-wise. My present location is good for several reasons, one of which being that our backyard will accept my 100' inverted dipole with room to spare. I have two receivers, an Allied 2682 & a Heath GR-78. The Allied & dipole combination has produced 122 stations to date & the number is growing. The last two or three weeks have been rather long on school work and short on DX but after digging around in my log the following were discovered: 10/28- CHML-900 & XEW-900 fought it out in a seesaw fashion @ 10:10pm while WMC-790 @ 10:12 & KSD-550 @ 10:17 were heard w/MoR programming. An interesting note: For the past few months WSAL-1360 has been giving local WKMI-1360 a hard time (big deal!) A poor signal from CHYR-710 heard @ 6:05pm while CHFI-680 was logged @ 6:15, 10/30. Earlier in the day WTVB-1590 noted w/religion programming @ noon. 11/3 produced two welcome catches: WKYX-570 @ WAAX-570 @ 11:50pm w/c/w & rr formats respectively. 12/4 I came up w/WTAE-1250 @ 6:30pm & WWRL-1600 @ 7:14pm. Reports sent to WWRL & KXEL. So long for now, I hope to be here often. 73s. (We hope your hope comes through, Andrew! Do Muse frequently! -ERC)

R. STEPHEN DILDINE - 1900 South Eads Street - Apt. 725 - Arlington, Virginia - 22202

DX has been good to IA the last week, but few TAs have been noted. This week I got reports out to YND XEG WCVR PJC2 Jamaica-700 KTI-931 ZDK CMCA Surinam-725 WDAK & WORD. Veries received include WDAK KWMT WORD PJA6 XERF (country #10) & WKAQ (#11). I now have six states verified. WCVR came in quite well for their TEST. I spent 2½ hours on the telephone to the FCC before I was connected with some one who knew about KTI-931. I called RJE with the info, & it should have been in last week's DX NEWS. According to WFBR's engineer KTI-931 operates 9am to 4pm weekdays w/a wave vertical at a power of 1kw. They are doing ground conductivity measurements & WFBR MAY move to 650. The engineer also said that when they were using 100w they were heard in Philadelphia. He also said they would be operating only a few more weeks so they may be off by the time this Mising gets printed. On 11/2 @ 10:12pm until 11 a wobbled carrier jammer was noted on 719k which is one of the Radio Free Europe channels. No sign of RFE though. (I'd appreciate double spacing, Stephen, please? -ERC)

PIERRE TREMBLAY - 1124 2e Avenue - Quebec 3, Quebec

Hi, everyone. December has been great. 11/15- CBI-1140 5pm for an unusual catch. 11/16- WHEC-1460 w/rr 12:15am, WJAS-1320 w/TT, CKPC-1380 w/MoR, WWJ-950 12:50am, CHWO-1250 c/CKEL 4:45-5:15pm. 11/17- WRLE-1330 2:30am for a new log, With CHLN-550 off, CFNB came in @ 3:30am, then WKRC showed up @ 3:40 w/promo; WPRO-630 w/rr 4:05am, WEAV-960 w/Super-hit radio @ 6:45am. 11/19- At lam CKCY-920 on top w/a tremendous signal. 12/8- WOAI-1200 3:40am. WIP-610 3:55, CJBR-900 4:04am. Some stations were heard all day, w/WMEX-1510 still there @ 10:42am & WKEW-1520 & WPTP-1540 audible at 12-12:15pm. WAKR-1590 w/rr 10:30pm, CKPM-1440 10:45, WBEC-1420 10:50 w/rr for a good catch, CFLV-1370 11pm. Best DX.

KEITH BIRLINGMAIR - Route 1 - Box 44P- Rockton, Illinois - 61072

I am beginning to enjoy Musing. When you realize that 500 people are reading them, you might sometime consider what your reaction would be if you had to read them up in front of an audience! Onward & upward, the night of 12/1 was extremely Auroral here. Super-pest KXEL was almost completely absent, & a possible ZNS was logged under them. KXEL does not go off any more, or at least they didn't SM 12/5. (Now off MMs @ 2:30 -ERC) It doesn't really matter though, the MWA has been rough lately anyway. DX: 12/1, as I mentioned before, possible logging of ZNS w/MoR, very little talk, @ 10:10. Is it ZNS? 12/2- daytime DX, WAGO-690 Oshkosh, in for an easy log @ 4:10. Also weak WOI-640 @ 4:30 & KWNT-540 s/off @ 4:45. 12/5- More day DX as the morn was a complete flop. WMAD-1550 @ 10:20am w/ads & lots of c/w. 12/6- XERB-1090 in w/pop U.S. songs of a while ago, & one ID @ 3. And last, CJRN-1600 w/WX & mx @ 4:08. Oh oh - I just rememberd I forgot to put the times in EST; they're CST. Thanks to Paul Hart for clearing up my misunderstanding about WISN. Good DX & may Allah rid the skies of the MWA!

DICK TRUAX - 5101 Tamarock Drive - Charleston, West Virginia - 25312

Things have really started poppin' in the few times I've had at the dials since last Muse. First, my newly-rebuilt 2' loop now has the ability to null completely all but one of my locals, so on 11/14 WXLW-950 Ind. was in nicely till s/off @ 5:30pm w/WKAZ nullled. Then on 11/24 WILL-580 Ill. w/cl mx & ID @ 5:32pm w/WCHS nullled. On 11/26, WVP0-840 Pa. in nicely w/ID @ 4pm w/WHAS nullled. I also heard AEN NX u/WVPO which may have been the needed station in Conn. but no ID possible. Then on 11/29 @ SSS, wonder of wonders, an Auroral event was in full swing & five newies caught in two hours, w/many s/off's missed that I know were needed. First, WEBY-1330 Fla. s/off @ 5:45pm all alone, then WLSM-1270 Miss. s/off @ 6. KNCK-970 Tex. w/rr & WX @ 6:20pm all alone but by s/off @ 6:30 it was w/WAVE-pest. Yes Virginia, there still is someone who hasn't logged ZDK-1100, so @ 7:05pm beautiful ID, SID, & into R&B show all alone on channel. Lastly, YVMH-700 w/super-pest WLW nullled w/three R. Popular IDs @ 7:24pm, only second station claimed on this channel. More in 14, maybe in seven if these CX continue.

THOMAS R. SUNDSTROM - Box 205 - Willingboro, New Jersey - 08046

Hi gang. I think something has to be done about clarifying the A<sub>Fr</sub> indices being reported by the NRC & IRCA. Unless I'm mistaken, nothing matches between the values reported at 18 minutes past the hour on WWV (04 45 past on WWVH), the bar graph in the DX NEWS, & the listing by Pejza in IRCA's DXWW section - anyone else notice this? I had WWV stated values for Nov. 11-14 as 08, 08, 03, & 01. NRC's graph says, for the same dates, 15, 11, 03, 01. depending on how you interpolate the y-axis. Pejza says 16, 10, 02, & 01 and Erickson 02, 06, 04, & 02. Another illustration of the discrepancy, on P. 2 of DX NEWS for 11/27 (Vol. 39, #8) the writer (I presume GPN) says 11/21 A<sub>Fr</sub> was 06, & WWV gave it as 10. I assume the writer picked it for 11/21 and not 11/20; WWV is always a day behind, i.e. as I write this on 11/30 it is giving the 11/29 index as 04. I'm not trying to make ~~any one~~ feel guilty or making catcalls at any club or individual; I am just curious as to why the discrepancy. I think the A<sub>Fr</sub> index is a useful tool. The 11/22-26 period had high values & good IA openings which I would not have been clued into otherwise: 19, 35, 21, 27, 15. Virtually no E/W skip the evening of 11/25, IAs booming in on virtually all clears & regionals other than the immediate ER area. Unfortunately I didn't have time to go digging. 73.

Simple explanation, Tom - the geomagnetic indices transmitted by WWV and those plotted here in IDX of DXN are not the same quantities. As I said on page 4 of the June 19th issue of DXN (the first announcement of the WWV index): "The index transmitted will be the Boulder, Colo., A index; since Boulder and Fredericksburg are located on almost identical geomagnetic latitudes the values may be used interchangeably for our purposes. The values track very closely." WWV's index is a measure of the disturbance of the Earth's magnetic field at Boulder and is called the A<sub>Bo</sub> index; A<sub>Fr</sub> is for Virginia. The values are usually very close but may differ somewhat on some days by a few points. It's like measuring the daily average temperature in two cities a few hundred miles apart; the correlation will be quite close but there will be some variation day-to-day. The following graphs show how closely A<sub>Fr</sub> and A<sub>Bo</sub> usually agree. In the first plot we show the relationship A<sub>Fr</sub> and A<sub>Bo</sub> between the two values for particular days; if the values agreed exactly every day all the points would naturally fall on the diagonal line. The second graph shows the two index values over the span of about a month. The IDX graph comes from the weekly report of the Space Disturbance Warning Center (or, equivalently, the NOAA teletype line); I do not know the origin of the values reported in IRCA. When our present space shortage here in DX NEWS is alleviated I'll run the rest of my aurora article which goes into relevant questions such as the best index for DX'ers, the relationship between A index and the location of the auroral absorption zone, etc.

\*Gordon Nelson

EDITOR:  
 r.j. edmonds  
 box 946  
 wayne, n.j. 07470  
 (201) 335-6387

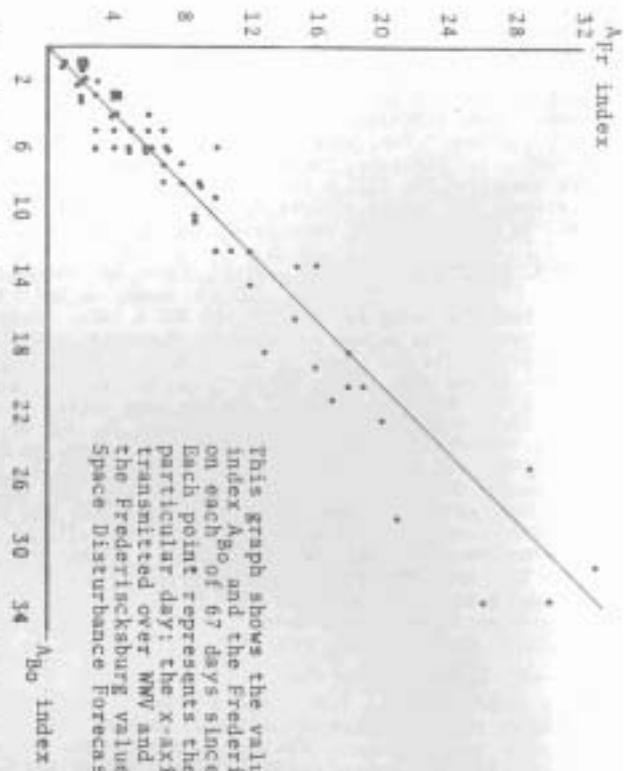


**DOMESTIC  
 X  
 DIGEST**

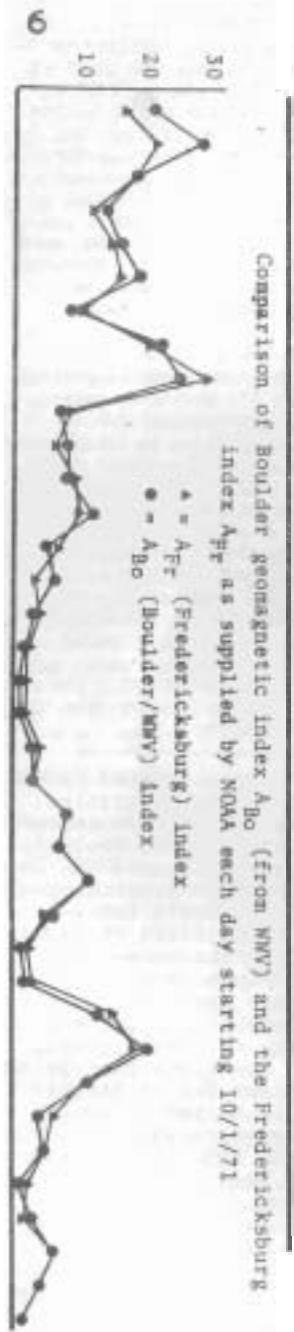
Greetings again, folks: Finally we're caught up to our mail, hi. This issue goes out with an early deadline ( Tues. nite instead of Wed. nite ) to beat the holiday mail rush, so is a bit small. No DX here of significance due to work, and some ungodly static brought on by a wierd December warm front , like up to 65° Saturday ( 12/11 ). Ah well, holiday vacation is coming, and that should be good for a few days of daytime DX, some good sunsets, and, at least 2 MM's. Now on to DDXD normalcy:

**sunset & evening**

- 540 WETC-NC Hrd s/off 1700 12/5 ( Bill Alisaukas, Lake Hopatcong, N.J. as are all sunset items this issue )
- WYNN-SC Hrd w/ nx, mx 1700 12/1
- WGTO-FL Hrd w/ID, rr 1715 11/27
- 550 WGGA-GA Hrd 1708 12/1 w/ID after CBS nx
- CHLN-QU Hrd atop 11/16 1722 w/FF
- 600 WPDQ-FL Alone w/traffic report 1711 12/1
- 680 WCAW-TN Hrd w/ ID, c&w 1702 12/5, not hrd in ages
- 690 WNNT-VA Hrd 1700 s/off 11/17
- 740 WMBL-NC Hrd 1655 11/24, loud & alone on channel
- WPAQ-NC Hrd w/ ID 1706 11/16
- 860 WOAY-VA Hrd u/CJBC 1708 11/16
- 900 WAYN-NC Hrd 1700 s/off 11/23
- WEAS-GA Hrd 1730 s/off 11/23 alone on channel
- 930 WCNR-PA Hrd 1644 s/off thru WPAT 11/21
- 940 WMAZ-GA Hrd 1710 11/23 local-like, alone
- WCPC-MS Hrd w/ relig to 1800 s/off , alone
- 970 WEBR-NY Hrd 1748 finally 11/16 after 10 yrs. of trying
- 990 WBTE-NC Hrd 1641 12/5
- 1060 WCIR-WV Hrd w/ ID, nx 1630 11/24
- WMAF-NC Hrd w/ ID, nx 1655 11/30
- WNOE-LA Hrd well o/KYW 1752 11/30
- 1090 KAAZ-AR Hrd 1751 11/30
- WBZB-NC Hrd 1643 ID in WBAL fade w/ c&w 11/30
- 1150 WNDP-FL Hrd w/ ID, local nx 1710 11/29
- 1220 WENC-NC Hrd 1716 s/off 11/24
- 1230 WCBT-NC Hrd 1731 ID, mention of Roanoake Rapids 11/30
- 1270 WHLD-NY ATOP at 1415 11/25, very unusual \*\*\* That's very strange, Bill - RJE
- WMPM-NC Hrd 1651 12/1 w/ local nx
- 1320 WCVR-VT Hrd 1610 w/ nx, ID 11/25
- 1360 WKAT-FL Hrd 1659 w/ tele-talk, way o/WDRW 11/29
- 1370 WMHL-MD Hrd ID 1645 12/2
- 1400 CJFP-QU Hrd 1630 11/14 w/FF
- 1420 CKPT-ON Hrd 1822, first time in a couple of yrs, 11/20
- WTCR-KY Hrd 1715 12/4
- WBEG-MA Hrd 1720 12/4
- 1530 WOBR-NC Hrd 1700 s/off 11/29, alone
- 1570 WTOW-MD Hrd 1646 s/off, local like 11/29
- 1590 WETT-MD Hrd ID 1800 for another long-sought one 12/1
- WGOE-VA Hrd 12/9 1650 atop, never hrd on RS tho'



This graph shows the value of the Boulder index  $A_{Bo}$  and the Fredericksburg index  $A_{Fr}$  on each of 67 days since October 1st. Each point represents the value for one particular day; the x-axis value is the index transmitted over NWV and the y-axis value is the Fredericksburg value as supplied by the Space Disturbance Forecast Center (NOAA).



Comparison of Boulder geomagnetic index  $A_{Bo}$  (from NWV) and the Fredericksburg index  $A_{Fr}$  as supplied by NOAA each day starting 10/1/71



|     |            |               |     |            |                |     |           |               |      |            |               |
|-----|------------|---------------|-----|------------|----------------|-----|-----------|---------------|------|------------|---------------|
| 550 | KSD-Mo.    | Cl(KO)        | 640 | WOI-Ia.    | tk(KO)         | 860 | WNOV-Wis. | rr(KO)        | 990  | WFAB-Fla.  | SS(MC)        |
|     | KAFY-Cal.  | rr(Doc)       |     | #KFI-Cal.  | MoR(Doc)       |     | KTRB-Cal. | MoR/Rel(Doc)  |      | WIBG-Fa.   | rr(MC)        |
| 560 | WHYN-Mass. | rr(SF)        | 650 | *WGM-Tenn. | rr/cw          | 870 | WKAR-Mich | Cl/tk(KB)     |      | WNOX-Tenn  | rr(KC)        |
|     | WCKL-NY    | MoR(MC)       | 680 | CFTR-Ont.  | MoR(Tk)        | 880 | WRFD-Ohio | cw(JS)        |      | KWAM-Tenn  | Rel(MC)       |
|     | WFIL-Pa    | rr(MC)        |     | WRKO-Mass. | rr(MC)         | 900 | WFIA-Ky.  | MoR(RL)       |      | WHOO-Fla.  | rr(RL)        |
|     | WHBQ-Ten.  | rr(JS)        |     | WNYR-NY    | cw(MC)         |     | WOTW-NH   | cw(BGK)       | 1000 | WTIG-Ohio  | rr(RL)        |
|     | WEBC-Min.  | MoR(KB)       |     | WMPS-Tenn  | rr(MC)         |     | WFLN-Pa.  | Cl(MC)        |      | WHWB-Vt.   | rr(MC)        |
|     | WIND-Ill.  | rr(KO)        |     | KNBR-Cal   | MoR/rr(Doc)    |     | WRCH-Conn | MoR(MC)       |      | WLMS-Mass  | MoR(BGK)      |
|     | #KSF0-Cal. | MoR/tk(Doc)   |     | WCBM-Mo    | rr(RL)         |     | WBRJ-Ohio | cw(RL)        | 1020 | WHTH-Ohio  | rr(RL)        |
| 570 | WMCA-NY    | tk(BGK)       | 690 | WCAW-WVa   | cw(RL)         | 920 | WJAR-RI   | MoR/tk(SF)    | 1030 | WPEO-Ill.  | Rel/Cl(KO)    |
|     | +WAAX-Ala. | cw(RL) rr(RG) |     | WADS-Conn  | rr(MC)         |     | WBAA-Ind. | Cl/tk(KO)     | 1050 | KCTA-Tex.  | Rel.(KO)      |
|     | WWNC-NC    | cw(RL)        |     | WAPE-Fla   | rr(RL)         |     | WUNI-Ohio | cw(RL)        |      | WHN-NY     | MoR/rr(MC)    |
|     | *WKBN=O.   | cw/MoR(S)     |     | WTIX-Ia.   | rr(RL)         |     | CKNX*Ont. | MoR(RL)       |      | WOKL-Wis.  | MoR(KO)       |
|     | KTHO-Cal   | MoR/rr(Doc)   | 710 | KSTL-Mo.   | cw(KO)         |     | WGST-Ga.  | rr(JS)        |      | WBUT-Pa.   | rr(JS)        |
|     | WKYX       | cw(RG)        |     | *WOR-NY    | tk(BGK)        |     | WMEG-Fla. | rr(MC)        |      | WPAG-Mich  | rr(RL)        |
| 580 | WTAG-Mass  | MoR(BGK)      | 730 | CHYR-Ont.  | rr(JS)         |     | WGHQ-NY   | MoR(MC)       |      | WCEF-WVa.  | rr(RL)        |
|     | WIBW-Kans  | cw(KB)        |     | WHB-Mo.    | rr(KO)         | 930 | WNNH-NH   | MoR(MC)       |      | CJIC-Ont.  | MoR/rr        |
|     | CKY-Man.   | rr(KO)        |     | WJTO-Me.   | rr(MC)         |     | WKY-Okla  | rr(KB)        |      | WLIF-Wis   | MoR(KO)       |
|     | WHP-Pa.    | MoR           |     | WACE-Mass. | tk(SF)         |     | WBCK-Mich | rr(RL)        | 1060 | WDZ-Ill.   | Cl(KO)        |
|     | CFRA-Ont.  | rr(RL)        | 740 | CKLG-BC    | rr(RL)         |     | WEOL-Ohio | MoR(KO)       |      | WOIO-Ohio  | Tk/MoR(JS)    |
|     | CKPR-Ont.  | rr(RL)        |     | WKIS-Fla.  | MoR(MC)        | 940 | WGRP-Pa.  | MoR/rr(S)     |      | WHFB-Mich  | MoR(KO)       |
|     | WILL-Ill.  | Cl(KO)        |     | WJIB-Mass  | MoR(MC)        |     | WJOR-Mich | MoR(KO)       |      | WNOE-Ia.   | rr(KO)        |
|     | #KMJ-Cal.  | MoR(Doc)      |     | WGSM-NY    | MoR(MC)        |     | WINZ-Fla. | rr(RL)        | 1070 | KPAY-Cal.  | rr(Doc)       |
| 590 | CKEY-Ont.  | MoR(TK)       |     | WVCH-Pa.   | MoR(MC)        |     | KIOA-Col. | rr(KB)        |      | CJRP-Que.  | rr(PT)        |
|     | WEEI-Mass  | tk(SF)        |     | WCAS-Mass  | MoR/tk(SF)     |     | WFAW-Wis. | MoR(KB)       |      | WDIA-Tenn  | r&B(MC)       |
|     | WROW-NY    | MoR(MC)       |     | KRMG-Okla  | MoR(JS)        |     | WINE-Conn | MoR/rr(MC)    |      | WHYZ-NC    | rr(JFP)       |
|     | WOW-Neb.   | MoR(KB)       |     | WBAM-Ala   | rr(RL)         | 950 | WLOF-Fla. | rr(MC)        | 1080 | WTSO-Wis.  | MoR/rr(KB)    |
|     | WVLK-Ky.   | rr(RL)        | 750 | +WHEB-NH   | rr(MC) MoR(JS) |     |           |               |      | KNX-Cal.   | rr(JS)        |
|     | WLVK-Va.   | rr(RL)        |     | WPDx-WVa   | cw(JS)         |     |           |               |      | WKAC-Ala.  | rr(RL)        |
|     | WKZO-Mich  | MoR(KO)       | 790 | WAEB-Pa    | rr(MC)         |     |           |               |      | WKLO-Ky.   | rr(RL)        |
|     | WRTH-Ill.  | Cl(KO)        |     | WEAN-RI    | MoR(MC)        |     |           |               |      | WPNS-WVa.  | rr(RL)        |
| 600 | CFCF-Que.  | MoR(MC)       |     | *WMC-Tenn  | MoR(MC)        |     |           |               | 1090 | WNWI-Ind.  | MoR(KO)       |
|     | WREC-Ten.  | MoR(MC)       |     | KULF-Tex   | rr(KB)         |     |           |               |      | KRLD-Tex.  | rr(KO)        |
|     | *WICC-Conn | rr(BGK)       |     | WFUN-Fla   | rr(RL)         | 960 | WGRT-Ill  | rr(KO)        |      | KAAY-Ark.  | rr            |
|     | WMT-Ia.    | MoR(KB)       |     | WqXI-Ga.   | rr(RL)         |     | WELI-Conn | MoR(MC)       |      | WILD-Mass. | r&B(BGK)      |
|     | WPDq-Fla.  | rr(RL)        |     | +WPIC-Pa.  | rr(RL)MoR(S)   |     | +CKWS-Ont | MoR(KB)rr(RL) |      | WGLC-Ill.  | MoR(KO)       |
|     | WTAC-Mich  | rr(RL)        |     | WEAq-Wis   | rr(RL)         |     | CFAc-Alt. | cw(JS)        | 1100 | WMUS-Mich  | MoR(KC)       |
|     | KSJB-ND    | rr(RL)        | 800 | CHRC-Que.  | MoR/tk(PT)     |     | WVST-Ohio | MoR(RL)       |      | WHLI-NY    | rr(MC)        |
|     | CFCH-Ont.  | rr(RL)        |     | WCCM-Mass  | MoR(SF)        |     | CHNS-NS   | MoR(RL)       | 1110 | KFAX-Cal   | Multi-Lingual |
| 610 | CKTB-Ont.  | MoR(TK)       |     | WKEE-WVa   | rr(RL)         |     | WSBT-Ind  | MoR(KO)       |      | WGRC-Mass  | rr(MC)        |
|     | WDAF-Mo.   | MoR(KB)       |     | PJB-N.Ant. | Rel/MoR/SE     |     | WFGI-Mass | MoR/tk(SF)    |      | WNAR-Pa.   | MoR(MC)       |
|     | WTOR-Conn  | MoR(MC)       |     | WLAD-Conn  | MoR(MC)        | 970 | KBEE-Cal  | MoR(Doc)      |      | WTBQ-NY    | MoR(MC)       |
|     | WGIR-NH    | MoR(BGK)      | 810 | WDMP-Wis   | cw(KB)         |     | WHA-Wis   | Cl/tk(KO)     |      | WHIM-RI    | cw(MC)        |
|     | WSGN-Ala   | rr(KB)        |     | WSJC-Miss  | rr/rel(RL)     |     | WMAY-Ill  | MoR(KO)       | 1120 | KRLA-Col.  | rr(RL)        |
|     | KFRC-Cal.  | rr(Doc)       |     | KCMO-Mo.   | rr/cw(RL)      |     | WREO-Ohio | rr(RL)        | 1130 | WWOL-NY    | cw(JS)        |
|     | WAYS-NC    | rr(RL)        | 820 | WAIT-Ill.  | Cl(KO)         |     | WIIN-Ga.  | rr(RL)        |      | WCAR-Mich  | rr(MC)        |
|     | WTVN-O.    | rr(RL)        |     | WOSU-Ohio  | Ft:Cl(MC)      | 980 | WSUB-Conn | MoR(MC)       |      | WDGY-Minn  | rr(MC)        |
|     | KDAL-Minn  | MoR/rr(KB)    | 830 | WNYC-NY    | Ft:Cl(MC)      |     | WCAP-Mass | MoR/rr(BGK)   |      | KWKH=La.   | cw/MoR(MC)    |
|     | WVNI-NJ    | MoR(MC)       | 840 | WMOB-Ala.  | rr(RL)         |     | WTRY-NY   | rr            |      | WISN-Wis.  | MoR(KB)       |
|     | WLBZ-Me.   | MoR(BGK)      | 850 | WHDH-Mass  | MoR/J(MC)      |     | WONE-Ohio | cw(RL)        |      | WASP-Pa.   | cw(JS)        |
|     | KGW-Ore.   | rr(RL)        |     | WEEU-Pa.   | MoR(MC)        |     | WTKA-Pa.  | rr(RL)        | 1140 | WNEW-NY    | MoR(JS)       |
|     | CKCK-Sack  | rr(KO)        |     | WWJC-Minn  | MoR(KB)        |     | WSIX-Tenn | MoR(RL)       |      | WQBA-Fla.  | MoR/SS        |
|     | WPRO-RI    | rr(SF)        |     | WIVS-Ill   | Cl/MoR/tk      |     | WFHG-Va.  | rr(RL)        |      | WEZY-Pa.   | MoR(JS)       |
| 630 | CKRC-Man   | rr(KB)        |     | WYDE-Ala   | cw(RL)(KO)     |     | CFPL-Ont  | MoR(KL)       |      | WSIV-Ill.  | MoR(KO)       |
|     | KXOK-Mo.   | rr(KO)        |     | CKVL-Que.  | tk/rr(PT)      |     | CBV-Que.  | Ft:CBcf(PT)   | 1150 | KRAK-Cal.  | cw(Doc)       |
|     | WLAF-Ky.   | rr(RL)        |     | KFUC-Minn  | Rel(KO)        |     | CKGM-Que. | rr(PT)        |      | WCNX-Conn  | MoR(MC)       |
|     | KDWB-Minn  | rr(RL)        |     | WKBZ-Mich. | Cl(KO)         |     | WITY-Ill. | rr(KO)        |      | WCOF-Mass  | cw(MC)        |
|     | CFCC@Ont.  | MoR(RL)       | 860 | CJBC-Ont   | Ft:CBcf        | 990 | WNTY-Conn | MoR(MC)       |      | WYFE-Ill.  | rr(KB)        |
|     | CJET-Ont   | rr(RL)        |     | WTEL-Pa.   | SE             |     | WLKW-RI   | MoR(BGK)      |      | CKOC-Ont.  | rr            |
|     |            |               |     |            |                |     |           |               |      | CJRC-Ont.  | rr(PT)        |



ROBERT FOXWORTH  
GPO BOX 2111

All times in IDXD are in GMT. Please use one side of the paper, single spaced in items (so that I may stack them in order without taking too much space) and a double space between items (for cutting them apart for sorting). Items do NOT have to be in frequency, or any other sequence; I take care of the order when assembling the strips on the desktop. It is not necessary to draw big arrows to indicate an out-of-sequence item. That's about it. Mni tnx. **Now, on to receptions:-**

- \*\* 625 Costa Rica. "Radio Cometa" (?) may be the name of this weak but regular stn with the old "Voz de la Victor" format. Too weak to overcome WSUN and CMHQ splash so have little detail. Now - what is the situation with the 2 megawatt station planned for here? (Schatz, Fla.)
- 640 Colombia. HJBJ, Santa Marta briefly under CMQ 0502 12/2 with ID as "La Voz de Santa Marta" and immediately after that, an unID stn s/off, perhaps it was HJBJ itself. First time I hrd HJBJ since 1962. (Rugg, P.Q.)
- \*\* 645 Paraguay?? unID hrd here 12/6 and taped (a copy sent to DFG for translation) Hrd 0843-0907 fadeout. Many mentions of Paraguay, Asuncion and possibly either Encarnacion or Internacional, (they sound quite close when garbled) with severely rolled "r's" and guttural native Indian-influenced accent; bearing dead on 160° every time. Bearing pattern and fade patterns very similar to Brazilian receptions of late and E-20 fadeout time was within 4 minutes of approximated time per charts for Asuncion. Best guesses are:
- A new outlet for 640 (or 650?-ed) off freq. or,
  - Radio Encarnacion moved ex-760, and off freq. or,
  - R. Pres. Stroessner has upped power. (I suspect this spelling, rather than the WRTVH-listed R. Ponte Stroessner as it makes more sense inasmuch as no known maps list a city "Puerto Ponte Stroessner. (Edmunds, NJ)
- @ unID here logged with only fair signal here at 0840 tunein 12/13, lots of strident talk by man, seemed similar to Russ' description, above; signal readability bothered by locally-generated thermostat QRN. WNBC, incredibly, came on with a 15-kHz tone test at 0847; LSB completely obliterated signal. Ckd again a bit after 0900, unID had faded by then, unreadable. (Foxworth, NY)
- 650 Cuba. The R. Liberacion here, as many others are now carrying the Radio Enciclopedia Nacional (ex-R.E. Popular, per RFS) pgm AN. Hrd 12/6, brought up for ID 0820 by adjacent WNBC OC. (Edmunds, NJ)
- 700 Jamaica. JBC Montego Bay probably the unID Eng with end of "The World Tomorrow" 0528 11/28 and // 750. (Rugg, P.Q.)
- 710 Mexico. XEMP, Mexico City hrd with instr mx, IDs with WOR off or on OC all morning 12/6 0750. (Edmunds, NJ) WGBS Miami was testing here both 12/6 and 12/13 with WOR silent both days, WGBS had OC seemingly continuous. Stn hrd here fair level 12/6 with segued instr pieces, unIDed by me but must've been XEMP; was almost inaudible 12/13 here, tho. Hrd what seemed like an oscillator sweeping across the freq a few times and am wondering if WOR was doing impedance bridge work on their towers then? (Foxworth, NY)
- 710 Puerto Rico. WKJB Mayaguez hrd per PT tip just after s/on with ID "esta es kah jota bay, Mayaguez" 0917 12/6 with WOR on with OC. (Edmunds, NJ)
- @ WKJB logged here 12/13 at 0915, brief armt, then SSB, then more details. Very weak thru WOR OC, hard to loop here due to building reradiation. Tnx this and XEMP to Russ's report, received by me Sunday 12/12 - another benefit of having club mail sent to a P.O. Box. All DXers in the 11226 ZIP code area, take note, hi (Foxworth, NY)
- 725 Surinam. SRS s/on 0930 then in Dutch with local mx. Fantastic signal in Miami. (Schatz, Miami)
- 780 Br. Virgin Is. ZBVI fair at s/on about 0959 12/13. They put their carrier on only about 2 seconds before starting GSQ. Easily filled channel; there were a couple of weakies there before. Quick s/on and into dedications. A moderate WABC splash problem; couldn't get enough for a rpt. **Unverified here (Foxworth, NY)**

- 844 Gilbert and Ellice. I finally pulled audio with Gilbertese version of HI pgm with requests, featuring drumming selections and such during brief WHAS SP and even after back on 0908-0913 and 0924-0928 12/6. Tnx to rcvr and loop being repaired. Paralleled with PT by phone, only his was much better. Horizon blockage is a real groove. (Edmunds, NJ) (Is it painful?)
- 860 Had bits of audio 12/6 around 0845 again, not so strong as on 11/15 but a few words here and there. Signal showed quite a bit more fading in and out than on 11/15 and stayed in only a minute at a time, then out for a few minutes, in the classical in/out pattern. Careful here - there are 2 languages in use here, Ellice and Gilbertese. I have decided that my remarks about "sunset enhancement" are not applicable here, witness the number of reports of reception around 0900. LSS there is within a few minutes of 0630 year-round. WCNA reception 12/6 was much worse here than 11/15 so am a little surprised that 844 made any showing at all. (Foxworth, NY)
- 872 Dom. Rep. Radio Clarin has one of the better AN shows in the Caribbean. Semi-tight board with a very good humored DJ. Frequent spots for "Bermúdez Añejo Especial", a local rum. Powerful in Miami, including evenings. (Schatz)
- 900 Spain. EAJ-101 Zaragoza, I guess, the strong signal hrd 0750 12/7 in Sp. and didn't take the time to ID as unneeded, but signal was good. (Dangerfield)
- 920 Nicaragua. "Radio Tiempo", Managua AN over also-AN HJEY with mx and double phrased TC's every minute, even over the mx. Annc's "Con la hora exacta, minuto a minuto". (Schatz, Miami)
- 960 Colombia. Em. Fuentes, Cartagena is here after a long stay on 918.5 and no more het. Loud and dominant in Miami. Mx is mostly cumbias, paseos and merengues. This latter is a contraction of "mereketengue", best-described as a "waltz-cumbia" and in no way similar to the Dominican merengue. (RFS)
- 1000 Colombia. HJHN, Magangué, Bolívar. **This place is some 200 km. due south of Barranquilla.** S/on 0930 with signal like TWR-800. (Schatz, Miami)
- 1010 Colombia. HJOP, Radio Sutatenza, Barranquilla is the local B'qla outlet of ACP, not 960 above. Good, but not a clear signal in Miami; s/on at 0930. (Schatz, MiamiFla)
- 1020 Colombia. HJDP Neiva hrd with ID 0827 12/6 over KGBS and a YV. (Edmunds, NJ)
- 1030 Cuba. unID here, fair daytimer. Either Caribe or Guama moved over but have not had time to check ID. (Schatz)
- 1050 Puerto Rico. WCGB DX good with TT and IDs mentioning NNRC 0620 12/6 under XEG with CHUM nulled and WHN fortunately off. All ammts hrd were in Eng. (DeLorenzo, Mass) Rick Heald tells me ERC got them, too, about that time. I wonder how long they stayed on. I got home from work about 0625 thanks to an incredible delay on the Long Island Railroad, began DXing immediately and hrd absolutely nothing besides XEG and CHUM until a weak TT came thru about 0710. I now think that may have been KUPK-test. Phooey. (Foxworth, NY)
- 1055 Colombia. La Voz del Centro, Girardot much stronger than Valledupar, which used to be hrd here. S/on 0930. (Schatz, Miami)
- 1090 Colombia. HJBC very good and atop 0733 12/6. (Dangerfield)
- 1097 Canary Is. Radio Atlantico, ECS-4 according to ID and looping was the strong station hrd 12/6 with pop mx, which squeezed out EFE-14 between 0730 and 0740 on 12/6. Haven't many details but what I have are pretty definite. New country. (Dangerfield, Pa.) (Nice going, Ben. -ed.)
- 1110 Venezuela. YVQT, Carupano battling CBD and WBT 2251-2306 12/2. It dominated the frequency before 2300 with Radio Rumbos pgmg. After 2300 they IDed several times as "Radio Carupano" and had local pgmg. Quick fade at 2306 but traces still audible at around 2336 under WBT. (Rugg, P.Q.)
- 1160 Colombia. Emisora Sinú, Montería is running AN but mostly u/KSL. (Schatz)
- 1165 unID LA, on past 0930, very weak; Ecuadorian listed. (Schatz)
- 1170 Colombia. Radio Peninsula, Maicao. Call seems to be HJME. S/on 0900. Uses promo sung to the tune of "I think I'm going out of my head". (Schatz, Fla)
- 1178 Ryukyu Is? Noted feeble to weak carrier 11/14 with peak and male voice at 1105 - nothing loggable. Nothing at all 11/21. Cuban jammer no help. (Schatz)

11/15  
Schatz  
8/11/15

- 14  
1187 Hungary. Szolnok MM 12/13 0531 with news in Hungarian folo surprisingly not with Gypsy mx, but with a very 'mod' arrangement of "Green Eyes". Signal fair, modulation good but constantly varying. WOWO silent. Atmospheric quite high. Checked 539 but nothing there. New country. (Kocsan, NJ)
- 1205 Sierra Leone/France. These stns mixed at 0720 12/6. Would have expected S.L. to be much stronger as was hearing 1097 and 1349 at same time. (Dgf'ld)
- \*\* 1235 unID HJ or HC here; have been trying to get something out of this one for weeks, but haven't tried hard enough, hi. Fair to weak evenings. Broadcasting an emotional speech as I write this (0410 12/10) but adjacent splash makes it unintelligible. (Schatz, Fla.) more: S/off 0603 12/10 and add C.A. or even Peru as possibilities. Will keep trying. (Schatz)
- 1241 Dom. Rep. La Voz de la Libertad, Puerto Plata noted while searching for the YV reported here, 0930 12/9. (Schatz)
- 1269 Cuba. CMJG, Camaguey, "Reloj Nacional" is here with a miserable het. Separable days from WNOG-1270. (Schatz, Miami)
- 1285 unID, playing Mexican mx, noted well 0930-1000 12/9. Barbosa (HJ--) listed and likely it, but no ID noted. (Schatz, Fla)
- 1300 Puerto Rico, Radio Util, WTIL Mayaguez o/u domestics (about 5, hi) 0934 12/6. (Edmunds, NJ)
- \*\* 1335 unID noted past 0930 12/9, very weak and feeble audio. (Schatz)
- \*\* 1349 Mauritania. Nouakchott in with a beautiful signal 0707 to 0730 12/6 with unmistakable pmg. Must be using the 20 kw, as promised. New one. (Dangerfield)
- 1355 Colombia. "Emisora José Antonio Galán", el Socorro, very strong evenings in spite of local WWOX-1260. Caracol. (Schatz) (Sr. Galan must be a real egotist, or is this maybe a local hero, revered by the populace? -ed)
- 1394 Spain/Azores: Mixed signals hrd on 12/7 around 0015. Loop positions varied and will bear watching. (Dangerfield)
- \*\* 1406 unID. Likely Gleason's "Azuay" is back again with Pasacalles, pasillos and otherwise all indigenous mx. Still fair to weak, and still no ID. Last noted AN 12/9. (Schatz)
- 1419 Venezuela. unID hrd past 1000 12/9 with harp mx and spots mentioning the country. Likely Gleason's "Petroquímica" of 11/6. (Schatz, Fla)
- 1458 Colombia. Sincelejo noted AN with Todelar at various times during the past fortnight. (Schatz, Miami)
- 1460 unIDs. At least 3 LA SS's here 0940-0947 12/6, at least one looped P.R. but not known if WCID or WFBA. Third may have been HJJW but could not tell as no one stayed atop long enough to even try to ID. (Edmunds, NJ)
- 1462 Costa Rica. Radio Monumental, Ciudad Quesada just noted with Eng spot for CP Air. 0445 12/10. It seems that the entire Monumental network carries some English pmg. (Schatz)
- 1475 Dahomey POSSIBLY. Weak audio logged prior to 0700 and later 12/6 from African coast; at least, lower than Spain's bearing, it seemed. Can't be sure, but didn't spend too much time here as Dahomey was verified several seasons ago. (Dangerfield, Pa., near Phila.)
- 1530 Mexico. XEUR ~~LA~~ with lively mx and "Radio Onda" jingles after each song 0548-0555 12/6. (DeLorenzo, Mass)
- 1550 Puerto Rico. WKFE Yauco with "fiesta" mx in/out with unID cl mx stn 0914 12/6. (Edmunds, NJ)

## Verifications

- 844 Gilbert & Ellice. Tarawa verified with usual letter, same as that described on p. 19 of the 3/7/70 DX News except "Bairiki" replaces Betio. Is on legal size paper, and is typed, first I'd heard of. Definite verification, and identifies the woman announcer, who was in Ellice (language). Alan Robins, the signer, is on secondment from BBC and is there for a 2nd 2-year term. They are proposing a 2 kW relay "at the low end of the MW band" on the 700 mile distant island of Funafuti, to be fed by a HF SSB link, also a studio. Was 1 month in transit (roundtrip), mailed at Bairiki 12/10 and here 12/15. Postage was a 35¢ G&E.I.s. stamp; my taped report cost \$2.10 to send, but that was a 4-inch tape in there. Also sent article, may run in DXN (Foxworth)
- 880 Peru. Union verified, definite, addr. Jrn. Libertad #923-C, Magdalena del Mar. Lima 17. Wilfredo Olarte S., and brother Napoleon signed. Mentions lots of reports from eastern United States, maybe clearing backlog. (Starr, Ohio)

BILL FEIDT - 8708 Contee Road - Apt. 14 - Laurel, Maryland - 20810

Mediocrity has been the keynote of BCB CX for the past week, as we have apparently experienced the onset of good ol' Mid-winter Anomaly. I do have some new loggings, however, as follows: 12/1- YVNM-1000 Moron @ 6:40pm w/upbeat LA vocals & telephone numbers in Moron & Puerto Cabello; into live sports coverage @ 6:50. HJCX-700 Cali @ 9:59pm w/R. Sutatenza network ID; fairly weak, but better than WLW. 12/3- WLIV-920 Tenn. @ 5:31pm w/s/off briefly o/much QRM. 12/6- CJIC-1050 Ont. @ 1:05-1:10am w/CBC NX, new here on frequency change from 1490 while trying for WGB TEST. On the latter, I had two brief periods of TT @ 1:11am & 1:18, but that was all - WHN was off. Also Canadian NA @ 1:05 which could have been CKSB or CJNB, I guess. WBT seemed to be AN again - I hope this will not be a regular thing! WGOW-1150 Tenn. @ 2:18am w/rr, SID & local spots. Oh yes, WOR was also off, but was unable to UD anything, although I believe I had something other than WGBS. HJFF-1210 Pereira @ 2:25am w/the old "somos Todelar - somos La Voz Amiga" routine w/WCAU off for a while. WKTJ-1380 Me. @ 2:31-3:31am w/TEST; incredibly difficult the first half hour w/much QRM on frequency, but cleared up for good log during the second half; this was a new state taped for me. Then in the evening I had a very pleasant surprise in the form of KXJK-950 Ark. @ 5:50-6:01 pm s/off w/stocks, WX & religious message, s/off w/NA; does promo for KBFC-93.5; this & WPEW were alone here most of the time w/KXJK on top except for fades. I also have new tapes this time on KLRA KRMG XEW on SM @ 7am s/on, KNX, & WKLO. Veries are in from WLLS v/c, WYDK v/f for TEST, & WYDE CM w/verie note at the bottom. That's about it from here. 73 & DX.

BEN DANGERFIELD III - 202 Governor's Drive - Wallingford, Pennsylvania - 19086

It is 12/8, & I am sitting here listening to a program of old U.S. pop standards (like "A Fine Romance" & "Mood Indigo") on 770, w/WABC COMPLETELY LOOPED OUT! The station is SS & probably HJJX, w/RJR Mandeville in/out. Last Wed. I had all I could handle in the way of Colombians on 12/1, including a beautiful signal from HJFT on about 712k, WOR looped out. November was a good month, for the most part, but ended with a week of "blah" reception. The high spots included a logging of PRE2-1180, R. Globo, @ 2:30am 11/7, & a brief appearance of Kuwait-1345 @ 7pm later the same day. Same evening, I heard Brussels-926 @ 8pm w/Belgian ER. MM 11/8 I heard Sound of Music songs on 780 about 3:20am, Reno? And CHLC atop 580 around same time. 11/14- CENM, Marystown, Nfld. strong @ 4:30am s/on. MM 11/15- I had Australian sports results on 960 @ 3:45am & suspect ZFBI which loops that way - ZFV me a start! On 11/27 I heard WUSA-1450 @ 6pm with its already reported off-frequency broadcasts. 11/28 was quite Auroral, & I heard HLR-860 HIZ-730 & HJLP-890 among others during the evening. 11/27 was Venezuela night, with stations from there topping many frequencies, including 1170 1120 1080 1030 1020 & other spots. The one on 1080 was R. Universal, which s/off @ 11 allowing YVQJ to take over. The big thrills came on MM 12/6. At 2:07am I stumbled on Nouakchott, Mauritania-1349, w/their typical Mauritanian guitar mx plus announcements in FF & Arabic, & a very good signal. Then over to 1097 where I logged R. Atlantico, Las Palmas, Canary Islands, knocking out EFE-14 @ 2:35, The last two, if confirmed, will be two new countries. 73s.

ANDREW F. RUGG - 16 Lake Breeze Avenue - Pointe Claire 700, Quebec

Here's a brief Missing from me. I've logged two new LAs and have noted some other possibilities. 12/2- Much-wanted YVQT-1110 slashing through CED/WBT from 5:51-6:06pm. 12/3- Umm WINY-1350 ET/TT 12:11-12:21am w/intermittent TT. 12/4- UnID-1530 s/off @ 4:44pm, seemed to be WOBW? I'll try again for that one as odds are good that it'll be a new one. I finally got a log on YVRS-1020 from 5:40-6:12pm. Totals are 1,386 verified out of 1,472 reported. I would like to get up to 1,500 logged by the Miami '72 Convention. 73.

MARC DeLORENZO - 565 Ocean Street - Hyannis, Massachusetts - 02606

Greetings. MM 11/29- Very much Auroral following the major attack of a few days earlier. Only TA noted was Dakar-704 (which is usually stronger during Auroral CX anyway). No WMGS-730-TEST - just CKAC/XEX, the latter the

stronger. UnID-980 w/c1 mx dominant looping SW - w/WTRY off & CENM nulled 12:50-1:05am, who? 90% sure I heard WFHG-980 Va. s/off @ 1 but recorder is on the blink so not positive. C1 mx was still going strong following SSB so not they. WCVR-1320 TEST heard off/on 2-4 but had to really battle w/WVOJ for dominance. I called the guy up - said he had received calls ranging from Montreal to Arlington, Va. s/off was @ 4. WSER-1550 Md. Eting w/"Shaft" @ 2:20; phone call netted me a recorded "I'm sorry, WSER is not open for business at this time. Please call between 9 am & 5pm Monday through Friday." Grok! SS-870 not too strong w/ lively mx thought to be an HC, IDed @ 2:30 as Cuban. Double grok! WAMS-1380 Del. ET/mx 2:40. 11/29 PM, SS-1550 dominating 4:30-5 turned out to be WRIZ Fla. so watch out for this; IDs as R. Mundo; only EE ID was on the hour. WTWB-1570 Fla. ID in jumble @ 6; WKAQ-580 P.R. & WIOD-610 Fla. both alone on respective channels around 5:15, definitely a major Auroral disturbance! 740 had WKIS-Fla. & WSER Fla. battling it out @ 5:25. 12/2- TAS back (to a degree). BBC-1457 the best w/NX @ 9:07pm. 12/3- ORTP-640 Guadeloupe well atop Cuban w/accoridion mx to 9:30 s/off n FF & EE followed by anthem; country #70 heard; noted dozens of times before around ISS but never IDed. MM 12/6- XEUR-1530 I&C w/lively mx @ "R. Onda" jingles between songs 12:48-12:55 u/WJDM ET/OC. KLIF-1190 Tex. weak u/WOWO OC w/ phone-in show to 1:04 ID, never heard on RS before. Highlight of the morn was hearing the WCGB-1050 P.R. DX w/TTS & IDs mentioning NNRC u/XEG w/CHUM nulled & WHN off @ 1:20 - ERC, was their absence due to your efforts? Of so, thanks! (You're welcome, Marc! -ERC) XE??-710 I&C 1:50-1:55 w/Radiorama?? jingle after each song; the jingle was very slow & sung by a YL. Who dis? It's definitely Mexican as I heard a beautiful XE--Static-Burst ID. WKIJ-1380 Me. TEST not as strong as expected 2:25-3:30 tuneout. Announcer said furthest calls were from Dayton Ind. & Alexandria Va. No DX since 12/6 PM as I dropped some acid & nearly destroyed myself (no damage though) Total heard now at 1,237. 73. Keep up the good work - it is appreciated!

JOSEPH PELA Jr. - 150 Robert Place - South Plainfield, New Jersey - 07080  
 HI. Recent DX continues to be pretty good! 11/26- 11:55am, WHYY-1500 on 12/mx, 5:05pm, WJIM-1310 on top for several minutes w/WJIM 20-20 NX (which seemed to be some sort of network feed for the most part); 5:15 s/off WIND -1310; 5:15 s/off WJCH-1370, 5:29 WJNR-1500 on top with what sounded like SS (I was wondering who the foreign language was on the channel around this time); 5:30 s/off WJLH-1550, 5:32 s/off WJOD-1550. 11/30- 5:38, WPTC-960 way on top which is unusual, 5:42 s/off WJRH-970 with something sounding like WJMJ in the background (WJMJ is that had here at night), 5:46 WJAM-990 way on top of WJOK/WJBC w/R&B - I wonder what happened to their c/wt 6, KLCB-910 @ s/off, barely atop of the usual 12/4- 4:00am, WEEZ-1440 r/c-ET, 4:20 WKDO-1560 r/c-ET, very strong for 250w, 4:46 WNDV-1360 r/c-ET but too much QRM from WJLX (and not WJBC) for a report, 5:01 s/off WJOK-1440, 4:45pm s/off WJMI-1050, 4:59 s/off WYAL-1280 blasting WADO off the dial, 5, WMTN-1300 beginning NX, 5 09-5:12, a Carolina station noted on 1130, first thought to be WPYB or WCBX but tape seems to indicate unn WPUB much more likely, 5:19-5:31pm WMGA-1130 easily logged & reported, 5:32 finally I got an SID out of WAYD-1190 after quite a few tries but not enough for a report, 5 47, rather surprising to hear a WDAL-1330 ID u/WVEVD but nothing else, 5:56 WLKX-1270 prominent in the jumble. 12/5- 3:30pm, WGHM-1150 atop the channel w/what sounded like a rock format, 4:29 WBRG-1050 good, "Big B", c/w format, noted later also @ 4:59 off, 5:01 s/off WELK-1010, 5:24 WMGA-1130 noted again. 12/6- 1:11am s/off WAPI-1070, 1:19 WIST-1240 atop w/WX, 3:02 very local WAWZ-1380 on w/ET/TT/OC (and no IDs either as far as I could tell) but WKIJ-1380 TEST still well heard. WAWZ was nulled so well I didn't even know when they left the air as, by 3:14, they were off. That's it.

TIM KERFOOT - 34 Cross Street - Weston, Ontario  
 Activity since last Musing: 11/26- No trace of the WYRE-810 Special even on the console which is pretty reliable. 12/4- WPAF-1230 4:32pm on top briefly; MIDG-940, 5pm s/off. West Virginia is fast catching up to Michigan for fifth place in stations heard, and there are only four seperating Mich. from Va. which is in fourth place. Two new veries received: CJFP-1400 & WRIT-1340. 73.

KEN ONYSCHUK - 1643 Olive Road - Homewood, Illinois - 60430  
 Hi again, members. Since I last wrote, I've been busy with nulls, The last few days, 12/7-8, I've tried nulling out CJBC-860 Toronto. This U-1 FF pest is a real dominator. Daytime it's WNOV Milwaukee, 250 D-1-rr. A few years ago, KOAM Kans. came in one SSS but never again. However, the last two days I might have had WDMG Douglas, Ga. though not quite clear enough to the SE. Otherwise, 11/18, WFMJ-1390 O. very weak w/NX of Santa's arrival, 4:54pm; Trying for KOWR-660 Omaha (as if I half expected it at SSS) I DXed my usual WNBC N.Y. w/TK, 5:15-5:20. At 5:20, trying for something else beside WOR on 710, I got stuck with it w/traffic report. It's my only 710 ever. On 690 I nulled CBF to DX WVOK Birmingham w/c/w, then pollution NX @ 5:30, then mor mx to 5:45 s/off. I nulled 670-pest WMAQ to DX KFEQ-680 St. Joe, Mo. Local NX, then "Big Q Country" mx, 5:32-5:35pm. Then back to 690 to WVOK, turned RM to SE to DX WAPE, Jacksonville u/WVOK, w/WKID @ 5:36pm. At 5:53, 940-pest CEM w/Ft. prog. (?? -ERC) not clear, so KIOA Ia. w/rr dominated till fadeout, then CEM. 11/22- KPRC-950 Houston w/State NX, then MoR, @ 8:32-8:37pm u/KIMN/WSPA. 12/1- KLRA-1010 Ark. w/c/w 4:30-4:35pm before fadeout u/WMOX/KXEN/CFRB; I nulled CBE-1550 to DX WOKJ Miss. w/R&B 9:43-10. 12/4- I nulled WMAQ-670 to DX WDDB-680 Mich. w/MoR 8:25-8:53pm. 12/6- WHSM-910 Wis. w/rr & Mutual NX, local NX, @ 4:35-5pm w/much QRM from SSSers. 12/7- I nulled CJBC-860 to DX WSON Ky. w/TK, ID, CBS NX, 4:55-5:01pm. Finally WDOC-1310 Ky. w/NX of EKB game on FM at night, then sports NX, 5:15-5:20pm. My total now is 381. That X-10 for built-in antenna in Domestic Contest is really boosting my points. Thanks to the Contest I've picked up 30 new stations, but thanks to Super-Pest WLS-890 between 920-870 DXing is ruined. With heavy rr, I can imagine living within ten miles of WABC-770! No Christmas shopping yet, but I've got three weeks. See y'all next issue. 73.

ROGER GIANNINI - Apt. A - 33 Ben Louis - Belleville, Illinois - 62223  
 12/4 was an interesting DX noontime day. WWL-870 at near arm-chair level @ 12:30 & logged on car radio w/readable signal @ 3pm. WBAP-820 noted on backside of WAIT. (How chummy! -ERC) WCCO-830 fair 2:30. WRFD-880 good but no WCBS. KCTA/WBZ-1030 poor & even. KCTA has SS @ 3, so beware. WOAI-1200 heard first time at 1 through WJW/KMOX weak spurs. 12/5- WABO w/CEW nulled w/Saints-Rams FB @ 6pm. 12/6 AM- A pleasant surprise on 1530 while trying to ID an IA. In popped WELA w/a f/c for State 39. How about arranging a test for this one? Heard @ 12:50. KJAR-620 came in @ 1:55 s/off for State #40. For KTW0-1030 hunters, "Meet the Press" is on @ 11:35pm & KTW0 is the sole NBC outlet on 1030. SM-2 arrived today & I am pleased w/what results have been obtained on it. I was even able to connect it to the terminals of the transistor and get improved results of WSM WMAQ WLW WGN WBAP WBEM WCCO etc. This was in a quick check @ 5pm. Back on the SP-600 @ 6 & on 640 I got WNAW w/WHL0 looped when looking for CMQ. KWCO-1560 w/WDXR & a much-improved WPTX looped @ 6:10. CJRS-1510 w/WLAC partially looped @ 6:57. WCHS-580 much improved w/WLEW looped, carrying W. Va. EKB @ 7:02. 12/7- KR0D-600 w/WREC looped 8:44, heard later before but never this early. KFI-640 good w/CMQ looped, first logged since holiday Aurora. Agadir-935 fair @ 9:30. I thought they s/off @ 9. 1554 poor & 1586 weak. LA splits such as 655 664 675 75 725 825 855 925 1025 1035 1045 1155 1225 are much improved. It is most enjoyable to listen to KFI & "The Swinging Years" as for the rest of the week from 10-12pm they are presenting WW2 patriotic songs & KXOK-630's splash is quite tolerable. Jerry Starr, please mention if you can hear this program on the Beverage and what is the signal reading. On the DB meter it's 8-10. 73.

MORTON D. NEEHAN - Box 276 - North Palm Springs, California -- 92258  
 I just can't find time to DX & I have a Space Magnet II, RS Loop, and a used HQ-180. However I manage to read the bulletins (NRC NNRC IRCA) so I keep up with what's going on. I even got to the San Diego get-together a few weeks ago. I might have to wait another two years to retire & then DX.

DAVE SCHMIDT - 8 Valley Terrace - Apt. 9 - Wilmington, Delaware - 19802  
 I got married last October. My wife's name is Donna. My DX gear is still up in Chester. We've both been working & DX time is pretty hard to come I'm also NxD at of all places - WEEZ! Den should be here by Christmas, but CPC work goes on. 73s.

JOHN OLDFIELD - 11623 84th Street - Edmonton 20, Alberta  
Canada's exotic CFFB unofficially moved to 1210 early this Summer.

Since the power increase CFFB over-rode our Canadian Government DOT Marine frequency. The switch was rushed to accommodate shipping, which due to the ice, is only about two months per year there and extremely important in the North. Keewatin "Province" has its first station - it's a special LPRT on 1110 w/40w, Rankin Inlet, N of Churchill, Man. It will also carry local Eskimo programs. This is no big deal, but it is probably the start of many more "powerful" stations in this area, along the shores of Hudson Bay. Let's not forget that 40w can go a long way, e.g. CBXQ-540 B.C. was heard in So. Cal. & I believe Richard Wood heard them in Hawaii?? (There's one to top that, John - one of the New Zealand boys logged & verified CBAG-1550 N.S. when ONLY the LPRTs were on AN - ~~IRC~~) I am proposing (to the IRCA) a change in DX status to make three "provinces" of the NWT. That's Territories, Plural - MacKenzie (CFYK-CHAK-CFPC- & LPRTs), Keewatin, & Franklin (CFFB). These political boundaries were established back in 1920, and making it "officially" 14 provinces in all clubs would in my opinion be more correct than chopping up the USSR as we do for convenience. DX 11/29 was very Auroral. All stations E of WCCO & WBAP blanked out; Cuba, Hawaii, L.A. & Greenland in fair. I noted strong carriers on 1354 1375 1475 & 1214 between 3 & 3:30 EST, all in a NNW direction. The 1354 knocked out my semi-local KPOH-1350 @ 3:06. Nothing listed though. CHAK-860 is still a good bet for any miracle workers out there. They're still being heard here despite XEMO, & KONO is only a miracle here. Merry Christmas from Edmonton, land of 512,000 color TV owners. Only a few inches of snow here. We trucked it all to Vermont. 12/6- WCGB not heard due to CFPG-1050 NSP. Also XED was on w/KUPK-TT & march mx. WRN would be a miracle here any time. KRKO beams my way plus some KPOI ruined my chance of Maine. I'd give 20 of my Hawaiians for Maine. (I'd give up one Maine for 20 Hawaiians! -ERC) I send thank-you notes to ALL DX Specials.

BILL ALISAUSKAS Jr. - Box 93 - R. D. #1 - Lake Hopatcong, New Jersey - 07849  
Greetings again, gang! Well, at least when I do finally show in Musings, I do it often - hi! The new location is really beautiful, and the stations heard total is climbing rapidly. As of this writing, I'm up to 367 heard, these almost all day reception and SSS. If I put in a couple of AMs, I could be over 500 in no time. Alas, getting up @ 4am for work kinda interferes, hi! And so, without further hesitation, here's some of the DX - all these listed have never been heard at any of my former locations in the ten years I've been DX'ing, so the list is small. 11/23- WAYN-900 5pm s/off. 11/24- WCIR-1060 4:30pm, WENC-1220 5:16pm s/off. 11/29- WOBRR-1530 5pm s/off; WNDB-1150 5 10pm. 11/30- WBZB-1090 4:43pm; WMAP-1060 4:55; WCHT-1230 5:31pm. 12/1- WYNN-540 5pm, after many, many tries. 12/4- New WBRW-1170 testing w/OC 12:50-1pm; IDed "WBRW, Somerville" and off, and finally, WETE-990 @ 4:41pm 12/5. There's everything to date, so till next time, good DX & Happy Holidays to all. 73.

CESAR OBJIO - Calle Benigno F. Rojas 46 - Santo Domingo, Dominican Republic  
Here I am again in order to comment some things: As I see this DX season have started very hot, everybody is warming up receivers & reports are by the hundreds, good. I have read Jerry Starr's info about using telephone wires as a Beverage, I have used them but only for SW, I have started DXing in MW w/them & I only get two or three stations on the same frequency, or a noise, but will keep trying, had I heard about Beverages in about 1957 when I lived at Bani & in a house w/a very long uninhabited backyard I could have built one, but not now living in the center of the city w/many houses & hot electric wires around. DX NEWS is great, but could not be printed on thinner paper? That way postage will be less for a 40-pager. Hauser's Harmonic report on MW is quite interesting, as some stations not logged on fundamentals are heard, & you know they are in operation. Good. Thanks to R.J. Edmunds for his article "Alternative Methods of Amplification for Air-Core Loops" as I have considered buying the BAX-1 kit since about 2/71 but did nothing because my friend radio-technician who helps me w/this kind of work said I could not get enough power w/nine volt batteries so I gave it up but Russ' article gives me another idea & will see what I can do. Thanks to Tony Lagattuta

for mailing a copy of the Tuned RF amplifier for BCB. To Roger Giamini: Your letter was received and letters mailed to the mentioned clubs. The best for everybody on Christmas & New Year, wishing to meet you all in Miami. See you, all.

CURTIS D. ENGBERG - 50 Concord Road - Wayland, Massachusetts - 01778

I haven't been able to spend much time at the dials, but I have certainly been good from time to time so I'd better get a Musing in. 10/22- WPUV-1580 s/off @ 5:45pm, WVKO-1580 s/off @ 6:03. 10/23- WPCW/WFLR-1570 s/off sequentially @ 5:30pm. 10/24- UNID SS s/off @ 12:05am on 755. 10/31- A very good Ta evening. Algerians very strong on 529 & 548. UNID noted on 584 @ 6:20pm. Classican musi noted on 863 @ 6:42pm, probably Paris. Strong, very clear SS noted on 1095 @ 6:53pm. Later, Radio Rebelde, Habana, noted about 785 @ 11:55pm. 11/1- Strong signal from WAMB-1190 TEST noted @ 1:12am & WYAD-1480 TEST heard through several others @ 3:40am. Two loud SSES on 870 @ 3:50am, and two more SSES one w/music and one w/NX on 1100 @ 4:05am, all unID. 11/6- Daventry-647 heard well @ 5:45pm. 11/7- Music and apparent Portuguese talk on 719 @ 5:30pm. 11/8- 737 had combination of talk and swing music, unID. 818 had loud Ramadan WAILING @ 7:15pm, probably Egypt, not heard here for several years. This was also the loudest Ramadan station heard on the evening of 11/10. WAIT-820 all alone at 6:30pm. 11/21- WITC-1550 well atop @ s/off @ 4:45pm. Only the two TESTs were new logs here, but it's still a good season, hi! 73.

G. HARLEY DELEURERE - Box 10 - Hendricks, West Virginia - 26271

This is just a quick note to inform you that some sort of change has taken place in Wheeling. This morning (11/30) @ 7:30 as I was listening on 1600 kc/s., an advertisement for a Wheeling automobile agency was given. Immediately I thought that WHLL had returned to the air. After the ad though, the announcer said, "This is WNEU if somebody should ask." Maybe WNEU has left 1470k for 1600, or maybe WHLL has returned with new call letters w/WNEU having changed its letters. I really don't know, but 1600 is now WNEU for certain. (Looks like WNEU applied for WHLL's facilities, with latter deleted -ERC)

~~WNEU~~ R. COOPER - 438 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. 11226  
V/1-r/up in from Dave Gleason for HCFV1-805, R. Tropical, from reception of a couple years back - thanks, Dave! DX was high-rate this past weekend! I got up @ 4:30 to try for CBNM, & got RX on @ 4:29 on 740 & they were all ready on - they must s/on around 4:27 - and I got a nice report even though they were u/Castro, but logged till 4:49, and when I came back after 5, it was R. Maracaibo on top, so they must have come on circa 5 a.m. At 4:52, I discovered that like Canadian gallons are bigger than U.S.A. gallons, so must be Dominican watts as compared to Cuban watts, for HIAW-690, R. Guarachita, was really lacing it into CMBC - listed for 5kw as against 150kw for CMBC, but Guarachita was often on top & seems to be an AVer SMs - this one is a cinch in the east, boys! Many many IDs from Santo Domingo but no call letters heard, but mucho mention of R. Guarachita. I hoped also to log R. Mil-1180 HIBE, but all jamming noise, but I did hear, at 5:21, somebody yell "Achi-achi-achi-achi!" Noted off AN was WWDJ-970; 4VEC-830 w/WCCO in FR @ 5:20; & CUCB-1270 atop there @ 5:30am. WBRW-1170 is not on RS yet; WHLW-1170 in the clear @ 11:15am. MM 12/13- Land-a-goshen if WOR-710 wasn't off again this wem! This time w/WGES' OC (w/ID every ten minutes) I logged & reported "Radiorama" XEMP - no call IDs noted, but SIDS for Radiorama after every selection, in very slow tempo, weak, but helped by WGES' OC. WINS-1010 was not on RS but Tied & if all their little spur signals were drawn on a graph, the bumps'd look like poison ivy infection, hi. WISS-1090 logged but was he ever tough, w/hats, & Caracolian, a WHN/WINS spur, but finally @ 3:20 they made it in about S-4. Who was the MoR tester on 1530 who had a very sedate-sounding announcer who w/off @ 3:08? R. Punto Fijo-940 logged & reported 3:33-4:10am, L&C & in the clear. G 560, Guyana really piling into WFIL 3:53-4:34 for a third try for a verie, & my old friend from 1200, R. Santa Marie, WIDV, noted on 590 atop Cuba, proving again that Dominican watts are stronger than Cuban ones! If you enjoy DXing SSES, that 4-5am hour MMs is ideal! Get 'em in January, before earlier sunrises kill them off at that hour. Rick Heald fixed my SM-1 & it's better than ever now! C U N 14.