

DX News

Serving DX'ers since 1933



Volume 71, No. 14 - January 12, 2004 (ISSN 0737-1659)

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From the Publisher ... Temperatures are gradually falling, but the DX scene is heating up. And remember - if you don't have YOUR radio on, you can't hear DX (we're not talking timers and remote DX techniques here, okay?).

Just a friendly reminder to those few members who don't know ... the back page is a goldmine of information, with such gems as how checks should be made out (NOT to Ron Musco!) and what should be sent as payment for subscriptions (NOT cash) and to whom address updates should be sent (me, and pronto, and if you send one after you've received a DXN with the yellow address sticker on it, it's too late; if you send an address update to me at the same time you send one to the USPS, it's too late, and if it's too late, or you never send one at all, you cost your club 70 cents per notice of new address unless I can talk the nice clerks at the USPS window into paying for just one update). What does this mean? Send checks to Ron and address updates to your publisher just as soon as you know your new address.

CQSWN ... Let's turn the rest of this page over to Tony Smith: "Hello fellow radio clubs and members, this is to let you know about an E-magazine that arrives each month in your e-mail box. IT IS FREE! in PDF format and is currently around 39 pages of interest to SWLers - DXers - MW - FM - and Amateur Operators.

"CQ Shortwave News (CQSWN) is currently in its 30 edition. The January 2004 edition 30, will be sent soon. If your members wish to receive this e-mag, send a return e-mail requesting a FREE subscription. If individual members wish to subscribe, please include full name (Christian/Surname) with e-mail address. This a free subscription and you may request at any time that your name/club be removed from the mailing list.

"Brief history: CQ Shortwave News started off (edition 1) as a very short bulletin for local SWLers/DXers in my own area. Due to the lack of dedicated SW/MW articles in the then current newsstand magazines, I decided to expand this local monthly bulletin to one that could be enjoyed by other like minded enthusiasts World-Wide. CQSWN has been a tremendous success. CQSWN is now read in 11 countries. The stories in CQSWN

come from you! the radio users from all over the globe. Many of the articles are from world-wide recognised radio writers. There is also plenty of 'Home Brew' projects in CQSWN.

"Please try the e-mag CQSWN...you have nothing to loose and, perhaps something to gain. It is my attempt to unify radio clubs around the world in a common interest...reading about our wonderful hobby. CQSWN is a "One Man Band" operation...however, I think you will be pleasantly surprised by its quality. CQSWN encourage readers to send in: stories, logs, photos, club news, and musings. I look forward to hearing from you soon."- Anthony (Tony) Smith VK4002SWL / 4RK1SWL Australia - CQSWN - ARDXC - EDXP - WEWN - DX-394 Group - SWARL

DXN Publishing Schedule, Volume 71

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
15.	Jan 9	Jan. 19	23.	Mar. 12	Mar. 19
16.	Jan. 16	Jan. 26	24.	April 2	April 12
17.	Jan. 23	Feb. 2	25.	April 16	April 26
18.	Jan. 30	Feb. 9	26.	May 7	May 17
19.	Feb. 6	Feb. 16	27.	June 4	June 14
20.	Feb. 13	Feb. 23	28.	July 2	July 12
21.	Feb. 20	Mar. 1	29.	Aug. 6	Aug. 16
22.	Feb. 27	Mar. 8	30.	Sept. 10	Sept. 20

DX Time Machine

From the pages of DX News:

50 years ago ... from the January 2, 1954 DXN: Hal Williams, Seymour, CT told of receiving 233 Christmas cards from all over the world, including Alaska, Sweden, England, New Zealand, Poland, Cuba, South Africa, Bermuda, Canada, and 37 states ... from the January 9 DXN: Steve Walbridge, Pointe Claire, Que. reported that he had enjoyed a DX feast of Canadian stations on Christmas morning: CJAD-800 in English and CHLP-1410 in French were on the air until 0300; other French speakers heard were CHLN-550, CKCV-1280, CJSO-1320, CKLD-1230, CFGT-1270, CFDA-1380, CKLS-1240, CHGB-1350, and CHAD-1340. CJOC-1220 was still on at 0425.

25 years ago ... from the January 10, 1979 DXN: Ernie Cooper, Provincetown, MA, ended the year with 4105 veries but noted that on Christmas morning too many stations who normally were silent MM were on.

10 years ago ... from the January 10, 1994 DXN: Ernie Cooper, Provincetown, MA reported increasing his verie total to 4441 with veries from WDCW-1390 and WMSX-1410.

AM Switch

Bill Hale w_r_hale@sbcglobal.net
6124 Roaring Springs Drive
North Richland Hills, TX 76180-5552

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Surprisingly . . . none!

NEW STATIONS GRANTED

1210 WKTT FL Silver Springs - Granted U2 5000/250. I know this is in the new Log, but the FCC has just granted their license.

CONSTRUCTION PERMITS ON THE AIR

1270 WXYT MI Detroit - CP for U4 50000/50000 is now on from nine new towers. Both patterns throw an awful lot of power to the north-northeast. But since the transmitter site is well south-southwest of the city, Motown is covered well.

CONSTRUCTION PERMITS GRANTED TO EXISTING FACILITIES

540 WLIE NY Islip - Station increases the day power level, becoming U4 2500/220.
760 WEFL FL Tequesta - Station increases day and night power levels and adds one tower to become U4 3500/1500.
840 KKNX OR Eugene - CP is to reduce night power and relocate their transmitter site. New facilities would be U1 1000/110.
850 KJON TX Carrollton - CP covers a move of approximately 130 miles from Anadarko, Oklahoma to this Dallas suburb. Facilities will be D3 5000/0.
1060 WIXC FL Titusville - This is for an amendment to the current CP, covering CH operation. The CP now covers U7 50000/5000 CH 17000.
1190 WNWC WI Sun Prairie - CP is to increase power, delete one tower, and an adjustment to their pattern. When built, will become D3 4800/0.
1300 WIMO GA Winder - Station will reduce all powers to be U1 650/50 from a new location: N33-55-40 W83-43-37.
1340 KEBC OK Oklahoma City - Is granted a CP to change city-of-license to Midwest City.
1450 WHKP NC Hendersonville - Station increases tower height and lowers both day and night power levels to become U1 970/970.
1470 WCHJ MS Brookhaven - CP approved for U1 1000/66. This appeared in the FCC files as U1 1000000/66000 and was reported as such in a major publication. I wonder how their readers can take this seriously!!
1580 WKUN GA Monroe - Log shows a Construction Permit for U1 1000/1000. The CP also covers a move to 1490.

APPLICATIONS FOR NEW STATIONS

740 WG2XSM NY Queens - WGSM Huntington, NY is applying for a relay here. Facilities would be U1 250/4. The transmitter coordinates are near the corner of Union Street and Sanford Avenue in Flushing (for you locals).
760 K NV Las Vegas - Application is for U4 1000/930.

APPLICATIONS FROM EXISTING FACILITIES

1030 KBUF KS Holcomb - Applies for day and night power increases, add CH operation, and to adjust the nighttime pattern. Would be U12 2500/1400 CH 2500.
1330 WGFT OH Campbell - Wants to lower the day power and add night service to become U4 500/215. This, in addition to adjusting their night pattern to point a little more to the east. As currently licensed (the system was built as WHOT in 1962), they have six towers daytime at the studio location and five towers as a separate site at night. That night system no longer exists, as the towers are gone, and the land has been sold for a housing development. Although still technically licensed as full time, 1330 has been operating as a daytime facility. Their applications for night power involve using the existing six tower daytime system at the studio location for their night pattern using different tuning at night.



1360 KAHS KS El Dorado - Has applied to add one tower and boost their nighttime power using a directional pattern. Would become U4 1000/240.
1510 KROB TX Robstown - Applies to move to a new 170' tower and remain D1 500/0.

ENGINEERING AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

660 KGDP CA Orcutt - Has a CP for U4 50000/7000. This amendment is for U4 50000/1000 from a new location.
780 K*** CO Pueblo - Amendment to Application now reads U4 3000/760.
890 K*** CO Fountain - Latest amendment to Application reads U4 5500/500.
1490 WDEP PR Ponce - Has a CP for U1 5000/1000 from a new location. This amendment lowers the power level so the Application now reads U1 3600/790.

AMENDMENTS TO APPLICATIONS SUBMITTED

1080 WHOO FL Kissimmee - Amendment raises day power. Would become D4 35000/0 CH 10000.
1320 KSDT CA Hemet - Amendment raises night power of application, adds one tower to the two-tower set-up, and adjusts both patterns. Would become U4 1000/400.
1510 KCUV CO Littleton - Amendment lowers both power levels to become U4 10000/1300.
1700 KTBK TX Sherman - Station has applied to change the city-of-license to Richardson. This amendment also includes adding a second site with the day transmitter remaining where it is, adding a second transmitter for night operations near Richardson, and raising the night power to adequately cover the city of license. Would be U1 10000/1000.

APPLICATIONS FOR RENEWAL ACCEPTED

790 WTSK AL Tuscaloosa	1270 WHGS SC Hampton
970 DWVOV VA Danville	1280 WIPC FL Lake Wales
1020 WJEP GA Ochlocknee	1290 WYEA AL Sylacauga
1110 WBIB AL Centreville	1340 WALH MO Mountain City
1150 WSPZ AL Tuscaloosa	1350 DWBLT VA Bedford
1180 WFGN SC Gaffney	1450 WKEU GA Griffin
1230 WITH MD Baltimore	1450 DWMVA VA Martinsville
1240 WMIS MS Natchez	1490 WIKC LA Bogalusa
1240 WSQL NC Brevard	1500 WSMX NC Winston-Salem
1250 WSRA GA Albany	1520 WKQV GA Eatonton
	1580 WKUN GA Monroe

CANADA THIS WEEK

1450 CHOR BC Summerland - Has applied to move to 94.5 MHz with 5 kW.
1350 CKDO ON Oshawa - Has applied to add a relay on 107.7 with 250 Watts.

Thanks, and a tip of the old sombrero go to John Bowker, Wayne Heinen, and Jerry Starr.

Expiring? Time to renew? Not sure when? Need to call or e-mail someone? Check the back page - it's all right there!

The NRC AM Radio Log, 24th Edition,
including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. \$19.95 to U. S. members; \$25.95 to U. S. non-NRC members; to Canadian members, \$23.00 (\$29.00 to non-NRC members). Airmail to members in western Europe (except Italy) and Australia, New Zealand, and Japan: \$29.00. All others contact us for exact prices. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).

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(Division line is
between East and
Central time zones)



DX Catches in the U. S. and Canada, with 24-hr. ELT

DDXD-West

RANDOM STUFF

- 2400 is a muy heckamente number of stations to put in your logbook, but that's how many Shawn Axelrod has logged! See his report for 1460 below!
- OK, so this is totally unrelated to DX, but there are two inches of snow on the ground today (12/30) in Las Vegas as I prepare this column. Unfrickenbelievable!
- Now for a semi-complaint. . . . as I mentioned when I first took over this column, the name of this publication is *DX News*, not *DX History*. Loggings and news have to be timely to be of value to other members. I'm not using some tips this time because they were almost three weeks old when I received them—and they were sent by e-mail! Help make your loggings valuable for other members by submitting them within a week of hearing them.
- One of your resolutions for 2004 should be to share your DX with your fellow NRC members. Please follow the format you see below, including all pertinent information—frequency, call, state, city, date and time of reception, and details of your catch. Please use ELT for all times, regardless of your local time zone.

REPORTERS

- DP-HI Dale Park, Honolulu. Sangan ATS-818CS, Terk AM1000 loop.
 DS-TN Doug Smith, Pleasant View (Nashville). Receiver, antenna.
 JJR-WI John J. Rieger, South Milwaukee. Icom R75, GE Superadio III, Kiwa loop, MFJ-959B. (Thanks for the beaucoup loggings this time, John! Ed.-NV)
 JTR-OK John Reed, Shawnee. JRC NRD-525/ESKA modified, homebrew ferrite loop.
 JW-CO John Wilkins, Wheat Ridge. Drake R8, 100-foot wire.
 KR-AZ Kevin Redding, Mesa. Kenwood R-1000, 60-foot wire, CC Radio.
 MG-ID Mark Griffith, Boise. CC Radio Plus.
 SA-MB Shawn Axelrod, Winnipeg. Drake R8, Icom R75, 4-foot loop, Quantum loop, 155- and 100-foot wires, MFJ-1026 phasing unit.
 SP-WI Sheryl Paszkiewicz, Manitowoc. Sony ICF-2010, Select-a-Tenna.
 WH-CO Wayne Heinen, Aurora. Receiver, antenna, and likely a copy of the 24th edition of the NRC AM Radio Log.
 Ed.-NV Mr. Helms, Las Vegas. Drake R8B, Sony ICF-2010 w/Kiwa filters, Quantum loop & phaser.

FREQUENCY CHALLENGE RESULTS—840 and 880 kHz

- 840 KJVY TX Pharr. 12/24 0648 with R. Unica programming in SS. I understand R. Unica is closing up shop at the end of January. (KR-AZ)
 840 KXNT NV Las Vegas. 12/24 0944 about Sandy Murphy getting bail and then was convicted and was supposed to have a big victory party but went to jail instead. (KR-AZ)
 840 WBHY AL Mobile. 12/23 1900. Good w/legal ID, signoff, promo for WBHY-FM 88.5, and POB 1328 address as in NRC Log. (DS-TN)
 840 WCEO SC Columbia. 12/21 0900. Fair with legal ID but heavy QRM from unID black gospel (probably WBHY). WHAS temporarily missing. Also heard many other times at sunrise & once at sunset. (DS-TN)
 840 WHAS KY Louisville. 24/7 weak during day, loud at night, can be covered by DX at SRS and SSS. (DS-TN)
 840 WHGH GA Thomasville. 12/23 1800 way atop "Happy Holidays from WHGH Thomasville, Georgia covering south Georgia and north Florida, AM 840." (DS-TN)

- 880 KHAC NM Tse Bonito. 12/24 0953 with Christmas greetings and stories about the birth of the Christ Child and local ads for a Christian book store. Then Navajos singing a C&W version of "White Christmas." Was fun to hear because it was barroom quality. (KR-AZ)
 880 KRVN NE Lexington. 12/27 0158-0206. Western Star and "getloaded.com" commercials. ABC News followed by local weather at 0204. Gave Kansas weather, also. With 50k watts, signal was very strong at times and then would fade almost away. During the weak signal periods, there were other stations present, but I wasn't able to ID them. (MG-ID) 12/24 0958 with C&W Shania Twain song coming to an end. Then ToH ID and ABC News. (KR-AZ) 12/29 2300 40/S-9 with the Alamo Bowl (NE vs MI). Can't work around these guys unless I'm right there to tweak the phaser. (WH-CO)

KRVN 880

UNID & HELP REQUESTED

- 770 UNID ?? ??? 12/29 0711. Fair o/WABC w/"All Star Radio, All Star Classic" old type jx. Faded out by :24. OLD R&B stuff. Dunno! (JJR-WI)
 900 UNID ?? ??? 12/29 0830. Poor; "...you're in the Zone, ESPN..." ESPN sports. Possible 94.7 mentions. Stumped! (JJR-WI)
 1470 UNID ?? ??? 12/27 1705. Poor with partial ID as "Sports radio 14-70 K—." (SA-MB)

STATION NEWS, CHANGES, ETC.

- 790 KURM AR Rogers. 12/25 0900. Taped "You're listening to Curm KURM Rodgers, Springdale Bentonville and FM Southwest City, Benton, Shilom Springs and we'll have Spanish now on FM" and Paul Harvey. Evidently this is //FM 100.3 KURM at times. (WH-CO)
 1060 KXPL TX El Paso. 12/30 0901. S/on anmt in SS "...1060 AM, diez mil wats de potencia, El Paso - Las Cruces - Ciudad Juarez. Mariachi Diez Sesenta. Muy buenos dias. KXPL..."; 0902-0915 mariachi mx, did not hear any anmts, just an occasional "Mariachi 10-60" slogan. New slogan and format, ex-SS REL. Also a needed call change here, ex-KFNA. (JW-CO)
 1460 KXPX NE Kearney. 12/24 0903. Area sports with Doug, local spot, then back to Mike and Mike on ESPN; area ads at 0914, and a call letter ID. Good on peaks o/u semi-nulled KZNT. Ex-KKPR. (JW-CO)

REGULAR DX LOGGINGS (times in ELT)

- 530 CIAO ON Brampton. 12/25 0718. SS and EE announcers giving some phone numbers then into Greek or Turkish music. (JTR-OK)
 570 KLAC CA Los Angeles. 12/29 0904 ID after "Witchcraft" by Frank Sinatra and "I'm in the Mood for Love". Absolutely no sign of normally dominant KNRS. (KR-AZ)
 570 WNAX SD Yankton. 12/30 0830. Paul Harvey, then news, weather, sports and markets; frequent call letter IDs. Good signal on peaks riding on top of a couple of other stations, with some KLZ-560 splatter. (JW-CO)
 580 WCHS WV Charleston. 12/29 0611. Poor, steady in w/two others w/calls, weather. (JJR-WI)
 590 KCSJ CO Pueblo. 12/25 2106. Call ID with call in talk show and Colorado weather. (JTR-OK)
 590 KFNS IL Wood River. 12/25 2100. Call ID with sports news. Faded soon after ID. New here. (JTR-OK)
 600 KROD TX El Paso. 12/29 0912 with talk about the Sun Bowl and getting tickets to the 70th annual Sun Bowl game. (KR-AZ)
 610 CHNC QC New Carlisle. 12/30 0648. Poor with French news w/male-female anchors in KC null. (JJR-WI)
 610 WAGG AL Birmingham. 12/25 0723. Fair with calls into song. On top of freq. (JJR-WI)
 640 WWLS OK Moore. 12/29 0824. Previews of bowl games in which OK teams will be participating; Sugar Bowl with OU, and another one with OSU; call letter ID at 0827. Fair in KNX null. (JW-CO)
 680 KFEQ MO St. Joseph. 12/30 0622. Poor but steady in WSCR splash w/news, weather, time checks, MO news and finally calls! (JJR-WI)
 680 WJCE TN Memphis. 12/29 0755. Area forecast, song by Little Anthony, "Easy 680" slogan, another song, then legal ID at 0759:55 "Bringing back the memories 24

hours a day, Easy 680 WJCE Memphis," then CNN (I think) news. Fair signal mixing with several others. (JW-CO)

690 WJOX AL Birmingham. 12/25 0805. Poor in w/two to three others. Local ad, legal ID, sports. (JJR-WI)

690 WTIK LA New Orleans. 12/23 1748. Poor w/promo, calls, Hannity o/others. (JJR-WI)

730 KKDA TX Grand Prairie. 12/29 0752. "Soul 73 traffic and weather together," call ID, spot for Home Depot. Generally fair. (JW-CO)

730 WJMT WI Merrill. 12/29 0727. Poor but clear w/WI sports, fish rpt, ads. Not common. (JJR-WI)

730 WLIL TN Lenoir City. 12/26 1808. Poor though clear "WLIL" in w/two others. OLD C&W. 214 watts! (JJR-WI)

830 WFNO LA Norco. 12/29 0603. Poor in fade up in WCCO null. SS: "La Fabulosa." (JJR-WI)

850 WKNR OH Cleveland. 12/29 0835. Poor with ads, stn promo. Sports. Rare! (JJR-WI)

930 KSEI ID Pocatello. 12/24 1005 with an ad for a coffee house called Doubleshots and then an ad for Cox Cable in Pocatello. (KR-AZ)

930 WEOL OH Elyria. 12/24 0207. Poor but clear o/UNID NOS station. Calls, Bohannon. Been a while! (JJR-WI)

930 WRVC WV Huntington. 12/26 2105. Poor though clear calls after news. Ex-WGNT, WSKZ, WTKZ. (JJR-WI)

940 CJGX SK Yorkton. 12/24 0206. Poor but clear in null of others. C&W "GX94" non-IDs. (JJR-WI)

950 KKFN CO Denver. 12-29 0525. Poor with WNTD nulled. Sporting News, "Fan." (JJR-WI)

950 WORD SC Spartanburg. 12/30 0611. Poor w/news on "1330-950 WORD" in w/WWJ. WNTD had an open carrier running. (JJR-WI)

960 CFFX ON Kingston. 12/29 0516. Poor but steady in WSBT null. "Oldies 960." (JJR-WI)

960 WFIR VA Roanoke. 12/29 0554. Fair with weather, "ABC on the hour..." calls. No WSBT. (JJR-WI)

970 WNIV GA Atlanta. 12/25 0759. Poor on top w/legal and "970 & 1400" mentions. REL. (JJR-WI)

1010 WSPT WI Stevens Point. 12/30 0750. Poor in tight CFRB null o/unID C&W station. Very localized ("Pointers") sports and finally calls at :52. Despite closeness, rare! (JJR-WI)

1030 WWGB MD Indian Head. 12/26 0815. SS religion, ID, mentioned La Vida a lot, Happy New Year, under WBZ. NEW. (SP-WI)

1060 KNLV NE Ord. 12/30 0850. Bobby Vinton song; 0852 guy says "KNLV, your official.....," followed by ads. Poor in mix of KRCN, KDUS, and one or two others. (JW-CO)

1070 CHOK ON Sarnia. 12/29 0510. Fair way o/WTSO w/calls. OLD. (JJR-WI)

1090 WBAL MD Baltimore. 12/26 0839. WBAL InstaWeather Forecast, time check, talk, traffic, ad for UCP of Central MD, Cook Chrysler-Dodge. (SP-WI)

1100 KNZZ CO Grand Junction. 12/24 1010 with sports scores and into weather at 1015. Then an ad for Western Slopes Trailers wstrailers.com. Over Local KFNX. (KR-AZ)

1130 CKWX BC Vancouver. 12/29 0602. Woman with area weather (high of 4), "Traffic and weather together on the 1's...on Vancouver's Traffic Station, News 11-30"; news stories about mad cow disease in the US and how it affects Canada, one story from "CNN Radio, Atlanta"; Retail Minute feature from Retail B.C.; promo "We're Putting The Go in Stop-and-Go" about traffic coverage. Fair to good; probable KSDO underneath and getting stronger. (DP-HI)

1140 CHRAB AB High River. 12/29 1000 with ToH ID and slogan "Southern Alberta's Community Station" and into News, Then into C&W music. Real nice signal. Only other Canadian other than CKWX this year. Morning seems to be a great time to hear this station. (KR-AZ)

1150 WIMA OH Lima. 12/23 1735. Poor but steady o/others. "News-Talk-Weather...WIMA." No usual CKOC, WHBY. (JJR-WI)

1170 KCBQ CA San Diego 12/29 1100 talking about Howard Dean and how the Democrat, "Limousine Liberals" don't like him and then ToH ID and talk about Michael Jackson's interview with Ed Bradley. (KR-AZ)

1190 KPHN MO Kansas City. 12/25 1729. Poor to fade out w/R.Disney promo. Only DIS on

freq. (JJR-WI) If no ID heard, maybe this should be "presumed," right? (Ed.-NV)

1190 WSDQ TN Dunlap. 12/29 0642. Fair to very good in WOWO null w/ID, two station promos, EIGHT minutes of ads! "The New Q." NEW! (JJR-WI)

1200 KFNW ND West Fargo. 12/26 0905. AP News, weather, IDs, Family Life Today program. NEW. (SP-WI)

1200 WRKK PA Hughesville. 12/26 0900. Two IDs, news, faded out. NEW. (SP-WI)

1210 KGYN OK Guymon. 12/24 1020 with Waylon Jennings singing "Aint Livin Long Like This" and ID at 1021 "KGYN has all your favorite songs in AM stereo!" (KR-AZ)

1230 KSST TX Sulphur Springs. 12/24 0720. Local Sulphur Springs news, fading from weak into noise level. New here. (JTR-OK)

1250 WEAE PA Pittsburgh. 12/30 0725. Poor in local WEMP null w/program lineup, Piitsburgh traffic on "ESPN Radio 1250." (JJR-WI)

1270 KDJI AZ Holbrook. 12/24 1025 with ESPN ads, a looooooong string of ESPN ads. One for ESPN The Magazine and ESPN.com. First time heard since the big fires that nearly burned down the station last year. (KR-AZ)

1310 WDOD TN Chattanooga. 12/29 0542. Poor way u/WIBA w/calls, NOS. (JJR-WI)

1320 KRLW AR Walnut Ridge. 12/26 1804. Poor with steady OLD, weather. "Oldies 1320 KRLW." Tight null to get this. Not off bird. (JJR-WI)

1330 WMNN MN Minneapolis. 12/29 0800. Poor w/legal ID by male newscaster. Alone, weak, but there. One of my most wanted! NEW! (JJR-WI)

1360 KBKB IA Ft. Madison. 12/26 1840. Fair to fade out w/ads. Calls, stocks. 34 watts! (JJR-WI) I can't help but wonder—especially since this is a crowded channel and you described the signal as "fair"—whether this station is actually running day power. Night power cheating is so widespread that the possibility of actual power being much higher than the allocated power has to be considered a possibility for exceptional catches. (Ed.-NV)

1370 KWRT MO Boonville. 12/29 0753. Poor with local ads, calls, promo. (JJR-WI)

1390 WNIO OH Youngstown. 12/29 0742. Poor in WGCI null w/calls & live jock in AM drive. Not off bird. NOS. (JJR-WI)

1410 KGRN IA Grinnell. 12/29 1840. Poor but clear calls til fade out. Soft AC. 47 watts! (JJR-WI)

1410 WDSK MS Cleveland. 12/23 0300. Taped "You're listening to the Talk of the delta WDSK 1410 Cleveland" and CBS News. Dominant on the East/West Flag most of the morning, listed 23 watts. New one for me. (WH-CO) Another one where I wonder whether the station is actually running the power it's supposed to. (Ed.-NV)

1460 KDMA MN Montevideo. 12/23 2200. Taped "Playing the widest variety of Country in west central Minnesota we're 1460 KDMA Montevideo" to ABC news. Strong over KXNO. (WH-CO)

1460 KXPX NE Kearney. 12/27 1758. Fair signals with ESPN programming. ID on the hour as "ESPN Radio 14-60 KXPX Kearney" ex KKPR and NOS. NEW Station #2400. (SA-MB) 12/24 0900. Taped "ESPN 1460 is KXPX Kearny, Hastings and Grand Island" and back to ESPN. Compare this ID to KICS on 1550! First time for this call here. (WH-CO)

1490 KTTR MO Rolla. 12/22 2300. Fair in fade up w/FM-AM ID. (JJR-WI)

1490 WIGM WI Medford. 12/28 1917. Poor in fade up w/two ads "...in Medford..." Rare! (JJR-WI)

1490 WTIQ MI Manistique. 12/22 2348. Poor; "Crusin' 1490" w/OLD. Not as common as a few years ago. (JJR-WI)

1500 KSTP MN St. Paul. 12/23 0008 with the Dave Thompson Show. (KR-AZ)

1510 KMND TX Midland. 12/29 0115 with Texas Tech Lady Red Raider womens basketball v. Maryland. (KR-AZ)

1520 KOLM MN Rochester. 12/26 1823. Fair with many Rochester ads, calls, Tom Marino. (JJR-WI)

1550 KAPE MO Cape Girardeau. 12/26 0800. Taped "The Best music is found here on Cape Radio AM 1550 KAPE Cape Girardeau" to CNN News. Hasn't been heard here in years. (WH-CO)

1550 KICS NE Hastings. 12/26 0100. Taped "ESPN 1550 is KICS Hastings Grand Island and Kearny" and returned to ESPN programming. New for me. (WH-CO)

- 1550 WJIL IL Jacksonville. 12/28 0600. Taped "The music of your life 1550 WJIL, Jacksonville to AP News, New for me. (WH-CO)
- 1560 KABI KS Abilene. 12/29 0300. Taped Ending NOS a shade before WPAD. Call ID and covered by WPAD. (WH-CO)
- 1560 WPAD KY Paducah. 12/29 0300. Taped Ending NOS "Thanks for Listening to AM 1550 WPAD Paducah" to AP News. (WH-CO)
- 1630 KKWY WY Fox Farm. 12/29 0530. Poor way u/KCJJ w/OLD C&W and "KWY" sweeper. (JJR-WI)
- 1640 KMZZ OK Enid 12/27 1413. All comedy radio but no ID heard. New here. (JTR-OK) The lovely and talented Glenn Hauser has photos of this station's transmitting facilities at www.worldofradio.com. (Ed.-NV)
- 1660 KQWB ND West Fargo. 12/29 2120. Advertising job search internet page for Fargo area. Over/under KXTR. (JTR-OK) A job search internet page for Fargo?? Wow, I hope their server can handle that much traffic! (Ed.-NV)
- 1660 KXTR MO Kansas City. 12/27 0115 playing classical music. KXOL appeared to be off air and I was able to get this one. New! (KR-AZ)
- 1680 KAVT CA Fresno. 12/30 0645. Radio Disney fading in/out. New here. (JTR-OK)
- 1690 WRLL IL Berwyn. 12/30 0635. Giving their web site as realoldies1690.com, and iDing as "Real Oldies 1690" with oldies music. New here. (JTR-OK)

DDXD-East

Herbert Newberry (Milledgeville, GA) recently sent this tip for ID'ing ESPN stations: "...they don't ID at TOH but slip in a quick call between :50 and :00 every hour. The trick I use is to run a cassette. You're bound to get that elusive ID in one or two tries. Most likely: WZNZ, Jacksonville, FL; WBRN, Big Rapids, MI; WBNS, Columbus, OH."

Herb also wrote that John Vervoort's 1120 "Real Country" UNID in Issue 10 "is likely WBNW, Concord, MA. ABC Network provides several country format versions, one of which is 'Real Country.' The only other possibility is WSME, Camp Lejeune, NC, however, personal monitoring has never heard them after LSS."

REPORTERS

- MKB-ON Mike Brooker, Toronto – Grundig YB-400PE, Panasonic RF-2200.
- PC-VA Perry Crabill, Winchester – Drake R8, Kiwa Loop, 100' wire.
- JF-ON Jeff Falconer, Clinton - AOR AR7030+, 130' east EWE / 130' west EWE or Drake R8B with 45' GAP vertical, MFJ-1026 phaser, etc.
- TRH-GA Tim Hall (Chula Vista, CA), Norcross – ICF-2010, Kiwa Pocket Loop, and around Atlanta with Delco car radio.
- HJH-PA Harry Hayes, Wilkes-Barre – Zenith Trans Oceanic, Kiwa Pocket Loop.
- JRM-PA John R. Malicky, Pittsburgh – Superadio III.
- HN-GA Herbert Newberry, Milledgeville – Kenwood R-5000, Quantum QX Pro Loop, Quantum Phaser, Longwires.
- JV-NY Joe Vega, Rego Park – CCRadio+.
- DY-DC David Yocis, Washington – R8B, Kiwa loop.

CLEAR CHANNEL CHALLENGE – 880 kHz

- 880 WCBS NY New York – 12/26 0950 – still coming in long after local sunrise with Travelocity.com ad, "WCBS news time 9:50, now expanded coverage from the world of finance right here on WCBS 880" into Wall Street report. (MKB-ON)
- + 12/28 1528 – Good in early sunset skip with traffic report, weather, news headlines many IDs, "WCBS News Radio 8-80." Usually at threshold levels daytime here. (DY-DC)
- WPIP NC Winston-Salem – 12/28 1600 – Instrumental religious music, ID obliterated by WCBS top of hour sound effects, but gave phone number (785-0527) and address (4135 Thomasville Road) as in NRC Log, mention of North Carolina, fair-poor under WCBS. (DY-DC)
- WREF OH Columbus – 12/24 0900 – over nulled WCBS with top of hour ID: "a service of Salem Communications, WREF Columbus" into SRN news. (MKB-ON)
- + 12/28 1658 – End of infomercial for memory recall program, ID, "The Word," ads, good in WCBS null. (DY-DC)
- CKLQp MB Brandon – 12/26 0055 – presumed in WCBS null with traditional (i.e. "maximum twang") C&W songs. (MKB-ON)

1570
CKLQ

UNID AND PRESUMED

- 1090 CKKWp ON Kitchener – 12/16 0310 – presumed with singing slogan: "Oldies 10-90" into "98.6". Very good on top of slop, on longwire. New. (HN-GA)
- 1110 UNID — — - 12/15 1755 - Gospel programming, phone number 457-1110. (TRH-GA)
- 1150 UNID — — - 12/17 2111 - "The Good Time Oldies show." (TRH-GA)
- 1480 UNID — — - 12/17 1956 - "You're listening to the Country Oldies Show, brought to you by... IBC Racing... Motor Sports(?)" (TRH-GA)
- 1580 UNID — — - 12/15 1750 - Ad for Park Lane Chevrolet. (TRH-GA)
- 1660 WBHEp NC Charlotte – 12/19 0014 – "Sporting News Radio" slogan most likely IDs this as the new X-Bander, as the other two are ESPN or Fox. On top of slop, mostly WQSN in background. On longwire, new. (HN-GA)

STATION LOGGINGS

- 580 WCBS WV Charleston – 12/16 0149 – "Charleston's number one station for news and talk, 580 WCBS." ESPN sports talk, clear and dominant, on longwire. New. (HN-GA)
- 600 WREC TN Memphis – 12/16 0159 – out of "Coast to Coast", legal ID: "news talk 600, WREC Memphis." Time pip and CBS News. New. (HN-GA)
- 610 KCSP MO Kansas City - 12/27 0045 - good over WTVN with spot for The Woodlot (?) in Kansas City, KS into scores from SNR. Ex-WDAF for me. (JF-ON)
- 640 WWJZ NJ Mount Holly - 12/26 1625 - over CFMJ with "Who Let The Dogs Out" (must be most popular song on their playlist!), promo for a Radio Disney contest. New! (JF-ON)
- WGOC TN Blountville - 12/27 0741 - alone with classic C&W, ID "We're in touch with our heritage, 640, WGOC". Ex-WJTC for me. (JF-ON)
- 650 WSRO MA Ashland - 12/26 1600 - strong with ID "WAZN 1470, Marlborough and WSRO 650, Ashland" into USA News. EX-WJLT for me. (JF-ON)
- 670 WRJR VA Claremont - 12/26 1640 - blasting in with SS tropical music, SS promo "WRJR presenta...en Virginia Beach....". My SS is not too good, hi. (JF-ON)
- 690 WOKV FL Jacksonville – 12/29 1700 – good with legal ID and "newstalk 690 WOKV" IDs, local ads and news, weather from a TV-4 meteorologist, also 12/28 with Jaguars postgame show at 1705, cut at 1728. Semi-regular. (JRM-PA)
- WJOX AL Birmingham – 12/29 1737 – good with "Jox 690", sports talk with "Bob and Ray", local ads, "Jox Jet Patrol" traffic. Reduced power at 1744. In semi-regularly. (JRM-PA)
- 720 KSAH TX Universal City - 12/15 0053 - Noted frequently under WGN with "La ... de la raza, norteno 7-20". (TRH-GA)
- 730 WLIL TN Lenoir City – 12/19 2140 – Slogan: "AM Clear Channel WLIL". Good through WNAK open carrier. Into Boston Pops' "Sleigh Ride". Interference from probable WOHS. (HJH-PA)
- 740 WMBG VA Williamsburg – 12/19 2238 – ID, then into "Have Yourself a Merry Christmas" by Tony Bennett, then ad for Progressive Car Insurance. Very good signal. (HJH-PA)
- 760 WCIS NC Morganton - 12/26 1703 – good mixing with WJR with USA News, promo for "Gospel Countdown" program on "The Powerhouse, WCIS" into gospel music. New! (JF-ON)
- + 12/26 1704 – in briefly with ID and gospel music. (JRM-PA)
- 770 WKTW PA Jeannette – 12/26 1502 – Now on this frequency with "770 WKTW" IDs and "WKTW Jeannette-Greensburg" TOH IDs. Playing oldies and then a local health talk show. First day here, 12/22, power 750 D1, no signoff, just off! Board operator answers for the 620 kHz sister station. (JRM-PA)
- WLWL NC Rockingham – 12/26 1800 – full sign off with "Big Wave 77" ID, c/o Markham Communications, studios at River Road, 5000 watts, oldies and "Pink Panther" theme. (JRM-PA)
- WAIS OH Buchtel - 12/27 0810 - weak in mess with weather and a rundown of recent movies. (JF-ON)
- WCGW KY Nicholasville - 12/27 0816 - way over WAIS with GOS music, "Gospel 770, WCGW" ID into USA News. Ex-WJMM for me. (JF-ON)
- 780 WCKB NC Dunn – 12/26 1619 – good over/under WWOL with gospel music, local ads, IDs, "Bible Alive" program. Lost to WWOL. (JRM-PA)

10	WWOL	NC	Forest City - 12/26 1700 - good with USA Radio Network news, funeral announcements, and full sign off at 1715. Mentioned owned by Holly Springs Baptist Broadcasting. "America the Beautiful" theme. (JRM-PA)	1370	WVMR	WV	Frost - 12/17 0602 - ID and mentions of the other Pochahontas network stations that were simulcasting, including 89.7 FM. (TRH-GA)
790	WQXI	GA	Atlanta - 12/26 1705 - fair with "790 The Zone". Atlanta mentions, weather, then gone. (JRM-PA)		WMGO	MS	Canton - 12/17 0740 - Nice ID and ad for a business on highway 57 south. (TRH-GA)
800	WPLK	FL	Palatka - 12/13 1826 - Big band music. Weak, mostly alone with ID. New. (HJH-PA)		WLTC	NC	Gastonia - 12/23 1750 - ID: "You're listening to WLTC", and mention of 20,000 watts. Very strong. (HJH-PA)
820	WMGG	FL	Largo - 12/28 1701 - Many "La Mega" IDs, tropical music, fair with WOSU at sunset. (DY-DC)		WCCN	WI	Neillsville - 12/24 0858 - fighting off WSPD with ad for Ashland butter, ID at end of report on Neillsville High's boys and girls basketball games: "and that's sports on AM 1370 WCCN". (MKB-ON)
830	WEEU	PA	Reading - 12/29 0806 - over CHAM-820 slop with "WEEU traffic update" local traffic report, slogan "Voice of Berks County, WEEU" into local sports (i.e. Eagles, Flyers, 76ers). (MKB-ON)	1380	WMTA	KY	Central City - 12/17 0416 - Local ads for mall in Central City. Listed as 23w, mixing with WMJR-KY which is listed as 40w. (TRH-GA)
860	WAMO	PA	Pittsburgh - 12/19 1830 - Slogan: "Pittsburgh's Adult Station". "The 6 o'clock cool down with Tracy Leach". Began song by Earth, Wind & Fire. (HJH-PA)	1400	WAMC	NY	Albany - 12/21 1900 - Community calendar, ID, good briefly in mix. (DY-DC)
920	WTCW	KY	Whitesburg - 12/4 1520 - caught this on tape when it was on top: "Letters to Santa from Whitesburg Elementary School." WLIV in background. New, on longwire. (HN-GA)	1420	WLIS	CT	Old Saybrook - 12/22 0822 - Good, with traffic report. WMRD/WLIS ID. Country-type music. (HJH-PA)
	WLIV	TN	Livingston - 12/18 1945 - C&W, ID, slogan sounded like "the best of the new and the old." Listed 38w. (TRH-GA)	1450	KYLS	MO	Fredericktown - 12/15 2359 - Oldies format, ID "Your station for good times and great oldies, KYLS." (TRH-GA)
930	WRVC	WV	Huntington - 12/4 1706 - local sports talk "from the studios of WRVC." Excellent on both antennas. New. (HN-GA)		WLKW	RI	Westerly - 12/21 1800 - WNBH ID heard in mess. (HJH-PA)
950	KPRC	TX	Houston - 12/16 0247 - "Newstalk 950 KPRC, where Houston comes to talk." In slop on loop. New. (HN-GA)	1470	WBIT	GA	Adel - 12/15 2246 - Now that the 1690 station is moving over 200 miles away, the 1470 is back on (isn't this slightly abusing the rules for expanded band operation?) running nonstop ads for Wild Adventures theme park. (TRH-GA)
	WXGI	VA	Richmond - 12/27 1656 - over usual pest WWJ with C&W songs, slogan "Country jamboree from All-American AM 950 WXGI". (MKB-ON)		WBCR	TN	Alcoa - 12/26 1633 - briefly alone on R8/GAP with spot for Ledbetter Electronics in Alcoa. Ex-WEAG for me. (JF-ON)
970	WGTK	KY	Louisville - 12/6 0251 - local talk show, call-ins from Louisville area re: Saddam Hussein. Up and down in slop on loop, new. (HN-GA)	1500	WQXL	SC	Columbia - 12/26 1635 - good over WBCR with weather report. (JF-ON)
980	WTEM	DC	Washington - 12/7 0141 - post game show on Capitols Radio Network (NHL). Alone on top on longwire. New. (HN-GA)		WLQV	MI	Detroit - 12/17 0430 - Mixing with WTOP with religious programming and ID. (TRH-GA)
	WONE	OH	Dayton - 12/18 0559 - Noted with new sports talk format, "WONE, sports talk that rocks." (TRH-GA)	1520	WNWS	TN	Brownsville - 12/15 2146 - Nice clear ID in English "You're listening to WNWS-AM Brownsville" then back to Spanish programming. Supposedly a daytimer! (TRH-GA)
990	WDEO	MI	Ypsilanti - 12/18 0357 - EWTN programming and ID. (TRH-GA)	1540	KZMP	TX	University Park - 12/15 2059 - "KZMP... Super estrellas 101.7 FM." (TRH-GA)
1010	WNTK	NH	Newport - 12/24 0835 - Ad for "Country Christmas with Charlie Daniels". Very good with ad for Central Supply. Slogan: "Your Hometown Music Station." New. (HJH-PA)	1570	WBUG	NY	Amsterdam - 12/20 2140 - C&W music, "Your home for Real Country, Bug Country 101.1 and AM 1570," good and atop. (DY-DC)
1100	WTAM	OH	Cleveland - 12/28 2100 - Signal fair to good. ID: "Sports Radio WTAM 1100." Slogan: "Radio Basketball Network." Ad for OfficeMax. Basketball game. (JV-NY)	1600	WKXX	WV	Wheeling - 12/27 1646 - over WWRL/WAAM mix with ID as "ESPN radio 1600 WKXX" into talk on the 31-0 butt-kicking the Patriots were laying on the Bills. (MKB-ON)
1160	WYLL	IL	Chicago - 12/17 2013 - Loyola Ramblers basketball coverage and IDs. Surprised to log 7 stations on a frequency where there is an IBOC local (WMLB)! (TRH-GA)	1620	WDHP	VI	Fredericksted - 12/16 2133 - Noted often under WTAW and UNID ESPN station, with Caribbean music and accented announcer giving news on local community events around the US Virgin Islands. (TRH-GA)
	WKCM	KY	Hawesville - 12/17 2015 - Mixing with WYLL, "Western Kentucky's Country Music, AM 11-60, WKCM." (TRH-GA)	1650	KCNZ	IA	Cedar Rapids - 12/16 2202 - ID and promo for Jefferson Jayhawks vs. ? Tigers sponsored by Matthias Landscaping. (TRH-GA)
1170	WDIS	MA	Norfolk - 12/21 1700 - Sign off announcement by man, poor. (HJH-PA)	1660	WFNA	NC	Charlotte - 12/26 1706 - Commercial for Cig-Away product to cure the smoking habit., then "Home of Prime Time ... 16-60 AM, WFNA Charlotte, broadcasting's Sports Leader of the South." Heard after power switch at TOH by WWRU-NJ. (PC-VA)
1230	WHUC	NY	Hudson - 12/26 2236 - ID then into Big Band classic, "I'm Beginning To See The Light". Fair, briefly. (HJH-PA)	1670	WMWR	GA	Dry Branch - 12/25 2330 - "Talk Radio, 16-70, WMWR", followed by mid-Georgia PSAs. Logged as WNML in 1998 and WRNC in 1999, with City of License as Warner Robins both times. Probable format change; AM Log shows them as UC:GOS. (PC-VA)
1250	WHNY	MS	McComb - 12/17 2322 - Ad for local Nissan dealer. (TRH-GA)	1680	WDSS	MI	Ada - 12/25 2320 - Announcement of New Year's celebration at Grand Rapids Children's Museum. "This has been a family fun reminder from AM-16-80, WDSS", then into usual Disney Radio mindless music. Logged as WBHD five years ago. (PC-VA)
1260	WBNR	NY	Beacon - 12/29 0820 - fighting losing battle over WRIE with local weather, promo for www.thesoundofthevalley.com web site, "Good Morning Hudson Valley" AM drive show, mention that Tom Michaels, the regular host of this program, would return on Monday. (MKB-ON)	1690	WRLL	IL	Berwyn - 12/25 2247 - "When it comes to Oldies, it's got to be Real, Chicago's Real Oldies, 16-90." Illinois PSAs, including The National Guard. No ID at TOH. Selections included <i>Dreaming</i> and <i>Day-O</i> . At 2302, "Real Oldies for Chicago; WRLL Berwyn-Chicago, on-line at ... realoldies1690.com ." SID "Real Oldies, 16-90", then <i>Walk Right In</i> ." WPTX-MD no problem. (PC-VA) + 12/26 1748 - with WPTX, "oldies for Chicago... www.realoldies1690.com ." (JRM-PA)
1270	KESS	TX	Fort Worth - 12/16 2112 - Simulcasting an FM with "La Que Buena" slogan. (TRH-GA)				
	WKBF	IL	Rock Island - 12/18 1921 - ID and slogan "America's best music" which indicates WW1 NOS. Mixing with WKZT-KY. (TRH-GA)				
1340	WBBL	MI	Grand Rapids - 12/27 0848 - over groundwave pest WLVL with promo for Michigan basketball "right here on the Ball, Team 1340 AM WBBL". (MKB-ON)				
1360	WMOB	AL	Mobile - 12/5 0100 - legal ID at TOH: "AM 1360, where Christmas music is enjoyed by Christians. WMOB, Mobile." On top of slop on longwire. (HN-GA)				

International DX Digest

Foreign DX Catches. Times are UTC; for ELI, subtract 5 hrs.

Marconi rest in peace; this week we have transatlantic DX signals! "Nice to close out the year with a flurry of TA activity, especially the high latitude signals from Norway, Denmark, and Iceland," says Marc DeLorenzo. Kevin's one-tube receiver logs put an interesting spin on DXing. Anyone else up to the challenge of receiving DX signals with a homebrew single-tube or crystal set? My first homebrew electronics project was as a junior high schooler in San Diego circa 1970, when I built a crystal radio with a 50-ft wire antenna. The only signal it received was 1090 XERB Rosarito with Wolfman Jack playing gospel tunes, my first international DX!

Transatlantic DX

- 189 **ICELAND** *Ríkisútvarpið*, Gufuskálar DEC 16 1000-1040 - Fair; apparent news by man and woman in Icelandic; into music program at 1018 that included Icelandic folk vocals, American country western ballads, and one Irish folk ballad. Tuned out at 1040. [DeLorenzo-MA]
- 207 **MOROCCO** Azilal DEC 26 0220 - Good with Moroccan music and female announcer. [Dangerfield-PA]
- 252 **ALGERIA** Tipaza DEC 27 0255 - Fair, chanting, Koran probably. Often heard in French. [Dangerfield-PA]
- 567 **IRELAND** *RTE R.1*, Tullamore DEC 28 0040 - Folk-rock vocal (Saw Doctors, or similar); to fair peak over Spain. [Connelly-MA]
- 567 **SPAIN** *RNE5 Murcia* DEC 28 0220 - Man in Spanish parallel to *RNE1* stations and other *RNE5*'s. [Dangerfield-PA]
- 585 **SPAIN** *RNE R.1*, Madrid DEC 27 2320 - Fair with woman in Spanish, parallel to 684 and 855. [Dangerfield-PA] DEC 30 0237 - Man in Spanish; to good peak, over semi-nulled WEZE-590 splash. [Connelly-MA]
- 693 **UNITED KINGDOM** *BBC R.5*, Droitwich et al. DEC 28 0036 - Bits of English newstalk; through WRKO-680 slop. [Connelly-MA]
- 711 **FRANCE** Rennes DEC 28 0036 - French talk; poor. [Connelly-MA]
- 765 **SWITZERLAND** *RSR Sottens* DEC 28 0035 - Emotional French male vocal; good. [Connelly-MA]
- 837 **FRANCE** Nancy DEC 28 0035 - French talk by man; to good peak. [Connelly-MA]
- 846 **ITALY** Rome DEC 27 2249 - Man in Italian. This one seldom heard anymore. [Dangerfield-PA]
- 864 **FRANCE** Paris DEC 27 2200 - Good signal with woman in French with news. [Dangerfield-PA] DEC 28 0034 - French male ballad vocal; good. [Connelly-MA]
- 873 **SPAIN** *SER* synchros DEC 28 0033 - Fast-paced *SER* news, echo on audio; fair. [Connelly-MA] DEC 28 0143 - Fair; men in Spanish in discussion. [Dangerfield-PA]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford DEC 28 0032 - English talk by woman; in WCBS slop. [Connelly-MA]
- 890.98 **ALGERIA** *Chaîne 1*, Algiers DEC 28 0031 - Man with Arabic newstalk; fair to good. WAMG easily phased to remove interference. [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC R.5* synchros DEC 28 0032 - Announcer mentioned solar and geomagnetic activity; fair through WABI slop. [Connelly-MA]
- 999 **SPAIN** *COPE Madrid* DEC 30 0244 - Segment of female vocal, then two joking / laughing announcers; good. [Connelly-MA]
- 1017 **SPAIN** *RNE5 Burgos*, Grenada DEC 28 0228 - Good with man in Spanish parallel to other *RNE5*'s. [Dangerfield-PA]
- 1044 **SPAIN** *SER* synchros, San Sebastián likely DEC 25 0429 - Good; man and woman in Spanish. [Dangerfield-PA]
- 1062 **DENMARK** *Danmarks Radio*, Kalundborg DEC 27 0451-0500 - Fair with woman in Danish reading long list of weather info. At 0455 brief announcement by man then into Marvin Gaye tune. [DeLorenzo-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros DEC 27 0436 - Fair in WBAL phase-null with host and caller in heated argument on football issue. [DeLorenzo-MA] DEC 28 0021 - Woman on phone (Mary) talked to male presenter about the final wishes of her husband before he recently passed away, and about what a great sports fan he had been; to good peak over slight

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- 1098 **SPAIN** *RNE R.5* synchros DEC 28 0019 - Parallel 1107 with Spanish talk by man and woman; fair. [Connelly-MA]
- 1107 **SPAIN** *RNE R.5* synchros DEC 28 0018 - Woman in Spanish, echoey audio; over second station with Arabic-style music. (Egypt?) [Connelly-MA]
- 1134 **CROATIA** Zadar DEC 28 0224 - Huge signal. Man in Croatian, then Croat music. It was great to hear this one over here after listening to it over there in October. Signal sure gets out! [Dangerfield-PA]
- 1206 **FRANCE** Bordeaux DEC 27 2050 - Fast talk about current events in France; loud. [Connelly-MA]
- 1215 **UNITED KINGDOM** *Virgin R.* synchros DEC 27 2026 - "Come As You Are" by Nirvana; fair. [Connelly-MA] DEC 27 0423-0430 - Fair with pop tunes "More Than Words" by Extreme and "One" by U2 with brief DJ patter in between. [DeLorenzo-MA]
- 1314 **NORWAY** *NRK Kvitsøy* DEC 24 2338-2400 - Fair with male DJ in Norwegian and pop tunes including Eric Clapton's "You Look Wonderful Tonight." A nice present on Christmas Eve! Noted again DEC 25 0318 with Blondie's "The Tide Is High" despite splatter from CKEC-1320. [DeLorenzo-MA] DEC 27 0530 - Pop music, Norwegian talk by man. + DEC 27 2052 - Old-style folk / country vocal (a blend of the styles of Hank Snow and early Gordon Lightfoot); good. [Connelly-MA] DEC 30 0116 - Signal only fair with Norwegian pop music, but nice to hear again several times this past week. Indicates an improvement in propagation. [Dangerfield-PA]
- 1467 **FRANCE** *TransWorld Radio*, Roumoules DEC 24 2314 - Loud and clear with signoff in English mentioning PO Box in England and www.twr.org. Then played interval signal for eight seconds, ran open carrier for one minute and gone. [DeLorenzo-MA]
- 1521 **SAUDI ARABIA** *BSKSA Duba* DEC 27 2021 - Parallel 9870 and 9555 with Arabic telephone interview; fair to good. [Connelly-MA]
- 1548 **KUWAIT** *R.Sawa*, Kabd-Kuwait City DEC 28 0003 - Pop style Arabic vocal; fair, over likely UK station. [Connelly-MA]
- 1557 **FRANCE** Nice DEC 27 2053 - Parallel 1206 with French talk; through WQEW slop. [Connelly-MA]

Ben speaks: TAs were back beginning Dec 24 through 29. Best night was Sat/Sun Dec 27/28. The strongest signals were mostly in the middle of the band with some from LW and the low end and a few from the high end. Spain, France and UK were pretty good along with the powerhouse Croatia-1134. Norway-1314 also appeared though not nearly up to its usual strength, but then, neither was the usual powerhouse Saudi-1521. The usual LAs heard but nothing new. All this was helped by a generally reduced noise level. I keep hoping this is a sign of good things to come but I have been wrong before. It does seem as if the solar storms of Oct and Nov have abated for a while. I heard many more TAs but just listed the highlights.

Pan-American DX

- 530 **TURKS & CAICOS** *R.Visión Cristiana*, South Caicos DEC 20 1630 - Good; Spanish language Christian program. Amazing midday signal at 1130 local time! [DeLorenzo-MA]
- 970 **MEXICO** XEEZ Caborca, Son JAN 2 0343 - A woman playing and singing a ranchera song. [Redding-AZ]
- 1540 **MEXICO** XEHOS Hermosillo, Son JAN 2 0317 - Ranchera music and slogan "La Poderosa." [Redding-AZ]

Contributors

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73 and Good DX!

The Challenging Crystal Set
For hobbyists demanding the ultimate DX challenge, Ray Cole's publication detailing step-by-step procedures in building a crystal set is for you! Only \$3.50 (\$4.50, non-members) from NRC Publications. (NY residents, add sales tax)

DX'er's Notebook

Shared tips, topics, and Internet info

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First off I want to wish everyone a very Happy New Year, and trust that the Holiday season has been good to you. I also will apologize for this column being so infrequent the last few months, but, sometimes, life gets in the way.

This time we take a look one of the latest trends in DX'ing, the use of phasing two antennas to produce different results than one antenna alone can provide.

Neil Kazaross <neilkaz@earthlink.net>

Hmm, phasing would make those Bevs much more useful since you can null pests. They should give the Nobel Prize to the guy that invented phasing for AM!

Charles Hutton <charlesh3@msn.com>

And that would be his royal self, the honorable Harold H. Beverage way back in 1922...

Mark Connelly, WA1ION, Billerica, MA <MarkWA1ION@aol.com>

Phasing for establishing broadcast directional arrays has, of course, been around since the early days of radio. Phasing as applied to two receiving antennas in the MWDX hobby really got started with Gordon Nelson in the 1960's. From stacks of old DX News that I got at a convention, antennas used prior to about 1963 only mentioned loops or longwires most of the time. Even the use of Beverages wasn't that common.

Nelson and Bill Bailey seemed to be the first DXers to make extensive use of phasing. Chuck Hutton and I jumped on the bandwagon in the '70s and then it started to proliferate, especially as more-portable receiving equipment made serious coastal DXpeditions (Narragansett '79, the Montauk LI thing, Cape Cod, Ogunquit, Capparhayden, etc.) more common. Use of phasing on the West Coast and overseas took longer to get started. Now it seems well established with the Quantum and modified MFJ units giving users commercially-built options, something that was very much lacking during the first quarter century of DXer phasing usage.

Paul Swearingen, Topeka, KS <PlsBCBDXER@aol.com>

I'd sponsor a Nobull Prize for anyone who could come up with a workable phasing system for two loop antennas for those of us who exist on 50x100-foot city lots, are too lazy to go out into the country to string beverages (or have no time, let's say), and still need to phase. I think I've mentioned trying to phase with two loops spaced about 15 feet apart with limited success. Very limited. Is there anything in print (on the web) concerning experiments with phasing with two loops? A loop and a longwire? -

John Wilke, WB9UAI <J999w@aol.com>

Any chance of scanning in some of the good stories and putting them up on the web? Probably some great reading to be had and could be lost forever.

Paul Swearingen <PlsBCBDXER@aol.com>

All of the articles are available through NRC Publications - the next catalog should be coming along soon. I peddle old DXN's back to '88 at a buck apiece, postage included (I'd be glad to get them out of my attic). And we've had a couple of volunteers to scan articles; anyone else who can scan (it does take some time and effort) is welcome to apply directly to Ken Chatterton @ kenc@nrcdxas.org (note the slight change in address).

Neil Kazaross <neilkaz@earthlink.net>

Well, Paul...this is something I've wanted to contact Gerry Thomas about for several years. This would be really good for guys like yourself who aren't lucky enough to have a big country lot at their disposal (or unlucky enough commute nearly 40 miles to a big city job to pay for it...about the closest 5 acres I can find near Chicago unless I win the Lottery)

We have the Quantum Loop available and it works very well. We have the Quantum Phaser and it works very well (OMG it really works very very well). What we don't have is the Quantum Active (amplified) Whip antenna. Now why would we want a well constructed Omni Direction Whip antenna (and I mean large several foot antenna or even a wire running from table to ceiling...so it will be reasonably efficient) ?? The answer is that when we phase the Loop and Omni Whip we can produce a rotatable cardioid pattern!!

Now we have available the loop and it's very useful a rotatable figure 8 pattern with its fine side nulls. And most importantly, since a loop cannot separate stuff anywhere near 180 degrees apart,

when you want to do that, you switch in the active whip and phase to make a deep cardioid null of the back end pest while not nulling the desired opposite direction DX.

So we need a commercially available system consisting of a loop, phaser and omni whip to phase (when needed) to get a rotatable!! cardioid pattern.

Charles Hutton <charlesh3@msn.com>

It always amazed me that the Beverage was not known (or poorly known) in ham circles in the 60's and 70's. I don't believe there was any article whatsoever in QST about Beverages until the article Beverage wrote in 1982 or 1983.

By that point, we (MW DX'ers) had a good handful of articles on Beverages ranging from bandscans to mathematical analysis to phasing schemes.

What a club.

Charles Hutton <charlesh3@msn.com>

Mr. Paul: You can phase any type of antenna against any type of antenna. A loop & longwire system works fine (I think that's one of Mark Connelly's configurations) and makes a nice cardioid pattern. Try Ron Schatz' LSCA article if it's still available.

Neil Kazaross <neilkaz@earthlink.net>

I believe Mark Connelly phases two remotely tuned loops about 75 feet apart at times. (I'll let him comment) I'm not certain, but can you put two loops 90 degrees apart in direction and then phase them and null the back end without nulling the opposite direction ...i.e. make a cardioid pattern?

What I mean is if you want to null the east...aim one loop NE/SW and the other NW/SE and then phase to null the east but not have the west go out of phase into a null? I've heard that but never tried it since I use outside antennas 99% of the time and only have 1 Kiwa loop.

Please note that if you phase with a loop as a component you need to spoil the Q or the phase nulls are very sharp and difficult to obtain/maintain and very narrow banded.

Can you put up a K9AY in your yard or perhaps a couple of fixed cardioid antennas (KAZ, flag, etc) along the sides of your house? If you run a // mini BOG and phase vs. a cardioid patterned antenna you'll take that 20-25 or maybe 30 dB F/B and make it 50+ dB and that kills all but superlocal QRM. Here's an example of what 50 dB nulls would do for you. I'll bet KOA 850 is simply awesome in Wichita on any non-AU night! If you aimed a cardioid antenna east with its deep null to the west, you'll knock KOA down a lot and maybe here stuff trying to come in with it. But, if you phase enhance the F/B by running only a 50 foot mini-BOG aimed E-W and then phasing to further reduce KOA, it will be down another 25+ dB and basically gone and you can log whatever else in on 850 as long as it isn't west of you. (try doing that with a loop!! you can null KOA and DX N and S but NOT TO THE EAST!) Even a 50-foot mini-BOG actually picks up less than the -5 to -6 dB picked up off the sides of the cardioid antenna. Thus, the addition of the // mini-BOG won't bring in added side QRM (noting that the cardioid picks up plenty from the sides at 90 degrees +/-)

Neil Kazaross <neilkaz@earthlink.net>

The weekend in 1979 when that Mark Connelly spent with me at "Grandma's summer home" in Narragansett and we dragged a quarter mile Bev thru the thick undergrowth and had Cuba 720 and WAPE 690 from FL during the day, changed my DX life for ever. But when he showed me phasing...the impact was far greater!! The ability to kill back end QRM cannot be overestimated. Killing side QRM is also good, but a loop can do that.

If someone told me I could null local WIND 560KHz (137 degrees) and have good copy of KMOM (1190 miles at 295 deg) I'd never believe them if I couldn't have a phasing system to crush back end QRM.

Paul Swearingen <PlsBCBDXER@aol.com>

Yes, (Ron Schatz' LSCA article is) still available through Reprints. I'd forgotten about it; thanks for the reminder.

Maybe (Marc Connelly) can comment about the minimum distance apart for two loops to be able to be phased, too?

Well, I tried (to put two loops 90 degrees apart in direction and then phase them and null the back end without nulling the opposite direction) and did get some phasing effects to allow me to null some stations I hadn't been able to null before (without nulling out the desired signal), but when I tried again last year I couldn't seem to replicate what I'd done before.

I have my well-used Sanserino/Martens loop combo plus a rather small home-build loop. Perhaps I should build a larger (4-6 foot) loop to use as the loop to phase against?

(And) don't wire in a tunable cap, right? Maybe that was most of my problem.

sigh I guess I'll have to try (to run a parallel mini-BOG and phase vs. a cardioid patterned antenna) - I actually have 100' by 100', with the rental property, to play with. But I also have neighbors with



noisy TV sets, etc.

Okay, I'm convinced that I'll have to wrack up my non-technical brain and do a better job with outside antennas. Now - to find the time (away from grading papers) to do it ...

John Wilke, **WB9UAI** <J999w@aol.com>

I have very good luck with a vertical piece of hardline (very thick coax) hung in a pine tree right next to the house and a box loop inside. Separation is about 20 ft ... works very well.

Mark Connelly, **WA1ION**, Billerica, MA <MarkWA1ION@aol.com>

Paul, not only can you get a two-antenna phasing system on a 50x100 foot city lot, you can get one on the roof of a car! In fact, this is something I do quite often at shore sites such as Granite Pier where there isn't much room for wires on the ground.

For this to work, the two antennas must have different pick-up patterns or everything gets nulled together. I use a non-directional broadband active whip (MFJ-1024, homebrew, or similar will do) placed near the passenger side of the car and a broadband loop on the driver's side. Take a look at the set-up at "http://members.aol.com/WN1ION1967/car_dx_setup_at_eastham.jpg". In that set up I used whips to form each side of the loop and clip leads to form top and bottom members. I've since gone over to a single piece of wire on a wooden frame for greater reliability in windy / rainy conditions. That antenna, which produces a figure-of-8 pattern, consists of the non-conductive frame supporting a square one-turn loop of wire in the vertical plane. The wire is 2 m / 6.6 ft. per side: 8 m total length. Feedpoint is at the only break, at the middle of the bottom side. I use either a 1:1 transformer to a 50 ohm in/out amplifier such as the W7IUV, or a 1:36 transformer to a high-Z in / 50 ohm out buffer-type amp. Certainly a Wellbrook ALA-1530 broadband loop could be used instead, likely with just as good results.

AVOID THE USE OF TUNED LOOPS AND/OR WHIPS! Nulling a whole signal (carrier + sidebands) is difficult at best with tuned antennas. Also, checking parallel frequencies will be a real chore. Stick to broadband!

The phasing unit supplies choke-coupled 12 VDC power through the RF coaxial cables to the loop and to the whip. If you use one of my phasers, 12 V feed is usually built in. If you have a Quantum or MFJ phaser, you'll have to add a bias tee arrangement to each antenna jack to permit powering up the outdoor antennas.

All the pieces you need are out there in commercial form: MFJ-1024 whip, Wellbrook ALA-1530 loop, and Quantum Phaser. I tried to get Gerry to include +12 V coupled on the antenna lines, but he didn't go for it, so a bit of modification is necessary. Get a couple of chokes in the 1 mH to 4 mH range that can handle 200 mA DC. Then get a couple of 0.1 uF DC-blocking caps to keep DC out of the phaser circuitry. A few minutes with the soldering iron and off you go.

If you'd rather use two loops (maybe the whip gets too much noise at your QTH), put them at least 30 m / 100 ft. apart if they're pointing the same way. If they're at a right angle, they can be as close as 3 m / 10 ft.

I've also phased with two active whips spaced about 60 m / 200 ft. apart on an east-west line out at the Rowley salt-marsh site. This is a very effective short-skip-busting system, plus you can use a Feedline Coupler to make the 60 m feedline an antenna in its own right, something that can then be phased against the closer or more distant whip.

Whip versus longwire works better than loop versus longwire. Loop and longwire are both figure-of-8-ish whereas vertical whip and horizontal wire are more inherently different, i.e. less likely to cause mutual nulling of pests and DX.

Does this clear anything up, or just make it more confusing?

Brian Leyton, **Valley Village, CA** <bleyton@cpe-usalco.com>

Ok, now you guys have my interest piqued. I've got the same basic problem - small suburban lot with little ability to construct outdoor wire antennas. This phased broadband loop vs. whip combo looks really interesting, but I have a couple of questions.

First of all, I'm in a VERY strong signal area. I've got a 50kw/10kw station right down the street, as well as several strong locals within 10-15 miles. Would this be a showstopper?

Second - would the broadband loop need to be rotatable? What if you rigged up 2 fixed loops, one aimed NW/SE & the other SW/NE (or N-S/E-W). Would this allow you to steer the nulls through 360 degrees? I know you'd have to switch between the loops to get the full 360, but I'm trying to figure out a configuration that the wife will be able to live with. I don't think she really wants our roof to look like an antenna farm.

To be honest, I'm not even sure she'll go for what I'm describing, but I'm thinking this is a lot less conspicuous than something like a K9AY on the roof.

Bill Whitacre <bw@his.com>

I live on a pretty small lot but found enough room [and supports] for a two-loop K9AY in the backyard. It works GREAT and though I'm not as active as I was as a kid I WISH I had such a thing way back then!



25 foot high center mast with 13foot bottom sides in each of the 4 compass directions. I'm using the Wellbrook boxes to tune it and it's very cool!

Neil Kazaross <neilkaz@earthlink.net>

OK Brian, can you put up a KAZ antenna (delta shaped) perhaps on your roof elevated so it will be out of the way of human traffic?. If your roof top isn't rather long, perhaps you can simply put up a small mast on your roof (chimney maybe) to hold the apex of the triangle and then use two trees on opposite sides of your roof line to anchor the bottom section of the triangle to.

I lived in LA for about 18 months so I know where some, but not all the TX's are. The idea of the KAZ will be to put a big cardioid null toward most of your superpests. I suspect most of them are to your south. You can do the same thing with a flag or pennant if you have two trees and your house is out of the way.

Brian Leyton, **Valley Village, CA** <bleyton@cpe-usalco.com>

I used to have a nice Streets98 map, but now that I've reorganized this PC...

Yes, I think you're probably right that most of my pests are to the south, though I do have a couple to the east, one directly north at 5.8 miles, and of course there's KSPN about 1/2 block to the NW. I could probably get away with a mast attached to the chimney, though I'm not too sure where I'd anchor the other 2 corners of the triangle. I just looked up some info on this - Hmmm - if it's only 10'x40', I might be able to make this fly. Guess I need to take some measurements & see what the options are.

My layout is difficult. My house faces south, and in the back yard I've got a large overgrown tree in the NW corner. A 3 story apartment building is to my north, and there are power lines running along the back wall of my property (right through the tree). I guess I should figure out what the measurements are of my lot. I just haven't really considered outdoor wire antennas because of all of the obstacles and the fact that my wife will probably nix anything too big & ugly.

Russ Edmunds, **Blue Bell, PA** <wb2bjh@nrcdxas.org>

As a certain former President used to say, "I feel your pain". My property faces SW, with no useable trees to either side. My locals are mostly between 150 and 180 degrees. The best direction to put an antenna from house to tree would be due East, (which doesn't do anything much for me) or right on a line with the locals.

I have 2 large trees in back, both too close to the house and each other to be of much use, plus a walk and a patio which preclude any easy noise-reduction solutions.

My wife also takes a dim view of any more antennas than the two (one FM, one amateur) I already have.

My current thought is to install a vertical of some sort either up the trunk of the nearest tree, or on the garage, and then figure out how the best compromise between a low budget and not-so-good electronic build-it project skills is for a phaser. Unfortunately, my radio budget for this year is exceeded already, with the roof mast and rotator yet to be replaced.

Neil Kazaross <neilkaz@earthlink.net>

Make it bigger than 10 x 40 if possible. 10 x 40 may not have enough signal for you, but you can amp it if need be. 15 x 60 should be big enough unamped. Perhaps with your strong pests, 10 x 40 is what you need not to overload the radio. I did hear Costa Rica 530 and the Jacksonville FL station on 1160 with 10 x 40 fed into my R8A with the radio's preamp on. I also had SK on 650 loud when I redirected it to null at 150 degrees which wasted WSM by at least 25 dB. 10 x 40 is large enough for me, but I know it isn't for some folks who want and can use more signal. I used about 18.7 feet by 66.8 feet as my south KAZ for about a year (until I discovered BOGs for BCB DX) and had all the signal I ever needed.

Teach your wife that she married a DXer. Mine totally understood what this meant before we were even engaged and completely accepts it and supports it. Then again, to put it bluntly, she's certainly happier that when I go start my car in a couple minutes I am driving 300 feet into our field to my Phased BOG setup, rather than driving into town to check out what I can find at the bar.

Your wife should be overjoyed to have a hard working, faithful husband who loves her! (Off course you have to consider neighborhood aesthetics) (If you end up needing a divorce attorney...that isn't my line of work :))

Russ Edmunds <wb2bjh@nrcdxas.org>

That goes only so far! Here, that permits me mostly clear time to DX, and no objections to a modest radio budget. It doesn't extend to major expenditures or eyesores, which in her eyes covers a multitude of antennas — including loops. I might move my shack upstairs after my younger son moves next year, but the loops likely won't come out of the basement, which might mean still another expenditure. And between BPL and IBOC, it becomes harder to justify equipment expenditures to myself!

dB - More on this next time, as we will get additional recommendations on how to go about phasing.

Second Annual Long Beach Island DXpedition

Assembled by R. J. Edmunds

(continued from last week)

Domestic Loggings

<u>Freq</u>	<u>Date</u>	<u>EST Time</u>	<u>Calls</u>	<u>Slogan</u>	<u>City</u>	<u>St/Prov</u>	<u>Details</u>
198	11/15	2050	DIW		Dixon	NC	NDB
216	11/15	2052	CLB		Wilmington	NC	NDB
240	11/15	2054	EW		Newark	NJ	NDB
248	11/15	2057	UL		Montreal	QC	NDB
253	11/15	2100	YTF		Alma	QC	NDB
254	11/15	2100	5B		Summerside	PEI	NDB
276	11/15	2102	YHR		Chevery	QC	NDB
278	11/15	2103	NM		Matagami	QC	NDB
332	11/15	2106	YFM		La Grande	QC	NDB
378	11/15	2109	RJ		Roberval	QC	NDB
560	11/14	1005	WGAI		Elizabeth City	NC	News, ad for Alliance Nissan in Elizabeth City; ID
630	11/14	1735	WBMQ		Savannah	GA	News, ID
690	11/14	1737	WJOX		Birmingham	AL	SEC Football Sports talk, local ads, ID
700	11/15	1740	WCAT		Orange-Athol	MA	Carribbean music, Spanish talk, some Reggae, ultimately ID'ed.
720	11/15	1840	CHTN		Charlottetown	PEI	Oldies, ID
730	11/15	1810	unID				Radio Disney // 640. Cannot discount possibility of a spur from 640, even at 30 or so miles. No known RD outlets on 730
770	11/14	1735	WLWL		Big Wave	Rockingham	NC Heard w/WABC phased—supposed to be 5kw daytime only, but this was 5:35pm, well past sundown!
780	11/14	2125	CFDR		Dartmouth	NS	Country music, ID 800
	11/15	1725	WCCM		Lawrence	MA	Carribbean music, Spanish talk, several mentions of "Dominicano"; ultimately heard "Lawrence, MA" in Spanish. 1020
	11/14	1910	WRHB		Radio Carnivale	Kendall	FL Call letter ID. Good
							Supposed to be at 980 watts - doubtful!
1080	11/15	2147	WHOO		Kissimmee	FL	ESPN Radio, promos, phone #
1150	11/14	2150	unID				Spanish vocal versions of US pop hits
1410	11/14	2206	WPOP		Hartford	CT	ESPN Radio 1410 ID
1440	11/15	2104	WHKW		Warren	OH	High school football play by play
1530	11/14	2010	KGBTt		Harlingen	TX	Spanish language sports broadcast
1550	11/14	1303	WVAB		Virginia Beach	VA	CNN news, ads for Bill Eiseman Real Estate, Resch Realty, others into "Your Health"
1580	11/15	2030	WZZJ		Pascagoula-Moss Point		MS No doubt using "HSFB PSSA", with Cougar and Panther football w/strong southern accent.
1580	11/15	1915	WPJK		Orangeburg	SC	Religious program, possible cheater
1580	11/15	2227	WZZJ		Pascagoula	MS	Gospel music, ID "Joy 1580, WZZJ"
1610	11/14	1310					unID TIS with traffic info, alternating male & female announcers. Calls started WNPS or X. No such calls listed on FCC on 1610
1620	11/15	2047	WPTU717		Ocean City	NJ	Emergency Advisory Radio Station with NWS weather (female synthesized voice)
1620	11/14	1945	WTAW		College Station	TX	Tele-talk; ID briefly over Ocean City NJ TIS
1630	11/14	1433	KNAA585		Jamaica	NY	Kennedy Airport TIS with parking, terminal info
1640	11/14	2044	WPSZ303		Brigantine Beach	NJ	Community Radio with local events on tape loop, male voice; using this call rather than listed WPVN442.

1640	11/14	2045	WTNI		Biloxi	MS	Football game, Mississippi vs. ?? ; Local ads
1660	11/14	2135	WCNZ		Marco Island	FL	Over 1660 in NJ!
1690	11/15	1430			New York	NY	Har for construction on Cross Bronx & Major Deegan Expwys in NYC. Could not get call, nothing or similar) on FCC.
1690	11/15	2025	WSWK		Adel	GA	Continuous park promos
1690	11/15	2030	WRLI		Berwyn	IL	Oldies and ID
1700	11/14	1434	KNAA585		Jamaica	NY	Kennedy Airport TIS with parking, terminal info
1700	11/15	2039	WPWX202		West Creek	NJ	TIS testing - Eagleswood Township Office of Emergency Management with tape loop, male voice
1710	11/14	1952			Lubavich Radio	New York City	NY Emphatic talking by man in presumed Yiddish

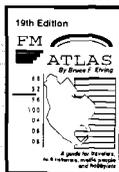
Foreign Loggings

<u>Freq</u>	<u>Date</u>	<u>EST Time</u>	<u>Calls</u>	<u>Slogan</u>	<u>City</u>	<u>Country</u>	<u>Details</u>
526	11/15	2235	ZLS		Nassau	Bahamas	Beacon: Code ID
530	11/14	2210		R. Vision	Cristiana	South Caicos	Turks & Caicos Religious talk, ID
550	11/14	2155		RJR	Montego Bay	Jamaica	Accented English, island events // 700
550	11/14	2210		R. Quapa		?	Spanish talk, unID mixing w/ RJR
550	11/14	2255	CMDN	R. Rebelde		Pinar del Rio	Cuba Talk, Cuba mentions
555	11/15	1955	ZIZ		Basseterre	St. Kitts	Up music and accented English from male DJ, this eventually rose to armchair copy by 11pm, even with the 2010 barefoot was nearly full-scale!
580	11/15	2205		RJR		Jamaica	Tentative parallel to 550
580	11/15	2305		WKAQ	R. Reloj	San Juan	PR Reloj ID, mentions of several PR localities
590	11/15	1815	CM—		Radio Musicale	Cuba	// 1030 over WBZ
620	11/14	2114	CMGN	R. Rebelde		Ciego de Avila	Cuba Rebelde ID; // 580, 600
627.5	11/15	2000	?	?	?	?	Strong het, with fading, which sort of eliminates TVI or other junk signals—never heard anything.
650	11/15	2200	HJKH	R. Antena Dos		Bogota	Colombia Slogan, talk
670	11/15	2115	CMBC	R. Rebelde		Arroyo Arenas	Cuba Slogan, Spanish talk
680	11/15	2118	CM—	R. Progreso		Cuba	Parallel 690
690	11/15	2123	CM—	R. Progreso		Jovellanos	Cuba Progreso slogan in Spanish talk
	11/14	2015	HJCX (p)		Cali	Colombia	Under/over WLW, talk by man in Spanish, mentions Colombia, Bogota and and Caracol.
700	11/15	2200		RJR	Hague	Jamaica	Accented English reading news; excellent and armchair copy.
700	11/15	1900	RJR			Jamaica	// 550 // 720 and could almost hear // 580 as well.
710	11/15	2312	CMBW	R. Rebelde		La Julia	Cuba Spanish talk, Rebelde ID
720	11/15	2121	CMHL	R. Rebelde		Cienfuegos	Cuba Spanish talk, // 580, 600, 620
720	11/14	2200		RJR	Innswood	Jamaica	// 700 and 550; 550 was best.
	730	11/15	2200	HJCU	Melodia	Bogota	Colombia very strong
	730	11/15	1930	CMBB	R. Progreso	Nueva Gerona	Cuba Spanish talk, Progreso ID
730	11/14	2000	XEX		Mexico	Mexico	Good with soccer game

20	760	11/14	2015	R. Reloj	Cuba	"RR" in Morse; unsure of outlet
760	11/15	2154	HJAJ	RNC	Barranquilla	Colombia Discussion between two men in Spanish, into Latin music, strong over R Reloj co-channel (which had absolutely terrible modulation), mentions of Colombia and partial ID at top of hour.
780	11/15	2134	YVMN	R Coro	Coro	Venezuela Talk by man in Spanish, "Radio Coro" ID
790	11/15	2018	CMAQ	R. Reloj	Pinar del Rio	Cuba Usual ticks, beep and code "RR" atop a mess
800	11/14	2130	CMDT	R. Progreso	Manzanillo	Cuba Spanish, // 810, 730
810	11/15	2129	HJCY	Caracol	Colombia	Bogota Colombia News and sports, mention Colombia, Bogota. "Radio Caracol" ID. Over WGY on S-BOG
810	11/14	2132	CMDW	R. Progreso	Guantanamo	Cuba Spanish, // 800, 730
830	11/14	2125	CM—	R. Reloj	Cuba	"RR" in Morse; unsure of outlet
840	11/14	2020	4VEH	Cap Haitien	Haiti	Fair with French; caught little other detail, but no other French on channel.
850	11/15	2026	HJKC	Bogota	Colombia	Under/over possible cheater KEYH, Latin music and talk by man in Spanish, mention Cali and many mnt's of Colombia. "Radio Caracol" ID.
850	11/14	2107	CM—	R. Reloj	Nueva Geron	Cuba Ticks, Code 'RR'
860	11/15	2025	CM—	R. Reloj	Baracoa	Cuba Usual ticks, beep and code "RR" atop a mess
890	11/15	2130	CM—	R. Progreso	Chambas	Cuba Spanish talk, slogan
930	11/15	2137	CMJS	R. Reloj	Ciego de Avila	Cuba Ticks, Code 'RR'
940	11/15	2134	CM—	R. Reloj	Cuba	Ticks, Code 'RR'
950	11/14	2135	CM—	R. Reloj	Habana	Cuba Ticks, Code 'RR'
1020	11/15	1910	CM—	R. Reloj	Cuba	"RR" in Morse; unsure of outlet
1030	11/15	1935	CM—	R. Musical	Cuba	Good and // 590.
1060	11/15	2215	XEEP	Radio Educacion	Mexico	w/KYW phased
1180	11/15	2140	CMBA	R. Rebelde	Villa Maria	Cuba Spanish talk, Rebelde ID
1190	11/15	2206	CMGL	R. Sancti Spiritus	Yaguaguay	Cuba Spanish talk, // 1200
1200	11/14	2207	CMGL	R. Sancti Spiritus	Sancti Spiritus	Cuba Spanish talk, // 1190
1540	11/15	1957	ZNS1	Bahamas	Finally heard this, never heard at home QTH. Dance music, female anncr, solid	

What a Time-saver - the County Cross Reference

A complete list of counties, parishes, and similar political divisions in the U. S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Heinen. \$7.50 for members, \$10.95, non-member. Order "CCR" from the NRC Publications center; NY residents, please include sales tax.



Bruce Elving's FM Atlas ...19th Edition

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$18.00 for NRC USA/Canada members, \$22.00 USA/Canada non-members, \$25.00 for all others. NY orders, please add sales tax.

Radio Stations Licensed for Hybrid IBOC Digital Compiled December 11, 2003, from the FCC CBDS

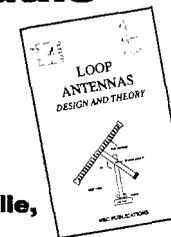
By Bruce Conti

Call	Location	Frequency	WVAZ	Oak Park, IL	102.7
WJLD	Fairfield, AL	1400	WTMX	Skokie, IL	101.9
KNX	Los Angeles, CA	1070	KZIA	Cedar Rapids, IA	102.9
KCBS	San Francisco, CA	740	WASE	Radcliff, KY	103.5
WSBR	Boca Raton, FL	740	WPOC	Baltimore, MD	93.1
WRHB	Kendall, FL	1020	WTKK	Boston, MA	96.9
WQAM	Miami, FL	560	WBOS	Brookline, MA	92.9
WKAT	North Miami, FL	1360	WROR-FM	Framingham, MA	105.7
WHSR	Pompano Beach, FL	980	WQXS	Lawrence, MA	93.7
WWNN	Pompano Beach, FL	1470	WKLB-FM	Lowell, MA	99.5
WJNA	Royal Palm Beach, FL	640	WAAF	Worcester, MA	107.3
WSB	Atlanta, GA	750	WCSX	Birmingham, MI	94.7
WBZ	Boston, MA	1030	WMGC-FM	Detroit, MI	105.1
WWJ	Detroit, MI	950	WDMK	Mount Clemens, MI	102.7
WTWZ	Clinton, MS	1120	WDHA-FM	Dover, NJ	105.5
KFUO	Clayton, MO	850	WMGQ	New Brunswick, NJ	98.3
KXNT	North Las Vegas, NV	840	WNEW	New York, NY	102.7
WWTR	Bridgewater, NJ	1170	WRAL	Raleigh, NC	101.5
WMTR	Morristown, NJ	1250	WGUC	Cincinnati, OH	90.9
WCTC	New Brunswick, NJ	1450	WNWV	Elyria, OH	107.3
WOR	New York, NY	710	WYGY	Lebanon, OH	96.5
WOLF	Syracuse, NY	1490	WMGK	Philadelphia, PA	102.9
WRMR	Cleveland, OH	1420	WMWX	Philadelphia, PA	95.7
WPEN	Philadelphia, PA	950	WXTU	Philadelphia, PA	92.5
WWDB	Philadelphia, PA	860	WIVA-FM	Aguadilla, PR	100.3
KOAL	Price, UT	750	WZAR	Ponce, PR	101.9
WKDL	Alexandria, VA	730	WFID	Rio Piedras, PR	95.7
WTMJ	Milwaukee, WI	620	WPRM-FM	San Juan, PR	98.5
KKBT	Los Angeles, CA	100.3	KBKS	Tacoma, WA	106.1
KPSC	Palm Springs, CA	88.5	WKWS	Charleston, WV	96.1
KROQ-FM	Pasadena, CA	106.7	WVAQ	Morgantown, WV	101.9
KDFC-FM	San Francisco, CA	102.1			
KOIT-FM	San Francisco, CA	96.5			
KZBR	San Francisco, CA	95.7			
KFAC	Santa Barbara, CA	88.7			
WKIS	Boca Raton, FL	99.9	KTNQ	Los Angeles, CA	1020
WRMA	Fort Lauderdale, FL	106.7	WLW	Cincinnati, OH	700
WEDR	Miami, FL	99.1	WSAI	Cincinnati, OH	1530
WUSF	Tampa, FL	89.7	XEN	Mexico City, Mexico	690
WBEZ	Chicago, IL	91.5			
WDRV	Chicago, IL	97.1			
WNUA	Chicago, IL	95.5			
WUSN	Chicago, IL	99.5			

Stations not listed in the FCC database but recently reported testing:

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17th Annual
Winter SWL Fest
Sponsored by **NASWA**

March 12-13, 2004

Best Western—The Inn at Towamencin
(formerly Holiday Inn),

Sumneytown Pike, Kulpsville, Penna.

Plan to attend your favorite forums Friday and Saturday. Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers, bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. **If you wish to participate in the meals, you must register and inform us that you will be attending by Thursday morning, March 11th.** If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Your registration must be received by March 1, 2004 (note the earlier date) for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

GRAND PRIZE To be announced

SPECIAL Register early to win a sw portable! One free entry for an early-bird registration received by February 14, 2004.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Best Western at (215) 368-3800. For 2004, one special rate \$75 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the Winter SWL Fest Web Page at <http://www.swlfest.com/> or from <http://www.anarc.org/naswa/>.

The Best Western—The Inn at Towamencin is located at Exir 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route (I-476)—ask for details. Limo service is available from Phila. Intl Airport directly to the hotel.

Please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST
P.O. Box 4153
Clifton Park, NY 12065

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY: _____ E-MAIL: _____ (REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE

REGISTRATION RECEIVED BY MARCH 1, 2004:	LATE OR ON-SITE REGISTRATION RECEIVED AFTER MARCH 1, 2004:	BANQUET:
<input type="checkbox"/> Full (\$47)	<input type="checkbox"/> Full (\$55)	<input type="checkbox"/> Roast Beef
<input type="checkbox"/> Two-Day Partial (\$17)	<input type="checkbox"/> Two-Day Partial (\$20)	<input type="checkbox"/> Chicken
<input type="checkbox"/> One-Day Partial (\$9)	<input type="checkbox"/> One-Day Partial (\$10)	
<input type="checkbox"/> New! Lunch-only Saturday (\$23)	<input type="checkbox"/> One-Day Partial w/Lunch (\$25)	RAFFLE TICKETS:
<input type="checkbox"/> New! Spouse Lunch-only Sat (\$13)	<input type="checkbox"/> Full Spouse/son/daughter (\$40)	<input type="checkbox"/> raffle tickets, please
<input type="checkbox"/> Full Spouse / etc. (\$32)	<input type="checkbox"/> Banquet only (Spouse) (\$25)	(\$1 ea./ 6 for \$5/ 13 for \$10)
<input type="checkbox"/> Banquet only (Spouse) (\$19)	<input type="checkbox"/> Spouse etc. Lunch-only (\$15)	Registration Fee Enclosed \$ _____
<input type="checkbox"/> Student (\$5)	<input type="checkbox"/> Student (\$5)	Raffle Tickets Fee Enclosed \$ _____
		Total Check/Money Order \$ _____

Registration cancellations after 2/28/2004 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Musings

of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Dave Schmidt NRCMusings@aol.com

P. O. Box 3111

Scranton, PA 18505-0111

Times are local per Muse; submit double-spaced only.

Here is the DIETING EDITION of Musings (see Ray's report below). Help us fatten up the column, send along your report, DX and radio related, and we'll be glad to hear from you! Here we go:

Ray Arruda - 47 Burt Street - Acushnet, MA 02743-1939

Not much MW DXing done here in the past several months, with a 50/50 mix of MW listening and casual operating on the ham bands. We had a very nice Thanksgiving GTG here the weekend before the holiday. There was a light turnout, but very enjoyable. JOHN MALICKY stayed the weekend and on Monday 11/24 we headed to Boston for our Great Radio Adventure! We stopped at several Radio & TV locations in The Brighton Area of Boston, and John took many photographs of the trip. We capped off a busy day by seeing a Celtics game that evening before returning back to "The Lower Deck". We were both pretty tired but had an interesting few days! Also got a chance to have our picture taken with Howie Carr and former Boston Bruin Lyndon Byers who works over at WAAF-FM 107.3, where he has done the morning show for about 5 years. Nothing else notable here, just thought I'd check in as the Musings section of DXN has been pretty slim lately. We had a nice Christmas here, quiet and low key, and wish all of you a very Happy, Healthy and Peaceful New Year. Thanks again to those who made it here for the Thanksgiving GTG; we enjoyed your company! 73

John Bowker - PO Box 5192 - Sun City Center, FL 33571-5192

I recently received an interesting note from my friend and NRC Member Stan Morss who lives just north of Boston. I had mentioned that 1510 in Boston seemed to have a change of call letters every time I turned around. He pointed out that the 1150 dial position in the Bay City has had even more call letter changes over the years. I'm wondering if it maybe holds the record for the greatest number of changes for a frequency in one radio market. Stan says 1150 has had: WCOP, WACQ, WHUE, WSNY, WHUE (again), WMEX, WROR, WNFT, WAMG, WBPS and now WITT. By chance, I know that all of the 1150 transmissions have come from that 3-tower array just off Pleasant Street in East Lexington because I once toured the WCOP facilities there and downtown in Copley Square in the late 1940's. They sure had an extensive studio setup back then. Linda and I visited that transmitter plant this past fall but found no one there who could speak English, just Spanish. I also think they were originating their programs from the transmitter site too. I recall that our Dallas hosts this past Labor Day at the NRC Convention were telling of one of their stations having a large number of call letter changes. Maybe someone else has another contender for most changes at one station?? (John, my candidate is 1590 Chester, PA who started out as WPWA, then to WDRE, WEEZ, WQIQ, WCNZ, WAWA (who was legally told to not use this call by the WAWA FOOD STORE chain!) and now WPWA. If there is one better, let me know and I'll line them up for a rotating letter call letter sign!-DWS)

Dave Schmidt - P O Box 3111 - Scranton, PA 18505-0111

One New Years resolution here is for me to get my R392 back on line. I am also seriously considering making a move to a more quiet location. In my recent travels, in the Carbondale area within the past week, something was noted on 1620 playing oldies/classic rock. A pirate in NE PA? I ran out of time riding the signal, but hope to get one of the field strength meters from work and pick up where I left off. The pirate that was operating on 1610 in Reading has been gone for over a year now, running Spanish programming and ads! Pirates in your area? Send the info along; it'd be interesting to see what's going on in that department these days.

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