

# DXN News

• Serving DX'ers since 1933 •

Volume 76, No. 19 • February 9, 2009 • (ISSN 0737-1659)



## Inside ...

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14 ...College Sports Networks



*From the publisher ...* For our members who are subscribers to both DXN and e-DXN ... fair warning on keeping your e-mail addresses up to date. Kraig Krist has been working diligently to upgrade the site, and as soon as he has the new items in place, we will send you an e-mail notification of the changes, which could even take place before you receive this in the mail. And those of you who have paid for your e-DXN subscription and never registered ... well, thanks for the donation, I guess. Seriously, get registered and join in on the fun. Remember, too, please, that e-DXN is NOT included with the price of your DX News or DX Audio Service subscription; it's an additional five bucks. Cheap, as they say, but it includes both DXAS and DXN downloads plus a number of other forums. What a deal!

*Unfilled positions ...* We're still in need of volunteers for the following positions: a DXN publisher, ASAP; replacement editors for languished columns ("DX'er's Notebook" (pending;

I've received one tentative inquiry), "The Answerman" and "Memory Dredging"), and one or more persons to edit future NRC publications developed by contributors or the club.

### DX Time Machine

*From the pages of DX News*

50 years ago ... from the "lost" listings: September 17, 1958: There were enthusiastic comments from members, including Dick Cooper, Kittanning, PA, and Francis Nittler, Denver, CO who had attended the NRC Convention over the Labor Day weekend at Findlay, OH, hosted by Mr. and Mrs. Elbert Tewell. Stan Morss, Bradford, MA, said that it must have been the best convention ever because he got less sleep than ever before ... From the February 14, 1959 DXN: Len Kruse, Dubuque, IA reported that the DX broadcast from WDBQ-1490 on 1/26 garnered about 50 reception reports, including 9 from New Zealand, and that a tape recording by Ken Mackey, Dunedin, NZ, of a portion of the broadcast was "amazingly clear".

25 years ago ... from the February 13, 1984 DXN: The death of Carleton Lord, "Count de Veries", on January 24, 1984, was noted.

10 years ago ... from the February 15, 1999 DXN: IDXN editor Jim Renfrew commented on how strange it was for him to listen to SRS-725 from Suriname in the '60's, with a language he couldn't understand, and playing "White Room" by the Cream as he listened in his white room in Connecticut!

### DXN Publishing Schedule, Volume 76

	<i>Deadline</i>	<i>Publ Date</i>			
			25.	Mar. 20	Mar. 30
20.	Feb. 6	Feb. 16	26.	Apr. 3	Apr. 13
21.	Feb. 13	Feb. 23	27.	May. 1	May 11
22.	Feb. 20	Mar. 2	28.	June 5	June 15
23.	Feb. 27	Mar. 9	29.	July 10	July 20
24.	Mar. 6	Mar. 16	30.	Aug. 7	Aug. 17

## NRC AM Radio Log, 29th Edition



The NRC AM Radio Log is unbound and three-hole punched for standard binders. *Ships around Sept. 1; pre-orders accepted now!* Media Rate: \$19.95 to U. S. NRC members; \$25.95 to U. S. non-members; to Canadian members, \$24.00 (\$28.95 to non-members); add \$3.00 for Priority Mail. Airmail to all outside of USA/Canada: \$32.00. Canadian orders: PayPal or postal M. O. only.

Order from: NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251, or via [www.nrcdxas.org](http://www.nrcdxas.org). (CO residents, please add 3.5% sales tax.)



# 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, CRTC, and listeners

## CALL LETTER CHANGES

	<u>Old Call</u>		<u>New Call</u>
1410	KUHL	CA Lompoc	KSMA
1440	KINF	CA Santa Maria	KUHL



## ACTIONS

1270 WSPR MA **Springfield - STA granted for U1 1000/350** relocating to the WACM-1490 tower at N42-06-06 W72-37-23.

1370 KAST OR **Astoria - Coordinate correction to N46-10-31 W123-50-58.**

## AM to FM MIGRATIONS

630 CHLT QC **Sherbrooke - Has made the switch to 102.1 MHz with 5.8 kW. Had been on AM since 1937.**

## APPLICATIONS

1230 CFLN NL **Goose Bay - Applies to move to 97.9 MHz with 1 kw at 25.4 metres. This proposal includes CFLN's relay, CFLW-1340 Wabush, NL, to move to 94.7 MHz with 1 kW at -26.4 meters.**

1480 NEW ON **Toronto - Applies for a new station with U1 (we assume) 1000/500 with an English-language Christian music format. 1480 is the former home of CKAN Newmarket, now moved to FM.**

## AMENDMENTS TO APPLICATIONS

540 KMLB LA **Monroe - Amends their application from U7 4000/59 CH 4000 to read U1 4000/26.**

950 WCTN MD **Potomoc-Cabin John - Amends their application for U4 2500/36 to U4 2500/360. Those decimal points are maddening!**

## APPLICATIONS/CPs DISMISSED

810 WYRE MD **Annapolis - Denied a move to Essex with D3 240/0.**

1460 CJOY ON **Guelph - Denied a move to FM. What a shock!**

## APPLICATIONS FOR RECONSIDERATION

900 KALI CA **West Covina - Asks for reconsideration of their application to increase their daytime power to 5 kW.**

1550 CBE ON **Windsor - Has reapplied to the CRTC to move to FM, using 97.5 MHz with 3.2 kW at 130.1 meters for its Windsor transmitter as well as using 91.9 MHz with 5.3 kW at 73.6 meters for a transmitter at Leamington.**

## AM on FM TRANSLATORS

1420 WVJS KY **Owensboro - Is being 'translated' on 250 watt W263BG on 100.5 MHz Owensboro.**

## LICENSE CANCELLATIONS/CALL LETTERS DELETED

1700 WJCC FL **Miami Springs (finally becomes official)**

## UPDATE FROM ISSUE 14

1650 CINA ON **Mississauga - Here's the straight skinny on their address/phone: 1515 Britannia Road East, Suite 315 Mississauga, Ontario L4W 4K1 Canada; Phone: 416.777.1650 Fax: 905.795.9030; Email: cinaradio@gmail.com**

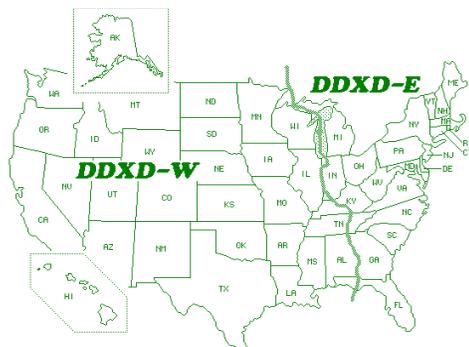
## HEAR AND THAR

- Reported as being **OFF: WDYT-1220 Kings Mountain, North Carolina.**
- Another weak issue, folks.
- FINES: Issued a \$9,000 monetary forfeiture to WLRM-1380 Millington, Tennessee for public file violation.**
- Thanks to: **Shawn Axelrod, Bill Dvorak, Wayne Heinen, Deane McIntyre and Dave Schmidt.**

# Domestic DX Digest

**West: Greg Harris** west\_logs@yahoo.com (Division line  
262 Juniper St. - Park Forest, IL 60466-1725 is between East  
and Central time  
zones)

**East: Mike Brooker** aum108@idirect.com  
99 Wychcrest Ave - Toronto, Ontario M6G 3X8 CANADA



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

## DDXD-WEST

FROM THE VAST WESTLAND

Reporters

**BD-WI** Bill Dvorak, Madison. Drake R8B, Quantum QX Pro loop.  
**DBJ TN** David Jones Nashville. Drake R8B/Quantum QX pro loop.  
**DP HI** Dale Park, Honolulu. Sangean AT818CS/Terk AM 1000 Loop.  
**JW-CO** John Wilkins Wheat Ridge Drake R8 /4 ft box loop  
**Ed-IL** Your Editor, Park Forest. Icom R75/Quantum



Station News

- 560 KSFO CA San Francisco.** Per Radio-Info.com, stn adds Citadel-ABC's "Huckabee Report," commentaries by former presidential candidate ike Huckabee, and Paul Harvey, who moves over from sister stn KGO-810. **(DP-HI)**
- 860 KTRB CA San Francisco** Per Radio-Online, stn add more Sports Byline USA Network programming 1/05. KTRB now carries about 40 hours of SBUSA content a week including Ron Barr at 2007-0100 and "Sports Overnight America" at 0107-0400. Barr has not been locally in his home market since KKIS-990 dropped the network several years ago. KTRB already airs Stanford U. sx and will carry the Oakland A's this year. **(DP-HI)**
- 910 KTRO WA Vancouver** Per website pdxradio.com, Salem has ended its LMA of the stn with a conservative talk format, so the stn flipped 1/05 at 0301 to a relay of country KWJJ-FM 99.5 "The Wolf." **(DP-HI)**
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- 1070 WTSO WI Madison** Per Premiere Radio, stn switched from ESPN to Fox Sports Radio 1/05. FSR airs at 0100-0700 and 2000-0100 weekdays, "in addition to various coverage on weekends." Stn also added Premiere's Jim Rome weekdays 1200-1500. **(DP-HI)**
- 1110 KAOI HI Kihei** 1/23 2312 Went off air during "Stephanie Miller Show." Noted briefly on at recheck 1/24 0450 but off again Sat. and Sun. Back on at recheck 1/26 1940. (Yet the outage didn't prevent KAOI from feeding sister station KQNG-570 for its usual wknd prgmng.) **(DP-HI)**
- 1340 WAGN WI Menominee.** Per DX MidAmerica, the oldies format has moved to FM, replaced 1/05 by talk featuring Rush Limbaugh, Dave Ramsey, Dean Edell, Laura Ingraham and Alan Colmes. **(DP-HI)**
- 1340 KYLT MT Missoula.** Per Premiere, stn flipped from talk 1/12 to all-FSR. **(DP-HI)**
- 1360 KBKB IA Fort Madison.** Per website Northpine.com, stn switched from sports to classic country after being s old. New slogan is "Country Legends 13-60." **(DP-HI)**
- 1380 KRKO WA Everett .**Adds Jim Rome weekdays 1200-1500 per Premiere Radio Networks 1/14. **(DP-HI)**
- 1400 KXGF MT Great Falls** Per Great Falls Tribune, stn switched from sports featuring ESPN Radio 1/05 to traditional country, but will still carry high school sx and

Montana State U. football. ESPN moved to a new FM stn, KUUS-FM 103.9. **(DP-HI)**

- 1420 WVJS KY Owensboro. 1/23 0759. Fair and in the clear. The Cascades "Rhythm of the Rain" into legal ID: "You're listening to 1420 WVJS Owensboro and W263BG Owensboro" into ABC news. So this is another AM station being simulcast on an FM translator (not shown in NRC AM Log #29). W263BG broadcasts on 100.5 MHz with 250W. The legal ID no longer mentions WTCJ 1230 as a parallel station. **(BD-WI)**
- 1490 KQDS MN Duluth. Per Premiere Radio, stn switched from oldies 1/06 to sports featuring FSR 24/7 except weekdays 0700-2000. **(DP-HI)**
- 1530 WRPM MS Poplarville. Per Picayune News-Item and Poplarville Democrat, stn was shut down the morning of 1/08 due to lack of advertising sales. Stn, which survived Hurrican Katrina, aired a "Gospel Hits" format and carried services from two local Baptist churches. **(DP-HI)**
- 1570 WLKD WI Minocqua Per website WisconsinBroadcasting.com, stn has gone back to the Nostalgia format, using the "Music of Your Life" service, after over four years of airing ESPN Radio. **(DP-HI)**

Presumed, Tentative. UnID

Regular DX Loggings (Times in ELT)

- 740 KTRH TX Houston 1/23 0820. "Traffic and weather together," call letter ID. Fair signal, mixing with several. **(JW-CO)**
- 920 CFRY MB Portage la Prairie Weather by male announcer followed by "That's the weather on CFRY (said as C-FRY). Then into C and W music. fair in KARN null. New. **(Ed-II)**
- 920 KDHL MN Faribault. 1/26 0756, "KDHL 920" by deep voiced male announcer. Weak.in WBAA null. New. **(Ed-II)**
- 920 WTCW KY Whitesburg. 1/26 0800. "AM 920 WTCW" by male announcer. Fair in WBAA null, New. **(Ed-II)**
- 920 WMOK IL Metroplis. 1/15 0620 C@W MX slogan Real Country 920 WMOK GM Motor ad.**(DBJ-TN)**
- 940 CJGX SK Yorkton. 1/22 0840 It's 740 then weather GX-94 then song Trace Atkins. **(GH-KS)**
- 940 WCPC MS Houston. 1/29 0803 "WCPC (missed) Mississippi" by male announcer. who also said the station was part of the "By God Inspired Network". Fair New. **(Ed-IL)**
- 1020 KMMQ NE Plattsmouth 1/25 1700. Legal ID "KMMQ Plattsmouth-Omaha, La Preciosa Diez Veinte AM," followed by Latino music. So they have dropped the KMMQ/KOIL dual ID's **(JW-CO)**
- 1110 KFAB NE Omaha 1/24 0012 Tx w/ author of book Inside Gitmo on why it is wrong to close the prison camp; faded out, replaced by KDIS-CA; back on top at 0028 w/ PSA for CARC in Omaha, slogan "On air...on demand, Newsradio 11-10 AM KFAB," then "Savage Nation" on white liberal "racists" like Robert "Reich-stag." POOR to VERY POOR. Also heard underneath KAOI 1/27 around 0030 instead of usual pest KDIS. **(DP-HI)**
- 1140 KZMQ WY Greybull 1/23 1859. Out of C&W with legal ID at 1859:50: "Pure Country, Real Country" (sung), then spoken "You're listening to Real Country 11-40 AM KZMQ Greybull, Wyoming;" more music followed. Fair/good. **(JW-CO)**
- 1190 KEX OR Portland 1/18 0525 "Coast to Coast AM" w/Ian Punnett; PSA, nxbrief ment "KEX newstime 2:31. KEX traffic...", Weather Channel forecast, Rush promo "on Newsradio 11-90 KEX. The More You Listen, The More You Know"; back to C2CAM. FAIR to VERY POOR. **(DP-HI)**
- 1270 WKBF IL Rock Island 1/25 1849. Area (Quad Cities) ads; back to Latino music at 1853; legal ID and "La Jefa" slogan at 1900 by female voice. Fair in QRM. **(JW-CO)**
- 1440 KTNO TX UniversityPark. 1/26 2200. Fair to good and in the clear. SS talk, legal ID in EE: "This is KTNO 1440 AM University Park-Dallas," then ID in SS. Needed CoL change, ex-Denton TX. Great signal for 350W night power. **(BD-WI)**
- 1460 WHBK NC Marshall. 1/24 1806 "The voice of North Carolina's #1 (missed) WHBK" by male announcer. Faint in the babble. New. **(Ed-II)**
- 1460 WJCP IN North Vernon. 1/24 1805. "1460 WJCP" by male announcer. Briefly surfaced

- out of the babble then gone. New. **(Ed-II)**
- 1520 WSUX IN **Shelbyville.** 1/9 0700 High School Sports spot Obits Local NX items **(DBJ-TN)**
- 1560 KTUI MO **Sullivan.** 1/23 0810. Local news and local ad's mentioning Sullivan. Fair in the babble. New. **(Ed-II)**
- TIS, HAR, etc

## DDXD-East

### REPORTERS

- JC-DE **John Cereghin, Smyrna** – FRG7, DT-400W
- BC-QC **Bogdan Chiochiu, Pierrefonds** - Sanyo MCD-S830
- BC-NH **Bruce Conti, Nashua** - SDR IQ, WR-CMC-30, MWDX-5, SuperLoop east 1130-Ω terminated and Ewe south 1150-Ω terminated.
- MC-NJ **Mike Clancy, Jersey City** – DX-396
- HF-MI **Harold Frodge - Michigan Area Radio Enthusiasts DXpedition, Brighton** - Drake R8B + 500' NE/SW unterminated beverage + 85 TTFD
- KK-VA **Kraig Krist, Manassas** - NRD-545, homemade 134 foot multiband antenna running NW to SE.
- IEN-GA **Ira Elbert New, III, Watkinsville** - Sony SRF-M37
- GS-ON **Greg Shoom, Toronto** - Eton E-100, Sangean DT-400W
- MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

### DX TEST

- 1240 WOON RI **Woonsocket** – 1/18 0200 - code IDs and voice announcements “This is a test broadcast, WOON Twelve-Forty...distance...” part of the voice announcements such as “...distance...” clearly cut through the mush. Also heard a sung NOS 1940s/early 1950s jingle - nice to hear such stuff from a short-skip North American broadcast, especially on such a crowded local channel where there are many even closer ones such as WSKI. **(BC-QC)**
- +++ - 1/18 0204 - DX test broadcast with Morse code ID and voice announcement with station ID and location repeated about once a minute. Morse code ID easily audible; voice ID less so. **(GS-ON)**

### UNIDs

- 920 - 1/25 1730 - mixing with CKNX, “News radio... WNIV and ... PLA...” into “Perspectives” mentioning Georgia. **(KK-VA)**
- 930 - 1/24 1720 - “... Baltimore Ravens... ESPN radio...” college basketball game mixing with music. 1741 “...nine thirty WB...” 1753 “...WFA (sounded like) sports...”. 1755 “Hey, Pirate fans...” **(KK-VA)**
- 1310 - 1/25 2215 - satellite loop feed from “ABC Radio Networks Test Channel” with test tones, heard past 2230 with no IDs. **(JC-DE)**

### LOGGINGS

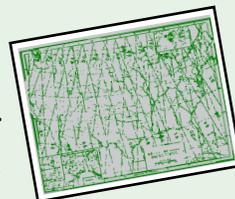
- 530 CIAO ON **Brampton** – 1/23 1100 – “This is Ciao AM 5-30”, disclaimer, into China Radio Int'l EE program. Good. **(HF-MI)**
- 540 CBGA-1 QC **New Carlisle** - 1/30 0100 - Briefly over CBT; “Radio Canada, CBGA...” with time check and news in FF. Audio uploaded to dxclipjoint.com Loco the DX Cat files. **(BC-NH)**
- 560 WCKL NY **Catskill** – 1/28 0208 - “The station that plays the music you can sing along to <noise> 98.5 <noise>, Tracy Chapman’s “Fast Car”. Slogan: “98.5 Bright FM”. This station is simulcasting WCTW 98.5, Bright FM. Logged thanks to a tip on one of the DX reflectors that this station appeared to have been accidentally left on its daytime power overnight. Certainly sounded like it. Also appeared to be slightly off frequency, closer to 561 than 560. 1 kW daytime / 43 watts nighttime. **(GS-ON)**
- 600 WCAO MD **Baltimore** – 1/18 0150 – very poor with Gospel music and local ID. **(GS-ON)**
- 610 WTVN OH **Columbus** – 1/18 1759 - ID heard under CKTB during a few seconds of si-

- lence at top of the hour. **(GS-ON)**
- 620 WSNR NJ Newark – 1/1 1858 – poor with ID: “This is AM 620 WSNR”. **(GS-ON)**
- 640 WCRV TN Collierville – 1/29 1820 - “Bible Answer Man” with some local church ads, //web stream. **(JC-DE)**
- 660 WFAN NY New York - 1/23 1700 - Excellent; “WFAN, WFAN-HD, and WXRK-HD3 New York,” into 20/20 Sports. **(BC-NH)**
- 720 WVCC GA Hogansville – 1/26 1731 – Traffic and weather for Midwest Georgia. Good signal. Slogan “720, The Voice”. **(IEN-GA)**
- WWII PA Shiremanstown - 1/23 1700 - Good; “You are listening to AM 720 The Rock, WWII Shiremanstown, Harrisburg...” into SRN news. **(BC-NH)**
- 740 KRMG OK Tulsa – 1/25 2200 - IDs and local news, local weather. **(JC-DE)**
- 850 WREF CT Ridgefield – 1/24 0730 - slogan “True Oldies Channel”. **(JC-DE)**
- WFTL FL West Palm Beach – 1/25 2205 - “Newsradio 8-5-0, WFTL” ID, south Florida weather. **(JC-DE)**
- 900 WCBX VA Bassett - 1/27 1710 - Mixing with CHML, sports talk about Pittsburgh Steelers. 1743 ad for “Proflowers” and “... mention WCBX...”. **(KK-VA)**
- CHML ON Hamilton - 1/27 1730 – station promo “Number one for news, talk and weather... CHML...it is five twenty nine. I’m Scott... broadcasting from the Convention Center...”. 1734 ID “AM nine hundred CHML news time five thirty four...”. **(KK-VA)**
- WJTH GA Calhoun - 1/27 1735 - Mixing with WCBX, CHML and SS station with C&W songs, “...at WJTH... chance of showers tonight...”. **(KK-VA)**
- 910 WAVL PA Apollo – 1/7 0715 - Religious. Talk by man and woman. Christian pop/rock music. ID as “Praise 910”. URL heard praise???.com. **(GS-ON)**
- WRNL VA Richmond - 1/26 1710 - Mixing with WLAT with slogan “Sports radio nine ten”, with talk on the VA Tech Hokies. **(KK-VA)**
- WLAT CT New Britain - 1/26 1802 – SS talk mixing with WRNL. EE slogan: “We have all the hits, mega hits... Hartford, New Britain...”. **(KK-VA)**
- 920 CKNX ON Wingham - 1/25 1724 - talk about upcoming concert with Brad Pasley. 1756 talk by female DJ: “...and that will do it for me, Shannon Adams. It is five fifty six. Jason Wright is up at six o’clock with your news and then you’ll hear some great oldies on ‘Vintage AM nine twenty’ tonight featuring the Statler Brothers...”. 1758 station promo “... weekday afternoons on your information and entertainment leader in western Ontario. AM nine twenty CKNX...your information country CKNX” into C&W song. 1800 ToH ID: “This is your information leader in western Ontario. AM nine twenty CKNX” into news. **(KK-VA)**
- 940 CINW QC Montreal - 1/23 1720 - Mixing with 2 stations with talk, woman giving number to call station: “514 790-0006. Lets say hello to Dave in St. John”. 1759 “AM nine forty news... light snow in Montreal... NHL All Star...”. 1802 “AM nine forty Montreal’s greatest hits...”. **(KK-VA)**
- 950 CKNB NB Campbellton – 1/1 1815 – poor with pop and rock music. Callsign ID. **(GS-ON)**
- 960 WHAK MI Rogers City - 1/30 1800 - Fair, over R.Relej Cuba; “WWTH FM Oscoda, WHAK AM Rogers City, and W231BF Alpena” into Thunder Country jingle. **(BC-NH)**
- 980 WHAW WV Weston – 1/6 1800 – ID (with musical background) “WHAW 980, broadcasting from Weston in the heart of West Virginia”, ad for Weight Watchers, PSA for prostate cancer, into ABC news. Signal faint but clear – first time visitor! **(MC-NJ)**
- 990 WDCX NY Rochester - 1/30 1800 - Good; “...on Life AM 990, WDCX and WDCX-HD Rochester,” into Christian right news and comment. **(BC-NH)**
- 1110 WGNZ OH Fairborn – 1/18 1729\* - Religious program, ID and announcement that station is signing off air until 8 a.m. tomorrow. Off air at 1732. **(GS-ON)**
- 1240 WHMQ MA Greenfield – 1/19 0031 - ID for WHMP. Promo for WHMP’s coverage of Obama’s inauguration Tuesday. Spot for New England sustainable energy funding grants. URL: whmp.com. Ads. WHMP-1400, Northampton, MA, is // to WHMQ. **(GS-ON)**
- WRTA PA Altoona – 1/19 0522 - ID heard: “...on News Talk 1240 WRTA”, poor. **(GS-ON)**
- WVKZ NY Schenectady – 1/19 0205 – ID, local weather forecast with “Real Oldies

- weather phone 453-1212" (not certain of phone number). **(GS-ON)**
- WWCO** CT **Waterbury** – 1/19 0530 – sound effect of telephone ringing followed by "WWCO", very poor. **(GS-ON)**
- 1260** **WFJS** NJ **Trenton** – 1/30 1400 - "Catholic Answers Live", //web stream, but very weak. Ex-WBUD. **(JC-DE)**
- 1310** **WTLB** NY **Utica** – 1/25 1530 - "The All New 1310, The Game", Fox Sports Radio, mentions of Rome, Utica and the Mohawk Valley. **(JC-DE)**
- WBFD** PA **Bedford** – 1/29 1500 - heard "...here on WBFD..." at the end of an ad string, then faded out. **(JC-DE)**
- 1320** **WJAS** PA **Pittsburgh** – 1/9 2247 – ad for Gold Line mentioning 1-800-985-3600 phone number, promo for "Swinging with Sinatra" program Sunday morning at 10 on WJAS, slogan "Pittsburgh's great music station is 13-20 WJAS". **(MC-NJ)**
- 1340** **WADE** NC **Wadesboro** – 1/29 1600 - heard a yelled "WADE" ID in the mush. **(JC-DE)**
- WGRV** TN **Greeneville** – 1/29 1625 - local ads, promos for a girls high school basketball tourney "...in the Tri Cities" that was to be carried on the local Comcast system, with announcers with strong southern accents. A check of their website confirmed all this so is probably them. **(JC-DE)**
- 1360** **WHBG** VA **Harrisonburg** – 1/25 1505 - James Madison University basketball promos. **(JC-DE)**
- 1400** **WAMC** NY **Albany** – 1/1 1755 - National Public Radio news, poor. **(GS-ON)**
- WSLB** NY **Ogdensburg** – 1/1 1755 - Sports talk. ID: "WLSB Ogdensburg". **(GS-ON)**
- 1410** **WELM** NY **Elmira** – 1/24 1314 – on enhanced winter groundwave or mid-day skip over usual WDOE groundwave with slogan "1410 WELM, ESPN radio in the Twin Tiers" into ESPN Gameday. **(MKB-ON)**
- WHTG** NJ **Eatontown** – 1/16 1254 – oldies (e.g. "Laugh Laugh" by Beau Brummels) hosted by male DJ, ID as "WHTG Eatontown...Real Oldies 14-10". 15° weather helped signal – usually only heard in very cold wx! **(MC-NJ)**
- WENU** NY **South Glens Falls** – 1/1 1735 – Nostalgia music, ID, poor on 1 kw day power. **(GS-ON)**
- 1480** **WADR** NY **Remsen** – 1/26 0901 – creaming WHBC with dual ID: "1550 WUTQ Utica and 1480 WADR Remsen...just beautiful" into "Will you still love me tomorrow" by the Shirelles. **(MKB-ON)**
- 1500** **WGHT** NJ **Pompton Lakes** – 1/24 0731 - "North Jersey weather", local sports, ID. **(GS-ON)**
- 1510** **WRNJ** NJ **Hackettstown** – 1/10 1057 – "WRNJ Hackettstown and WRNJ online...just 3 minutes before 11 o'clock...just a few minutes before QBC news..." into "Magic Carpet Ride" by Steppenwolf. First time logged; very cold weather helped signal. **(MC-NJ)**
- CKOT** ON **Tillsonburg** – 1/24 0845 - Country music. ID as "The New Country 107.3" (CKOT 1510 and CJDL 107.3 simulcast during the day). For a 10 kW station relatively near to me, this one proved difficult to catch. I've been trying for a month to hear it on an ultralight. Finally got it today. **(GS-ON)**
- WRRD** WI **Waukesha** – 1/3 0902 – "ESPN Deportes" (ESPN Sports in SS). Former WAUK. **(GS-ON)** *They are becoming a major pest around here. Mike*
- 1590** **WONX** IL **Evanston** – 1/2 2345 - Talk in unidentified Middle Eastern language - maybe Arabic? Middle Eastern music. Frequent mentions of Chicago. Verified by comparing it to WONX's webcast. **(GS-ON)**
- 1610** **CHHA** ON **Toronto** – 1/24 2152 - EE discussion about communication & understanding; 2156 SS announcements including Voces Latinas...CHHA ID spot. Nice to hear the call letters! Fair+ **(HF-MI)**
- 1680** **WTTM** NJ **Lindenwold** – 1/7 0645 - Excited talk in SS with lively Latin music. ID as "La Jefe". Callsign ID on hour in EE: "1680 WTTM Lindenwold-Philadelphia". Ads mentioning Philadelphia. Lots of slop from CHTO-1690. **(GS-ON)**

## Sunrise-Sunset Maps

Monthly maps (12) showing the average monthly sunrise/sunset times for the U. S.; customize them for your location. \$3.25 for NRC members (\$4.50, non-members). Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



# International DX Digest

**Bruce Conti** nrcidxd@aol.com  
46 Ridgefield Drive  
Nashua, NH 03062-1174

Foreign DX Catches. All times are UTC

Croatia caught in Colorado! Another country goes dark on AM! These stories and more coming right up, after Marc DeLorenzo presents "The Faroe Islands' Greatest Hits!" The logs last longer on IDXD! - Ok, that was just plain silly, or maybe I've been doing this too long. ¡Qué loco! (Hold on until March, Bruce - I'll give you a week off to rest, then, hi -pls.)

## Transatlantic DX

- 183 **GERMANY** *Europe 1*, Felsberg (49°17'N 6°41'E) JAN 24 2043 - Man in French; buried but audible. 2+ hours to local sunset here, got to be the earliest heard. LWBC in general, the best ever heard in Michigan all weekend. [Frodge-MI]
- 531 **ALGERIA** *Chaîne 1*, El Ain Beida (35°49'N 7°19'E) JAN 26 2139 - Fair atop channel during brief fade of Faroe Islands; religious Arabic vocal with horns and violins. [DeLorenzo-MA]
- 531 **FAROE ISLANDS** *Kringvarp Føroya Útvarpid*, Akraberg (62°01'N 6°46'W) JAN 24 2050-2217 - Good in peaks but subject to long fades and co-channel interference from Spain and Algeria, signal not as good as Jan 22. Mostly American pop and rock music with brief announcements by man in Faroese between songs. Recognizable tunes included Grand Funk "We're an American Band," Survivor "Eye of the Tiger," ELO "Don't Bring Me Down," Traveling Wilburys "Handle Me with Care," and The Beatles "Hello, Goodbye." News sounder at 2200 followed by the news in Faroese until 2207 then long monologue by a man until 2217 tune-out. JAN 26 2106-2200 - Mostly fair over Algeria with English pop music and interviews in Faroese. One cool song at 2131 I would describe as "Nordic Maritime" as it reminded me of both Irish and American seafaring music. This tune was in presumed Faroese. JAN 28 2128-2212 - Mostly fair but good in peaks with hymns and country hymns in English and presumed Faroese interspersed with phone calls in Faroese; the DJ would play one minute of a hymn and then yak on the phone for 3-5 minutes. Interesting format. [DeLorenzo-MA]
- 549 **GERMANY** *Deutschlandfunk* synchros JAN 26 0600 - Fair; classical music, DLF time pips. [Conti-NH]
- 603 **SPAIN** *RNE5* synchros JAN 25 0600 - Good; bumper music, time marker, and fanfare into "Radio Nacional de España, Informativos," parallel 585 kHz. [Conti-NH]
- 639 **SPAIN** *RNE1* La Coruña et al. JAN 28 2121 - Fair with sports play-by-play in Spanish, most likely soccer, parallel to 621 kHz. [DeLorenzo-MA]
- 720 **GREENLAND** *KNR Simiutaq* JAN 27 2115 - Poor to fair, all alone for about 40 minutes; Danish language, all talk. [Barstow-MA]
- 774 **SPAIN** *RNE1* synchros JAN 25 2240 - Good; discussion in Spanish. An unID intermittent signal would pop up between 773 and 775.5 kHz, the 775 audio sounded parallel 774 *RNE*. [Conti-NH]
- 819 **EGYPT** *ERTU* Batra (31°09'N 31°27'E) JAN 27 2317 - Fair with prayers along with the slop. Parallel 864 which had Egypt and France mixing. About 5 minutes later Egypt was dominating the channel. [Barstow-MA]
- 963 **PORTUGAL** *R.Sim*, Seixal (38°38'N 9°05'W) JAN 27 2217 - Fair; talk. Presumed Tunisia under them with Arabic music. [Barstow-MA]
- 1062 **ITALY** *Rai Radiouno* synchros JAN 27 2301 - Presumed; weak audio and sign-off 2301. [Barstow-MA]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) JAN 23 2019 - Nice fade up with about 5 minutes of audio. First European here in many years. Still in and out at 1830. Thanks to heads up on the NRC-AM list! [Heinen-CO]



## La Rancherita del Aire

580 AM

"Es mía porque es la del pueblo"  
Transmitiendo desde Piedras Negras, Coahuila, México.

### Pan-American DX

- 570 **CUBA** CMDC *R.Relej*, Santa Clara (22°24'N 79°56'W) JAN 25 0026 - Weak; man and woman in Spanish, but pips and RR easily heard in the jumble. [Frodge-MI]
- 580 **MEXICO** XEMU Piedras Negras, Coah (28°44'N 100°31'W) JAN 21 1100 - Out of lively Spanish music, "La Rancherita del Aire" slogan. [Heinen-CO] JAN 23 0240 - Talk, *La Rancherita* slogan, mentioned Piedras Negras, birthday greetings, phone calls; rose above everything else briefly. New. [Paszkievicz-WI]
- 730 **MEXICO** XEHB *R.Viva Villa*, Hidalgo del Parral, Chih JAN 25 1350 - Banda and other XE tunes; no live announcements or ads heard, just canned versions of "Radio Viva Villa" slogans; full English/Spanish ID at 1413: "This is XEHB AM 7-3-0; XEHB Siete Treinta, cincuenta mil wats de potencia...;" also gave address and mentioned Grupo Radiofónica ZER. Good signal, sounding very much like the announced 50,000 watts and dominating 730 here. Also heard on Jan 26 in the morning and evening with same routine. Ex-770 and Chihuahua #46 here. Pancho Villa was from Parral, hence the unique "Radio Viva Villa" slogan. [Wilkins-CO]
- 870 **CUBA** CMDT *R.Relej*, Sancti Spíritus (21°56'N 79°26'W) and unID location JAN 25 2301 - Good, over WHCU; syncopated clock, minute marker, and RR code with echoed audio indicating more than one *R.Relej* on the frequency. [Conti-NH]
- 960 **CUBA** *R.Relej*, multiple sites JAN 30 2300 - Beeps and ticker under WHAK. [Conti-NH]

### Contributors

**Roy Barstow**, Teaticket MA; SDR IQ, east/west Flag.

**Bruce Conti**, Nashua NH; SDR IQ, WR-CMC-30, MWDX-5, 13 x 20-m SuperLoop east 1130-Ω terminated, 15 x 23-m Ewe south 1150-Ω terminated.

**Marc DeLorenzo**, South Dennis MA; JRC NRD-525, SuperLoop with remote variable termination.

**HaroldFrodge**, Michigan Area Radio Enthusiasts DXpedition, Brighton MI; Drake R8B, 500-ft NE/SW unterminated Beverage, 85-ft TTFD.

**WayneHeinen**, Aurora CO; Drake R8B, Kiwa Loop, east/west Flag and north/south Flag coupled to a Dual TG-1 Termination Gizmo and Mini DXP5, DX Engineering RPA-1 preamp.

**Sheryl Paszkiewicz**, Manitowoc WI; NRD-515, Eavesdropper.

**John Wilkins**, Wheat Ridge CO; Drake R8, 4-foot box loop.

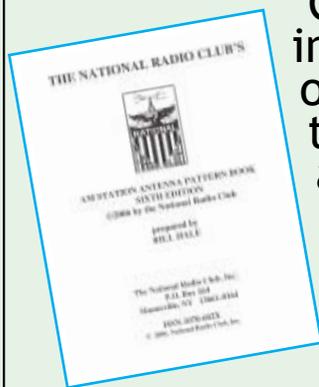
### International News

**SLOVAKIA:** Slovakia is leaving the MW band. The last three transmitters (702 Presov, 1017 Rimavská Sobota, and 1098 Nitra) will be switched off for good on Sunday, February 1, 2009. Radio Patria, a program for national minorities, changes to FM. [Karel Honzik, *mwdx*]

73 and Good DX!

## The NRC AM Station Antenna Pattern Book

This Sixth-Edition Antenna Pattern Book now includes daytime and "Graveyard" frequency patterns for the first time. Stations in Alaska and Hawaii are listed on separate pages at the end of the book. The basic list of U.S. and Canadian stations comes from the 26th Edition of the National Radio Club's AM Radio Log. Mexican stations in the states bordering the United States plus those stations elsewhere which are easily heard in the U.S. and Canada are also included. All data is up-to-date as of November 1, 2005. Prices: \$16.95 to USA/Canada NRC members, \$22.95 USA non-members, \$25.95, Canada non-members/all overseas orders. Canadian orders: PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



# *A New Slider Loopstick for the Sangean DT-200VX*

## *A Revolutionary Sensitivity Boost for Another Ultralight Model*

*By Gary DeBock*

Introduction: Last summer, a group of determined Washington state experimenters combined resources in pursuit of a single goal-- greatly improving the DXpedition performance of the Eton E100 Ultralight radio. Major breakthroughs were gained in boosting both sensitivity and selectivity, with thrilling DX results. The major sensitivity boost was obtained by the development of the "Slider" loopstick, an innovative antenna design in which a movable coil can slide along a large ferrite bar, allowing DXers to peak weak AM signals on the loopstick itself (as opposed to securing the coil at the 600 kHz peak position, which is the standard alignment procedure.) This provides not only a huge sensitivity boost over the stock unit, but an extra tuned circuit to aid in selectivity, and filter out unwanted image and spurious signals. The experimental breakthrough of the Eton E100 "Slider" loopstick has brought extreme sensitivity within the reach of Ultralight radio DXers, and provided a final solution to the problem of limited high or low-band AM sensitivity in digital pocket radio designs.

The Sangean DT-200VX is another digital Ultralight radio with a medium wave front end design very similar to that of the Eton E100, and it also suffers from limited sensitivity bandwidth, in stock form. Throughout the highly successful E100 experimentation, I was certain that the same concepts would apply equally well in transforming the DT-200VX receiver into an ultra-sensitive DX chaser, and was eager to carry out such experiments at the earliest opportunity.

Why a DT-200VX Slider model? With the fully modified E100 such a stellar performer, some may wonder about the necessity of transplanting a Slider loopstick into this 450 kHz IF model, given the lack of premium IF filter upgrades, and the recent decision of Sangean to terminate this model in favor of the new DT-400W Ultralight radio. The most logical reason is that the DT-200VX is identical to the DT-400W in loopstick design, and that the Slider model developed for the DT-200VX will surely be a stellar performer in the new DT-400W design. And with both the E100 and DT-200VX no longer manufactured, the DT-200VX/ DT-400W Slider design is likely to be increasingly important as dealers exhaust their stock of the discontinued models, leaving the DT-400W as one of the very few Ultralight radios in production benefiting greatly from the Slider loopstick modification. Although this transplant task is certainly more challenging than the E100 Slider loopstick project, it should be well within the capability of hobbyists with moderate technical experience.

The DT-200VX stock loopstick Although it is unfortunately buried at the bottom of the radio in both the DT-200VX and DT-400W models (to avoid digital hash in the upper cabinet), the stock loopstick's design is commendable, and it has the most ferrite in the Ultralight class at 2.15" x .3" (54 x 7 mm). It would be far more effective in an isolated position, and experimenters have discovered a major boost in DT-200VX sensitivity results from simply mounting the stock loopstick outside the cabinet. Four loopstick coil leads connect to two separate coils, one of which is wound piggyback on top of the other. The base coil has an inductance of .196 microhenries at the 600 kHz peak position on the stock loopstick, while the much smaller piggyback coil has an inductance of .016 microhenries at the same 600 kHz peak. The four stock Litz wire connections from the loopstick to the RF circuit board are notoriously flimsy, and easily separate from their miniscule connecting terminals (as the author has repeatedly discovered to his regret, during loopstick transplant experiments). Despite this, the replacement 40/44 Litz wire is both sturdy and extremely effective, with optimum results on all AM band frequencies.

Plan of attack A Slider loopstick system consisting of a 7.5" x .5" Amidon type 61 ferrite bar wound with a movable system of two 40/44 Litz wire coils should provide a huge sensitivity boost for this DT-200VX design. Optimum sensitivity should be uniform throughout the AM band, and the Slider system should also provide a measure of selectivity to compensate for the huge sensitivity boost, with some additional spurious signal rejection. The new Slider loopstick will be mounted in an isolated position well separated from the upper cabinet's digital hash, and should provide greatly enhanced nulling ability relative to the buried stock loopstick.

Tools, materials and skills required The major challenge of this project will be soldering the 40/44 Litz wires to extremely tiny terminals on the RF circuit board. A bus wire coil attachment on the tip of



a standard soldering iron will be necessary, to avoid frying adjacent components, or creating unwanted solder bridges. The four Litz wires will be routed through a hole in the cabinet's right side, created by removal of the "Lock" function plastic switch panel. The following tools will be required:

Standard soldering iron with bus wire tightly wound at the tip, extending to a short point for actual soldering (see photo)

Phillips screwdriver set

Diagonal cutters

Needle-nose pliers

The following materials will be required, in addition to a stock DT-200VX, plus belt clip:

One Type 61 Amidon 7.5" x .5" ferrite bar (available from <http://www.amidoncorp.com> for \$20 plus shipping, part # R61-050-750)

Approximately 20' of 40/44 Litz wire, available from Dave Schmarder at [thefiercerabbit@1n34a.com](mailto:thefiercerabbit@1n34a.com) (contact Dave first, to arrange the order, and confirm the material availability and shipping cost)

Coil form material (Johnson and Johnson 1" or 2" waterproof tape, or 5/8" black vinyl tubing, available at major hardware stores). Black vinyl coil forms will require adhesive to hold the coils on the forms, whereas waterproof tape forms will require a thin spacer (a cut-up credit card thin section works well) to place between the coil and .5" diameter base material (a router bit shank is ideal), when winding the coils. The spacer (pulled out and discarded after coil winding) ensures that coils will slide easily on the ferrite bar.

One or two plastic tie-wraps, depending upon the loopstick mounting system desired

A plastic or plywood mounting system for the Slider loopstick. The photos show a plastic frame system, **attached by super-glue to the belt clip, inverted in the back slot.** This plastic frame was cut from a 48" plastic level offered by Ace Hardware (for \$10.)

Rubber air hose shock mount sections, 1" long and .5" inner diameter (one or two, as desired by chosen design)

Shrink tubing as desired, to neatly route the four Litz wires to the Slider loopstick coils



### Creating the Slider loopstick

From the desired coil form material, cut a 2" long section and place it on the .5" diameter base material (router bit shank, or other slippery metal surface). Leaving 6" lengths of Litz wire at the ends of each coil, wind a coil of 47 turns for the base coil, and 11 turns for the piggyback coil (which should begin 4 turns from the left edge of the base coil, the base coil edge which will be closest to the center of the ferrite bar). This will create a coil having a tuning range of approximately 3/8" (90 mm) from 530 kHz to 1710 kHz on the ferrite bar, with the 1710 kHz peak position about 1" (25 mm)

from the right end of the bar.

The stock loopstick has color-coded Litz wire connections to the circuit board, which are as follows:

Gold: base coil right lead (closest to the edge of ferrite bar)

Black: base coil left lead

Green: piggyback coil right lead (closest to the edge of ferrite bar)

Red: piggyback coil left lead

Cut the Litz wires fairly close to the stock loopstick, and remove the loopstick from the radio. The connections from the Slider loopstick to the circuit board will be made using the color coded stock Litz wires as a guide. Route the four Slider loopstick Litz wires through a 3" long shrink tubing section if desired (for a neat appearance), and pre-tin a very short section of bare wire on the ends of the Litz wires to aid in circuit board soldering. Using the color codes and the above list of coil connections, individually desolder each stock Litz wire and immediately connect the corresponding Slider loopstick lead in its place. The two connections for the piggyback coil are in an extremely tight area of the circuit

board, and will require steady nerves, and a bus wire attachment on the soldering iron (which should be held horizontally, to avoid having the bus wire attachment fall off accidentally). The four Slider loopstick wires are routed through an empty hole left by the removal of the "Lock" plastic switch plate, on the right side of the DT-200VX cabinet.

Securing the Slider loopstick For hobbyists using a plastic mounting frame, there are two options for mounting the loopstick, as shown in the photos. Two short rubber air hose shock mounts may be placed at the ends of the loopstick, secured by plastic tie-wraps to the frame. Alternatively, one longer shock mount may be used on the left side of the loopstick, placed to ensure that the headphone jack is not obstructed. The plastic frame is glued to the flat surface of the belt clip, which is inverted and glued to the mounting slots near the top of the back panel.

Builders preferring a plywood mounting system can presumably use a Velcro mounting system for the DT-200VX, like that described by John Bryant in the E100 Slider Loopstick article (currently posted on [www.ultralight.com](#), in the Ultralight Radio File section). John has also published subsequent articles describing various ways of mounting the Slider loopstick, which would also apply for this DT-200VX Slider loopstick model in a plywood frame system..



Resulting DX performance The goal of this project was to provide a major sensitivity boost for the DT-200VX and DT-400W designs, making them competitive with the new E100 Slider units in weak-signal DX capability. Such a high sensitivity level is a very tough act to duplicate, with the new E100 Slider models demonstrating sensitivity equal or superior to even full-sized classic AM-DX portables. However, since identical loopstick material (type 61 ferrite and 40/44 Litz wire) was used, it was hoped that the resulting weak-signal ability would be similar.

No attempts were made to improve upon stock selectivity during this project, although Guy Atkins and others have published articles describing 450 kHz IF filter upgrades suitable for the DT-200VX. These filter upgrades will surely improve overall DX performance in the DT-200VX, but for the purposes of this project, the selectivity of the new DT-200VX Slider model will only be compared to that of the stock model (to judge whether the huge sensitivity boost has had any detrimental effect on selectivity), and to that of the E100 Slider-only model, the logical competing Ultralight design.

DT-200VX Slider vs. E100 Slider During the short period since its development, the E100 Slider model has already gained a rather impressive DXing reputation in the Ultralight Community. The newly designed DT-200VX Slider was tested thoroughly against this model, and a stock DT-200VX. For the purposes of this transplant experiment, the new DT-200VX Slider loopstick would ideally equal the new E100 Slider loopstick in sensitivity, and also not degrade the selectivity of the stock DT-200VX. For reference purposes, a stock ICF-2010 was also included in the sensitivity tests. The stock ICF-2010 is obviously superior to the other units in selectivity (with switchable filters), and was not included in the selectivity tests against these Ultralight models with only basic stock IF filters. Fresh batteries and alignments were provided for the units, prior to the Shootout (note that the ICF-2010 loopstick is fixed, and cannot be aligned).

Slider Sibling Shootout All four radios were tested during enhanced daytime DX conditions from 12:00PM to 2:00PM, December 28, 2008, in the typical suburban location of Puyallup, WA (35 miles south of Seattle). The stock ICF-2010 used the synch function during all testing, and both Slider loopstick models had the coils carefully peaked on each received signal.

## SENSITIVITY

<u>Station</u>	<u>DT-200VX –Slider</u>	<u>E100 –Slider</u>	<u>Stock ICF-2010</u>	<u>Stock DT-200VX</u>
550-KARI/ KOAC	both (strong)	both (strong)	both (moderate)	nil
590-KUGN/ KQNT	both (moderate)	both (moderate)	both (weak)	trace of KQNT
790-KGMI	weak	weak	trace	nil
1040-CKST	moderate	moderate	weak	trace
1510-KGA	moderate	moderate	weak	trace
1640-KDZR	moderate	moderate	trace	trace

**Sensitivity Summary:** Both Slider loopstick models had equal sensitivity across the AM band. These models had a slight sensitivity edge over the stock ICF-2010 on the low end, which became more pronounced on the high end (especially on the X-band). The stock DT-200VX was not competitive with the other units, although its high band sensitivity was better than its low band performance (a common situation with stock DT-200VX models).

### SELECTIVITY

Station DT-200VX –Slider E100- Slider Stock DT-200VX

580-KIDO light KVI slop no KVI slop light KVI slop  
 730-CHMJ light KIRO slop light KIRO slop light KIRO slop  
 1110-KWDB light KPTK slop no KPTK slop light KPTK slop  
 1380-KRKO light KKMO slop no KKMO slop light KKMO slop  
 1460-KUTI light KSUH slop no KSUH slop light KSUH slop

**Selectivity Summary:** The E100 Slider model has a *slight* selectivity advantage over the new DT-200VX Slider unit, because of the superior IF filter in the E100 stock unit. The DT-200VX Slider model has equivalent selectivity with the stock DT-200VX, however, avoiding any degradation due to the huge sensitivity increase provided by the Slider loopstick.

DT-200VX Slider Model Verdict The experimental goal of a huge sensitivity boost for this model has been entirely successful, with no degradation to the level of selectivity provided by the stock unit (which is typical of Slider loopsticks, which provide a slight measure of selectivity due to the additional RF tuned circuit, compensating for the greatly increased sensitivity). The ultimate DXing performance of this DT-200VX Slider model depends greatly on upcoming experimental efforts to upgrade the stock 450 kHz IF filter, which hopefully will be successful in providing a great selectivity boost in combination with the Slider loopstick's sensitivity boost (as was successfully performed in the E100, with the Murata CFJ455K5 455 kHz IF filter transplant). Without such selectivity improvement, the DT-200VX Slider model would still provide exciting weak-signal DXing opportunities for domestic DXers in rural locations, and moderate performance in urban and suburban locations. It would not quite equal the performance of the E100 Slider-only models with their superior IF filter, however, and would certainly fall far short of the fully-modified E100's (Slider + Murata IF filter) in transoceanic 9-kHz split performance.

New Class of Supremely DX-Capable Portables The successful combination of major sensitivity and selectivity improvements in the E100 Ultralight radio created an unusual DXing portable which is somewhat of an oddball—a commercially non-viable ultra-compact portable radio with overall AM-DXing performance exceeding that of any traditional stock portable. Obviously no manufacturer will design a new AM-DXing portable with a \$50 premium IF filter, or a 7.5" sliding-coil loopstick. Our market presence is not considered significant enough for such an investment.

With Eton's termination of the E100 model, experimenters are turning their attention to other Ultralight models which may be suitable for such a radical transformation, and this Sangean DT-200VX project (and ultimately the DT-400W) is one of these efforts. The C.Crane SWP model is also getting a great deal of attention as a candidate for radical transformation. Eventually, the experimental breakthroughs will provide many domestic and transoceanic DXers with access to these new supremely-capable compact portables, regardless of our presumed irrelevance in the commercial market. As compact travel portables or even as basic DXpedition receivers, the newly transformed Ultralights have a lot to offer throughout this exciting New Year!

73 and Best Wishes, Gary DeBock

(The author wishes to express gratitude to John Bryant for extensive assistance in the preparation of this article, and to Steve Ratzlaff for his recent assistance in experimental efforts)



# College Sports Networks

**John Cereghin** mwdx@pilgrimway.org  
38 S. Carters Rd  
Smyrna, DE 19977-1203

## Network listings for college sports stations

This time around, we list the men's basketball radio networks of the Southeast Conference.

### Southeastern Conference Men's Basketball Networks Flagship stations in **bold**

#### ALABAMA CRIMSON TIDE

570	WAAX-AL	1340	WFEB-AL	93.3	WHRP-AL	100.1	WDXX-AL
730	WUMP-AL	1360	WIXI-AL	93.9	WQSI-AL	100.3	WKGA-AL
780	WZZX-AL	1360	WMFC-AL	93.9	WYTK-AL	100.9	WCJM-GA
860	WAMI-AL	1400	WWTM-AL	95.1	WXFX-AL	101.3	WAGF-AL
920	WGOL-AL	1430	WFHK-AL	95.5	WFMH-AL	102.3	WAMI-AL
950	WNZZ-AL	1440	WLWI-AL	95.5	WHMA-AL	105.5	WNSP-AL
980	WKLF-AL	1460	WFMH-AL	97.7	WHPH-AL	105.9	WKXM-AL
990	WLDX-AL	1490	WHBB-AL	97.7	WKLD-AL	105.9	WRHY-AL
1130	WACQ-FL	1570	WCRL-AL	97.9	WRVX-AL	<b>105.9</b>	<b>WRTR-AL</b>
1230	WJBB-AL			98.3	WKEA-AL	106.1	WBMH-AL
1230	WRJX-AL	92.1	WZEW-AL	98.5	WINL-AL	106.3	WKNU-AL
1240	WULA-AL	92.7	WAFN-AL	99.3	WMFC-AL	107.7	WFXX-AL
1300	WKXM-AL	92.7	WJBB-AL	99.5	WZRR-AL	107.7	WPRN-AL
1320	WAGF-AL						

#### ARKANSAS RAZORBACKS

610	KARV-AR	1540	KDYN-AR	99.1	KSMD-AR	103.7	KABZ-AR
800	KAGH-AR	1580	KHGG-AR	99.5	KHMB-AR	103.9	KCJF-AR
860	KWRF-AR			99.5	KMTB-AR	103.9	KPGG-AR
900	KHOZ-AR	92.1	KDQN-AR	99.9	KGPO-AR	104.1	KPOC-AR
920	KARN-AR	92.1	KKEG-AR	100.5	KZHE-AR	104.5	KTRN-AR
970	KCFO-OK	92.3	KSAR-MO	101.3	KARV-AR	104.9	KAGH-AR
980	KCAB-AR	92.5	KWYN-AR	101.7	KCTT-AR	104.9	KHPA-AR
1230	KBTM-AR	93.9	KAGL-AR	101.7	KVOM-AR	105.5	KWAK-AR
1240	KVRC-AR	93.5	KBFC-AR	102.1	KENA-AR	105.5	KWRF-AR
1240	KWAK-AR	93.7	KHBM-AR	102.3	KCJC-AR	105.9	KLAZ-AR
1290	KUOA-AR	95.3	KCXY-AR	102.9	KARN-AR	106.9	KXIO-AR
1360	KFFA-AR	96.1	KMRX-AR	102.9	KHOZ-AR	107.3	KQDD-AR
1390	KDQN-AR	96.3	KTG-AR	103.1	KFFA-AR	107.5	KOMT-AR
1400	KWYN-AR	96.7	KDYN-AR	103.1	KHGG-AR	107.9	KEZA-AR
1420	KBHS-AR	96.7	KOKR-AR	103.3	KWOZ-AR		

#### AUBURN TIGERS

630	WJDB-AL	1350	WGAD-AL	92.3	WLWI-AL	98.7	WESZ-AL
740	WMSP-AL	1380	WVSA-AL	92.7	WJBB-AL	99.1	WDGN-AL
800	WHOS-AL	1400	WXAL-AL	92.7	WTDR-AL	100.1	WDXX-AL
990	WEIS-AL	1430	WLTG-FL	94.3	WQZX-AL	100.5	WJOX-AL
1230	WBHP-AL	1470	WPGG-AL	95.5	WJDB-AL	102.3	WELR-AL
1250	WHNY-MS	1490	WHBB-AL	95.9	WTWX-AL	103.7	WAAO-AL
1250	WZOB-AL	1570	WCRL-AL	97.5	WKGA-AL	103.9	WJRL-AL
1270	WSHE-GA			97.7	WKKR-AL	105.1	WPFL-FL
1290	WBTG-AL	88.5	WJBE-AL	97.7	WKLD-AL	105.5	WNSP-AL
1310	WHEP-AL	92.1	WKUL-AL	98.3	WALW-AL	106.5	WJEC-AL
1330	WZCT-AL						

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**FLORIDA GATORS**

Mick Hubert, Mark Wise

540	WFLF-FL	930	WFXJ-FL	1340	WDSR-FL	1600	WKWF-FL
590	WDIZ-FL	930	WLSS-FL	1350	WDCF-FL	1660	WCNZ-FL
620	WDAE-FL	1130	WWBF-FL	1420	WAOC-FL		
730	WWTK-FL	1230	WONN-FL	1450	WSTU-FL	93.3	WGWD-FL
760	WEFL-FL	1230	WSBB-FL	1450	WWJB-FL	98.1	WTKE-FL
850	WFTL-FL	1250	WHNZ-FL	1480	WVOI-FL	103.7	WRUF-FL
850	WRUF-FL	1250	WQHL-FL	1560	WINV-FL	106.1	WUTL-FL
900	WMOP-FL	1260	WIYD-FL	1570	WOKC-FL	107.9	WUCR-FL
920	WMEL-FL						

**GEORGIA BULLDOGS**

550	WDUN-GA	1260	WUFE-GA	1450	WRGA-GA	97.7	WTCQ-GA
580	WGAC-GA	1300	WMTM-GA	1450	WVLD-GA	97.7	WWUF-GA
610	WCEH-GA	1330	WLBB-GA	1470	WCLA-GA	100.1	WPUP-GA
750	<b>WSB-GA</b>	1330	WMLT-GA	1490	WSNT-GA	103.9	WDDK-GA
860	WDMG-GA	1340	WTIF-GA	1490	WSYL-GA	104.1	WRBN-GA
900	WJTH-GA	1390	WISK-GA	1590	WTGA-GA	104.5	WYYU-GA
900	WLGJ-GA	1400	WCOH-GA	1600	WFIS-SC	105.1	WKUB-GA
940	WMAC-GA	1400	WLSB-TN			105.1	WZGA-GA
960	WRFC-GA	1420	WPEH-GA	92.1	WBTR-GA	105.5	WIFN-GA
980	WKLY-GA	1420	WRCG-GA	92.1	WPEH-GA	105.5	WIFO-GA
1230	WBLJ-GA	1440	WGIG-GA	92.1	WSGC-GA	106.3	WGMK-GA
1240	WGGA-GA	1450	WCON-GA	93.5	WLJA-GA	107.5	WDBN-GA
1240	WPAX-GA	1450	WGPC-GA	95.3	WSRM-GA	107.5	WTIF-GA
1240	WWNS-GA	1450	WKEU-GA	97.7	WMGZ-GA		

**KENTUCKY WILDCATS**

630	WLAP-KY	1490	WOMI-KY	95.9	WFTM-KY	103.9	WWEL-KY
680	WCTT-KY	1490	WSIP-KY	95.9	WGKY-KY	103.9	WXKQ-KY
840	WHAS-KY	1520	WLGC-KY	96.3	WIVY-KY	104.1	WCKQ-KY
860	WSON-KY	1530	WCKY-OH	97.1	WSEK-KY	104.3	WEZJ-KY
970	WFSR-KY	1550	WMSK-KY	97.7	WWKY-KY	104.3	WXBC-KY
1060	WFLE-KY	1580	WPKY-KY	98.1	WBUL-KY	104.9	WAVJ-KY
1110	WKDZ-KY			98.7	WHOP-KY	104.9	WJRS-KY
1140	WMMG-KY	92.5	WBKR-KY	98.9	WSIP-KY	104.9	WKHG-KY
1230	WHOP-KY	92.7	WRVC-WV	99.1	WCBL-KY	105.1	WRNZ-KY
1240	WFTM-KY	93.1	WDHR-KY	101.1	WSGS-KY	105.1	WTUK-KY
1240	WSFC-KY	93.5	WAIN-KY	101.7	WKYM-KY	105.5	WKYA-KY
1270	WAIN-KY	93.5	WMMG-KY	102.1	WLLE-KY	105.7	WLGC-KY
1290	WCBL-KY	93.9	WKTG-KY	102.3	WDXC-VA	106.5	WKDZ-KY
1310	WDOC-KY	94.3	WLIE-KY	102.3	WUGO-KY	106.7	WLFX-KY
1340	WCMI-KY	95.1	WFLE-KY	102.7	WEKX-KY	106.7	WNKR-KY
1400	WFTG-KY	95.1	WGGC-KY	103.1	WPKE-KY	107.3	WCIT-KY
1420	WVJS-KY	95.3	WMSK-KY	103.5	WAKY-KY	107.7	WKCA-KY
1440	WEZJ-KY	95.5	WQHY-KY	103.7	WSTV-KY		

**LOUISIANA STATE TIGERS**

870	WWL-LA	1490	KEUN-LA	93.1	WYAB-MS	102.7	KJNA-LA
970	KSyl-LA	1490	KJIN-LA	93.5	KJAE-LA	102.7	KWLT-AR
1130	KWKH-LA	1560	KGOW-TX	97.7	KNBB-LA	107.1	KFNV-LA
1230	KSLO-LA			100.7	WYPY-LA	107.3	WFCG-MS
1350	WSMB-LA	92.5	KVPI-LA	101.9	KNOE-LA	107.5	KCIL-LA
1470	KLCL-LA	92.9	WBOX-LA				

**MISSISSIPPI REBELS**

560	WHBQ-TN	92.1	WBKN-MS	97.3	WFMM-MS	104.5	WQJB-MS
1420	WVBG-MS	92.9	WDXO-MS	98.3	WJDR-MS	104.9	WBUV-MS
1450	WROB-MS	93.7	WQLJ-MS	99.1	WYMX-MS	106.7	WWMR-MS
1490	WHOC-MS	94.3	WXRZ-MS	99.3	WZLT-MS	107.1	WLSM-MS
1580	WPMP-MS	95.3	WAFM-MS	103.3	WZKR-MS	107.7	WAZA-MS

Two URL's you need: <http://e-dxn.com>; <http://www.nrcdxas.org>

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