

# DX News

Serving DX'ers since 1933



Volume 70, No. 14 - January 13, 2003 (ISSN 0737-1659)

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### CPC Test Calendar

|      |    |      |          |           |
|------|----|------|----------|-----------|
| WBMJ | PR | 1190 | Feb. 1/2 | 2300-0100 |
| WIVV | PR | 1370 | Feb. 1/2 | 2300-0100 |

*From the Publisher ...* The WMRO test scheduled for December 30 was canceled on the day it was to be aired. There's no indication if or when it will be rescheduled.

Issue #13 was not mailed out until well after the usual Friday date of January 3, as the New Year's holiday put a crimp in the printer's schedule, so let's ease off blaming the USPS for the lateness of delivery of at least THIS issue (but then I don't understand why an October 3 issue was returned around January 4, with a hand stamp indicating that the address, which had been used successfully for some two years, was "inadequate").

No AM Switch in this issue, and here's what Jerry Starr has to say about that: "As usually happens this time of the year the FCC folks have been enjoying extended holiday vacations. Since the AM Switch of last week [January 6] they have produced a grand total of ONE item of even slight interest. Therefore there will be NO AM SWITCH THIS WEEK FOR ISSUE #14. If the past is any indication next week will be equally sparse with the New Year Eve/Day holiday in the middle of this week. We will put together whatever we have on hand for Issue #15, but it may be a miniscule one."

Although the Geomagnetic Indices column that we run periodically carries a summary of ionospheric conditions, those who wish up-to-the-minute information may access <<<http://www.nrcdxas.org/weather>>> now for the very latest in WWV reports.

*Is it DX or not?* I've sort of coined the phrase "vanity DX" for those loggings that are repeated week after week, month after month, and the DX column editors and I have asked contributors to be a little more discriminating in their submissions. Feedback I've received from long-time members indicate that they agree that quality loggings, versus quantity, are of more use to them. And yet, the vanity submissions continue. Now, we're not ask-

ing you to go paranoid and keep a long list of what you've sent and comb it carefully before sending in new loggings; we're just asking you to realize that ... well, after the first or second time, it isn't DX, it's more like vanity if the listing doesn't present something new to the readership. So if you get a polite note from one of the editors, please review your submission habits. We know that you may not remember in March if you sent in a listing of a station in October, and frankly, we don't care. But kindly refrain from sending in the same station loggings over and over again, okay?

Bottom line: after the first time, it probably isn't DX. And if you feel differently, submit new information. Make it useful!

### DXN Publishing Schedule, Volume 70

| Iss. | Deadline | Pub. Date | Iss. | Deadline | Pub. Date |
|------|----------|-----------|------|----------|-----------|
| 15.  | Jan 10   | Jan. 20   | 23.  | Mar. 21  | Mar. 31   |
| 16.  | Jan. 17  | Jan. 27   | 24.  | April 4  | April 14  |
| 17.  | Jan. 24  | Feb. 3    | 25.  | April 18 | April 28  |
| 18.  | Jan. 31  | Feb. 10   | 26.  | May 9    | May 19    |
| 19.  | Feb. 7   | Feb. 17   | 27.  | June 6   | June 16   |
| 20.  | Feb. 14  | Feb. 24   | 28.  | July 4   | July 14   |
| 21.  | Feb. 21  | Mar. 3    | 29.  | Aug. 1   | Aug. 11   |
| 22.  | Feb. 28  | Mar. 10   | 30.  | Sept. 5  | Sept. 15  |

### DX Time Machine

#### From the pages of DX News:

50 years ago ... from the January 10, 1953 DXN: The DX'ing brothers, John and Tom Haskett of Cincinnati, OH reported that WWWB-1240 offered a \$25 Defense bond to the most distant listener of their special New Year's Eve request program of recorded music aired 1-1-53, 0410-0500.

25 years ago ... from the January 16, 1978 DXN: Mark Connelly, Arlington, MA; Richard Eckman, Philadelphia, PA; and Harry Jones, Vienna, VA all reported strong signals from 1586-Langenburg, West Germany, in December.

10 years ago ... from the January 18, 1993 DXN: Jerry Starr reported that the Leamington, Ontario replacement station on 96.7 was on the air, meaning that the 710/730 operation of CHYR was likely drawing to a close.

# Domestic DX Digest

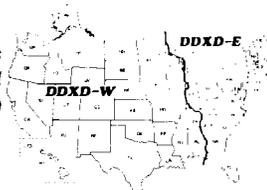
West: Bill Hale w\_r\_hale@sbcglobal.net

6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: Ginnie Lupi ginnie@nrcdxas.org

PO Box 4014 - Clifton Park, NY 12065-0850

(Division line is between East and Central time zones)



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

## DDXD-West

### MEDIUM WAVE RAMBLINGS

- Five years ago this issue in DDXD-West, JJR-WI reported CHAD-800 and CJSS-1220 off the air due to a tower collapsing. Also reported were the first receptions of a few of the new expanded-band stations. It seems like only yesterday!
- It's not too late!!! Our next Challenge deadline is January 17<sup>th</sup>. The Challenge: 1460 kHz. The next week, January 24<sup>th</sup>, the Challenge is for you to try harder on 1550 kHz. And for January 31<sup>st</sup>, the Challenge is . . . ta da . . . 550 kHz. Hopefully, these challenges aren't toooo tough for you guys. :-) As always, we need ideas for Challenges!! Speaking of which . . . thanks to Kevin, Morris, and Patrick for submitting XMAS Challenge loggings!
- A comment or two: "On Monday January 6, the 770 Seattle station will become KTTH. This is not a simple swap of 770 and 1210 call letters and programming. KTTH will be talk; the current KNWX news and business news format on 770 will move to 1210 with these calls. The KBSG format currently on 1210 and 97.3 will now be heard on 97.3 only. Initially KTTH programming will include Michael Medved at noon; other programming elements have not been announced. This info is from Seattle PI business columnist Bill Virgin. Why Seattle needs another talk station I do not know." - Pete Taylor - Tacoma; "On the 17th/18th there were other tantalizing unIDs consistent with stations in the far West. Things like KDUS-1060, KMIK-1580. Unfortunately no IDs." - DS-TN; "This week has seen good DX during the daytime. I'm using a new receiver (tunable demodulator) that is very quiet around a loop, which is unusual. This has let me do some daytime logging that I probably wouldn't have been able to do otherwise." - JTR-OK;
- CUN7.

### REPORTERS

- FA-ID Frank Aden Boise FRG-7 and Drake R8, 4-foot box loop, 110 N-S long wire <N7sok@aol.com>
- RA-NV Rene Auvray Henderson GE P2900A
- SA-MB Shawn M. Axelrod Winnipeg Icom ICR-70 / Drake R8/ Icom R-7000 + 4 Foot unamplified box loop / Quantum Loop; 145' outdoor wire; 100' indoor wire / discone / MFJ 1026 phasing unit <Saxelrod@mb.sympatico.ca>
- BD-WI Bill Dvorak Madison Drake R8B with Quantum Pro Loop antenna <dixerak@aol.com>
- PG-CO Patrick Griffith Westminster Drake R-8 and Kiwa loop <AM-DXER@webtv.net>
- JEL-AR J. E. Lewis (Kansas City, MO) DXING from Fayetteville Sony 2010
- JJR-WI John J. Rieger South Milwaukee Icom IC-R75, Kiwa Loop, MFJ-959B tuner-preamp or GE SRIII, Terk AM1000 loop (for GY loggings) <johnrieger@webtv.net>
- JTR-OK John Reed Shawnee W-J DMS-105R tunable demodulator, modified KIWA MW loop <jreed@alum.mit.edu>
- KR-AZ Kevin Redding Mesa DX-398 barefoot ot with Radio Shack loop <amfmdx@fastq.com>
- DS-TN Doug Smith Pleasant View <w9wi@w9wi.com> ; http://www.w9wi.com
- MS-MB Morris Sorensen Winnipeg DX-392 barefoot <mosor@shaw.ca>
- JW-CO John Wilkins Wheat Ridge Drake R-8, 4-foot loop <peakbagger3@juno.com>
- Ed-TX Editor North Richland Hills DX-398 + Radio Shack Loop

### STATION NEWS & NOTES

- 560 KWTO MO Springfield - 12/25 0915-1030 - Celebration of 69<sup>th</sup> birthday with phone-in program. Current and former staff discussed farm, news, live entertainment programs with listeners profiling how this important station added to quality of life. I phoned them to mention first hearing them enroute from Chicago to Tulsa in the early '60's and commended them on local presence, news, and civic spirit of current service. They mentioned people writing in from as



far away as California when there were less stations on the channel. Anchor for this program was a female substitute, as the regular host was getting his car out of a ditch as a result of a big snowstorm. (JEL-AR) [I love hearing stories like this, and being able to pass them on! - Ed.]

- 850 New BC Abbotsford - 12/20 - According to the CRTC, Aboriginal Voices Radio has applied to the CRTC to amend its proposed new Vancouver FM station by operating it on 92.3 MHz with an ERP of 1200 watts. An additional application has been filed to add an AM transmitter at Abbotsford to operate at 850 kHz with a power of 10,000 watts [The FCC lists this as 'proposed' with U4 10000/10000 as CFSR - Ed.]. (Northwest Broadcasters)
- 1210 KKHI WY Laramie - Is now silent. (DXmidAmerica.com)
- 1400 WEEP MN Virginia - 12/28 - Had a fire at the transmitter and has been silent for about a month. The owner plans to sell the station, not reactivate it. (Upper Midwest Broadcasting)
- 1430 KTBZ OK Tulsa - 12/25 to 12/27 - Noted OFF, possibly due to snowstorm, one of only three producing a white Christmas there in past 30 years. Unable to ID any others in their absence. The new 25 kW doesn't seem to get out much better to north or east. (JEL-AR)
- 1450 WHOH AL Huntsville - 12/26 - Returns to the air as WTKI. (10000watts.com)
- 1580 WTTN WI Watertown - 1/3 1600 - Heard with a new satellite OLD format, ex: NWS/TLK, using the slogan 1580 The Goose. This station had been playing continuous Christmas music through the holidays, suggesting a possible format change. (BD-WI)

### UNIDs and UNID HELP

- 1420 UNID ?? - 12/29 0007 - Tom Martino's Troubleshooter program starting. Suspect KTOE but not enough signal to ID. (PG-CO)
- 1520 UNID ?? - 12/30 1806 - Poor, with promo for AM 1520 and . . . oldies from the 50s, 60s, 70s and 80s. AM 1520 said at least three times in promo. Not KOMA, which uses calls and doesn't play 80s. (JJR-WI)

### XMAS CHALLENGE

- X
- 560 XEGIK CH Monclova - 12/27 0030 - Playing baladas and giving the slogan of La Acerera. (KR-AZ)
- 690 XECS CL Manzanillo - 12/26 0400-0425 - Playing some primo harmonies in romantic ballads, absolutely beautiful music. Gave slogan once as La Grande de Manzanillo. Primera vez. (KR-AZ)
- 760 XEEB SI Ciudad Obregon - 12/27 - Playing baladas and using the slogan La Comadre. Over KFMB. Primera Vez. (KR-AZ)
- 890 KQLX ND Lisbon - 12/27 1357 - Good, with agricultural news, mentions of National Association of Agricultural Broadcasters and Red River Farm Network. American and Canadian grain prices, ID with slogan: Your friend in the field, AM 890 into news. (MS-MB)
- 1300 XEP CH Ciudad Juarez - 12/27 0200 - Huge, with what I would describe as SS romantic music. Frequent Radio Trece slogans between songs. ToH ID was Radio Trece, Chihuahua. (PG-CO)
- M
- 560 KMON MT Great Falls - 12/22 2056 - Fair, with country music, ID as Big Sky Country, KMON, and weather. (MS-MB)
- 960 KMA IA Shenandoah - 12/23 1902 - Fair, with ABC News, Radio Shack ad, and into KMA news and weather. (MS-MB)
- 1070 KHMO MO Hannibal - 12/23 2056 - Fair, with announcement about special holiday programming, Missouri and Illinois mentions, and callsign ID. (MS-MB)
- 1150 XERM BCN Mexicali - 12/26 0510 - With full ID and into Radio Formula programming blowing KAGO away. Listenable due to semi-local KCKY running OC this morning. Primera vez. (KR-AZ)
- A
- 1150 KAGO OR Klamath Falls - 12/26 0505 - With news and into ad for Dr. Laura with calls given in the ad. Semi-local KCKY was running OC this morning. New. (KR-AZ)

1480 KAUS MN Austin - 12/27 0004 - Fair, with CNN News, weather for southern Minnesota and northern Iowa, 1480 KAUS ID and promo for Minnesota Golden Gophers coverage. (MS-MB)

**REGULAR DX LOGGINGS (times in ELT)**

540 CBK SK Watrous - 1/1 0845 - Great SRS opening. *Snap, Crackle and Pop* program with Paul Grant and Roy Forbes on CBC1 network. Nostalgic music by Canadian artists. In tight null of local TIS at DIA airport. Completely gone by 0857 (0657 local). (PG-CO)

580 WTCM MI Traverse City - 1/1 1756 - Poor, over WILL, with morning show promo, calls. (JJR-WI)

580 CKY MB Winnipeg - 12/29 0756 - Poor, with legal ID between ads, and into KY58 jingle and oldies. In with WILL. (JJR-WI)

580 CKPR ON Thunder Bay - 12/28 0534 - Poor, with clear calls and AC/oldies. In with others. (JJR-WI)

640 KFI CA Los Angeles - 12/28 0400 - Best California signal in years. Weird ID too. <sound effect> *Southern California's KFI* <guy in background shouts *Los Angeles!*> *News on the hour, on the half, and when it breaks.* (DS-TN)

640 WGST GA Atlanta - 12/28 0700 - Fair-to-poor, even with WFNC, with WGST, *Atlanta's Station for Talk*, then legal ID. (DS-TN)

640 WGST GA Atlanta - 12/30 0735 - Poor, in WMFN null, with calls said often. Rare! (JJR-WI)

640 WFNC NC Fayetteville - 12/28 0700 - Fair-to-poor, even with WGST with *News Talk Radio WFNC*, then sung call ID, into CBS News. New. (DS-TN)

640 WWLS OK Moore - 12/28 0300 - Poor, mostly under Radio Progreso/Cuba with two quick call IDs. (DS-TN)

640 WCRV TN Collierville - 12/27 1000 - Poor-to-fair, with WSM splash with legal ID with Memphis. (DS-TN)

650 KGAB WY Orchard Valley - 12/27 1430 - Weak daytime DX, with Rush Limbaugh talk show, call ID and news. (JTR-OK)

660 KTNN AZ Window Rock - 12/27 1435 - Daytime DX in phase null of KSKY. *Voice of the Navajo Nation*, KTNN then into Navajo music. First time heard during daytime. (JTR-OK)

730 WSCC SC Charleston - 12/30 0658 - Poor, over others, with Dr. Laura promo and stocks. *News Radio WSC*. NEW! (JJR-WI)

730 WLIL TN Lenoir City - 12/28 0428 - Poor, though clear, with calls and C&W music. 214 Watts! (JJR-WI)

800 CHAB SK Moose Jaw - 12/31 0819 - Fair @ 20/9. Calls, weather, oldies. (JJR-WI)

830 KPLS CA Orange - 12/18 0100 - Usually poor under, but occasionally stronger and sometimes over, WCCO. Mentions of Pepperdine Waves and other Southern California teams, two call IDs. (DS-TN)

830 WCCO MN Minneapolis - 12/31 1330 - Weak daytime logging, with call ID and news from Minnesota. (JTR-OK)

900 WFIA KY Louisville - 12/28 1800 - Poor, in CHML null, with legal ID. Religious format. (JJR-WI)

800 WSHO LA New Orleans - 1/2 1825 - Poor, but alone, with calls and TC into ads. (JJR-WI)

910 WALT MS Meridian - 12/23 0200 - Poor, with *Talk Radio 910* . . . *WALT Meridian*. (DS-TN)

910 WSTK NC Jacksonville - 12/30 1800 - Poor, though clear, with legal ID. ESPN. NEW! (JJR-WI)

910 WAVL PA Apollo - 1/3 0646 - Poor, with The All New Praise 910 with TC, then faded out. (JJR-WI)

910 WJCW TN Johnson City - 12/17 0800 - Poor, with 1320 WKIN <fade> *WJCW Kingsport-Johnson City-Bristol*, into CBS News. New. (DS-TN)

910 WDOR WI Sturgeon Bay - 12/27 1745 - Poor, with sign-off including SSB, in mess. (JJR-WI)

940 WMAC GA Macon - 12/29 0735 - Poor, with others. Promo for bowl games on *Real Talk 940 WMAC*. (JJR-WI)

940 CJGX SK Yorkton - 1/3 0611 - Fair, over others. GX94 and C&W. Nice visitor! (JJR-

WI)

970 WDAY ND Fargo - 12/27 1743 - Poor, with Sean Hannity, calls. Alone and weak. (JJR-WI)

970 WBLF PA Bellefonte - 12/27 0607 - Fair, with ID with WRSC 1390. Alone, rare. Talk. (JJR-WI)

1020 KJJK MN Fergus Falls - 12/27 1717 - Poor 'til fade out. *Oldies 1020*. (JJR-WI)

1020 KINF NM Roswell - 12/25 1050-1020 - With Christmas songs, call ID in between. Fair. (RA-NV)

1070 WDIA TN Memphis - 1/2 1810 - Fair, but faded out while talking about city's tax woes. Calls noted. No WTSO. (JJR-WI)

1100 WWWE GA Hapeville - 1/1 0717 - Very good in WTCM null. *La Fiesta Mexicana* with lively SS. Confirmed at web search. NEW! (JJR-WI)

1110 KSPN CA Los Angeles - 12/25 0945 - Mentioning ESPN switch from 1110 to 710 on January first. Orange and Los Angeles County traffic update. *Mike and Mike Show*. Good. (RA-NV)

1110 WGNZ OH Fairborn - 1/2 0117 - Fair, in KFAB null, with *Good News 1110 WGNZ* with GOS. Good news? It's NEW! (JJR-WI)

1150 WMST KY Mt. Sterling - 1/2 1845 - Poor, with full ID into oldies. Over CKOC. (JJR-WI)

1170 KJJD CO Windsor - 12/28 0820 - Fair signal, with lively Mexican music and ads for the area. Most likely my UNID from last loggings. NEW! (SA-MB)

1170 WFDL WI Waupun - 1/1 0745 - Fair signal, on top briefly, with many local ads for Waupun and surrounding towns. New! (SA-MB)

1200 KFNW ND West Fargo - 12/27 1730 - Fair @ 40/9! Local PSAs, and calls. WLXX wiped out! (JJR-WI)

1240 WTAX IL Springfield - 12/31 1825 - Poor, with calls said often in promo. In mess. (JJR-WI)

1240 WSDR IL Sterling - 12/31 1800 - Poor-to-fair, in fade up, with ID and news. (JJR-WI)

1250 KKHK KS Kansas City - 12/27 0145 - SS talk and music program with studio audience sounds. *KKHK, 12-50 AM, Kansas City, Kansas* in EE at 0207. (PG-CO)

1260 KWYR SD Winner - 12/27 0240 - Country classics format. *From Rock Hill to The Sand Hills, this is local radio for South Dakota and Nebraska, Country 12-60*. (PG-CO)

1270 KPBA AR Pine Bluff - 12/28 0348 - Poor in WKBF null. Legal ID, urban gospel. 31 Watts! NEW! (JJR-WI)

1320 KELO SD Sioux Falls - 12/27 1829 - Poor, though steady and alone with local news. (JJR-WI)

1360 WGFA IL Watseka - 12/30 0753 - Poor, with WGEE nulled. Local ads and NOS. (JJR-WI)

1360 WKMI MI Kalamazoo - 12/30 0804 - Poor, with local news by female. Despite being across the lake, it's rare! (JJR-WI)

1420 KJCK KS Junction City - 12/29 0033 - Weak, with soft C&W oldies and frequent 1420 *Country*, KJCK IDs. (PG-CO)

1440 KPUR TX Amarillo - 12/26 2230 - With car dealership ad and into Bobby ??? Show on ESPN. Had a terrible 1 kHz het! (KR-AZ)

1450 WKEI IL Kewanee - 1/1 0700 - Poor, though clear ID into news. In mess. (JJR-WI)

1450 WKLA MI Ludington - 12/28 0400 - Poor, with legal ID // 1340 WMTE, in mess. (JJR-WI)

1450 KRZY NM Albuquerque - 12/31 0809 - Nice SS ID sandwiched between accordion selections: *KRZY, Albuquerque, Nuevo Mexico, Catorce Cincuenta AM* . . . *con la nostalgia de mi tierra*. Soon faded. No sign of SSB KGRE just up the pike. (JW-CO)

1450 CHUC ON Cobourg - 12/28 1823 - Poor, but on top of frequency, with calls and soft AC. (JJR-WI)

1460 CJOY ON Guelph - 12/23 1956 - Fair, with oldies, CJOY ID jingle sung out. Not that common here. (MS-MB)

1480 KYOS CA Merced - 12/29 0530 - Coast to Coast w/ Barbara Simpson. *News Talk 1480 KYOS* ID at BoH then into a string of promos for various programs during the week. (PG-CO)

1480 KYOS CA Merced - 12/31 0958 - ID as *News Talk 1480 KYOS* followed by a short *Focus on the Family* feature. Fair. (JW-CO)

1480 KQAM KS Wichita - 12/29 2129 - Good signal for a while with typical Radio Disney

- 1480 KHCK TX program and AM 14-80 slogans. Actual call not heard. (PG-CO)  
Dallas - 12/29 2352 - SS Tejano music then (unintelligible) . . . on Kick FM in EE. (PG-CO)
- 1490 WMPX MI Midland - 12/30 0623 - Poor, with calls in fade up. (JJR-WI)
- 1500 KMXO TX Merkel - 12/29 0759 - REL programming; EE/SS legal ID at 0800:50 by sloow-talking guy: KMXO AM 1500 on your radio, the Christian Radio, broadcasting the gospel with the power of Jesus Christ from Merkel-Abilene, then SS version of same. After a short fade, noted with EE REL comments at 0803, then faded out for good. Poor in KSTP null. (JW-CO)
- 1540 WSMI IL Litchfield - 1/1 1743 - Poor, in KXEL null, with sign-off: . . . tune to FM106 . . . and no SSB. C&W. Rare! (JJR-WI)
- 1570 KSXT CO Loveland - 12/29 0700 - Religious music followed by religious poem. Then You're tuned to 1570 AM, KSXT, Loveland at ToH. This is semi-local to me, but first log of this call (ex: KHPN) by me. On 18 Watt night power fighting it out with ESPN station. (PG-CO)
- 1570 WGSR FL Fernandina Beach - 1/2 1742 - Poor, with long listing on how to get PSAs on WGSR, including address, phone and fax ("no collect calls!"). Rejoice 1570 AM WGSR over others. (JJR-WI)
- 1570 WILO IN Frankfort - 12/30 1542 - Poor, but on top, with calls, promo and a live jock! (Not satellite!) NOS. Rare! (JJR-WI)
- 1570 KVTK SD Vermillion - 12/29 0700 - I had been listening to ESPN station fighting with KSXT for almost an hour. Coming out from under the end of the KSXT ID I heard partial ID: . . . radio station from Culhane Communications Incorporated. Culhane is listed as the owner of KVTK. Listed as 71 watts. (PG-CO)
- 1580 WWSJ MI St. Johns - 12/30 1537 - Poor, in mess, with calls that popped through. (JJR-WI)
- 1580 WLJ TN Shelbyville - 1/2 1745 - Poor, yet clear, with Trading Post program over others. (JJR-WI)
- 1590 WAIK IL Galesburg - 12/30 0743 - Poor, in fade up, with death notices, local mentions. No WAKR-WONX. Rare! (JJR-WI)
- 1590 WPVL WI Platteville - 12/30 0741 - Poor, with contest, calls, and oldies. Rare! (JJR-WI)
- 1680 KAVT CA Fresno - 12/29 0030 - Dominant 1690 station here with Radio Disney; never hear an actual ID. I wonder just whose kids are supposed to be up at this hour listening to this! (FA-ID)
- 1690 KSXX CA Roseville - 12/28 2100 - In SS, with ID mentioning several cities in the Bay Area and Sacramento, into religious program. Strong most of the time, with some periods of deep fades. (FA-ID)
- 1690 KDDZ CO Arvada - 12/28 1815 - Poor in WPTX null. Unusual to hear at all. Disney programming. (JJR-WI)

**GRAVEYARD DX UPDATE**

None this week, but remember all the GY DX records are on line at: [www.angelfire.com/tx2/phantom2/index.html](http://www.angelfire.com/tx2/phantom2/index.html) and maybe a pattern plot or two :-)

**DDXD-E**

Many thanks to everyone who reported during this holiday season! Our weekly frequency challenge continues, with the results of the 560 kHz challenge reported in this issue. Upcoming listening dates for the challenge are as follows: 1330 kHz – January 8-15; 1600 kHz – January 15-22; 570 kHz – January 22-29; 1280 kHz – January 29-February 5; 910 kHz – February 5-12. Go get 'em!

REPORTERS

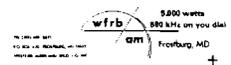
- PLB-MI Phil Boersma, Spring Lake – GE Superadio III.
- MKB-ON Mike Brooker, Toronto - Panasonics RF-2200; RFB-45.
- SC-IN Steve Chappell, McCordsville - Bearcat DX-1000; 3 terminated loops.
- BC-NH Bruce Conti, Nashua - R8B, MWDX-5, 50/75/50-ft east/west Double-Ewe antenna.
- RJE-PA Russ Edmunds, Blue Bell - Hammarlund HQ-150 w/ 4' amplified air core loop.
- RJE\*PA Russ Edmunds, Blue Bell - Car radio & whip.

| <b>DDXD-E</b>              |                  |
|----------------------------|------------------|
| <b>Frequency Challenge</b> |                  |
| <u>Deadline</u> .....      | <u>Frequency</u> |
| January 15 .....           | 1330             |
| January 22 .....           | 1600             |
| January 29 .....           | 570              |
| February 5 .....           | 1280             |
| February 12 .....          | 910              |

- JF-ON Jeff Falconer, Clinton - AOR AR7030+, pair of 130' EWE antennas, MFJ-1026 phase box, etc.
- RWK-CT Rick Kenneally, Wilton - Drake R8B, Sony 2010, Quantum Phaser & QX Loop, lots of wire.
- DL-MD Dave Larrabee, Columbia - Icom 8500 on random wire or loop.
- DL\*MD Dave Larrabee, Columbia - TenTec RX340 on a long wire operating unattended gathering 4-minute audio samples at the top of the hour.
- JRM-PA John R. Malicky, Pittsburgh – Superadio III and 1990 Delco C-Quam car radio.
- RR-NC Rick Robinson, Hendersonville – Sony 7600GR, Radio Shack loop and Radio Plus Q-Stick, National NC-183D and 500' E-W long wire.
- BT-NB Brent Taylor, Doaktown - Kenwood TS-680S & top fed NNW sloper + G5RV dipole.
- DT-JM Don Trelford, Jamaica - Kenwood R 2000, long wire NS-EW.
- FV-OH Fred Vobbe, Lima – Car radio.
- PEW-SC Powell E. Way, West Columbia - Hammarlund HQ-180A.
- NJW-ON Niel Wolfish, Toronto, Ontario - SONY ICF-2010 and Quantum Loop antenna.

WEEKLY FREQUENCY CHALLENGE – 560kHz

- 560 WOOF AL Dothan – 12/25 2344 - Local Dothan ads, mention of Auburn University network “AM 5-60 The Ball WOOF” ID. Format noted as changing to gospel on weekends. (RR-NC)
- WQAM FL Miami – 12/24 0847 – Sports talk show mentioning Miami Dolphins on “Sports Radio 5-60 WQAM.” (RR-NC)  
+ 12/25 0200 - In mush with ESPN break, mentions of Miami/Ft. Lauderdale and www.wqam.com, then back to Sportcenter. (RWK-CT)  
+ 12/27 1915 - Poor; Florida Panthers vs. Dallas Stars hockey, local ads including Ft. Lauderdale and South Florida mentions, heard through WFIL and WHY. (BC-NH)  
+ 12/29 0300 – “WQAM Miami and WQAM dot com.” “You are listening to Sports Center.” Weak, but mostly in the clear, with little co-channel interference. (DL\*MD)
- WMIK KY Middlesboro – 12/27 0718 – Gospel music, male announcer “more great gospel on the WMIK Morning Show.” (RR-NC)
- WGAN ME Portland - 12/25 0600 - Ad for “Identity Guard”, recorded ID “News updates 24/7... Newsradio 5-60 WGAN, Portland” then CBS News. (RWK-CT)  
+ 12/26 0400 - Fair; Coast-to-Coast AM, “Breaking news immediately, Newsradio 560 WGAN Portland” into CBS news. (BC-NH)
- WFRB MD Frostburg - 12/26 0630 - Fair; nostalgia, WTBO ID, local news, “Frostburg Cumberland weather on WTBO” jingle into the Weather Channel forecast, over WHY. (BC-NH)  
+ 12/28 0830 – “AM five sixty, AM fourteen fifty WTBO” at 0900: “WFRB Frostburg” under a religious station. In watching this station it appears that simulcasting with WTBO is occasional. (DL-MD)
- WHYN MA Springfield – 12/26 0534 - Good; Coast-to-Coast AM, at 0600 “WHYN News/Talk 560” into local news and the Weather Channel forecast, interrupted by EAS digital bursts and a NOAA weather alert for blowing and drifting snow. (BC-NH)  
+ 12/29 1600 - Monster signal with Party Warehouse ad, “The station that keeps you informed in your car, WHYN Springfield... A Clear Channel Station”, ABC News. Dominant station on frequency. (RWK-CT)
- WCKL NY Catskill - 12/24 0800 - End of Beach Boys “Little Saint Nick”, WCKL song ID, CNN News. Mixing with someone playing Mainheim Steamroller (assumed CFOS). (RWK-CT)
- WFIL PA Philadelphia - 12/25 0700 - Mostly buried under WHYN with religious program, ID: “Philadelphia’s Christian talk station”, time check. (RWK-CT)  
+ 12/27 1805 - Poor but improving signal; “560 WFIL” IDs into The Bible Answerman live from California, in a tight WHYN/WGAN null. (BC-NH)  
+ 12/28 0930 – As if on cue at a lull in WFRB’s louder program: “This is five sixty WFIL, Philadelphia’s Christian...” (DL\*MD)
- WVOC SC Columbia – 12/25 2317 – Call-in talk show discussing myths of the media. “on WVOC”. Heard day and night. (RR-NC)  
+ 12/27 0616 – alone on frequency with “News radio 560 WVOC”, depend on



- it" slogan, into sports. QSLed as WIS in 1976. (MKB-ON)  
 + 12/31-0000 - ID @ TOH and into news. 5 miles from me. (PEW-SC)  
 WNSR TN Nashville - 12/27 2043 - "The Sporting News on Sports 56 WNSR." (RR-NC)  
 CFOS ON Owens Sound - 12/25 0300 - Excellent with holiday music program "A Classic Christmas" featuring a brief history of the Yule log, spot for CFOS classifieds, PSAs, CFOS satellite weather and ID. (RWK-CT)  
 + 12/26 0320 - Fair; ESPN SportsCenter, then "News/Talk 560 CFOS" local news update, over WHYN, later at 0650 nostalgia, "560 CFOS" and temperature in downtown Owen Sound. 12/30 1645 - Good; promos for the CFOS Music Machine and "560 CFOS, Mix 106, Country 93 Bridal Show," over WFRB and WHYN. (BC-NH)

**WFIL** **AM560**  
*Philadelphia's Christian Talk*

#### STATION NEWS

- 1410 WNWZ MI Grand Rapids - 12/30 0058 - Announcement aired on co-owned WFGF-FM stated that WNWZ will become all-SS "in January" with slogan "La Machina Musical". Dropping weekday EE talk shows. Had been SS only on weekends. (PLB-MI)  
 1420 WCLV OH Cleveland - per President Conrad, will change call to WRMR as of first of the new year. (JRM-PA)  
 1550 WURP PA Braddock - Currently testing with pop/new music, after 9-month absence. "Listen for the new sound of WURP 1550 Braddock-Pittsburgh." (JRM-PA)

#### DX TESTS

- 1450 WILM DE Wilmington - 12/15 0120 - up through din with code IDs and siren tone. Verified in 1997. (JRM-PA)  
 1560 WMRO TN Gallatin - 12/30 0100 - Not heard, only WQEW/WPAD here. (JF-ON)  
 + 12/30 0100 - Not heard, only assumed Radio Bleu (Nice, France) and UNID SS (see IDXD). (DT-JM)

#### UNID OR PRESUMED

- 1200 WAGEp VA Leesburg - 12/30 1930 - Binghamton vs. George Washington University basketball game, fighting it out with usual pests WCHB and CFGO. Presumed on GWU network. (MKB-ON)  
 1240 UNID - - - - 1/2 0640 - Pat Boone song, followed by Leslie Gore "You Don't Own Me" way down in the jumble. Not usual here. (FV-OH)  
 1380 WLXEp NY New York - 12/27 1851 - good at times mixing with CKPC/CKLC with tropical SS music and ads in SS mentioning NY and NJ. No ID heard, would be ex WBNK/WKDM for me. (JF-ON)  
 1470 KUOLp TX San Angelo - 12/24 2155 - Religious talk, music in SS. (DT-JM)  
 1520 KYNDp TX Cypress - 12/18 2109 - Religious talk, music in SS, poor under WWKB. (DT-JM)  
 1590 WKTPp TN Jonesborough - 12/26 0640 - Segued Christmas Music, as noted also by DB-DE. (RJE\*PA)  
 1640 WKSHp WI Sussex - 1/1 2202 - With "Radio Disney" ID just after the top of the hour, and // 1560 & 1650. NONNK's web page lists only two Disney stations on this frequency, and the other is KPBC in Oregon. (BT-NB)

#### STATION LOGGINGS

- 540 CBT NL Grand Falls - 1/1 2127 - CBC Radio One feature interview about opera. // 750 with far better than average signals on both frequencies. (BT-NB)  
 550 CHLN QC Trois Rivières - 1/1 2115 - Out of set of traditional Quebec music and into a sports and news update read by Philippe Germain from RadioMédia studios in Montreal, promising details at 2145. Then back into "Soirée Québécoise". // 730, 1150 and 610. New. (BT-NB)  
 570 WKBN OH Youngstown - 12/30 0400 - "News Radio five seventy, WKBN..." in heavy co-channel noise. (DL\*MD)  
 610 WTFX VA Winchester - 12/21 0559 - "Sports Network... six ten WTFX Winchester." (DL\*MD)  
 CKTB ON St. Catharines - 12/21 0600 - "...Newstalk six-ten CKTB, the Voice of Niagara, for news weather, and traffic, newstalk six ten CKTB" into news on the hour.

- (DL\*MD)  
 650 WSRO MA Ashland - 12/30 1357 - "J-Light Radio 650 Today's Praise would like to thank you for joining us. J-Light Radio is blessed to continue its ongoing mission of bringing quality Christian programming to the Metrowest and Boston regions. J-Light Radio 650 is a programming service of J-Light Radio Incorporated and includes great praise and worship music, local ministry events... from early morning until 2 p.m. everyday Monday through Friday, and from 1 to 4 on Saturdays. Coming up next on AM 650, local talk programs," and ID, "Today's Praise is J-Light Radio 650 WSRO Ashland-Boston. WAZN Marlboro, AM 650 WSRO Ashland," into USA news. Ex-WJLT, thanks to Scott Fybush for the tip. (BC-NH)  
 CKGA NF Gander - 1/1 2111 - Commercial break followed by "VOCM 20/20 Weather" for all regions of Newfoundland and Labrador; then into Shania Twain song at 2113. Strongest ever heard here. Exceptional signals from the north this evening. Flux/A/K was 115/8/2. (BT-NB)  
 690 WJOX AL Birmingham - 12/11 1731 - strong with ads and sports talk on "The Jox" and "690 WJOX". Cut at 1742. (JRM-PA)  
 WZAP VA Bristol - 12/20 1700 - "WZAP Bristol Virginia" followed by 'USA' News. (DL\*MD)  
 850 WDJC AL Birmingham - 12/29 1650 - Program of preaching, then choral music, sponsorship announcement for the Sandy Hill Bible Church of Auburn, then complete ID. Appears to be my prior UNID. (RJE-PA)  
 WDJC FL West Palm Beach - 12/31 0630 - ID, into CNN news, then local news, then another ID. (RJE\*PA)  
 KOA CO Denver - 1/2 0640 - Music by Lemon Pipers (Green Tamb), and announcer with many mentions of "KOA". Surprised me as KOA was very strong. (FV-OH)  
 860 WOAY WV Oak Hill - 12/23 1700 - Temperature and ID atop the mess. (RJE-PA)  
 WAMO PA Mill Hall - 12/23 1703 - "Pittsburgh's Adult Station, WAMO 860" into music. (RJE-PA)  
 910 WTSK NC Jacksonville - 12/31 0450 - dominating the frequency with ESPN Radio stuff. Top of the hour ID as "WTSK Camp Lejeune-Jacksonville". (NJW-ON)  
 WAVL PA Apollo - 1/1 0130 - "Praise 910" on top with inspirational music. Not usually heard past sunset, which leads me to believe they were "cheating" on day power/pattern. Mixing with WSBA. (NJW-ON)  
 920 WOKY WI Milwaukee - 12/28 1654 - creaming CKNX with promo for am920wok.com web site, contest to win tickets to see *Lord of the Rings*. (MKB-ON)  
 940 WKGM VA Smithfield - 12/28 1630 - alone on east wire with end of "Faith Evangelical Broadcast", ID "We are 'The Ministry Station', AM 940, WKGM" into another REL program. (JF-ON)  
 960 WERC AL Birmingham - 12/30 0605 - over usual pest CFFX with ABC news, ID as "good morning, it's 5:05 on news radio 960 WERC" into local news read by woman, lead item was that Christmas retail sales in Alabama were the worst in 30 years. (MKB-ON)  
 1180 WBLZ TN Knoxville - 11/26 1700 - good with legal ID "WBLZ 1180 AM, Knoxville's ESPN". AP news. Ex-WHJM. (JRM-PA)  
 1190 WGKA GA Atlanta - 11/26 1650 - fair with "...WGKA bumper stickers." Gospel music, weather, on "the mighty 1190 solid gospel WGKA." New! (JRM-PA)  
 WBSL MS Bay St. Louis - 11/27 1759 - good with blues music, legal ID, talk and local ads. New! (JRM-PA)  
 1200 WSML NC Graham - 11/26 1711 - fair with ads and "exclusive WSJS forecast", relaying WSJS-600. New! (JRM-PA)  
 WQLS AL Ozark - 12/2 1800 - good with QRM. Signing off "join us at 6 AM on America's favorite gospel station, AM 1200." New! (JRM-PA)  
 WXIT NC Blowing Rock - 12/11 1707 - just caught sign off: "... tune to WECR-FM... good night and God bless." New! (JRM-PA)  
 WCHB MI Taylor - 12/16 1744 - "listen to the new sound of WCHB." New! (JRM-PA)  
 1340 WPNT PA Connellsville - 12/26 1700 - caught top of hour ID through graveyard mash: "...serving the community for 55 years, your information station, WPNT". (MKB-ON)  
 1360 WYOS NY Binghamton - 12/27 1649 - faded up over mess with ID "News Radio 1290,

- WNBK and Talk Radio 1360, WYOS, Binghamton", into Doctor Laura. Ex WBNK/WKOP for me. (JF-ON)
- 1420 WIMS IN Michigan City - 12/19 0100 - good with ID, over WCLV. "You're listening to WIMS 1420 Michigan City, Chestertown, Valparaiso." Then news and Jim Bohannon. Visited this station in 1988! (JRM-PA)
- 1440 WKLV VA Blackstone - 12/30 1647 - good with VA Network News, ESPN stuff, ID at top of hour informative radio 1440, WKLV, Blackstone", more ESPN stuff. (JF-ON)
- WFNY NY Gloversville - 12/31 1950 - ID and oldie by Edwin Starr. Mixing with WMKM. (NJW-ON)
- 1530 WVBF MA Middleborough - 12/27 1700 - Ending long talk about China, then full multi-station ID. New and long-sought. Too strong to possibly be 2-watt night power. Likely this has an unpublished PSSA. (RJE-PA)
- WDJZ CT Bridgeport - 12/27 1700 - English and Spanish IDs under WVBF. (RJE-PA)
- 1550 WLOR AL Huntsville - 12/30 0819 - Out of weather forecast: "I'm Ed Gain (?) for Jammin' 1550 WLOR." (SC-IN)
- 1570 WSSA GA Morrow - 12/29 1800 - only caught weak ID way down in mess "Gospel 1570, WSSA, Morrow, Georgia". (JF-ON)
- WYTI NC Rocky Mount - 12/29 1802 - fair with GOS music, call ID, into local obituaries starting with an ad for a local funeral home. Doesn't hurt to advertise I guess, hi. (JF-ON)
- WNST MD Towson - 12/30 1627 - alone with ID "Baltimore's sports voice, AM 1570, WNST", ad for First Mariner Bank. (JF-ON)
- 1590 WARV RI Warwick - 12/26 0758 - over WAKR with promo for *Songtime USA* program "on your station for the family, WARV". QSLed on CPC test in 1991. (MKB-ON)
- WTVB MI Coldwater - 12/26 0859 - virtually alone on frequency with *Fool on the Hill* by the Beatles, top of hour ID: "your station for news, AM 1590 WTVB Coldwater", into local news sponsored by Harmon's Insurance. (MKB-ON)
- WZUM PA Carnegie - 12/27 0630 - ID into news briefly atop WAKR/WPWA. (RJE\*PA)
- WJRO MD Glen Burnie - 12/27 0635 - Promo for a program to be held at University of Maryland. (RJE\*PA)
- 1600 WWRL NY New York - 12/26 1359 - 'Tis the season for daytime DX with ad for Kings County Health Center, top of hour ID: "you're listening to 1600 WWRL" into *Donegan Nutrition Hour* infomercial. (MKB-ON)
- WZZW WV Milton - 12/29 0703 - Very weak: "Joy Radio WTCR Kenova and WZZW Milton." (SC-IN)
- WTZQ NC Hendersonville - 12/29 0715 - Very weak with ads mentioning Hendersonville. (SC-IN)
- WXMY VA Saltville - 12/29 0747 - Weak: "AM WXMY" into country song. (SC-IN)
- WAOS GA Austell - 12/29 0800 - "This is WAOS Austell, WXEM Buford and WLBA Gainesville, Georgia - *La Favorita Radio Network*." (SC-IN)
- 1670 WTDY WI Madison - 12/22 1700 - "The Big One is Talk Radio sixteen seventy, WTDY Madison" followed by CNN Radio News. (DL\*MD)
- 1690 WPTX MD Lexington Park - 1/1 2140 - Audio portion of TV newscast. Sports by Tara Henderson at 2143, and throws to two or three other readers with two ad breaks, totally national buys, and no local information at all. Finally, full legal ID just before 2200. New in log here, but I'm sure I've given up on IDs a few times before. (BT-NB)

## NON-ARCANE ABBREVIATIONS USED IN DDXD

//:parallel to :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band C&W:country & western CCR:contemporary Christian radio CHR:contemporary hit radio CID:code ID CL:call letter EZL:easy listening EE:English FF:French GOS:gospel LSR:local sunrise LSS:local sunset NFL:National Football League NBA:National Basketball Association NHL:National Hockey League NPR:National Public Radio OC:open carrier PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference (power lines, etc) QRN:natural interference (lightning, etc) QTH:location PRI:Public Radio International REL:religious ROK:rock 'n' roll RS:regular schedule S:stereo SID:singing ID SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UC:urban contemporary UPI:United Press International VID:voice ID

# International DX Digest

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

- Transatlantic DX
- 162 FRANCE *France Inter*, Allouis DEC 24 2102-2106 - Fair with news in French parallel to 1375 kHz. Reception was several minutes before local sunset. + DEC 28 0354-0402 - Strong with a man in French and French pop vocals parallel to 1375 kHz. Time pips at top of hour. [DeLorenzo-MA]
- 171 MOROCCO *R.Mediterranee Internationale*, Nador DEC 24 2108-2116 - Fair with reggae music and male DJ in French. [DeLorenzo-MA]
- 183 GERMANY *Europe Number 1*, Felsberg DEC 24 2133 - Good with discussion between two men in French. + DEC 28 0403-0409 - Good with French tele-talk. [DeLorenzo-MA]
- 189 ICELAND *Ríkisútvarpid*, Gufuskálar DEC 24 2136-2139 - Good with Christmas Eve hymn and woman in Icelandic. [DeLorenzo-MA]
- 216 FRANCE *R.Monte Carlo*, Roumoules DEC 28 0412-0417 - Good with French tele-talk. Some interference from aerobeacon CLB. [DeLorenzo-MA]
- 234 LUXEMBOURG *RTL Beidweiler* DEC 28 0418-0427 - Fair with male DJ in French and pop/rock tunes including cover version of Dionne Warwick's "I Say A Little Prayer." Very lively format. [DeLorenzo-MA]
- 945 FRANCE *France Info*, Toulouse DEC 28 0333-0336 - Fair with a man in French. [DeLorenzo-MA]
- 1467 FRANCE *TransWorld Radio*, Roumoules DEC 21 2206-2223 - Fair with Christian program in English translated after each phrase into unknown language (Mandarin?). [DeLorenzo-MA]
- 1521 SAUDI ARABIA *BSKSA* Daba DEC 21 2141 - Loud and clear with Middle Eastern music - Arabic vocal with strings - parallel to 9555 and 9870 kHz. [DeLorenzo-MA]
- 1557 FRANCE *France Bleu*, Nice DEC 30 0100 - Came blasting in after unID Spanish signed off (see Pan American), mostly old orchestra, instrumental numbers with a woman announcer after most numbers, sounded like French, but muffled (not Hatien or Quebecois French), interference (slight) from an unID Spanish. Trying for WMRO. [Trelford-JMC]
- 1584 CEUTA *RadiOlé* DEC 21 2155-2201 - Tentative; fair with Spanish folk music, at 2200 six time pips, brief Spanish guitar music, announcements by man and woman in Spanish, possible jingle. Not quite readable enough for positive ID. [DeLorenzo-MA]

## Pan-American DX

- 560 MEXICO XEGIK Monclova, Chihuahua DEC 27 0030 - Playing baladas and giving the slogan of *La Acerera*. [Redding-AZ]
- 590 MEXICO XEFD Reynosa, TAMA DEC 28 1247 - Finally ID'ed this mystery station I've been hearing lately. Talk show, local I think, in progress, CST time checks and temperature checks in F and C. Reynosa and Rio Bravo spots at 1300, then two minutes of apparent news with a man and woman. At 1303, call ID, "La Consentida" slogan, then "Informativo Policiaco," which I assume was a police report. Didn't copy much after that. Fair on peaks over KCSJ. [Wilkins-CO]
- 760 MEXICO XEEB Ciudad Obregón, Sinaloa DEC 27 0030 - Playing baladas and using the slogan "La Comadre." Over KFMB. Primera vez. [Redding-AZ]
- 860 MEXICO XEZOL Cd. Juarez, CHIH DEC 28 1337 - Presumed with talk on traffic problems in the area. MST time check and "Ocho Sesenta AM" slogan. [Wilkins-CO]
- 990 MEXICO XET Monterrey, NL DEC 29 0136 - Noted with "La T Grande" slogan and call ID in null of local KRKS. Mixing with XEER. [Wilkins-CO]
- 990 MEXICO XEER Cd. Cuauhtémoc, CHIH DEC 29 0154 - Wolf howls, area ads, "Radio Lobo" slogans. Think I heard a call ID, as well. Mixing with XET. [Wilkins-CO]
- 1000 MEXICO XEMMS Mazatlán, Sinaloa DEC 30 0425 - Was listening to KOMO and this came up and over with ID and slogan *La Comadre* then began playing recodo banda. It seems that banda has been the hot music in Northern Mexico for the year. Primera vez. [Redding-AZ]
- 1050 MEXICO XED Mexicali, BCN DEC 29 1401 - Man commenting on approaching year-end; then a variety of music and PSA's about sexual abuse and agrarian reform. Noted slogans "La Gran D de Mexicali" and "La embajadora musical de México." Interference-free and nearly fade-free for almost 15 minutes. [Wilkins-CO]
- 1120 MEXICO XEPOP Puebla, PUE DEC 29 0105 - Possible legal ID at 0105, with mentions of "mil watts" and a partially-readable address which agrees with XEPOP's. Then, a tropical

version of "Tea for Two" and a possible "La Preciosa" slogan. Generally poor in null of KMOX. [Wilkins-CO]

- 1130 **VENEZUELA** *R.Ideal*, Maiquetía DEC 28 0353 - Good; talk in Spanish, clear Radio Ideal jingle slicing through nulled WBBR and unID sports talk (likely WDFN). [Conti-NH]
- 1300 **MEXICO** XEP Cd. Juarez, CHIH DEC 27 0800 - Huge with what I would describe as Spanish romantic music. Frequent *Radio Trece* slogans between songs. Top-of-hour was "Radio Trece, Chihuahua." [Griffith-CO]
- 1450 **MEXICO** XECU Los Mochis, Sinaloa DEC 27 0200 - With ID and playing ranchera. No slogan given while I could hear them. They must have had an antenna / power switch because the signal was like it just fell off the edge of a table. These guys were loud. This is the first Mexican I have ever heard on a graveyard frequency. Primera vez. [Redding-AZ]
- 1560 unID DEC 30 0048 - Tropical Spanish music. ID sounded like "Radio Puente," signed off at 0100, but not Cuban anthem. Can't find anything like that in my old WRTH. (New WRTH not available here.) [Trelford-JMC]
- 1560 unID DEC 30 0100 - Sounded like 'Radio Charisma' tropical music under *France Bleu*, very poor. [Trelford-JMC]
- 1580 **VENEZUELA** YVTK Cumaná DEC 15 2117 - Sounded like religious talk and choir. ID as "Radio Manzaneres," poor, interference unID. [Trelford-JMC]

*Kevin speaks:* Conditions have been misery the last few weeks. I am ready to have the sunspots end so I can hear something from Canada and some English on the radio. Until you all come down to the southwest, you have no idea how much Spanish is on the radio.

#### More Zephyrs from Zecchino (Dec 30)

A fine repast was enjoyed by a most eclectic concatenation of electrophiles aboard an elegant ocean liner. Due to security concerns, Mr. Kobayashi sent a Mr. Kint as his personal representative. It was discovered that 1572 is the spot on the dial for Cuba's beloved *R.Encyclopedia*, bearings fix west of Holguín, possibly Las Tunas. *Encyclopedia* is thankfully back on the air on 1270 from Torriente, whilst Ciego de Avila is the home of this most tranquil music staple on 1560. The jammer is faithfully still on 820 from a point east of Holguín. Mr. McManus will understandably deny such, but his family is believed to own substantial landholdings in that area which reportedly bloom with MW curtain arrays. *Progreso* on 660 from Santa Clara and 690 from Jovellanos are both back with vigor, as is *Progreso* on 890 from Santa Clara.

In the waters to the northeast of the Oriente one hears with clarity unexpected the dulcet tones yet again of *R.Encyclopedia* as it triumphantly trounces *RJR*, on 1050 *R.Victoria* sits below 1060 and 1070, where one hears *R.Trinchera Antimperialista* and its message of truth, freedom, hope. Be sure to tune in 1150 when close to the Granma Province to enjoy *R.Entronque Bucyito*.

Nothing tops the thunderous preaching heard in the past on WIBS, *R.Caribe*, QTH Guyama, Puerto Rico replete with earthquakes for percussion, multilingual orator who renders Demosthenes as inarticulate.

Of course, Mr. Hockney had no way of knowing that *Reloj* is ever strong on 1010 from Jobabo, Las Tunas. Lest one forget, Haiti on 840, fresh, exciting, in Creole.

- Paul Vincent Zecchino, Englewood FL. <Millspec390@aol.com>

#### Los Contribuyentes

- Bruce Conti, Nashua NH; R8B, MWDX-5, Double-Ewe antenna.  
 Marc DeLorenzo, Marstons Mills MA; JRC NRD-525, noise-reduced slopers, Mini DXP-3 phasing unit.  
 <MarstonsMarc@aol.com>  
 Patrick Griffith, Westminster CO; Drake R-8 and Kiwa loop. <AM-DXer@webtv.net>  
 Kevin Redding, Mesa AZ; Sony ICF-2010, CCRadio, Chrysler RAZ radio in a 1999 Intrepid.  
 <amfmdx@fastq.com>  
 Don Trelford, Runaway Bay, Jamaica; Kenwood R2000, long wire NS-EW. <dondorvilla@angel.com>  
 John Wilkins, Wheat Ridge CO; Drake R-8, 4-ft box loop. <peakbagger3@juno.com>

#### International News

MEXICO: 540 XESURF is off the air. Got a nice clear ID from "XEHS, 540 AM, La Norteña, Radio Sistema del Noroeste." They gave their phone number several times as 817-0540 and referred to their website (www.radiosistema.com.mx) which unfortunately is badly out of date and still under construction. I can't find anything on the Internet to corroborate this (SCT, CIRT, etc.) but if you live in the southwest, they're coming in now. [Tim Hall, JAN 1 *Corazón DX*]



# Formats

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## Changes in programming status; reported by listeners

| Freq | Call | Location                | New Format      | Source   |
|------|------|-------------------------|-----------------|----------|
| 530  | CIAO | Brampton, ON            | ETH/REL/RAP     | Kennedy  |
| 540  | WDXN | Clarksville, TN         | REL:AC          | Smith    |
| 540  | WETC | Wendell-Zebulon, NC     | SS:MEX          | Styron   |
| 560  | KLZ  | Denver, CO              | SPT             | Griffith |
| 570  | KLAC | Los Angeles, CA         | NOS             | Internet |
| 570  | WDNZ | Raleigh, NC             | NWS/TLK         | MSJ      |
| 570  | WNAX | Yankton, SD             | NWS/TLK/SPT     | MSJ      |
| 590  | WARM | Scranton, PA            | NWS/TLK         | Kennedy  |
| 620  | KGTL | Homer, AK               | C&W             | DXN      |
| 620  | WTRP | La Grange, GA           | NWS/TLK/SPT/OLD | DXN      |
| 650  | KIKK | Pasadena, TX            | BIZ/TLK         | Internet |
| 680  | WINR | Binghamton, NY          | C&W             | Franey   |
| 690  | KZNR | Blackfoot, ID           | NWS/TLK/SPT     | Wilkins  |
| 710  | WDSM | Superior, WI            | SPT             | DXmid    |
| 780  | WTME | Rumford, ME             | REL/NWS         | MSJ      |
| 790  | KWSW | Eureka, CA              | TLK             | Hall     |
| 850  | WLYE | Johnstown, PA           | C&W             | Dxmid    |
| 860  | KPAN | Hereford, TX            | Tejano          | Wilkins  |
| 890  | KLFF | Arroyo Grande, CA       | REL:AC/TLK      | DXN      |
| 910  | WNDC | Baton Rouge, LA         | UC.GOS          | Internet |
| 910  | KXEB | Sherman, TX             | SS              | DXN      |
| 910  | KJJQ | Volga, SD               | NWS/TLK/SPT     | DXN      |
| 930  | WEOL | Elyria, OH              | NWS/TLK/SPT     | DXN      |
| 930  | CFBC | Saint John, NB          | OLD             | DXN      |
| 940  | WGRP | Greenville, PA          | CHR             | Kennedy  |
| 950  | KKLF | Denison-Sherman, TX     | ETH             | DXN      |
| 960  | CFAC | Calgary, AB             | SPT             | Wilkins  |
| 960  | WHYL | Carlisle, PA            | OLD             | Kennedy  |
| 960  | KNDN | Farmington, NM          | Navajo          | Heinen   |
| 970  | KUPL | Portland, OR            | C&W             | MSJ      |
| 980  | WAAV | Leland, NC              | NWS/TLK/SPT     | Whitte   |
| 980  | CFPL | London, ON              | NOS             | Kennedy  |
| 980  | WPGA | Perry, GA               | KID             | MSJ      |
| 990  | KCAF | Farmersville, TX        | BIZ/TLK         | DXN      |
| 1020 | WNTK | Newport, NH             | TLK             | DXN      |
| 1030 | KDUN | Reedsport, OR           | C&W             | DXN      |
| 1040 | KURS | San Diego, CA           | SS:AC           | Hall     |
| 1050 | KRMY | Killeen, TX             | GOS             | DXN      |
| 1070 | WKOK | Sunbury, PA             | NWSd/SPTn       | Kennedy  |
| 1080 | KRLD | Dallas, TX              | NWS/TLK         | Heinen   |
| 1080 | KYMN | Northfield, MN          | NOS             | DXN      |
| 1080 | KSLI | Price, UT               | C&W             | Wilkins  |
| 1090 | KNUZ | Bellville, TX           | AC/EZL          | DXN      |
| 1090 | KNCR | Fortuna, CA             | SS              | Hall     |
| 1090 | KVOP | Plainview, TX           | TLK/SPT         | Wilkins  |
| 1100 | KFNX | Cave Creek, AZ          | TLK/VAR/ETH     | Wilkins  |
| 1110 | WBCA | Bay Minette, AL         | C&W             | DXN      |
| 1130 | WYXE | Gallatin, TN            | SS:REL          | Smith    |
| 1140 | KCLE | Cleburne, TX            | OLD             | Wilkins  |
| 1140 | KNEI | Waukon, IA              | SPT             | MSJ      |
| 1170 | WCXN | Claremont, NC           | SS:MEX          | Whitte   |
| 1170 | WKLN | St. Augustine Beach, FL | AC              | Internet |

W. D. Gibson  
 WFTK  
 707 Leon St.  
 Durham, NC 27704

|      |      |                       |               |           |
|------|------|-----------------------|---------------|-----------|
| 1190 | WIXE | Monroe, NC            | Beach         | White     |
| 1210 | KQEQ | Fowler, CA            | SS:Norteño    | Wilkins   |
| 1220 | WGNY | Newburgh, NY          | NWS           | Kennedy   |
| 1220 | CHSC | St. Catharines, ON    | AC/OLD/ETH    | Kennedy   |
| 1230 | KDAC | Fort Bragg, CA        | SS:AC         | Hall      |
| 1230 | KQIK | Lakeview, OR          | OLDd/C&Wn     | Hall      |
| 1230 | WNNC | Newton, NC            | AC/OLD        | White     |
| 1230 | WTCJ | Tell City, IN         | NOS/OLD       | DXN       |
| 1230 | WTIV | Titusville, PA        | TLK/SPT       | MSJ       |
| 1230 | WCWA | Toledo, OH            | TLK/SPT       | DXmid     |
| 1240 | WCNM | Lewiston, ME          | NWS           | MSJ       |
| 1240 | WJMC | Rice Lake, WI         | AC/EZL/OLD    | Rieger    |
| 1240 | WVKZ | Schenectady, NY       | TLK           | MSJ       |
| 1240 | WENK | Union City, TN        | OLD           | MSJ       |
| 1250 | WPEL | Montrose, PA          | GOS           | MSJ       |
| 1250 | KLLK | Willits, CA           | SS:AC         | Hall      |
| 1260 | WWIS | Black River Falls, WI | OLD           | Rieger    |
| 1260 | WTBZ | Grafton, WV           | C&W/TLK       | MSJ       |
| 1260 | KZNI | Idaho Falls, ID       | NWS/TLK/SPT   | Wilkins   |
| 1260 | KWNX | Taylor, TX            | SPT           | DXN       |
| 1280 | WHVR | Hanover, PA           | AC/EZL        | Kennedy   |
| 1290 | KUMA | Pendleton, OR         | TLK           | MSJ       |
| 1290 | KUOA | Siloam Springs, AR    | TLK           | MSJ       |
| 1300 | KBZC | Colorado Springs, CO  | TLK/SPT       | Heinen    |
| 1310 | WGSP | Charlotte, NC         | UC:GOS        | White     |
| 1320 | KSDT | Hemet, CA             | SS:REL        | MSJ       |
| 1330 | WNIX | Greenville, MS        | UC:OLD        | MSJ       |
| 1330 | WETZ | New Martinsville, WV  | C&W           | DXN       |
| 1340 | WNBH | New Bedford, MA       | NOS           | DeLorenzo |
| 1350 | KABQ | Albuquerque, NM       | SPT           | Wilkins   |
| 1350 | WYSK | Fredericksburg, VA    | Rock          | Kennedy   |
| 1360 | WNNJ | Newton, NJ            | C&W           | Kemp      |
| 1370 | WVLY | Moundsville, WV       | TLK           | Kennedy   |
| 1380 | WDLW | Lorain, OH            | OLD           | DXN       |
| 1380 | KOTA | Rapid City, SD        | NWS/TLK/SPT   | Heinen    |
| 1380 | KSLG | St. Louis, MO         | SPT           | Internet  |
| 1390 | WVAA | Burlington, VT        | C&W           | DXN       |
| 1390 | WNIO | Youngstown, OH        | NOS/TLK       | Kennedy   |
| 1400 | WIEL | Elizabethtown, KY     | SPT           | MSJ       |
| 1400 | WNEX | Macon, GA             | KID           | MSJ       |
| 1400 | WKDY | Spartanburg, SC       | C&W           | MSJ       |
| 1400 | KUKI | Ukiah, CA             | SS:AC         | Hall      |
| 1410 | KQV  | Pittsburgh, PA        | NWS/TLK       | DXN       |
| 1420 | WVJS | Owensboro, KY         | NOS/OLD       | DXN       |
| 1440 | KCHE | Cherokee, IA          | NOS           | Dxmid     |
| 1440 | WCDS | Glasgow, KY           | NOS/TLK       | ILST      |
| 1440 | KKXL | Grand Forks, ND       | SPT           | DXN       |
| 1450 | WHOH | Huntsville, AL        | SPT/TLK       | MSJ       |
| 1450 | WDLB | Marshfield, WI        | TLK/SPT       | Rieger    |
| 1450 | WKTQ | South Paris, ME       | REL/NWS       | MSJ       |
| 1450 | WLKW | West Warwick, RI      | NOS           | DeLorenzo |
| 1470 | WBTX | Broadway, VA          | GOS/REL       | Kennedy   |
| 1480 | WZFB | Fair Bluff, NC        | OLD           | MSJ       |
| 1480 | WSPY | Geneva, IL            | NOS           | DXN       |
| 1480 | WSDS | Salem Township, MI    | TLK/C&W wknds | DXN       |
| 1480 | KBMS | Vancouver, WA         | UC:OLD        | DXN       |
| 1500 | WPJX | Zion, IL              | OLD/NOS       | DXN       |
| 1520 | WGAM | Greenfield, MA        | OLD           | DXN       |
| 1550 | KAPE | Cape Girardeau, MO    | NOS/TLK       | DXN       |
| 1550 | KYAL | Sapulpa, OK           | SPT           | Winkelman |
| 1560 | WAHT | Clemson, SC           | OLD           | MSJ       |

|      |      |                 |        |         |
|------|------|-----------------|--------|---------|
| 1570 | KUAU | Haiku, HI       | REL    | MSJ     |
| 1570 | WPTW | Piqua, OH       | AC     | DXmid   |
| 1580 | WGYM | Hammonton, NJ   | TLK    | Kennedy |
| 1580 | WVOK | Oxford, AL      | OLD    | DXN     |
| 1590 | WJQY | Springfield, TN | REL:AC | Smith   |
| 1600 | KANM | Albuquerque, NM | OLD    | Heinen  |



This column has added a "Source" Column. Those who send their reports directly to the editor will find their last name appearing in the column. Those who may post only to the NRCDXAS list may or may not receive individual credit depending on how the information arrives in my email. Dave Braun has been (and I hope he agrees to remain!) the official forwarder of list tips to me. MSJ is the data base abbreviation for the *M Street Journal*. Tips that appear in DXN or DXM from any source will be listed as those publications, that being the source that I receive it from. They are re-listed in this column to allow members to update their logbooks from a single list. 73 & Good DX

**Confirmed** **Greg Myers** [tmeyers01@tampabay.rr.com](mailto:tmeyers01@tampabay.rr.com), [gmyers@floridadigital.net](mailto:gmyers@floridadigital.net)  
**P. O. Box 20112**  
**St. Petersburg, FL 33742-0112**

*Your successes in obtaining QSL's and other station items*

|      |      |  |
|------|------|--|
| 680  | KKYX | San Antonio TX, n/d e-mail in 2 days after an e-mail follow-up. V/s Marty Choate. (Myers—FL)   |
| 820  | WCSN | Chicago IL, p/d letter in 14 days. V/s David Jackson, OM. (Wilkins—CO)   |
| 890  | KVOZ | Laredo TX, f/d prepared "QSL sheet", business card in 6 weeks after 2 <sup>nd</sup> follow-up. V/s Gilbert Martinez, Jr., Scheduling Coordinator. (Myers—FL)                 |
| 900  | WJLG | Savannah GA, p/d letter, stickers in 7 days after a follow-up. V/s Robert Combs, CE. (Myers—FL)  |
| 910  | CMFA | Camaguey CUBA, Radio Cadena Agramonte, n/d e-mail in 6 days for an e-mail report. V/s Guillermo Pavon Pacheco, Dir. Provincial de Radio. (Myers—FL)                          |
| 980  | CJME | Regina SK, f/d verie on Saskatchewan map postcard in 20 days. V/s David M. Senft, VP Eng. (Wilkins—CO)   |
| 1000 | WJBW | Jupiter FL, p/d letter in 17 days. V/s Paul Dunn, PD. (Myers—FL)   |
| 1010 | KXEM | Tolleson AZ, prepared card in 8 days after a follow-up. V/s Jess Spurgin, GM. (Wilkins—CO)   |
| 1070 | KNX  | Los Angeles CA, f/d card, program schedule, business card in 24 days for SASE (used). V/s Larry Wichman. (Frodge—MI)   |
| 1170 | WDFB | Junction City KY, f/d letter, 2 pocket calendars, book marker in 16 days for DX test. V/s Don & Mildred Drake. (Myers—FL) Same in 17days for tape. (Newberry—GA)             |
|      | KOWO | Waseca MN, p/d letter in 63 days. V/s Micheal J. Parry, GM. (Wilkins—CO)   |
|      | KFAQ | Tulsa OK, f/d letter, small stickers in 13 days after a follow-up. V/s Jay Werth, GM. (Wilkins—CO)   |
| 1200 | WSML | Graham NC, letter, coverage map, business card and returned mint stamp in 31 days. V/s Robert LaFore, CE. (Brooker—ON)   |
| 1230 | WSOK | Savannah GA, p/d letter in 7 days. V/s E. Larry McDuffie, Program/Music Dir. (Myers—FL)  |
| 1260 | KSGF | Springfield MO, p/d letter in 7 days. V/s David Hayes, PD. (Wilkins—CO)  |
| 1300 | KKUB | Brownfield TX, prepared card in 23 days after a follow-up. V/s Adolfo R. Hernandez. (Wilkins—CO)   |
| 1400 | KKTL | Casper WY, f/d "Certificate of Reception", letter, prepared card, map 14 months after last follow-up. V/s Dave Nutter, DoE. (Wilkins—CO)                                     |
| 1420 | KHLP | Omaha NE, p/d letter, copy of stn log in 38 days. V/s John Gaeta, DoE. (Wilkins—CO)  |
| 1470 | WRGA | Rome GA, p/d letter in 15 days. V/s Phil Baker, CE (WA4LXU). (Myers—FL)  |
|      | WLCR | Shepardsville KY, f/d form letter in 22 days for DX test. V/s David Peppers, CE. (Myers—FL) Same in 21 days for tape and \$1.00. (Griffith—CO) Same in 24 days. (Brooker—ON) |
| 1480 | KHCK | Dallas TX, f/d form letter in 14 days. V/s Patrick Parks, Engr. Mgr. (Wilkins—CO)  |
| 1510 | KMSD | Milbank SD, prepared card in 14 days after a follow-up. V/s Jerry Herboldt(?). (Wilkins—CO)  |
| 1600 | WQOP | Atlantic Beach FL, f/d e-mail in 2 days for an e-mail report. V/s Tom Moran.   |

(Myers—FL)  
 Brooklyn NY, Lubavitcher Radio, f/d info sheet for a posting in DX News.  
 (Frodge—MI)

Contributors: Mike Brooker, Toronto, ON; Harold Frodge, Midland, MI; Patrick Griffith, Westminster, CO; Greg Myers, Clearwater, FL; Herbert Newberry, Newborn, GA; John Wilkins, Wheat Ridge, CO

# College Sports Networks

**Dave Braun** [dcbraun@delanet.com](mailto:dcbraun@delanet.com)  
 863 Allabands Mill Rd.  
 Camden Wyoming DE 19934-2132

Network listings for college team sports stations

## BIG TEN

**Indiana Hoosiers** - <http://iuhoosiers.com/iuradionetwork.html#radio>

|              |              |               |               |
|--------------|--------------|---------------|---------------|
| 790 WXXA-KY  | 1540 WBNL-IN | 94.5 WRZR-IN  | 100.9 WPGW-IN |
| 1190 WOWO-IN | 1590 WRCY-IN | 94.7 WFBQ-IN  | 102.3 WLHM-IN |
| 1220 WSLM-IN | 1620 WDND-IN | 94.9 WKRI-IN  | WCBK-IN       |
| 1230 WJOB-IN |              | 96.1 WQLK-IN  | 104.7 WITZ-IN |
|              | 92.1 WROI-IN | 96.7 WORX-IN  | 104.9 WINN-IN |
| 1330 WTRE-IN | WZDM-IN      | 97.7 WLQI-IN  | WAXI-IN       |
| 1340 WRRC-IN | 92.7 WSKT-IN | 97.9 WSLM-IN  | 105.1 WGCT-IN |
| 1350 WIQU-IN | 93.3 WQTY-IN | 98.1 WIBN-IN  | 105.5 WQRK-IN |
| 1400 WBAT-IN | 93.5 WHTY-IN | 99.3 WCJC-IN  | 106.7 WYFX-IN |
| 1410 WAZY-IN | 93.7 WQKC-IN | 100.1 WNUY-IN | 107.3 WRSW-IN |
| 1420 WIMS-IN | 94.3 WREB-IN | WFLQ-IN       | 107.7 WMRS-IN |
| 1440 WPGW-IN |              |               |               |

**Minnesota Golden Gophers**

[http://www.gophersports.com/calendar/cal\\_list.asp?option=men&TArch=False](http://www.gophersports.com/calendar/cal_list.asp?option=men&TArch=False)

830 WCCO-MN

**Northwestern Wildcats** - <http://wgnradio.com/sports/catshoops.htm>

Dave Eanet, Shon Morris, David Kaplan, Bob Hildebrand

720 WGN-IL

**Ohio State Buckeyes** - <http://ohiostatebuckeyes.ocsn.com/sports/m-baskbl/spec-rel/radio-network.html>

Paul Keels, Ronnie Stokes

|              |              |              |               |
|--------------|--------------|--------------|---------------|
| 570 WKBN-OH  | 1390 WBLL-OH | 1490 WMOA-OH | 97.1 WBNS-OH  |
| 850 WKNR-OH  | WMPO-OH      | WMRN-OH      | 98.3 WPKO-OH  |
| 900 WFRO-OH  | WNIO-OH      | 1510 WLGN-OH | WLGN-OH       |
| 910 WPFB-OH  | 1400 WMAN-OH | 1520 WQCT-OH | WWBK-OH       |
| 930 WEOL-OH  | 1410 WING-OH | 1540 WBTC-OH | 99.1 WFRO-OH  |
| 960 WKVX-OH  | 1430 WFOB-OH | 1550 WDLR-OH | 99.3 WTNS-OH  |
| 1080 WMVR-OH | WCLT-OH      | 1570 WPTW-OH | WNXT-OH       |
| 1150 WIMA-OH | 1450 WJER-OH | 1590 WSRW-OH | 99.7 WKSD-OH  |
| 1160 WBOB-KY | WLEC-OH      | 1600 WBLY-OH | 100.9 WBNO-OH |
| 1220 WERT-OH | WLTP-WV      | WZZW-WV      | WJAW-OH       |
| 1230 WIRO-OH | 1460 WBNS-OH |              | 101.7 WJER-OH |
| 1240 WHIZ-OH | WBKC-OH      | 92.7 WQEL-OH | 103.1 WNDH-OH |
| 1260 WNXT-OH | 1470 WLQR-OH | 94.3 WKKI-OH | 104.5 WQKT-OH |
| 1270 WUCO-OH | 1470 WHRD-WV | 95.3 WKLM-OH | 105.5 WMVX-OH |
| 1320 WLOH-OH | 1480 WHBC-OH | WLKR-OH      | 106.7 WSRW-OH |
| 1330 WFIN-OH | 1490 WBEX-OH | 95.9 WYNT-OH | ?. WBZW-OH    |
| 1360 WWOW-OH |              |              |               |

**Penn State Nittany Lions** - <http://www.gopsusports.com/radiotv/radiotv.cfm>

|             |              |              |                |
|-------------|--------------|--------------|----------------|
| 560 WFIL-PA | 990 WZZD-PA  | 1330 WYSN-PA | 1460 WTKT-PA   |
| 590 WMBS-PA | 1070 WKOK-PA | 1340 WTRN-PA | 1480 WCNS-PA   |
| 600 WFRM-PA | 1160 WVNJ-NJ | 1360 WPPA-PA | 1490 WNTJ-PA   |
| 670 WIEZ-PA | 1200 WRKK-PA | 1390 WLAN-PA | 1590 WPSN-PA   |
| 680 WISR-PA | 1240 WYGL-PA | WRSC-PA      |                |
| 790 WAEB-PA | 1250 WEAE-PA | 1400 WKBI-PA | 92.1 WSNU-PA   |
|             | WPIC-PA      | 1270 WLBR-PA | WRAC-PA        |
| 800 WCHA-PA | 1280 WHVR-PA | 1420 WCED-PA | 92.3 WNBQ-PA   |
| 830 WEEU-PA | WBZY-PA      | WCOJ-PA      | 93.9 WKBI-PA   |
| 900 WCPA-PA | 1290 WJBR-DE | 1430 WVAM-PA | 95.7 WMRF-PA   |
| 910 WGBI-PA | 1300 WOGY-PA | 1440 WNPV-PA | 96.7 WFRM-PA   |
|             | WSBA-PA      | 1310 WBFD-PA | 103.5 WLAK-PA  |
| 970 WBLF-PA | WNAE-PA      | 1450 WPSA-PA | 104.5 WNB-T-PA |
|             | WGET-PA      | WMAJ-PA      | 106.3 WQRM-PA  |
| 980 WILK-PA | 1320         |              |                |

**Purdue Boilermakers** - <http://purduesports.ocsn.com/genrel/091100aaa.html>

|              |              |              |               |
|--------------|--------------|--------------|---------------|
| 930 WHON-IN  | 1340 WBIW-IN | 1600 WARU-IN | 96.5 WAZY-IN  |
| 1130 WSDX-IN | 1380 WONO-IN |              | 96.7 WFML-IN  |
| 1230 WJOB-IN | 1400 WBAT-IN | 92.7 WZBD-IN | 97.7 WLQI-IN  |
|              | WSAL-IN      | 1480 WRSW-IN | 94.3 WKWH-IN  |
| 1260 WNDE-IN | 1540 WBNL-IN | 95.3 WNDI-IN | 98.3 WZZY-IN  |
| 1270 WFRN-IN | WLOI-IN      | 95.7 WLRX-IN | 98.5 WQKZ-IN  |
|              | WXGO-IN      | 1550 WNDI-IN | 95.9 WEFM-IN  |
| 1280 WGBF-IN | 1580 WBTO-IN | 96.3 WJAA-IN | 107.3 WRZQ-IN |

## BIG 12

**Baylor Bears** - <http://baylorbears.ocsn.com/multimedia/affiliates.html>

|             |                         |                                     |
|-------------|-------------------------|-------------------------------------|
| 820 WBAP-TX | 1470 KEAN-TX (10 games) | 1660 KRZI-TX (All conference games) |
|-------------|-------------------------|-------------------------------------|

**Kansas State Wildcats** - <http://kstatesports.ocsn.com/genrel/100402aaa.html>

|              |              |              |               |
|--------------|--------------|--------------|---------------|
| 810 WHB-MO   | 1370 KALN-KS | 1570 KNDY-KS | 101.5 KMKF-KS |
| 1150 KSAL-KS | 1420 KJCK-KS |              | 102.5 KBLS-KS |
| 1190 KSVV-KS | 1490 KKAN-KS | 92.1 KREP-KS | KKCI-KS       |
| 1240 KNSS-KS | 1510 KNNS-KS | 92.5 KQMA-KS | 106.1 KXKU-KS |
| 1330 KFH-KS  | 1530 KQNK-KS | 94.3 KINZ-KS | 106.7 KQNK-KS |
| 1340 KSEK-KS | 1550 KKLE-KS | 98.1 KYBD-KS | 106.9 KTPK-KS |
| 1350 KMAN-KS | KZRK-TX      | 99.5 KRWV-KS | 107.9 KZLS-KS |

**Texas A&M Aggies** - [http://www.aggieathletics.com/index\\_full.php?pageID=319&CAT=BCST](http://www.aggieathletics.com/index_full.php?pageID=319&CAT=BCST)

|              |              |              |               |
|--------------|--------------|--------------|---------------|
| 710 KURV-TX  | KWHI-TX      | KTFW-TX      | 94.3 KBTS-TX  |
| 760 KTKR-TX  | 1330 KSWA-TX | 1490 KWMC-TX | KFST-TX       |
| 790 KFYO-TX  | 1340 KRBA-TX | KYZS-TX      | KYXX-TX       |
| 950 KPRC-TX  | 1350 KCAR-TX | KVWC-TX      | 94.9 KOLI-TX  |
| 960 KGKL-TX  | 1360 KACT-TX | 1510 KVCJ-TX | 95.3 KFRO-TX  |
| 1120 KJSA-TX | KKTX-TX      | 1550 KZRK-TX | 96.1 KAGG-TX  |
| 1140 KCLE-TX | 1390 KULP-TX | KCOM-TX      | 96.9 KXYL-TX  |
| 1190 KFXR-TX | 1400 KEBE-TX | 1590 KGAS-TX | 98.5 KRXT-TX  |
| 1220 KMVL-TX | KKTK-TX      |              | 99.9 KMOO-TX  |
| 1230 KSST-TX | 1410 KBAL-TX | 92.1 KHOS-TX | 105.9 KTCJ-TX |
| 1240 KVLV-TX | 1450 KCTI-TX | 93.5 KBHT-TX | 106.1 KBAL-TX |
| 1260 KWNX-TX | KMHT-TX      | 93.9 KSEY-TX | 106.9 KHLB-TX |
| 1280 KSLI-TX | 1460 KCWM-TX |              |               |

**Texas Longhorns**

[http://www.texasports.com/mainpages/mbb\\_pages/2002\\_03/001/03affiliates.html](http://www.texasports.com/mainpages/mbb_pages/2002_03/001/03affiliates.html)

|              |              |               |               |
|--------------|--------------|---------------|---------------|
| 600 KTB-TX   | 1260 KKSA-TX | 1600 KOGT-TX  | 102.3 KXYL-TX |
| 610 KILT-TX  | 1290 KWFS-TX |               |               |
| 740 KCMC-TX  | 1300 KVET-TX | 92.3 KCUL-TX  |               |
| 760 KTKR-TX  | 1410 KRIL-TX | 92.5 KBLK-TX  |               |
| 770 KAAM-TX  | 1440 KPUR-TX | 96.9 KXYL-TX  |               |
| 1150 WTAW-TX | 1510 KMNO-TX | 98.1 KVET-TX  |               |
| 1230 KSIX-TX | 1590 KGAS-TX | 100.1 KUEZ-TX |               |



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

## BIG EAST

http://www.bigeast.org/airwaves/radio.asp  
Note: Flagships Only

**Boston College Eagles** Notre Dame Fighting  
850 WEEL-MA Irish

**Connecticut Huskies**  
1080 WTIC-CT

**Georgetown Hoyas**  
980 WTEM-DC

**Miami Hurricanes**  
560 WQAM-FL

1490 WNDV-IN  
92.9 WNDV-IN

**Pittsburgh Panthers**  
79. WRRK-PA

**Providence Friars**  
630 WPRO-RI

**Rutgers Scarlet Knights**  
710 WOR-NY  
1450 WCTC-NJ

**St. John's Red Storm**  
1050 WEVD-NY

**Seton Hall Pirates**  
770 WABC-NY  
1560 WQEW-NY

**Syracuse Orangemen**  
1260 WNNS-NY  
95.7 WAQX-NY

**Villanova Wildcats**  
920 WJHR-NJ  
990 WZZD-PA

**Virginia Tech Hokies**  
105.3 WBRW-VA

**West Virginia Mountaineers**  
1440 WAJR-WV  
101.9 WVAQ-WV

## SOUTHLAND RADIO STATIONS

http://www.southland.org/cgi/index.cgi/content/radio

**Lamar Cardinals**  
560 KLVI-TX

**Jacksonville State**  
91.9 WLJS-AL

**McNeese State Cow-boys**  
1470 KLCL-LA  
99.5 KHLA-LA

**Nicholls State Colonels**  
105.9 KBZE-LA

**Louisiana-Monroe Indians**  
1440 KMLB-LA  
104.1 KJLO-LA  
105.3 KLIP-LA

**Northwestern State Demons**  
91.7 KNWD-LA

**Sam Houston State Bearkats**  
100.5 KMVL-TX

**Southeastern Louisiana Lions**  
90.9 KSLU-LA

**Southwest Texas Bobcats**  
89.9 KTSW-TX

**Stephen F. Austin Jacks**  
105.1 KYKS-TX

**Texas-Arlington Mavericks**  
1190 KFAX-TX

**Texas-San Antonio Roadrunners**  
760 KTKR-TX  
810 KSJL-TX

1410 KGNB-TX

## Geomagnetic Summary

Phil Bytheway phil-bytheway@teknologic.net  
9705 Mary NW  
Seattle, WA 98117-2334

*High "A" values indicate possible auroral conditions*

### Geomagnetic Summary December 16 2002 through December 30 2002

SWF - Space Weather Forecast  
maf - major flare  
mas - major storm  
mis - minor storm  
pca - polar cap absorption  
SWT - Space Weather today  
spe - satellite proton event  
ss - severe storm

Tabulated from email status daily.

| Date  | Flux | A  | K | Space Wx Today | Space Wx Forecast | Etc. |
|-------|------|----|---|----------------|-------------------|------|
| 12/16 | 203  | 5  | 2 | minor          | minor             | 5    |
| 17    | 213  | 4  | 2 | minor          | minor             | 3    |
| 18    | 197  | 4  | 1 | minor          | minor             | 2    |
| 19    | 193  | 18 | 3 | minor          | minor             | 9    |
| 20    | 197  | 13 | 3 | moderate       | minor             | 8    |
| 21    | 184  | 19 | 1 | minor          | minor             | 7    |
| 22    | 172  | 11 | 4 | minor          | minor             | 4    |
| 23    | 159  | 21 | 3 | minor          | minor             | 9    |
| 24    | 147  | 17 | 3 | no storms      | minor             | 7    |
| 25    | 132  | 14 | 3 | no storms      | no storms         | 7    |
| 26    | 127  | 14 | 3 | no storms      | no storms         | 6    |
| 27    | 117  | 26 | 3 | moderate       | minor             | 8    |
| 28    | 117  | 17 | 2 | no storms      | no storms         | 6    |
| 29    | 115  | 12 | 3 | no storms      | no storms         | 5    |
| 12/30 | 114  | 14 | 3 | no storms      | no storms         | 4    |

## 'Magic' audio black boxes

by Tom Bryant

Recently someone sent me a picture depicting two pieces of electronic equipment. The first, labeled MALE, had one control...a simple on/off switch. The other, labeled WOMAN, had about 15 or 20 knobs, buttons, etc., on the same size device. It was to illustrate the complexity of the female of the species ... as compared to the (alleged) simplicity of the male.

At any rate, it reminded me of a broadcast connection. If you aren't aware of it, I think you'll enjoy the story.

### "BLACK BOX" AUDIO PROCESSORS

You might be interested in the origin of a special breed of mysterious 'black box' type electronic devices with lots of knobs, dials, switches, buttons, meters, and flashing lights. These gizmos showed up in radio stations about the time that rock and roll started to capture big audiences.

The story is quite humorous. But first, a little background.

From the time they were introduced, limiters, compressors, and equalizers had always been the domain of engineers. They installed them, calibrated them, and maintained them.

Down the hall, stodgy programmers and management types didn't really give a hoot about the intricacies of signal processing ... or how the task was accomplished. As long as their station made a noise, they were satisfied.

In the late 50s and early 60s, the new crop of younger programming people began to tinker with audio chain settings in a quest to achieve a "sound" that they believed was superior to that of their competitors. Sometimes they knew what they were doing...often, not.

Engineers felt a bit threatened by non-engineering personnel messing with critical adjustments, and were perplexed by these (often clandestine) efforts because in a lot of cases the result of unauthorized tweaking by non-tech types made the station sound worse than it had in the first place.

That's when management would call the engineers on the carpet; and it's important to know that engineers don't like to either look bad or have their station sound bad.

It was a result of sheer frustration and sometimes outright anger that the magic audio boxes came into being.

To sidetrack dial twisters, some clever engineer dug through the junk drawer and found all kinds of goodies that he mounted on a panel in the equipment rack. With great flourish, he introduced the new device to whoever had been screwing around with the audio processing.

This unit, with umpteen wires seemingly connecting it to various pieces of equipment, was usually secured in an impenetrable case, and was purported to be the best limiter/compressor/equalizer ever to hit the industry. It was "custom made" to the station's specifications...and said to be VERY expensive. Hell ... it could do anything! (Yeah, sure <wink>!)

The programming dudes loved it because as they tweaked and listened ... they could hear changes ... lots of changes ... really cool stuff!

Funny thing is that what they were doing had absolutely no effect on the broadcast signal. All it did was change the sound of the monitor speaker located by the equipment rack. The REAL audio gear had been moved to a location where it couldn't be seen ... supposedly replaced by the new device ... but in reality it was humming away as if nothing had ever happened ... because ... nothing HAD happened!

Implementation of these faux processors spread like wildfire. To the best of my knowledge no two were the same ... and they were never manufactured on a mass-production basis. Word of mouth from one engineer to another (and a well-stocked junk/spare parts drawer) was all it took.

Eventually, some of those who were duped caught on. Some never did!

Even funnier ... I know of a couple of stations where a 'magic box' was placed in a rack but (secretly) not hooked to ANYTHING ... not even the monitor speaker...yet the programming guys were convinced they were adjusting the audio output when they tweaked and twisted the dials.

Those were great days ... and radio was a fun business.

If I could move the clock back 40 years (for radio only), I'd do it in a heartbeat!

### The NRC is growing - and you can help.

More members in the NRC means a larger DX News ... and more features and services for all members. You can help your club grow: just send the names and addresses of potential club members to the NRC - P. O. Box 5711 - Topeka, KS 66605 and we'll send them a current copy of DX News. You could start with your local AM stations' personnel! Spread the word - the National Radio Club is on the grow!

## New Termination Control Method for Flag, Pennant, and Similar Antennas

By Mark Connelly, WA1ION

As noted in previous articles (*references 1 and 2*), the ability to vary the termination resistance value is very useful in getting the most out of the nulling capabilities of Flag, Pennant, Kaz, Delta, Ewe, and similar cardioid-pattern terminated-loop antennas. A Flag antenna, for example, is usually fed at the midpoint of one vertical side through an approximately 1:16 transformer. The termination resistance is connected at the midpoint of the opposite end's vertical side. The direction of expected nulls is the way you're facing if standing at the receiver feedline side of the antenna and looking towards the termination. A typical termination value is about 900 ohms. If this termination can be varied, the horizontal and vertical angular positioning of the best null can be "slewed" to some extent. Plus or minus 30 degrees of null bearing variation is often possible.

One method, documented previously, is termination control by varying the direct current through the LED portion of a Vactrol, a sealed component consisting of a light source mated to a photoresistor.

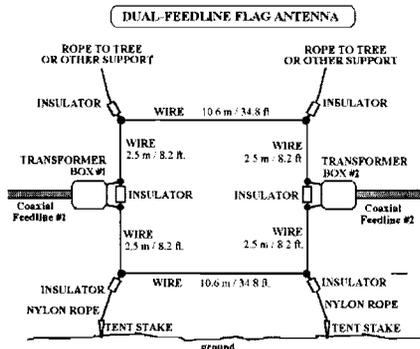
This can work well, but is slightly cumbersome to implement. A problem for constructors is that Vactrols are not commonly-stocked parts at the electronics component suppliers in many countries.

Recent testing has shown that a two-feedline Flag antenna (*Figures 1 and 2*) can be used in conjunction with a 500 ohm potentiometer placed at the "shack" end of the coaxial feedline from a transformer box at the midpoint of the vertical side of the antenna where the termination resistor would normally be installed. Both vertical members of the antenna are fitted with transformers at their midpoints. The ratio used is in the range of 1:15 to 1:20 where the low impedance winding connects to the coaxial feedline and the high impedance winding to the wires of the upper and the lower halves of the antenna. A Mini-Circuits type T16-6T-X65 transformer can be used or, alternatively, you can use a homebrew type as mentioned by John Bryant (*reference 3*), e.g. an Amidon FT114-43 toroidal core with 10 turns (low impedance winding) opposite 45 turns (high impedance winding).

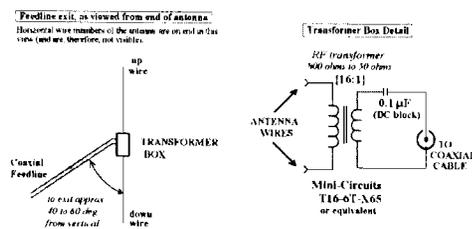
For a simple set-up at the "shack" operating position ends of the two feedlines, the cable from the side to be terminated goes to a 500 ohm potentiometer. The other cable goes to the receiver input (or to an accessory such as a preselector/amplifier or phasing unit ahead of the receiver). Vary the pot setting and look for a "dip" in the strength of interfering signals coming from bearings in the range where nulls can be expected, i.e. in the direction (+/- 30 deg.) that the terminated side is relative to the side whose feedline is going to the receiver.

If the pot is set to 55 ohms and a 1:16 transformer is used, an effective termination of 55 times 16 = 880 ohms will appear at the antenna wires connected to the transformer box of the "pot feedline". This is close to the ideal termination and it "translates" well through the 50 ohm coaxial feedline. Nulls tend to occur within a range of 320 to 2400 ohms at the antenna leads: this corresponds to pot values of

20 to 150 ohms. Much outside of that range, mismatching, cable capacitance, or transformer limitations prevent the pot's value from being multiplied the way you'd expect. Since most of the useful nulls are within a range where the pot resistance can be successfully "translated" through the feedline, outlying value settings aren't of much concern. At least with feedlines of moderate length (30 m / 100 ft. or less), this amazingly simple termination method works very well. Reliability is better since only the



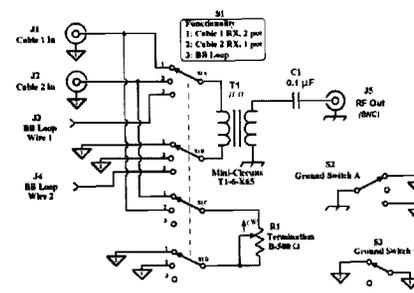
DUAL-FEEDLINE FLAG ANTENNA



transformers are "out in the weather" instead of having outdoor feedboxes / termination boxes containing more sophisticated (and fragile) circuit components.

Since both feedlines are accessible at the "shack" operating position, either side of the antenna can be selected for pot termination. Whichever side is the opposite one will supply RF to the receiver. With an east-west Flag antenna, you can set things up for westward nulls or eastward ones, as your DX activities dictate.

TG-1 "Termination Gizmo" for Flag, Pennant, and similar antennas Basic Schematic



Enter the "Termination Gizmo" (TG-1) ...

The effectiveness of the pot termination scheme can be enhanced by packaging the feedline selection switch and the termination potentiometer in a small plastic box. The shields of the two cables are treated as independent "grounds" that can be kept separate, connected together, and/or connected to receiver chassis (station) ground. Most of the time, varying the ground hook-ups doesn't make much difference, but occasionally a particular ground connection set-up will permit a deeper null in a given direction.

Figure 3 is the "basic" TG-1 schematic. Since Flag, Pennant, and other similar antennas typically have low output levels, a switchable amplifier can be included in the TG-1 box.

Figure 4 shows one possible implementation of this idea.

The two Flag (or similar) antenna feedlines are presented to J1 and J2. There was an extra position available on the 4-pole 3-position rotary switch used for S1 (Feedline Selection). This extra position has been routed to J3 and J4 banana jacks that can be used to connect an unterminated (figure-of-eight) broadband loop. In that mode, the R1 termination pot is not connected.

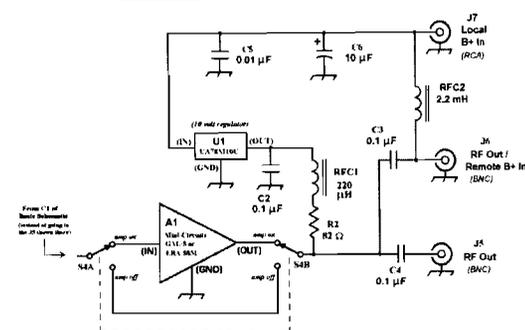
I assembled the TG-1 in a plastic Radio Shack 270-1805 box measuring 6 by 3 by 2 inches (15.2 by 7.6 by 5.1 cm). Placement of components is not too critical. The only exception may be, if the amplifier option is included, to keep amplifier input and output leads short to prevent possible feedback and oscillation.

In use here at Billerica, MA, the nulls provided by the TG-1 controlled Flag antenna are often good enough to remove interference from a desired DX catch. Sometimes the null depth can be enhanced by phasing the TG-1's output against that of a non-directional active or passive vertical antenna placed far enough from the house to be out of the "noise zone".

There are also cases where the best results are obtained by taking the two Flag antenna feedlines directly to the two input channels of the phasing unit, rather than going through the TG-1 box at all.

It is hoped that this article encourages others to do their own experimentation and to report their findings.

TG-1 "Termination Gizmo" for Flag, Pennant, and similar antennas Optional Amplifier Stage



### References

(Note: Over time Web URL's may change. If this occurs, it may still be possible to retrieve the articles by going to known DXer Web sites or to search engines for links. Hard copies are likely to be available from the National Radio Club and International Radio Club of America reprints services.)

1. "Flag Antenna Construction and Test Results" - M. Connelly, JUL 2002  
[http://www.qsl.net/wa1ion/flag/flag\\_antenna.pdf](http://www.qsl.net/wa1ion/flag/flag_antenna.pdf)
2. "Pennant Antenna with Remote Termination Control" - M. Connelly, JUL 2000  
<http://members.aol.com/DXerCapeCod/pennant.pdf>
3. "Fabricating Impedance Transformers" - J. Bryant, MAY 2001  
[http://members.aol.com/DXerCapeCod/z\\_transformers.pdf](http://members.aol.com/DXerCapeCod/z_transformers.pdf)

## Calendar features radio station antennas

Story by Rochester, NY Democrat and Chronicle  
staff writer Robin L. Flanigan

-via Jim Renfrew

The 2003 calendar models for the month of January are tall and much leaner than August's short, squat star attractions.

Guess which ones are more likely to sell calendars?

"For visual impact, you want the ones that are wide," says Brighton's Scott Fybush, who photographed the pinups.

"They stand out better that way."

Another victory for the plus-sized movement? Nah, just a radio aficionado's partial collection of radio and television broadcast towers, primarily in the Northeast, captured in striking color against lush landscapes.

There's quite a demand for this sort of thing. Fybush sold all but

four of the 200 calendars he made last year, and despite doubling the number this time around, he's already taken orders for half of them. The \$16 calendars include significant dates in radio and television history, industry trade shows and events, and civil and religious holidays.

Fascinated since childhood with broadcast towers — he could see two from his Brighton home — the 30-year-old freelance writer has produced a weekly online column about the radio industry since 1994. He decided in the fall of 2000 to incorporate a "Tower Site of the Week" to keep people interested in his Web page. Although it started as a joke, it soon led to written requests for certain highlighted locations.

Engineers nationwide began inviting him to their stations, hoping to be featured. A calendar was the next logical move.

The 2003 edition includes sites in Vermont, Connecticut, Rhode Island, Oklahoma, Illinois and other states, as well as one in England, which Fybush photographed while on vacation. He gushes that the cover's Blaw-Knox diamondshaped tower in Nashville is "the Holy Grail of radio towers." Pinnacle Hill's absence will disappoint local fans, although a future appearance is planned.

Jon Saptura, a radio engineer at Clear Channel Radio in Binghamton ordered this year's calendar so he can gaze daily at some of the prettiest towers around: "There's something about the beauty of the engineering, the way they're constructed, that fascinates me. It's something I can't fathom."

Fybush plans to continue documenting the giant metal sculptures — both for pleasure and future projects — while on business trips and vacations.

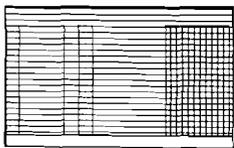
"And of course there's the inevitable coffee-table book," he says. "If the market is there, why fight it?"

For more information, visit: [www.fybush.com](http://www.fybush.com)



Buffalo's WBEN-930 is one of several New York stations whose towers are featured in Scott Fybush's 2003 calendar. Photo by Scott Fybush

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## 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.

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

Perry Crabill - 225 Milam Drive - Winchester, VA 22602 [w3hqx@arrl.net](mailto:w3hqx@arrl.net)

This is my first Musing for 2003, and I hope to be a more frequent Muser than I was in 2002. I wonder if any U. S. AM broadcasters are looking for three-letter station calls, which seem to be scarce. It seems to me that a number might have become available recently as a result of consolidation in the Maritime service on shortwave and longwave, which appears to have turned loose a number of these call signs. KFS, KPH, WCC, and WLO are still used for digital service on shortwave, but as far as I know KLB, KLC, WAX, WMH, WNO, WOO, WPA, WPG, WSC, WSL, and WSY, along with others, could now be available. Perhaps some NRC members in the business could shed some light on this. Here's something to kick around in DXN: Should DXers report to the FCC apparent violations of the rules for AM broadcasters? It might be shooting ourselves in the foot to report daytimers operating at night with day power, etc, because we might not otherwise log the miscreants. However, I would think that reporting pirates would be more justifiable, along with stations that splatter and otherwise mess up the band. On another subject, I have serious misgivings about the use of IBOC for AM broadcasting because of its adjacent-channel interference effects. I also wonder about the need and justification for this system, and why the FCC is even considering it. Look at AM stereo; although a number of stations are broadcasting it, does anyone have data on how many AM stereo receivers are in use?

Wayne Heinen - 4131 S Andes Way - Aurora CO 80013 [amradiolog@nrcdxas.org](mailto:amradiolog@nrcdxas.org)

Hi all, a few issues back I noted where Dave mentioned he lost a MUSE or two; since my last one never appeared I'll guess it was mine. Having shed a few other hobby type duties this fall I've actually had time to play with equipment, antennas and DXing. I decided to set up a few 10m loops after reading Mark Connelley's article, and I've been having some very good luck with them. I've got a N/S and E/W loop, along with the combiner box from Mark's article (sans amplifier boards for now). I'm using this with an old torroid coil base phase combiner that I've reactivated; this unit I built years ago, and it's based on Dallas Lankford's LIL-1 (Reprint A59). I've actually logged a dozen new stations since July. I'm hoping to get another loop at angles to the first two up, as soon as I find some time and some cheap coax. I've still got my 4' loop, but it is in need of a rebuild. More stuff for winter evenings. Still verifying my catches but I've found that it is still tough to coax veries out of some. I have received a few email veries within the last few weeks; they're OK but real letterheads look much better. I want to thank everyone who helped with the 23rd edition of the LOG and encourage members to help us get the 24th edition updated. Member Richard Franey is doing a lot of address cleanup and other are helping with network and format cleanup and updates. I guess I really need to write an article to solicit help with the myriad proofing and clean up that we could use. Anyway that's what's new from Colorful Colorado...73 NØPOH (Thanks for the refeed Wayne-DWS)

## Baby knocks station off air

via Fred Vobbe

A 17-month-old baby boy pulled the plug on a Gold Coast radio station, knocking it off the air for more than an hour.

Nathan Polden of the Gold Coast was having a look around the Sea FM studio while his mother Deborah and grandfather John from Germany were being interviewed today.

The pair had been reunited by the radio station after 37 years apart. But just as their story was being told Nathan crawled behind announcer Paul

Gale and found the master power switch.

"Young Nathan has hit this button that has shut the whole desk down and then when we hit it back on it did something to the transmitter site and we were off air," explained Gale.

A backup transmitter failed because it was damaged by overnight storms. Sea FM was unplugged for one hour and four minutes while the problem was fixed.

"I'm trying to get the manager to ship the whole family back to Germany," joked Gale.

