

# DXN News

• Serving DX'ers since 1933 •

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*From the Publisher ...*Wow! What a great time we had at the Pittsburgh convention! Many thanks to John Malicky for keeping it all threaded together, even with the last-second changes that cropped up. John promised to have the full chronicle finished by next week's DXN ... and very soon we should have news of next year's convention, as soon as the formal bid is made and the BoD makes the selection in case of more than one bid.

Next week's DXN? Yep, we're back into the weeklies again, and I think you'll agree that kicking off the new season this 48-pager is not one of the "weakies". Let's keep the contributions rolling in this year. Hey, keep me busy, okay? Retirement is for sissies ...

*College Sports ...* We welcome John Cereghin to the stable of DXN editors; he pulled together a fine College Sports column for this issue, and if you access his forum on e-DXN, you'll find a list of future needs to fill future columns.

*Mexican Station Listings ...* John Callarman has updated his Mexican Station Listings for 2008. They are now available for download from nrcdx-as.org; simply click the link that's posted under "Latest NRC News" or in the "Articles" section. Many thanks to John for his efforts in maintaining these frequency lists.

*Election Time in Canada ...* Our neighbor to the north will have a Federal election on October 14th. Shawn Axelrod warns us that night should see all kinds of special programming and reports on local stations after the polls close at 20:00. Also there will be commercials for various parties running up until the 14th on air, such as the Liberal Party, the Conservative Party or Tories, the New Democratic Party, or NDP, the Green Party, and the Bloc Québécois (in Quebec only,) or BQ. Also, CBC has been mandated to carry election ads on Radio One even though they never have ads on.

*Orders to NRC Publications ...* Publications Manager (among other duties) Wayne Heinen reminds those sending orders, especially from Canada, that payment must be made in USA funds; payments from some folks up north have been arriving in Canadian funds, and Wayne says that even though the exchange rate is close between

the two countries that there's still a hefty fee charged by banks in the USA for conversions. So - Canadian members: payment by postal money order or PayPal only, please.

*Unfilled positions ...* We're still in need of volunteers for the following positions: a DXN publisher, ASAP; a DDXD-West editor by January 1 or so; replacement editors for languished columns ("The Answerman" and "Memory Dredging"), and one or more persons to edit future NRC publications developed by contributors or the club. Training is available!

## DXN Publishing Schedule, Volume 76

Deadline Publ Date		Deadline Publ Date	
2.	Sept. 26 Oct. 6	16.	Jan. 9 Jan. 19
3.	Oct. 3 Oct. 13	17.	Jan. 16 Jan. 26
4.	Oct. 10 Oct. 20	18.	Jan. 23 Feb. 2
5.	Oct. 17 Oct. 27	19.	Jan. 30 Feb. 9
6.	Oct. 24 Nov. 3	20.	Feb. 6 Feb. 16
7.	Oct. 31 Nov. 10	21.	Feb. 13 Feb. 23
8.	Nov. 7 Nov. 17	22.	Feb. 20 Mar. 2
9.	Nov. 14 Nov. 24	23.	Feb. 27 Mar. 9
10.	Nov. 21 Dec. 1	24.	Mar. 6 Mar. 16
11.	Nov. 28 Dec. 8	25.	Mar. 20 Mar. 30
12.	Dec. 5 Dec. 15	26.	Apr. 3 Apr. 13
13.	Dec. 12 Dec. 22	27.	May. 1 May 11
14.	Dec. 26 Jan. 5	28.	June 5 June 15
15.	Jan. 2 Jan. 12	29.	July 10 July 20
		30.	Aug. 7 Aug. 17

## DX Time Machine

*From the pages of DX News*

50 years ago ... (I'm still looking for Kermit Geary's files for this column. I have a funny feeling that they're in Wayne Heinen's basement along with a slew of other items that I transported there last June. I suspect that I picked them up under a membership list. Sheesh!)

25 years ago ... from the September 26, 1983 DXN: Gene Martin, Denver, CO, provided a trivia question: What was the first 50 kW station west of the Mississippi? WFAA-800, on May 10, 1930.

10 years ago ... from the September 21, 1998 DXN: Ernie Cooper, Provincetown, MA, reported that DX'ing for him had become a memory after his second bypass operation required him to keep regular sleeping hours at night instead of DX'ing then.



# AM Switch

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

## CALL LETTER CHANGES

	<u>Old Call</u>			<u>New Call</u>
540	WXYG	MN	Sauk Rapids	WMIN
580	WOFE	TN	Rockwood	WYHM
780	WCXH	ME	Monticello	WXME
				(CP from 710)*
820	WWWB	MD	Frederick	WWFD
850	KWOF	IA	Waterloo	KXGM
950	KKFN	CO	Denver	KRWZ
990	WRCI	NY	Rochester	WDCX
1050	WFED	MD	Silver Spring	WTOP
1140	KCLE	TX	Cleburne	KHFX
1200	WEMM	WV	Huntington	WRWB
1240	WMJQ	FL	Cross City	WZCC
1260	WBUD	NJ	Trenton	WFJS
1360	WPTT	PA	McKeesport	WMNY
			(has CP to 910 at Mount Lebanon)	
1370	KALN	KS	Iola	KIOL
1400	NEW	NY	Middletown	WZCC
			[ . . . wait . . . ]	
1400	WZCC	NY	Middletown	WMJQ
1400	WTCY	PA	Harrisburg	WHGB
1420	WACT	AL	Tuscaloosa	WENN
1460	KHFX	TX	Burleson	KCLE
1490	WRTN	NH	Berlin	WKDR
1500	WWWT	DC	Washington	WFED
1520	WLKM	MI	Three Rivers	WRCI
1680	WDSS	MI	Ada	WPRR

\* -Station reportedly moved to 780 last year. But they continue to show up as a CP in the FCC records.

## CPs ON THE AIR

630	KUAM	GU	Agana - CP for U1 10000/1000 is on the air, moving from 612 kHz.
670	KMZQ	NV	Las Vegas - CP for U4 30000/600 is on from four towers (3-day/4-night) at N36-23-03 W115-21-04. The main lobe of the day pattern shoots northwest while the night signal goes southeast.
860	KMVP	AZ	Phoenix - CP for U2 940/1000 is on, reducing daytime power.
880	WZAB	FL	Sweetwater - CP for U4 4000/5000 is on the air from 8 towers (4-days/8-nights) at N25-44-56 W80-32-50. The day pattern is pretty-much balloon-shaped headed northeast with a small bump headed northwest, while the night pattern shoots a long, slender lobe to the east-northeast with tiny lobes 90, 180, and 270 degrees off the main lobe. Sweetwater is a west Miami suburb.
1010	WPPI	MN	Sauk Rapids - CP for U4 1700/240 is on the air from 4 towers (2-days/3-nights) at N45-36-18 W94-08-21 with oldies.
1340	KSGT	WY	Jackson - CP for U1 1000/1000 is on the air at N43-30-22 W110-45-16.
1490	WTQS	SC	Cameron - CP for U1 1000/1000 is on the air at N33-33-09 W80-44-38.
1460	KBRZ	TX	Missouri (City) - CP for U1 5000/125 is on the air from a new transmitter site at N29-33-52 W95-42-06, a move of about 50 miles. City-of-License (CoL) change from Freeport. Although the FCC database reads "Missouri" as CoL, Missouri City is the actual name of the community.
1550	WNZF	FL	Bunnell - CP for U2 8700/250 is on the air from two towers at N29-28-09 W81-16-00. The night pattern is a non-symmetrical figure-8 with a lobe to the east and a smaller lobe to the west. That's the best I can describe it. Bunnell is on Florida's east coast about 25 miles northwest of Daytona Beach.
1580	WPGY	GA	Ellijay - CP for D1 500/0 is on, moving from 1560.

**650 AM WSM**  
NASHVILLE'S COUNTRY LEGEND



1690 CJLO QC Montreal - CP for U1 1000/1000 has been heard testing with easy listening music and 'test announcements'. Their 74-foot tower is at N45-26-51 W73-37-57.

#### ACTIONS

540 WLIE NY Islip - CP granted for U5 4100/175. [also see applications]

630 WMAL DC Washington - Gerry Conkling reports that WMAL is painting their towers and until the project is finished they are operating at the reduced power of power of **2500 Watts non-directional days and their normal 5000 Watts DA nights**. According to their STA granted by the FCC, the painting is being done between 8 AM and 5 PM. Since their daytime pattern protects stations to their north, those living in northern Virginia, Maryland, Pennsylvania and maybe New Jersey may hear them during the day as 2500 Watts on 630 should get out well. The work should conclude on or about September 15.

780 KCEG CO Fountain - CP for U4 1900/720 from six towers (using all 6 all hours) at N38-31-07 W104-36-03. Both patterns are directed to the north-northwest.

1030 WGYV IN Aurora - CP granted to move here (from Greenville, Alabama on 1380 kHz) with D3 250/0 from two towers at N39-02-30 W84-56-28. They have a pending modification to the application for D4 500/0 CH 500.

1060 KRCN CO Longmont - A Special Temporary Authorization (STA) has been granted for U1 12500/115 as the transmitter site was struck by lightning on or about 8/12/2008 and KRCN is operating at this reduced power. They requested the STA to be in effect for 90 days, although new parts are expected within 60 days.

1130 KRUD HI Honolulu - CP granted for U1 1000/1000 at N21-26-18 W157-59-29.

1140 KLTK AR Centerton - CP Mod granted for D1 700/0, changing from D1 1000/0.

1170 KORL HI Honolulu - CP granted for U1 330/140 at N21-20-10 W157-53-33 moving from 1180.

1150 KRMS MO Osage Beach - CP granted for U1 840/55 moving their tower to N38-05-17 W92-44-17.

1350 KTIK ID Nampa - CP granted for U2 25000/600.

1360 KBUY NM Ruidoso - Licensed for U1 5000/199, KBUY has a CP for U1 9000/182. An STA has been granted for D1 408/0. The application for the STA states: "The KBUY tower was destroyed when a backhoe hooked into one of the tower guy wires. Subsequent to the loss of its authorized antenna, station KBUY returned to the air at 6 am MST (sic) on August 12, 2008, employing an emergency long wire antenna at its licensed site. The antenna is elevated 25' in the air and extends 102' in a northerly (sic) direction and then 77' in an easterly direction. The antenna feed point impedance has been measured at 21-j19 ohms [must be some New Mexico engineering, hi]. With an antenna current of 4.41 amperes, the operating power is 408 watts." No mention of nighttime operation, so we assume they are D1.

1430 NEW MI Marquette - CP granted for U2 50000/2000 from two towers at N46-32-01 W87-26-33.

1450 NEW NV Tonopah - CP granted for U1 1000/750 at N38-03-25/117-13-02.

1500 WICY NY Mooers - CP granted for D3 50000/0, moving from 1490 in Malone. WICY will build a new 4-tower array at N44-58-00 W73-36-59. The pattern will direct all of the signal due north.

1540 WWGK OH Cleveland - CP granted for D4 3000/0 CH 1500 from a new 2-tower site at N41-19-00 W81-43-51. Both patterns are directed north, which will serve Lake Erie nicely. D4 = One pattern for days; one for CH.

1590 WONX IL Evanston - CP granted for U2 7000/2500. The new night pattern is balloon-shaped headed northeast. Going non-directional days was made possible by moving or taking dark several co- and adjacent-channel stations in the Chicago and Northern Illinois area.

1590 WGBW WI Denmark - CP granted for U4 10000/200 from four towers (using all 4 day and night) at N44-20-58 W87-48-39, changing its CoL from Two Rivers. The day pattern is a virtual circle headed north anchored at Denmark, while the night pattern sends a main lobe to the west-northwest and minor lobes to the east and south.

#### GRANTS FOR NEW STATIONS

1400 NEW NY Middletown - CP granted for U5 1000/1000 from two towers at N41-28- 26

- W74-27-01. The day pattern is butterfly-wing shaped protecting the east.
- 1450 NEW GA **Brooklet** - CP granted for U1 1000/1000 at N32-24-19 W81-42-26.
- 1500 NEW FL **Palm Springs** - CP granted for U4 5000/250 from four towers (4-day/3-night) at N26-37-22 W80-04-20. Both patterns favor the east. Palm Springs is southwest of West Palm Beach.

#### AMENDMENTS TO CONSTRUCTION PERMITS

- 1020 WCGO MI **Jenison** - Having a CP to move here (from Chicago Heights, Illinois on 1600) with D3 10000/0, the licensee now amends the application from 2-towers to 3-towers at a new site of N42-56-09 W85-27-26.

#### TRANSLATOR ACTION

- 1260 WCHV VA **Charlottesville** - Is now on W231AD-94.1 Charlottesville.
- 1440 WHDM TN **McKenzie** - Has bought W255BF-98.9 with the intention of simulcasting.
- 1600 WXXY DE **Dover** - Is now simulcasting on W254AT-98.7 Smyrna, Delaware.

#### APPLICATIONS

- 540 WLIE NY **Islip** - Having just received a CP for U5 4100/175, WLIE has now applied for U4 10000/250.
- 580 WYHM TN **Rockwood** - Applies to boost their daytime power and add night operation to become U1 5000/49.
- 1230 KYPA CA **Los Angeles** - Licensed for U1 1000/1000, KYPA had applied for U1 1000/830 but asked to dismiss that in favor of a newly tendered application for U3 1000/1000, sharing two towers with KBLA-1580. Although the application text reads "DA-1" (U3), there are two (similar, but different) pattern plots. We'll let the Feds sort that out.
- 1260 KWEI ID **Weiser** - Applies for U1 8400/36.
- 1280 KPRV OK **Poteau** - Applies to move their tower approximately 800 feet from the present site and install a new quarter wave-length shunt fed, three wire unipole antenna.
- 1300 WRRCR NY **Spring Valley** - Applies for U1 10000/1000 on 1700 kHz along with a move to Ramapo, NY. Ramapo? Yup. A small burg in southeastern New York just north of the NJ state line on I-87 (exit 15A) north of Hillburn.
- 1310 KRBI MN **St. Peter** - Applies for U4 2500/270 along with a change in CoL to Glen-coe.
- 1340 NEW CA **Jackson** - The initial application for a new station began in 2004 as a request for U1 1000/1000. Then the powers were changed to U1 500/1000, and later to U1 420/520. In May, 2008 they were granted an STA for D1 250/0 on 1700 kHz to do engineering testing. They are now requesting an extension to that STA.
- 1480 WTLO KY **Somerset** - Applies for U1 1000/27 moving to Corbin, Kentucky and adding night operation.
- 1530 WENG FL **Englewood** - Applies to add 1 Watt nights, making them U1 1000/1.
- 1590 WPVL WI **Platteville** - Applies for U2 930/470 from two new towers at N42-43-35 W90-27-45.
- 1600 WMCW IL **Harvard** - Last issue we reported: "As a result of the recent power increase for WONX and the fact that the licensee has recently taken WMCW off the air, the owner has now **petitioned the FCC to cancel WMCW's license.**" While this request is being considered, the licensee has applied for a 'Silent STA'.

#### AMENDMENTS TO APPLICATIONS

- 890 NEW FL **Longwood** - Initial application was for U4 50000/500. This amendment drops the night portion of the application, making it D3 50000/0.
- 980 NEW AK **Kenai** - Initial application was for U1 5000/900, then amended to U1 5000/1000. This request is for U1 5000/500.
- 1080 KFXX OR **Portland** - Licensed for U4 50000/10000, KFXX applied for U4 50000/8700, but now amends that to read U4 50000/9000.
- 1160 NEW AK **Chugiak** - Adjusts their application from U1 30000/400 to read U1 9500/410.
- 1170 WRPM MS **Poplarville** - Licensed for D1 10000/0 CH 1000 on 1530 kHz, WRPM has a CP for D4 5000/0 CH 5000 moving to 1170. This amendment scales back the operation parameters to D1 1000/0 on 1170.
- 1480 KNIT TX **Dallas** - Licensed for U4 5000/1900, KNIT applied for U4 45000/1900, but now are going for the whole enchilada by asking for 50 kw days.
- 1540 KGBC TX **Galveston** - Licensed for U4 2500/250, KGBC has applied for U2 5000/180

along with a CoL change to Dayton, Texas. This amendment requests U2 5000/180 CH 3500. The transmitter site would be moved about 40 miles to the NNE.

#### APPLICATIONS FOR RECONSIDERATION

1370 WGIV NC Pineville - Application for U1 30000/30 relocating to N35-15-56 W81-09-01.

#### APPLICATIONS FOR NEW STATIONS

1220 NEW CA Desert Hot Springs - Applies for U4 1400/1200.

1340 NEW AR Bethel Heights - Applies for U1 1000/1000.

1340 NEW KS Garden City - Applies for U1 1000/880.

1370 NEW FL Heflin - Applies for U2 250/250.

1400 NEW AL Excel - Applies for U1 1000/1000.

1400 NEW ID Middleton - Applies for U1 1000/1000.

1450 NEW CA Helendale - Applies for U1 250/250.

#### DISMISSALS

670 KPUA HI Hilo - Application for U1 5000/5000. They remain U1 10000/10000.

670 KIRN CA Simi Valley - Application for U4 20000/3000 dismissed at applicant's request.

1150 KCKY AZ Coolidge - CP for U4 5000/185 moving to Apache Junction.

1360 WKAT FL Miami - CP U4 for U4 50000/5000.

1470 KFMZ MO Brookfield - CP for U4 5000/50 on 1210 kHz.

1560 WRSJ PR Bayamon - CP for U4 10000/5000.

1600 WMCW IL Harvard - Application for D3 35000/0 moving to Weston, Wisconsin. [see related item above]

#### LICENSE CANCELLATIONS/CALL LETTERS DELETED

720 WQTH NH Claremont - This unbuilt station, approved wa-a-a-y back in 1997, has had its latest request for extension to their deadline denied. The FCC says that . . . well, in a nutshell, 11 years is long enough.

#### AM-to-FM CONVERSIONS

580 CKXR BC Salmon Arm - As of 7:39 AM, August 27, 2008, Salmon Arm's AM 580 has been turned off. The end of a 40+ year era. Now on 91.5 MHz as *EZ Rock*. Repeaters are at Enderby on 104.3 MHz and Sicamous 102.1 MHz.

780 CFDR NS Dartmouth - Applies to move to 92.9 MHz with 100 kW at 196 metres.

790 CIGM ON Sudbury - Applies to move to 93.5 MHz with 100 kW at 204 metres.

850 CKBA AB Athabaska - Applies to move to 94.1 MHz with 9 kW at 54 metres.

1280 CHQB AB Powell River - CFPW-95.7 has signed on, meaning CHQB has less than 90 days of life.

1270 CFGT QC Alma - Their application to move to FM was DENIED by the CRTC as it would result in the owner having three FM stations in the same market, which is against the CRTC regulations for commercial stations.

1460 CJOY ON Guelph - Applies to move to 95.7 MHz with 30 kW at 54 metres.

#### HEAR AND THAR

□ Returning to the airwaves: KDJQ-890 Meridian, Idaho with oldies; WCTN-950 Potomac-Cabin John, Maryland; KDUN-1030 Reedsport, Oregon with oldies; and WALD-1080 Johnsonville, South Carolina with Black Gospel.

□ Reported as OFF: KNNZ-940 Cedar City, Utah; WOAP-1080 Owosso, Michigan; WQLS-1210 Ozark, Alabama; KMCL-1240 McCall, Idaho; WITM-1330 Marion, Virginia; KWWJ-1360 Baytown, Texas; WQOQ-1430 Durand, Wisconsin; and KSXT-1570 Loveland, Colorado.

□ Cuban Blowtorch Update - - - Cuban interference with WOR on 710 kHz has been reported by at least one other AM that's similarly affected. Other AMs that want to join in and bring the problem to the Feds' attention are invited to e-mail Tom Ray at tomray@wor710.com. The original story in trade magazines caused a firestorm of reaction. Messages were received along the lines of "You got what you deserve" from those who believe the Cubans are retaliating in response to WOR's IBOC signal. (And that sentiment was cleaned up for print.) The situation "has nothing to do with IBOC and, in fact, pre-dates IBOC." It is believed the Cuban signal is a combination of groundwave and skywave and is described as co-channel interference by a station operating against international treaty causing harmful interference well inside the protected contours of a Class A station. The signal is reported to reach Central New Jersey, Long Island and the Connecticut shore, where WOR has anywhere between 5 and 75 millivolts per meter of signal. By checking various databases, it is noted that any station authorized for operation on 710 kHz in Cuba is 1 kW or less. A 1 kW station in Cuba will not put a local-grade signal into Central New Jersey. This situation could happen to any station. If you've got a constructive comment, you know where to reach Mr. Ray.

□ Construction Begins for DRM Alaska Test Bed - - - The building season is short in Alaska so

Digital Aurora Radio Technologies was happy to get started recently on construction of the antenna field for its Digital Radio Mondiale shortwave tests. The Federal Communications Commission recently OK'd the project. A consultant for the project, Don Messer, says the actual testing will be done next spring. DART has a two-year experimental authorization for coverage of Alaska with DRM signals in three of the lower shortwave bands around 5, 7 and 9 MHz. How much power it will take to accomplish that is unknown and something DART and the DRM Consortium hope to learn during testing. "We've done simulations to try to find the right frequency bands to use. My guess is this will work well and the power levels won't be high," although the group does have authorization to go as high as 100 kW", Messer said. He said people have asked him how much interference the DRM signal may encounter. "We should be able to find 10 kHz frequency slots within these bands with no problem," he related. The three antennas DART is constructing are large; the largest one is about 100 feet wide. They will be connected to the existing transmitter with rigid coax, built to withstand the -40 degrees Fahrenheit or below in the Delta Junction testing area some 130 miles southeast of Fairbanks. If the tests show excellent results for digital broadcasts to cover the entire state, the next step would be to obtain approval to use the DRM system and the transmission station for a regular broadcasting service, says the consortium.

□ "A new transmitter site for **CFUN-1410** and sister station **CKST-1040 Vancouver** will be located on 104 Street between Highway 10 and Highway 99 in Delta," reads the press release. "CFUN will become a DA1 (one pattern) with improved night-time coverage to the Fraser Valley and somewhat reduced coverage to the western side of Vancouver Island and Washington State. The prime coverage area to Metro Vancouver will not be drastically affected. The new site will consist of seven self-supporting towers, which is a reduction of one tower from the present total, made possible by the elimination of one pattern for CFUN. We decided against common towers for redundancy purposes. The towers are also going to be self support instead of guyed towers. This was done to allow for full agricultural production on the site once construction is completed. If guyed towers had been used, 40% of the area would have been lost for farming. With self support towers, only 2% of the area will be lost. The Agricultural Land Commission reviewed the proposal and in a unanimous decision allowed the proposal."

□ **AM Directional Antenna Proof-of-Performance Changes in the Wind** - AM directional stations may soon get a break. It appears the FCC is poised to approve the proposal to allow AMs to use computer modeling and calibrated antenna monitoring systems to ensure proof-of-performance for AM directional antenna arrays. The current method involving magnetic field strength measurements is more time-consuming and costly, those who favor the change say. CBS Radio's Ray Benedict, spokesman for a group of broadcasters, consulting engineers and equipment manufacturers who favor the change, tells me he hears that the item has moved from the FCC's Media Bureau to the eighth floor, where the commissioners will likely vote by circulation. He's hopeful that could happen either before or during the upcoming NAB Radio Show. (And if it does happen in that time frame, the AM Directional Antenna Performance Verification Coalition must have some heavy pull, given the FCC's increasing focus on broadband- and DTV-related issues, before the elections.) Actually, two items may be coming out of the agency on this issue: a Report & Order changing Part 73 of the rules to allow computer modeling instead of field strength measurements to field-proof an AM DA, and a Further Notice on a proposal to move its various rules that require measurements when a tower is built near an AM antenna to be moved to Part 17. "It's really good news for AM broadcasters," Benedict said. "It's the biggest change in AM rules in 50 years." The move to change AM DA proof-of-performance rules has a long, and mostly controversial, history. In 1989, a group of five consulting engineers proposed radically relaxing the rules so the laborious and expensive field measurements could essentially be eliminated. But only in the last few years has the broadcast industry come to a consensus on the issue. MM Docket 93-177 was introduced in 1993. A few parties objected and their concerns were addressed in the guidelines proposed by the coalition, according to Benedict. This rule will not be applicable to all stations. As proposed, "Only arrays consisting of series-fed elements may have their performance verified by computer modeling and sample system verification." The computer model of the towers must match measured impedance data within fairly restrictive limits. Sample systems must also meet explicit, strict requirements to be eligible. Some arrays with dissimilar towers may also be ineligible, depending upon the sampling situation. Bravo to the commission if this is really happening. It is suspected that hundreds of AMs are waiting to take advantage of the change to eliminate the expense of pattern tuning, field proofs and monitor point and partial proof maintenance.

□ OUCH! The headline reads: **Suspected Copper Thief Dies From Electrocution.** The Dallas Morning News article goes on to say "A 51-year-old man, James Buster McKay, died recently after being electrocuted; he was suspected of trying to steal about \$50 worth of copper. The Dallas County medical examiner's office confirmed the death. County firefighters had rescued McKay from a utility pole. His skin 'melded with the pole' after being hit with 7,000 volts, according to the account; McKay suffered third-degree burns on about 50 percent of his body. Dallas police said when fire-rescue crews arrived, they found cut wires and about \$50 worth of copper on the ground; McKay was stuck between transformers on the pole. The man may have grabbed a wire when power was being restored, Dallas police said. Police said the incident caused more than \$10,000 in damage."

☐ **FINES:** \$18,000 to **WLPO-1220 La Salle, Illinois** (along with their FM) for Public Inspection File violations; \$9000 to **WRJX-1230 Jackson, Alabama** (along with their FM) for public file violations; \$3,000 to **WYRD-1330 Greenville, South Carolina** for Public Inspection File violations; and \$1,000 to **KZTD-1350 Cabot, Arkansas** for failure to maintain and make available a public inspection file.

☐ Since we are jumping right into the weekly schedule, we'll see you next week!!

☐ **Thanks to Frank Aden, Shawn Axelrod, Russell Curry, Wayne Heinen, Joe Kureth, Deane McIntyre, Patrick Martin, Dave Schmidt, Fred Vobbe, Frank Welch and Radio World Online.**

Once again, we present the marginally-useful DX Index, this time to Volume 75. All errors are grudgingly regretted. Hey, sue me! Oh, and regular columns aren't indexed, but we'll include the editors' names to keep them happy: "AM Switch" - Bill Hale; "DDXD" - Bill Dvorak, Mike Brooker; "IDX" - Bruce Conti.

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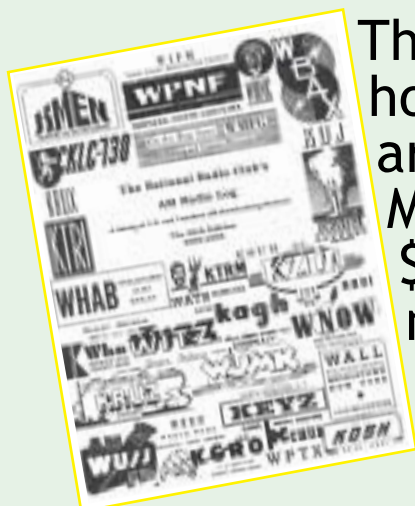
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## NRC AM Radio Log, 29th Edition

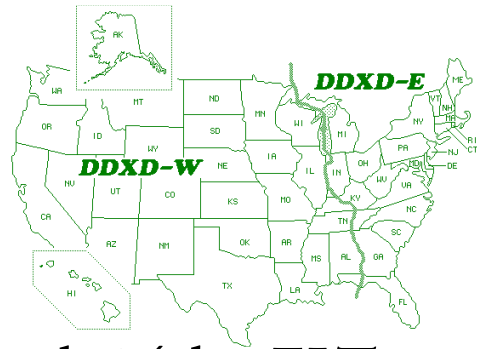


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# Domestic DX Digest

**West: Bill Dvorak** westlogs@aol.com (Division line  
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and Central time  
zones)

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

## DDXD-West

FROM THE VAST WESTLAND

**HAPPY NEW VOLUME!** May your logbooks grow fat with new entries during the upcoming DX season! We start the new volume with a very nice turnout and some great loggings-- thank you very much, reporters!

The 2008 NRC Convention was an enjoyable, unforgettable event! Nina and I enjoyed seeing you all, making new friends and renewing old friendships. Congratulations and a very big Thank You to host **John Malicky** for putting together an amazing program of station tours, Pittsburgh events and club functions that had something for everyone.

Nina and I left Pittsburgh on Labor Day, spending the night in (the tiny **Vast Westland** portion of) Indiana before returning to Madison the next day. While driving that night, we listened to WWL 870 New Orleans in post-Gustav hurricane mode, which reminded us of the great work they did during and after Hurricane Katrina. About a week and a half later we were again on the road, on our way to spend the weekend with the in-laws in Springfield, Illinois. This time we missed hearing the widely reported signal of KGOW, on-air with daytime facilities, bringing Hurricane Ike info to the Houston area (see "Regular Loggings" 1560 below). Both instances show that, despite high-tech advances, AM broadcast radio still has a key role to perform in informing widely scattered audiences in times of emergency. Thankfully, as tragic of storms as Gustav and Ike were, they were no Katrina.

Since this is the first issue of Volume 74 and we are back to weeklies, it is the perfect time to remind contributors of a few basic guidelines. Please report all times in Eastern Local Time, or ELT (currently Eastern Daylight Time). Loggings should be timely-- this means they should be no more than two weeks old by the time I receive them. Report only DX-- if you can hear a station many times a year, it is not really DX. Use your judgment, but-- unless there are unique circumstances, reporting a station a maximum of once a year is the ideal. Make your loggings readable-- do not overdo the abbreviations. Deadlines for DDXD-West are every Thursday at 1300 ELT for Internet mail, and Thursday's delivery for USPS mail. **WARNING:** because of personal considerations, I am going to strictly adhere to these deadlines this year (in the past I have been more flexible about contributions received on Friday).

Here is a scheduling note: because I will be unavailable for several days leading up to the #76-3 deadline (10/3), there will not be a DDXD-West in that issue. Loggings submitted that week will appear in #76-4, so please keep them coming (And don't forget that Bill would like to resign from this editorship by the end of December -pls.). **73 Bill**

Reporters

- |               |   |
|---------------|---|
| <b>EW-NE</b>  | <b>Ernie Wesolowski, Omaha.</b> Station news.   |
| <b>FO-OK</b>  | <b>Forest Osborn, Hooker.</b> Icom IC-R70, 4 foot home-made loop and 200 foot longwire.   |
| <b>GH-IL</b>  | <b>Greg Harris, Park Forest.</b> Icom R75 / Quantum loop.   |
| <b>JJR-WI</b> | <b>John J. Rieger, South Milwaukee.</b> Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp.  |
| <b>JT-AZ</b>  | <b>John Tucker KG7RS, Mesa.</b> Drake R8B, north-pointing EWE, 60-foot Inverted-L.  |
| <b>JW-CO</b>  | <b>John Wilkins, Wheat Ridge.</b> Drake R-8, 4-foot box loop.   |
| <b>SA-MB</b>  | <b>Shawn Axelrod, Winnipeg.</b> ICOM IC-R70, Drake R8, 4 foot unamplified box loop, Quantum loop, 155 foot outdoor wire, 100 foot indoor wire, MFJ 1026 phasing unit.             |
| <b>SP-WI</b>  | <b>Sheryl Paszkiewicz, Manitowoc.</b> Eton E-1 with AOR loop or wire attached to whip, or FRG-100 with AOR loop.  |
| <b>TN-WI</b>  | <b>Tim Noonan, Oak Creek.</b> Kenwood R-1000, Radio West Loop.  |
| <b>WH-CO</b>  | <b>Wayne Heinen, Aurora.</b> Drake R8B with modified 4 foot NRC Altazimuth loop and DX Engineering RPA-1, or Drake R8B with E/W Flag and TG-1 Termination Gizmo w/BUF-F amplifier |
| <b>Ed.-WI</b> | <b>Your editor, Madison.</b>  |



- 660 KCRO NE **Omaha.** See KOTK 1420 below. **(Ed.-WI)**  
 920 WOKY WI **Milwaukee. 9/18.** This station underwent a format change this morning at 6 AM Central, to classic country "AM 920 the Wolf" ex-oldies "Mighty 92." Station has also dropped CBS news, at least when I have checked. **(TN-WI)** (The return to the highly successful format and slogan of the '60s was short-lived, lasting only a year and a half, *Milwaukee Journal Sentinel* media columnist Tim Cuprisin points out in his 9/18 column. Hmm, let us see-- nostalgia and oldies formats fail since WOKY turns on the IBOC, and now on to classic country. So much for the notion that IBOC will spur music to return to AM. Oh, silly me-- I mean *interest younger people in AM radio*, obviously not the demographic target for nostalgia, oldies and classic country. **Ed.-WI)**
- 950 KRWZ CO **Denver. 9/6 2102.** Out of oldies. "KRWZ Denver is now the home for the Mile High City's newest radio station Cruisin' Oldies, playing the best and most oldies from the '50s and '60s. We are Cruisin' Oldies 950." (ex-stunting, ex-KKFN) **(WH-CO)**
- 1060 KRCN CO **Longmont. 9/17 1800.** Legal ID as "Big Money Station 1060 AM KRCN Longmont-Boulder-Denver" and ABC news. New slogan, ex-Radio Colorado Network. No mention of the other (former?) Radio Colorado stations. However, after ABC news, KRCN aired "Radio Colorado Network traffic," so the old slogan apparently is being used at times. **(JW-CO)** (Later) **9/19 1158.** Noted 1060 and KKKK 1580 Colorado Springs running the same financial program this morning up to 9:58 AM MDT, then each had their separate IDs. Was too late in the morning to check 1450 and 610. Will try at some other time to see if these latter two are still in the network-- guess I'll have to monitor each station separately since there are no longer multi-station network IDs. **(JW-CO)** (I found a small but interesting item about this on radioandrecords.com, written 9/11 by Jeffrey Yorke. According to the article, Rocky Mountain Radio is in the process of buying the five former Radio Colorado Network stations from Pilgrim Communications, "rebranding" them as the "Big Money Station" with a primarily business talk format. Rocky Mountain Radio will be buying the stations "one at a time over the next five years," according to the article. "The Big Money Station's" website <http://www.thebigmoneystation.com> lists only KRCN and KKKK as carrying this new format. As John points out, other Radio Colorado stations include KSKE 1450 Buena Vista and KVLE 610 Vail, along with KVLE-FM 102.3 Gunnison. Just what they are currently running is unknown at this column's deadline. **Ed.-WI)**
- 1100 WZFG MN **Dilworth. 8/8 0800.** Heard testing on air with a loop of cuts from various talk shows they will carry. Also announced Fox news. IDing as "AM 1100 the Flag." Announced they will begin full time on Monday August 11 at 8 AM local time. Good signals on my car radio going to work. **(SA-MB)** (The station's tower was struck by lightning during its inaugural program on 8/11, destroying the transmission line, according to an article [<http://wzfg-am.fimc.net//Article.asp?id=838863>] on the station's website. On 8/15 I monitored WZFG's live webstream and heard a message about this situation. Because of the lightning strike, the station was experiencing technical difficulties and working to return things to normal, according to the message. It was not made clear whether the station was even on the air, so I e-mailed **Shawn Axelrod** to see what he could tell me. Later on 8/15 Shawn replied that they were indeed on air, but at times with a signal strength that would suggest they were running at reduced power. A call to the station on 9/19 revealed that everything is now back to normal. **Ed.-WI)**
- 1350 KDZA CO **Pueblo. 8/25 0202.** Out of oldies. "The Oldies are back, back where they belong. This is KDZA AM Pueblo, Oldies 1350." Taped needed call change (ex-KGHF) with KCFR 1340 IBOC off. New format, ex-sports. **(WH-CO)**
- 1420 KOTK NE **Omaha.** This station has changed its format from newstalk to Spanish religion, using the slogan "Radio Luz." The change was made on 9/1. Their polka show also moved. It is now on KCRO 660, Sundays from 10 to 11AM Central. **(EW-NE)**
- 1460 KCLE TX **Burleson. 9/6 0100.** "You're tuned to Fox Sports Radio, your hometown sports station, KCLE 1460 AM Burleson-Arlington-Fort Worth" to FSR programming. New calls, ex-KHFX. **(WH-CO)**

1570	KSXT	CO	<b>Loveland.</b> This semi-local station has been silent for about a month. <b>(JW-CO)</b> (see "Regular Loggings" 1570 below <b>Ed.-WI</b> )
1580	KKKK	CO	<b>Colorado Springs.</b> See 1060 above. <b>(Ed.-WI)</b> Presumed, Tentative, UnID
1680	UNID		<b>9/17 2109.</b> Oldies music and several IDs that sounded like "Old School 16-80 AM." I understand that Fresno's KAVT is now KGED and has changed formats. Could this be them? <b>(FO-OK)</b> (I hear that KGED's slogan is "Legends 1680 AM," and that its format is more nostalgia than oldies. According to Wikipedia, the "GED" in KGED is for three letters in the word "leGEnDs." <b>Ed.-WI)</b> Regular DX Loggings (times in ELT)
630	WREY	MN	<b>Saint Paul. 8/9 2313.</b> Fair signals with Mexican style music and Radio Rey IDs. <b>NEW (SA-MB)</b>
640	WWLS	OK	<b>Moore. 8/21 0729.</b> "WWLS Sports Update," sponsored by a local auto dealership; Olympic medal update. Fair with KFI partially nulled. <b>(JW-CO)</b>
790	CIGM	ON	<b>Sudbury. 8/22 0140.</b> Sudbury ads and ID "Sudbury's sports leader 790 CIGM" by a male announcer. Strong. Overrode WSGW and WBBM IBOC slop. <b>(GH-IL)</b>
810	KGO	CA	<b>San Francisco. 8/12 0813.</b> Palo Alto spot; time check; call letter ID and area news followed. Local KLVZ was off but they popped back on at 0815. <b>(JW-CO)</b>
880	WPIP	NC	<b>Winston-Salem. 9/7 0658.</b> Very poor. List of stations, where to send money, web info, etc. Religious format and NEW! <b>(JJR-WI)</b>
900	CKBI	SK	<b>Prince Albert. 9/7 0636.</b> Poor; "900 CKBI" over others. Dominant, steady. <b>(JJR-WI)</b>
920	KVEL	UT	<b>Vernal. 9/14 2145.</b> ID as "AM 9-20 KVEL," playing an old "Twilight Zone" program. At 2156 ad for Sleep Number beds. First time logged here and reception report sent. <b>(FO-OK)</b>
930	WKY	OK	<b>Oklahoma City. 9/12 0000.</b> "This is the new Jocks 930 WKY Oklahoma City" to ESPN sports. <b>(WH-CO)</b>
930	KOGA	NE	<b>Ogallala. 9/12 0000.</b> Under WKY. "930 AM KOGA Ogallala" to ABC news. <b>(WH-CO)</b>
930	KKIN	MN	<b>Aitkin. 9/12 0504.</b> Ending AP news. "The KKIN Satellite forecast...." <b>(WH-CO)</b>
930	KAGI	OR	<b>Grants Pass. 9/12 0600.</b> Out of an NPR program. "KAGI Grants Pass" ID in a lull of KOGA's programming. <b>(WH-CO)</b>
940	WKGM	VA	<b>Smithfield. 9/6 2036.</b> Fair. End of religious show, legal ID, another religious program. Kinda loud for 3100 watts, hi. <b>(JJR-WI)</b>
940	KPSZ	IA	<b>Des Moines. 9/7 0003.</b> "Praise 940 KPSZ" ID to contemporary Christian music. <b>(WH-CO)</b>
940	KVSH	NE	<b>Valentine. 9/7 0101.</b> "KVSH ends another broadcast day...." <b>(WH-CO)</b>
940	CJGX	SK	<b>Yorkton. 9/7 0200.</b> Out of C&W. "CJGX AM 940 Yorkton, serving Saskatchewan and Manitoba. We are GX nine-forty" to news from Canadian Press. <b>(WH-CO)</b>
940	KWRU	CA	<b>Fresno. 8/15 0703.</b> "Radio Vida" multi-station ID including KWRU Fresno. Needed call change here. <b>(WH-CO)</b>
950	KNFT	NM	<b>Bayard. 9/14 1032.</b> "You're listening to the greatest hits of the '60s and '70s on Oldies 950" into Fleetwood Mac "Say that you love me." Good signal with adjacent 960 powerhouse phased out to reduce splatter. <b>(JT-AZ)</b>
960	KNDN	NM	<b>Farmington. 8/10 2300.</b> Out of Navajo language. "KNDN 960 AM Farmington, all Navajo almost all of the time" in EE and back to Navajo announcements. <b>(WH-CO)</b>
960.05	KNDN	NM	<b>Farmington. 8/25 0806.</b> English ads, followed by Navajo announcement to 0811, then Navajo singing / drumming. Good peaks but frequent fading. Local KKFN 950's IBOC was off at the time. <b>(JW-CO)</b> (And as pointed out in "Station News" above, KKFN has since changed calls to KRWZ. <b>Ed.-WI)</b>
960	KNEB	NE	<b>Scottsbluff. 8/11 0000.</b> Up briefly. "...on AM 960 KNEB Scottsbluff-Gering." <b>(WH-CO)</b>
960	KSRA	ID	<b>Salmon. 8/25 0759.</b> Sign-on announcement at 0759:30 by man: "This is KSRA AM 960 signing on for today..."; mentioned 960 kHz and 1000 watts; ABC news followed at 0800. Rough copy under CFAC. <b>(JW-CO)</b>

970	KCFO	OK	Tulsa. 9/9 0200. Out of religious programming. "AM 970 KCFO Tulsa" to more religion. (WH-CO)
980	KFWB	CA	Los Angeles. 8/18 0753. Plug for kfwb.com; then weather, news and more ads to ToH legal ID for KFWB and KFWB HD; more area news ensued. Fair in QRM. (JW-CO)
1030	WEBS	GA	Calhoun. 9/7 0625. Poor but steady. "WEBS" jingle in WBZ null at 0626. (JJR-WI)
1050	KMTA	MT	Miles City. 8/14 0722. Song by Dave Clark Five; a canned "1050 KMTA" ID was followed by more music; heard a later ID as "Good Time Oldies 1050 KMTA." Fair signal in QRM; listed as a daytimer. (JW-CO)
1050	CJNB	SK	North Battleford. 8/14 0716. C&W music; gal with CJNB/CJNS 102.3 ID and local weather. Fair over XEG and others. (JW-CO)
1050	KCAA	CA	Loma Linda. 9/14 1015. Travel commercial for fall in Big Bear Lake, "AM 1050 KCAA" announcement, into polka music program. Fair signal with co-channel stations phased. (JT-AZ)
1060	KDYL	UT	South Salt Lake. 9/3 0300. Out of oldies to jingle: "True Oldies Radio KDYL Salt Lake City." In KRCN null. (WH-CO)
1110	KJSA	TX	Mineral Wells. 8/29 0747. Fort Worth traffic and weather; national anthem was played at 0748, followed by a non-ID "This is the Business Radio Network"; business talk and lots of 1-800 ads followed. No call letter ID heard but assume this is KJSA, ex-1120. (JW-CO)
1310	KDLS	IA	Perry. 8/22 0200. Out of nostalgia. "KDLS Perry, AM 1310" to news. (WH-CO)
1330	KOVE	WY	Lander. 8/23 0815. C&W music; at 0817 ad string for area businesses (Riverton, Lander, Fort Washakie); "1330 Country KOVE" ID at 0822, then more music. Fair with fading and QRM; local KCFR 1340's IBOC was off on this occasion. (JW-CO)
1330	WHBL	WI	Sheboygan. 8/31 2115. Local ads and "...on whbl.com" by a male announcer. Briefly strong, then faded. New. (GH-IL)
1350	KWMO	MO	Washington. 9/13 2202. Local ad by a female announcer mentioning "201 Elm in downtown Washington." Fair in QRM. New (GH-IL)
1360	WWOW	OH	Conneaut. 8/19 2200. EWTN program; finally heard local weather at 2300 and calls and "Walking on the Water Radio." NEW (SP-WI)
1400	KCOW	NE	Alliance. 8/30 0000. Brief "AM 1400 KCOW" in the mess. KGNU 1390's IBOC off tonight. (WH-CO)
1400	KKTL	WY	Casper. 8/31 0000. "KKTL Casper" up briefly with KGNU IBOC off. (WH-CO)
1420	WHK	OH	Cleveland. 8/24 0655. "1420 WHK" by a male announcer. Fair in jumble. (GH-IL)
1420	KBTN	MO	Neosho. 9/17 2155. Popped up with excellent ID: "This is KBTN 1420, Neosho." Good for call change from KQYS. (FO-OK)
1430	KZQZ	MO	Saint Louis. 9/17 2145. In with good signal, oldies music and excellent "KZQZ AM" ID. Another call change for me, ex-WIL. (FO-OK)
1440	WDOW	MI	Dowagiac. 8/9 2309. "Wildman in the morning on 910 WGTO"; ID of "sister station." Briefly fair then faded. (GH-IL)
1440	WNFL	WI	Green Bay. 8/24 0700. "You're Listening to WNFL 1440 Green Bay" by a male announcer. Strong signal dominated frequency. No trace of WROK. Not heard in a long time. (GH-IL)
1450	KSIW	OK	Woodward. 8/31 0200. Up briefly. "KSIW Woodward" over KBBS. (WH-CO)
1450	KGIW	CO	Alamosa. 9/5 0000. Out of oldies. "Playing the favorites for Alamosa, AM 1450 KGIW" to ABC news. (WH-CO)
1450	KBBS	WY	Buffalo. 9/5 0500. Out of oldies. "AM 1450 KBBS Buffalo" to ABC news. (WH-CO)
1450	WIBM	MI	Jackson. 9/6 2021. Poor in mess. "ESPN Radio 1450 WIBM" with sporting event. (JJR-WI)
1460	KLTC	ND	Dickinson. 9/6 0000. "AM 1460 KLTC Dickinson" to ABC news. (WH-CO)
1460	KBZO	TX	Lubbock. 9/6 0500. "KBZO Lubbock" in EE, "1460 AM" in SS to more SS music. (WH-CO)
1460	KXNO	IA	Des Moines. 9/15 2155. Dallas Cowboys football game, Westwood One network. (FO-OK)
1480	KNIT	TX	Dallas. 9/15 0000. Out of ESPN Deportes with SS legal ID into more ESPN

- Deportes. **(WH-CO)**
- 1490 **WTIQ** **MI** **Manistique. 9/8 2350.** Ads, mentions of Manistique, "You're listening to... on Cruisin' 1490 WTIQ." Oldies. NEW **(SP-WI)**
- 1510 **WPGR** **PA** **Monroeville. 8/18 2155.** Oldies mixing with soul music and WLAC. Suddenly WPGR calls came up out of the mix. NEW **(SP-WI)**
- 1510 **KMSD** **SD** **Milbank. 8/18 2200.** Oldies mixing with WPGR and WLAC, ID "Hometown Radio... KMSD." NEW **(SP-WI)**
- 1510 **WLRB** **IL** **Macomb. 9/6 2014.** Poor under WLAC with calls, nostalgia format. **(JJR-WI)**
- 1530 **KGBT** **TX** **Harlingen. 8/12 0651.** Man taking phone calls, interspersed with CDT time checks, temperature checks, call letter IDs, and "La Tremenda" slogans, all in SS; a selection of Mexican music was played at 0658, followed by a SS ID at 0701. Generally fair, mixing with one or two other SS stations. **(JW-CO)**
- 1550 **KLFJ** **MO** **Springfield. 8/22 0130.** Continuous "loop" of Branson info. Fair signal. **(GH-IL)**
- 1550 **KQNM** **NM** **Albuquerque. 8/25 0821.** Lite oldies and nostalgia tunes; frequent "Soft Favorites 1550" slogans; ABC news at 0829. Good on peaks but fadey and some QRM. Ex-KKJY. **(JW-CO)**
- 1550 **KQNM** **NM** **Albuquerque. 9/14 0800.** "KKJY Milan, playing your favorites. 1550 is KQNM Albuquerque, a New Mexico-owned Vanguard Media station." Taped call change, ex-KKJY for me. **(WH-CO)**
- 1550 **KMRI** **UT** **West Valley City. 9/13 2300.** Out of SS music with complete EE/SS ID. **(WH-CO)**
- 1560 **KGOW** **TX** **Bellaire. 9/12 2300.** Noted most of the evening and next morning with relay of TV coverage of Hurricane Ike. **(WH-CO)**
- 1560 **KGOW** **TX** **Bellaire. 9/12 2305.** Continuous Hurricane Ike news, promo for their running 24 hours on 1560. Above WQEW mostly. Thanks NRC AM tips. **(SP-WI)** (KGOW was on air using its daytime power of 50,000 watts this night, due to the Hurricane Ike emergency. A few NRCers went on the NRC-AM and dxtip lists and posted of hearing it. As a result, Sheryl and others were able to log this station-- one more example of the benefit of the internet for DXers. **Ed.-WI)**
- 1570 **KPRO** **CA** **Riverside. 9/9 0838.** "Prize Package" giveaway promo; second caller at 951-688-1570 wins a package of discount coupons; call letter IDs and religious vocals to 0850 tune-out. Fair signal with semi-local KSXT still off the air. **(JW-CO)**
- 1590 **WLBN** **KY** **Lebanon. 9/7 2108.** Very poor in WAKR null with nice "W-L-B-N" and satellite oldies. Rare! **(JJR-WI)**
- 1600 **KRKE** **NM** **Albuquerque. 9/2 0600.** "Your oldies 1600 is KRKE Albuquerque, a New Mexico owned Vanguard Media Station." "Oldies 1600" jingle to "Classical Gas." Loud over nulled KEPN. **(WH-CO)**
- 1600 **WAAM** **MI** **Ann Arbor. 9/13 2158.** "WAAM (pronounced like wham) Ann Arbor 1600" by a male announcer. Strong; no trace of local WCGO. New **(GH-IL)**
- 1680 **WDSS** **MI** **Ada. 8/9 2328.** On with tape loop saying as of 8/18 they would be WPRR "Public Reality Radio." No more Radio Disney. **(SA-MB)**
- 1680 **WPRR** **MI** **Ada. 8/18 1000.** Noted with this new call, ex-WDSS announcing the new "Public Reality Radio" format to debut in September, but no longer mentioning the prior Radio Disney format. **(TN-WI)**
- 1680 **KNTS** **WA** **Seattle. 8/9 2333.** Poor signals with Mexican music under WDSS. New calls for me, ex-KDOW. NEW **(SA-MB)**

## DDXD-East

### REPORTERS

- HF-MI** **Harold Frodge, Midland** - Drake R8B + 215' center-fed RW, 85' end-fed RW, 125' bow-tie
- KK-VA** **Kraig Krist, Manassas** - NRD-545, homemade 134 foot multiband antenna running NW to SE, Eavesdropper antenna running E to W, Sony SRF-M37V with built in antenna
- IEN-GA** **Ira Elbert New, III, Watkinsville** - Sangean ATS 909 & Select-A-Tenna, 2002 Nissan Sentra GXE Pioneer DEH-470MP
- MKB-ON** **Mike Brooker, Toronto** - Grundig G5, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

## STATION NEWS

- 820 CHAM ON **Hamilton** – flipped from C&W to talk as of 9/2, using slogan “Talk 820”. The greater Toronto area is once again North America’s largest market without a country format. **(MKB-ON)**
- LOGGINGS
- 620 CKRM SK **Regina** – 9/3 0617 – noted in WTMJ/WHEN mix with C&W songs, slogan “620 CKRM Saskatchewan’s best country”. **(MKB-ON)**
- 710 WFNR VA **Blacksburg** - 9/12 0751 - Morning in America show. Good, steady signal. “Morning in America on AM 710, WFNR”. **(IEN-GA)**
- 870 WKAR MI **East Lansing** – 8/31 1950 – Excellent signal with Ondas en Español; male announcer alternating between SS & EE; MOR SS tunes. Off at 2000 with no announcement. Station that came up after s/off was not WWL, but couldn’t catch an ID - seems to be religious talk. **(HF-MI)**
- WPWT TN **Colonial Heights** – 8/31 2014 – slogan “Power Talk AM 8-70” mixing with 2 or 3 others. Disappeared about 2017--may have just caught s/off announcement. **(HF-MI)**
- WWL LA **New Orleans** – 8/31 2028 – Hurricane Gustav call-in reports & news; said less than 10,000 people in the city at the moment; slogan “WWL First News”. Fair, mixing with SS music station; USB best despite WCBS-880 IBOC sludge. **(HF-MI)**
- 920 WCHR NJ **Trenton** - 9/17 0159 – ToH ID mixing with CKNX: “This is WCHR nine twenty AM Trenton”. **(KK-VA)**
- CKNX ON **Wingham** - 9/17 0221 – in WCHR mix with C&W songs, female announcer with “Hey, stick around for more great music. AM nine twenty CKNX” into ad for “Hero Tab” for sexual activity. 0259 ToH ID: “This is your information leader in western Ontario, AM nine twenty CKNX and now the news.” “From the national newsroom of the Canadian Press I’m Karen Revo (sp?)”. **(KK-VA)**
- 930 WDLX NC **Washington** - 9/15 0238 - mixing with Radio Reloj Cuba time pips and ESPN sports talker with mentions of “North Carolina Trader... Resort dot com” then furniture ad mentioning “downtown Washington”. “...twelve fifty and nine thirty...Pirate Radio” noted at 0255 ( / / WGHB-1250 Farmville, NC). **(KK-VA)**  
*“Pirate Radio” slogan refers to East Carolina University Pirates. Mike*
- 940 WGRP PA **Greenville** – 8/31 2007 – over CINW with slogan “America’s music, classic country WGRP” into C&W, flipped from Sporting News Radio format, apparently no longer / / WLOA-1470. **(MKB-ON)**
- CINW QC **Montreal** - 9/14 0157 – station promo “Are your weekend get-togethers a little strange? Are you friends going home the same time your kids are going out? We can help. With AM nine forty ‘Friday Night Disco party’. We’ll make... music by playing the hits nonstop from 7 to midnight. The ‘Friday Night Disco Party’ and ‘Super 70’s Saturday Night’ only on AM nine forty Montreal’s greatest hits”, into Zager & Evans “In the Year 2525”. **(KK-VA)**
- WMAC GA **Macon** - 9/14 0155 – in CINW mix with “Coast to Coast AM” discussing what will happen in the years 2012 and 2013, 0300 ToH ID: “... news, weather, traffic... news, talk nine forty WMAC...” time pip, “3 o’clock” into “ABC News Now”. **(KK-VA)**
- 950 WWJ MI **Detroit** - 9/16 0238 - “... WWJ News...” noted in mix of noise and Cuban Radio Reloj time pips. **(KK-VA)**
- WPET NC **Greensboro** - 9/13 0239 - mixing with Radio Reloj Cuba time pips, ESPN, “Coast to Coast AM” and a station playing oldies, caught mention of North Carolina into “PET Minute”. **(KK-VA)**
- 960 WFIR VA **Roanoke** - 9/11 0159 - Talk mixing with Radio Reloj Cuba time pips, “Coast to Coast AM”, ToH ID: “WFIR... we’re best together on the local news and weather. News- talk nine sixty WFIR Roanoke” into ABC news. **(KK-VA)**
- 970 WNYM NJ **Hackensack** - 9/10 0159 – in mix with WBGG, ToH ID: “WNYM... of New York. It’s now 2 o’clock” into Fox News Radio. **(KK-VA)**
- WBGG PA **Pittsburgh** - 9/9 0155 – over gospel station with sports talk, “Hour 1 of the ‘3rd Shift’ on Fox Sports Radio”, ID as “Pittsburgh’s sports talk station. Nine seventy WBGG”. **(KK-VA)**
- 980 WAAV NC **Leland** - 9/8 0158 - “Coast to Coast AM” talking about “Egypt Code”, ToH ID “News, talk sports. Nine ninety ‘The Wave’” then jingle “The Wave WAAV”

- into CNN news. **(KK-VA)**
- 990 WEEB NC **Southern Pines** - 9/7 0158 – in mix with Radio Reloj Cuba time pips, with Ad for “Connect NC”, ID and slogan “Talk radio... WEEB. Your connection for the world”. **(KK-VA)**
- 1000 WMVP IL **Chicago** – 9/5 0200 – ESPN baseball promo and ToH ID: “The most complete baseball coverage is here on ESPN one thousand WMVP Chicago. You know us - we know sports.” into “ESPN Radio Sports Center”. **(KK-VA)**
- 1010 WINS NY **New York** – 9/4 0220 – mixing with CFRB, “... ten ten WINS...good morning it’s 72 degrees here in New York...”. **(KK-VA)**
- CFRB ON **Toronto** – 9/4 0159 – slogan “News, talk ten ten CFRB Toronto”. Time pip for 0200 into local news, “CFRB news time 2 oh 3” noted at 0203. **(KK-VA)**  
*CFRB’s shortwave // CFRX-6070 is apparently back on, after being silent for almost two years. Mike.*
- 1020 KDKA PA **Pittsburgh** – 9/3 0200 – mixing with Cuban Radio Reloj, ToH ID: “The Voice of Pittsburgh KDKA ten twenty...Pittsburgh” into CBS news, 0210 Dennis Miller call-in show. **(KK-VA)**
- 1030 WBZ MA **Boston** – 9/2 0155 - “You’re listening to the Seve Lavelli (sp?) broadcast. Boston’s only local all night talk show. Right here on WBZ news radio ten thirty”, 0200 ToH ID “WBZ WBZ-HD Boston” into CBS news. **(KK-VA)**
- 1040 WHO IA **Des Moines** – 8/31 0158 – Coast to Coast AM, ID as “This is Iowa. This is WHO” and “News radio ten forty WHO” into news at 0200. **(KK-VA)**
- 1050 WEPN NY **New York** - 8/30 0300 - “This is your home for New York baseball tonight. WEPN New York, WLIR Hampton Bay, WNJD Flemington. Ten fifty ESPN New York” into “ESPN Sports Center”. **(KK-VA)**
- WLON NC **Lincolnton** – 8/30 0243 – oldies, mixing with WEPN, ID by woman “Magic oldies ten fifty AM WLON” into Four Tops “Reach Out, I’ll Be There”. **(KK-VA)**
- 1060 KYW PA **Philadelphia** – 8/29 0158 – talk show mixing with C&W song and SS (Cuba?) talk, ID as “This is KYW and KYW-HD Philadelphia. Now broadcasting in digital high definition and 94.1 on the FM dial.” **(KK-VA)**
- 1070 WNCT NC **Greenville** – 8/27 0215 - religious programming mixing with WFNI and CHOK, slogan and web site promo: “New Christian Radio ten seventy WNCT dot com...”. **(KK-VA)**
- CHOK ON **Sarnia** – 8/27 0204 – in WFNI/WNCT mix with news, “From the Canadian Press, I’m Bill Marshall”, jingle “Country...CHOK” into C&W song. **(KK-VA)**
- 1080 WTIC CT **Hartford** – 8/25 1959 – slogan “WTIC news talk ten eighty” into “News Now”. **(KK-VA)**
- 1090 WBAL MD **Baltimore** – 8/25 0200 – CBS news in mix with IBOC hiss, 0205 ID by woman “This is Ann... on WBAL... WBAL weather forecast”. **(KK-VA)**
- 1100 WTAM OH **Cleveland** – 8/24 0158 - talking about sea pirates on “Coast to Coast AM”, ID as “News radio WTAM eleven hundred...Cleveland’s home for Fox News Radio on air and on demand. This is the big one. WTAM eleven hundred Cleveland” into Fox News Radio. **(KK-VA)**
- 1110 WBT NC **Charlotte** – 8/23 0155 - talking about Obama’s true birth date and location on “Coast to Coast AM” call in show, ToH ID as “News talk eleven ten WBT” into CBS News, 0210 slogan “News talk eleven ten WBT Charlotte” into CNN Radio Special Report. **(KK-VA)**
- 1120 KMOX MO **St. Louis** – 8/21 0155 - with call in talk show “KMOX Reality Check”, ToH ID “Your choice for news. News, talk eleven twenty KMOX...” into CBS News, 0206 slogan “Mid America’s most trusted source for news is news, talk eleven twenty KMOX, ‘The Voice of St. Louis’”. **(KK-VA)**
- WKQW PA **Oil City** - 9/10 0558 – oldies such as “Little Bitty Pretty One”, “Tequila”, ToH ID as “WKQW eleven twenty Oil City 11Q” into news. **(KK-VA)**
- 1130 WBBR NY **New York** – 8/18 0155 – man and woman with English accents talking financial items on Bloomberg radio (a BBC program perhaps?), ToH ID “This is WBBR New York”. **(KK-VA)**
- 1140 WRVA VA **Richmond** – 8/16 0159 – “Today’s Family Minute” during break on Coast to Coast AM show, ToH ID: “This is the station Richmond turns to for live, in depth, team coverage of breaking news...News radio eleven forty WRVA. Richmond’s news, weather, traffic and Cavalier station”, into Fox News radio.

(KK-VA)

- 1150 CKOC ON **Hamilton** - 8/14 0205 – oldies, ID as “Oldies eleven fifty CKOC”, station promo “When you get to work in the morning remember to turn your radio to oldies eleven fifty CKOC”. Nice selection of oldies played. Wish I had a station near my QTH like CKOC. (KK-VA)
- 1160 WYLL IL **Chicago** – 8/11 1059 - religious programming, ToH ID by man: “Eleven sixty WYLL... continue to broadcast the Gospel on WYLL...” (KK-VA)
- WABY NY **Mechanicville** – 8/12 0219 – oldies mixing with WYLL’s gospel, ID by man as “Eleven sixty WABY AM”. (KK-VA)
- WOBM NJ **Lakewood** - 8/14 2155 - Lakewood Blue Claws vs Savannah Sand Nets minor league baseball. The Blue Claws win 3-2 in the bottom of the 9th inning. Game followed by “Eleven sixty WOBM AM Blue Claws Post Game Show.” (KK-VA)
- 1170 WWVA WV **Wheeling** - 8/9 0155 - Ads for “Motor Coat”, promo for trucker show in Dallas, TX, “There’s the horn (hearing truck horn) American’s Trucking Network”, then ToH ID: “This is the big one... the big one... the big one (echo effect), News radio eleven seventy WWVA Wheeling” into Fox News Radio. (KK-VA)
- 1180 WHAM NY **Rochester** - 8/6 0155 – Coast to Coast AM, mixing with station playing Spanish songs, Fox News at ToH, 0206 man with ID as “News, talk eleven eighty WHAM”. (KK-VA)
- 1190 WOWO IN **Fort Wayne** - 8/3 0200 - Mixing with WLIB, “... news... breaking weather... Indiana... WOWO Fort Wayne, depend on it” ToH ID and slogan into “Coast to Coast AM” program. (KK-VA)
- WLIB NY **New York** - 8/3 0155 – in mix with WOWO, playing endless Gospel songs, 0221 ID by woman “Twelve ninety WLIB”. (KK-VA)
- 1200 WOAI TX **San Antonio** - 8/6 0551 - Ad for Southwest Airlines, ID as “News, talk, twelve hundred WOAI.” (KK-VA)
- WJES NC **Saluda** - 9/11 2110 - Elvis “Don’t Be Cruel”, slogan “AM 1450 AM 1200” into “Fallin In Love” by Hamilton, Joe Frank and Reynolds. Ad with mention of “Vicksburg”, “Greenwood” and “Saluda”. Jingle “Timeless Favorites” into “Knock Three Times” by Tony Orlando and Dawn. (KK-VA)
- 1230 WCMC NJ **Wildwood** - 7/26 0155 – Oldies, ToH ID “WCMC twelve thirty AM Wildwood” into “ABC News Now”. (KK-VA)
- 1350 WOYK PA **York** – 9/5 2010 – dominating frequency with West York v. Dallastown high school football, promo for next week’s games “only on Sports Radio 1350 WOYK”. (MKB-ON)
- 1500 WFIF CT **Milford** – 8/29 1959 – fighting off WWWT, WFED, or whatever the Washington, DC station calls themselves these days with gospel talk, ToH ID: “life-changing radio for southern Connecticut, AM 1500 WFIF Milford”. (MKB-ON)
- 1550 WNZF FL **Bunnell** - 8/20 2259 - Tropical Storm Fay updates and information. Decent signal fading in and out of a mix of stations. “When severe weather threatens Flagler County, count on WNZF...”. (IEN-GA)
- WDZK CT **Bloomfield** - 9/11 2051 – “Radio Disney Top 20”. Ad for “Hanna Montana gear at Walmart”. (KK-VA)
- 1680 WPRR MI **Ada** - 9/11 2029 - stunting with “Welcome. This is WPRR. Public reality radio coming soon on am sixteen eighty. Public reality radio WPRR”. (KK-VA)

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# International DX Digest

**Bruce Conti** nrcidxd@aol.com  
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Foreign DX Catches. All times are UTC

With the sun remaining under an extended period of sunspot minimum, I'm looking forward to another year of amazing DX. We're off to a great start with 26 countries logged by DXers in 7 states. Thank you to all for the logs and support.

## Transatlantic DX

- 162 **FRANCE** *France-Inter*, Allouis (47°10'N 02°12'E) AUG 27 0453 - Usual discussion by a man and woman in French. Brief music bumper at top of the hour and sounded like into news. Poor at noise level with copyable peaks; best in USB. Can hear music occasionally under - something new on 162 or an image? I've never heard anything other than France on 162. [Frodge-MI] Maybe Turkey with 1000 kW.
- 198 **ENGLAND** *BBC Radio 4*, Droitwich et al. AUG 27 0502 - Man and woman with discussion in English. Poor at noise level; interference from DIW beacon. [Frodge-MI]
- 531 **ALGERIA** *Chaîne 1*, El Ain Beida (35°49'N 7°19'E) SEP 7 0009 - Fair, over Spain; Koranic vocal parallel 549 kHz. [Conti-NH]
- 531 **SPAIN** *RNE5* synchros AUG 24 0116 - Parallel 585 and 738 with man in Spanish; poor over rumble. [Connelly-MA]
- 549 **ALGERIA** *Chaîne 1*, Les Trembles (35°17'N 0°34'W) AUG 23 0052 - Parallel 891 with sad-sounding male Arabic vocal; fair. [Connelly-MA]
- 558 **SPAIN** *RNE5* synchros AUG 23 0055 - Parallel 774 with woman in Spanish, bit of choral music, *Radio Nacional de España* ID, then folk guitar; good. [Connelly-MA]
- 567 **SPAIN** *RNE5* synchros SEP 4 0400 - Time pips, time check, fanfare and news parallel 585 kHz; over an unID Middle East vocal, maybe Syria. [Conti-NH]
- 585 **SPAIN** *RNE* Madrid (40°28'N 3°52'W) AUG 24 0112 - Spanish newstalk by man; through WEZE slop. [Connelly-MA] SEP 3 0400 - Good, over unID talk; pips, fanfare, time check, and *Radio Nacional de España* ID into news. [Conti-NH]
- 603 **SPAIN** *RNE5* synchros AUG 24 0119 - Parallel 738 with female vocal; slightly over presumed France. [Connelly-MA] SEP 3 0400 - Good; time pips, fanfare, etc., into news parallel 585 kHz. [Conti-NH]
- 612 **MOROCCO** *RTM A*, Sebaa-Aioun (33°54'N 5°23'W) AUG 24 0112 - Group Arabic vocal; to fair peak. [Connelly-MA]
- 621 **CANARY ISLANDS // SPAIN** *RNE1* synchros, Santa Cruz de Tenerife et al. SEP 12 0418 - Spanish news talk by a man and woman. Peaking to fair signal level. [Beu-TX]
- 639 **SPAIN** *RNE* La Coruña et al. AUG 24 0119 - Parallel 738 with operatic female vocal, then man in Spanish; to good peak over CBN slop. [Connelly-MA]
- 711 **FRANCE** *France Info*, Rennes (47°51'N 1°30'W) AUG 23 0059 - Jazz, then woman in French; over Western Sahara rumble and WOR/Cuba slop. [Connelly-MA] SEP 7 2358 - Excellent except during brief bursts of 710 WOR splatter; orchestra instrumental parallel 837 kHz. [Conti-NH]
- 738 **SPAIN** *RNE* Barcelona (41°23'N 2°12'E) AUG 24 0117 - Parallel 531 and 585 with Spanish talk by man; to good peak over slop from 740 WJIB, CFZM, CHCM jumble. [Connelly-MA]
- 747 **CANARY ISLANDS // SPAIN** *RNE5* synchros AUG 23 0102 - Spanish news by a man and woman; dominant, some CBGY slop. [Connelly-MA]
- 747 **NETHERLANDS** *Radio 5*, Flevoland (52°23'N 5°25'E) SEP 5 0400 - Fair; smooth jazz instrumental, time pips (over *RNE* pips), and a woman in Dutch. SEP 7 2358 - Good; easy listening instrumental, 2400 time marker (three pips - two short, one long), a woman reading news in Dutch, and at 0002 *Radio Vijf* ID. [Conti-NH]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg AUG 23 0046 - Man in German; fair. [Connelly-MA] SEP 5 0400 - Good; synthesized flourish, time marker, and woman in German. [Conti-NH]
- 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 6°44'E) AUG 23 0046 - Lounge-style French male vocal; to good peak. [Connelly-MA]
- 774 **SPAIN** *RNE* synchros AUG 23 0055 - Parallel 558 with woman in Spanish, bit of choral music, *Radio Nacional de España* ID, then folk guitar; poor to fair. AUG 24 0121 - Parallel 738 with talk and interspersed music; to good peak. [Connelly-MA]



- 837 **FRANCE** *France Info*, Nancy (48°53'N 6°14'E) SEP 5 0400 - Fair; man and woman with news in French. SEP 7 2358 - Good; orchestra instrumental. [Conti-NH]
- 864 **EGYPT** *ERTU Santah* (30°45'N 31°08'E) AUG 23 0104 - Koranic male Arabic vocal; dominant. [Connelly-MA]
- 864 **FRANCE** *France Bleu*, Villebon-sur-Yvette (48°41'N 2°14'E) AUG 24 0126 - Mellow French song; to good peak. [Connelly-MA] SEP 7 2345 - Excellent; pop French vocal, *France Bleu* jingle, and an English reggae vocal. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford (51°10'N 3°21'W) AUG 23 0042 - Bit of pop music, man and woman in English; poor. [Connelly-MA] SEP 2 0400 - Fair, over *COPE*; time marker and BBC World Service ID into news through burst of 880 WCBS splatter. [Conti-NH]
- 891 **ALGERIA** *Chaîne 1*, Algiers (36°40'N 3°09'E) AUG 23 0039 - Slow Arabic music with strings and vocal; over WAMG slop. [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5 Live* synchros AUG 23 0107 - Newstalk / discussion; poor in WABI slop. [Connelly-MA]
- 972 **LIBYA** *Libyan Jamahiriya*, Sirte SEP 7 2336 - Fair; Koranic vocal and flute, then a woman in Arabic, parallel 1053 kHz. [Conti-NH]
- 999 **MOLDOVA** Grigoriopol, Maiac (47°14'N 29°24'E) SEP 2 0300 - Two cycles of Mayak (Lighthouse) radio interval signal chimes, the first fading up over presumed 1010 WINS-HD digital noise, the second cycle stronger, then time pips from multiple stations. Chuck Hutton and Mauricio Molano at RealDX identified the chimes, and Mauno Ritola confirmed Mayak on 999 when not relaying other programs. Thanks guys! [Conti-NH]
- 999 unID (Saudi Arabia or Morocco?) AUG 23 0037 - A cappella male Arabic vocal; dominant. [Connelly-MA]
- 1053 **LIBYA** *Libyan Jamahiriya*, Tripoli (32°50'N 13°00'E) SEP 7 2330 - Good; signature chimes and a man in Arabic. [Conti-NH]
- 1053 **ROMANIA** *R.Iasi*, Iasi (47°10'N 27°37'E) SEP 2 0300 - ID and jingle into news; a weak signal with splatter from 1050 WEPN and no sign of *TalkSport* which was strong on 1089 kHz. Thanks to Chuck Hutton and Mauricio Molano at RealDX for help with identification. New log. SEP 7 0300 - Sign-on with choral anthem and AM/FM ID with jingle, "Radio Iasi, 1053 kilohertz onda... megahertz FM." Again no sign of *TalkSport*. Audio uploaded to the Loco the DX Cat files of dxclipjoint.com. [Conti-NH]
- 1062 **DENMARK** *Danmarks Radio*, Kalundborg (55°40'N 11°04'E) AUG 31 0400 - Excellent; pop vocal cut mid-song, fanfare into news by a man in distinctive Danish. [Conti-NH]
- 1062 **TURKEY** *TRT Diyarbakir* (37°49'N 40°19'E) SEP 2 0200 - Overall strong signal but faded on the hour during ID (of course); Koranic vocals, announcements by a woman and man with "Radyo Bir" ID. Thanks to Jari Savolainen at RealDX. [Conti-NH]
- 1071 **SPAIN** *Euskadi Irratia*, Bilbao AUG 31 0100 - Two stations of equal strength, neither intelligible, one presumed *Euskadi Irratia*. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros AUG 31 0200 - Good; "TalkSport News" with lead story about Hurricane Gustav. [Conti-NH] SEP 8 0326 - Fragments of English news talk. Fair signal peaks. [Beu-TX]
- 1107 **SPAIN** *RNE5* synchros AUG 31 0100 - Barely readable over growling off-frequency signals. [Conti-NH]
- 1116 **SPAIN** *SER* synchros AUG 17 0003 - Fair; alternating man and woman with news in Spanish. [Conti-MA]
- 1116 unID AUG 31 0100 - Intriguing unID signal with Middle Eastern instrumental music, not parallel bumper music on other *SER* Spain frequencies; in fact no sign of any 1116 *SER* synchros through the top of the hour, though *SER* faded up to its usual dominant signal shortly after. [Conti-NH]
- 1125 **SPAIN** *RNE5* synchros AUG 31 0100 - Dueling time pips from at least two synchros, then an alternating woman and man with news in Spanish parallel 1152 kHz; fair over an unID signal not parallel 1134 Croatia. [Conti-NH]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) AUG 17 0005 - Good; end of news in Croatian into music program. [Conti-MA] AUG 23 0033 - Polka vocal; excellent, way over Spain. [Connelly-MA] AUG 26 0015 - Good, with music, first TA of the season. [Renfrew-NY] AUG 31 0100 - Excellent with signature slow time pips well over unID pips; Hrvatske Radio ID and fanfare into news. 0200 excellent; pips, Glas Hrvatske ID, then ID and news in English. "This is Croatian Radio, the Voice of Croatia. You're listening to Croatia Today. This is the news from the Voice of Croatia..." [Conti-NH]



- 1196.8 **ANGOLA** *EP de Malanje*, Malanje AUG 17 0005 - Presumed het on low side of an unID 1197 signal. [Conti-MA]
- 1206 **FRANCE** *France Info*, Bordeaux (44°57'N 0°11'W) AUG 17 0005 - Good; woman with news in French. [Conti-MA] AUG 23 0031 - Parallel 1377 with woman in French; fair. [Connelly-MA] AUG 31 0018 - Good; news/talk in French. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros AUG 17 0003 - Good; Kid Rock "(Sweet Home Alabama) All Summer Long." [Conti-MA] AUG 23 0015 - "Hard to Handle" by Black Crowes; fair, over Spain. 0020 "Kiss from a Rose" by Seal; very good. [Connelly-MA] AUG 31 0023 - Good; Blue Oyster Cult "Don't Fear the Reaper." SEP 7 0015 - Good; Blondie "Atomic." At 0458 telephone talk and new *Absolute Radio* promo/ID by a woman in a soft sexy voice. [Conti-NH]
- 1269 **GERMANY** *Deutschlandfunk*, Neumünster (54°03'N 9°51'E) AUG 31 0025 - Classical instrumental; better than the typically strong 1422 and 6190 parallels. [Conti-NH]
- 1377 **FRANCE** *France Info*, Lille (50°31'N 2°59'E) AUG 23 0031 - Parallel 1206 with a woman in French; good. [Connelly-MA]
- 1394 **TOGO** *R.Lomé*, Lomé SEP 13 2245 - Presumed, noted carrier only; faded out by 2300 receiver sunset. EMWG lists 0455-0005 hours of operation. [Conti-NH]
- 1404 **FRANCE** *France Info* synchros AUG 16 2358 - Poor through lightning noise; orchestra instrumental parallel 1557 kHz. [Conti-MA] AUG 31 0034 - Good; man and woman in French parallel 1206 kHz. [Conti-NH]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler (49°21'N 6°55'E) SEP 3 0350 - Good, over an unID het; discussion in German parallel 6190 kHz. [Conti-NH]
- 1431 **DJIBOUTI** *R.Sawa*, Arta (11°31'N 42°50'E) SEP 13 2310 - Jumpy s4 to s9 signal; Mid East vocal, 2315 news. [Conti-NH]
- 1512 **SAUDI ARABIA** *BSKSA* Jeddah (21°15'N 39°10'E) AUG 17 0001 - Koranic vocal briefly above local lightning noise. [Conti-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba (27°20'N 35°45'E) AUG 17 0000 - Good; time pips and man in Arabic. [Conti-MA] AUG 23 0022 - Excited Arabic talk by one man, calm talk by other; loud. Only about 10 dB weaker than 1510 WWZN, so coming in at estimated level of 64 dBu here. [Connelly-MA] AUG 26 0018 - Very good in spite of nearby WWKB, with a woman speaking. [Renfrew-NY] SEP 8 0133 - Fair peak with talk by a man in Arabic. [Beu-TX]
- 1557 **FRANCE** *France Info*, Fontbonne (43°46'N 7°25'E) AUG 16 2358 - Fair; orchestra instrumental leading up to news in French. [Conti-MA]
- 1575 **SPAIN** *SER* synchros AUG 17 0001 - Rising above local lightning noise to fair level; man and woman in Spanish. [Conti-MA]
- 1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya (24°11'N 54°14'E) AUG 23 0027 - Mideast dance music with large orchestra. [Connelly-MA]
- 1584 **CEUTA** *RadiOlé*, Ceuta (35°53'N 5°17'W) AUG 17 0001 - Fair; Spanish R&B/pop vocal. [Conti-MA]

#### Pan-American DX

- 720 **MEXICO** XEDE *La Caliente*, Saltillo, Coah (25°26'N 100°53'W) SEP 3 1125 - Mexican music, "La Caliente" slogans; full ID at 1129 mentioning call letters, 8000 watts power, and address (agrees with '08 WRTH); a few local ads followed; at 1132 KSAH powered up and took over the frequency. [Wilkins-CO]
- 730 **MEXICO** XESOS Agua Prieta, Son SEP 13 1149 - Variety of Mexican music; canned "Radio Uno, La Número Uno" slogans after each song; full ID at 1202 announcing frequency, call letters, address (Calle Internacional y Avenida 5, Local 8-C), and grupo Radiofónica ZER; back to music at 1203. Good on peaks with fading. New here, ex-670 and ex-1140. [Wilkins-CO]
- 750 **CUBA** CMHV *R.Progreso*, Trinidad (21°48'N 79°59'W) SEP 5 0800 - Poor; theme song with ID, chime, and time check. [Conti-NH]
- 810 **MEXICO** XERI Reynosa, Tama AUG 12 1123 - Ads and PSA's, 1127 gal with area headlines ("Noti Rey"); 1128 plug for radiorey.com, followed by "Radio Rey, realmente música" slogan; Mexican pop music followed. Fair with local KLVZ off the air; later mixing with XESB. New here, XE #222. [Wilkins-CO]
- 840 **CUBA** CMHW *DobleVé*, Santa Clara (22°24'N 79°56'W) SEP 5 0401 - Even with WHAS; choral national anthem. [Conti-NH]
- 960 **CUBA** *R.Reloj*, multiple sites AUG 23 0110 - Spanish news, ticks, beeps; dominant and loud. [Connelly-MA]
- 1060 **MEXICO** XEEP *R.Educación*, México DF (19°22'N 99°02'W) SEP 7 0500 - Fair; "Esta es Radio Educación..." into a cultural program. [Conti-NH]



- 1180 **CUBA** *R.Rebelde*, Villa María (23°07'N 82°22'W) AUG 23 0114 - Parallel 5025 with sporting event; over WHAM. [Connelly-MA]
- 1290 **MEXICO** XEAP Cd. Obregón, Son SEP 7 1222 - Romantic Spanish vocals; canned "Romántica Doce Noventa" slogans after each song; full ID, I think, at 1229 but signal was in a fade; more music at 1230 after a short ad. Generally fair. [Wilkins-CO]
- 1540 **BAHAMAS** ZNS1 Nassau (25°00'N 77°21'W) SEP 6 2015 - R&B music, "National Voice of the Bahamas" and "Bahamas Radio Network" with Hurricane Ike info. [Cereghin-DE]

#### Transpacific DX

- 774 **JAPAN** JOUB *NHK2* Akita (39°43'N 140°07'E) SEP 13 1221 - Gal with talk in Russian, occasional brief comment by man in Japanese. Did not sound like a language lesson, but perhaps it was. First time I've heard Russian on *NHK2*; they used to have English/Japanese language lessons at this time. [Wilkins-CO]

#### Contributors

Mike Beu KD5DSQ, Austin TX; Drake R8B, terminated Delta antenna.

John Cereghin, Smyrna DE; FRG-7.

Mark Connelly, Billerica MA; Drake R8A, Quantum Phaser, SuperLoop peak northeast / null southwest, 10 m vertical by 16 m horizontal, base height 1.5 m, variable resistance southwest termination, Delta peak southeast / null northwest, 10 m base center to apex vertical distance by 20 m horizontal, base height 1.5 m, 1000 ohms fixed northwest termination.

Bruce Conti, West Yarmouth MA; SDR IQ, 11 x 27-m east SuperLoop.

Bruce Conti, Nashua NH; SDR IQ, WR-CMC-30, MWDX-5, 15 x 23-m SuperLoop antennas east with remote variable termination and south 1150-Ω terminated.

Harold Frogge, Midland MI; Drake R8B, 215-ft center-fed random wire, 85-ft end-fed random wire, 125-ft bow-tie.

Jim Renfrew, Holley NY; Drake R8B, longwires.

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

#### International News

**ALGERIA:** 252 *R.Algérienne*, Tipaza, reported off-frequency at 250 kHz during August, back on 252 September 5. [various sources]

**MEXICO:** Grupo ABC Radio: 580 XEAV Guadalajara, 670 XEQG Querétaro, 700 XEVC Córdoba, 740 XEKV Villahermosa, 760 XEABC México, 820 XEABCA Mexicali, 820 XEKG Córdoba, 890 XEFRT Comitán, 940 XEMMM Mexicali, 960 XECZ San Luis Potosí, 960 XEXC Taxco, 970 XEVOX Mazatlán, 1000 XETAC Tapachula, 1050 XEZUM Chilpancingo, 1190 XETOT Tampico, 1280 XEEG Puebla, 1290 XENX Mazatlán, 1440 XEABCJ Guadalajara, 1460 XEJH Xalapa. [www.oem.com.mx/abcradio]

**PORTUGAL:** *Rádio Sim* affiliates, ex-*R.Renascença*: 576 Braga, 594 Muge, 891 Vilamoura, 927 Évora, 963 Seixal, 981 Bragança, 981 Coimbra, 981 Guarda, 981 Vila Real, 1251 Chaves, 1251 Porto, 1251 Viseu. Há uma nova rádio com as músicas do seu tempo. Rádio Sim - Assim, Sim! [www.radiosim.pt]

**SPAIN:** *RNE1* has dropped the "Radio Uno" designation, IDing only as "Radio Nacional" or "Radio Nacional de España." [M.Molano, mwdx]

**UNITED KINGDOM:** *Virgin Radio* is changing to *Absolute Radio*. "Virgin Radio is re-inventing itself, with a brand new name and a whole new attitude. Just like David Bowie became Ziggy Stardust and Prince decided to be a symbol, Virgin Radio wanted a new look, so we've shaken things up a bit, added a little spice, and created a brand spanking new radio station that is about to blow your socks off. Yes folks the rumours are true, by October 2008 we'll be saying goodbye Virgin Radio, and hello to **Absolute Radio** with the launch of a new music and entertainment brand that keeps all the great things our listeners love but a million times bigger and with more attitude and naughtiness than a Rolling Stones backstage party." [www.absoluteradio.co.uk]

73 and Good DX!

### NEW!!! IRCA Slogans List (Winter 2007) NEW!!!

This completely revised Slogans List, which includes radio slogans from the U. S., Canada and Mexico (over 4000), is now available from the IRCA Bookstore. Prices: NRC/IRCA members - \$6.00 (US/Canada/Mexico/sea mail), \$8.00 (rest of the Americas/ Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members - add \$1.00.

To order send the correct amount (in US funds payable to "Phil Bytheway" (which will be returned if not made out to Phil Bytheway) to: IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334 (email: phil\_tekno@yahoo.com).

# Target DX

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## DX'ing 'smart', with shared tips and information from NRC members

Welcome to the Target DX Column number 5. Contributor this month: Richard Clark

This month we will look at Realistic Targets. What are Realistic Targets, you ask? A Realistic Target is selecting a target that you actually have a reasonable chance at hearing. I often see loggings of stations that I would love to hear and have a want to add it to my Targets List. However after some investigating I have found that there is very little chance I could hear the station so I may not add it to my list. What kind of investigation process should you go through before adding a station to your list? Here are eight considerations to help you build a Realistic Targets List :

**1- Is the frequency a useable one?** As an example if there is a TA (Trans Atlantic) or TP (Trans Pacific) station that someone hears but it is 1 or 2 kHz away from your local station that would eliminate it as a target as the frequency will be covered up with splatter from your local. You might have better luck on split frequencies further away from the usual 10 kHz spacing in North America. For North American DX you will have to check the frequency and see if it lends itself to being DX material. It may be of no use listening 10 kHz from a 50,000 Watt local for a 1,000 Watt DX station.

**2- Is my location conducive to hearing the station?** I see lots of good TA's and TP's listed but the truth is they are very hard if not impossible to hear from Winnipeg MB. There is just too much land for signals to travel over to reach here except on very rare occasions. Your location may be on the wrong side of a mountain to hear a station unless propagation conditions are totally crazy if at all. Also ask yourself what was the location of the person DX'ing? If they (The DX'er with the logging) are on the East coast shall we say and you live on the West coast they will hear stations you probably will never hear and visa versa. Do a little research of what lies between you and the new target to see if it is realistic.

**3-What is my equipment like?** You have to be realistic on the matter of your equipment and the equipment others are using to DX with. If a DX'er is using a high end receiver like a Drake R8 or ICOM R75 and you have a portable radio you are not apt to hear what he/she hears even if you live nearby. The same goes for antennas. A DX'er with a 1000 foot beverage is going to hear stations your whip antenna or 50 foot long wire cannot pick up at a hearable level. I am not putting down the smaller low cost radios as many are very good units but they are not as sensitive or selective (filters on board) as the big table top receivers. The lack of so called "bells and whistles" can be a big definer in what can be heard. So have a look and compare what was being used versus what you have on hand.

**4- How often are these stations heard?** You may see a great logging and think to yourself "I would love to catch that station too." However the logging you saw may have been a rare catch. See how many others have heard the station before. Read the logging carefully to see if the DX'er states something like "Finally after 4 years of trying I finally got this one for a few minutes" or "Never thought this one would ever come through the other stations on frequency." Loggings in the NRC publications and other sources can be of help in the decision process. Go to NRC web site and look under the DDXD and IDXD Downloadable Files and see what is heard regularly. You can also go through some back issues and see if the station is logged regularly. The more often it is heard the more likely you are to hear it too.

**5- What is the station's Pattern/Power?** By this I mean their transmission pattern or patterns. Many stations have directional pattern(s) to protect other stations on the frequency. See if the pattern of your potential target lends itself to you hearing them. They might be easy for DX'ers in one part of the country because of their day or night pattern but their signal is nulled to your direction. Also many stations change up their power with their pattern or at sun rise and or sun set. This can further complicate what is realistically available to you.

**6- Is the station On Air?** I often mark down CP's (Construction Permits) or AP's (Application Permits) that are close by or reasonable to get. The AM Switch and the Domestic DX columns are good sources for these. These may take a while to come on air but it never hurt to keep checking the frequency to see if they are on yet. Often when a station comes on air or amends their power or direction they test with odd music or test tones. Most often a loop of continuous announcements is used with the station ID'ing regularly. This can help you hear them on even on a messy frequency.

**7- Station or DX Tests.** Watch for pre-arranged tests set up by NRC or IRCA. These are great ways to hear a station. They often play odd music selections, use test tones, Morse Code ID's and lots of voice ID's. They are listed on the front page of the NRC DX News in each issue and are listed at the

following DX site:

Check for tests on the weekends during the fall and winter months. They can be added to your Targets List so you remember when the tests are.

**8- Patience.** Now you may say this sounds like a lot of work just to get a new station. Well, yes you are right it is some work. However if you are going to set up targets then you might as well set up Realistic Targets. It can be very frustrating listening time after time for a target and never hearing it. If you choose carefully you will have a higher success rate than randomly choosing stations as targets. Most of us have limited time to DX so use it wisely. Getting a new one can be a long term project. I have at times had stations on my list for 1 or 2 years but when you finally hear it the reward was worth the wait each and every time.

I would like to emphasize that this is not a column for just long time or veteran DX'er. I see the idea behind the column as helping DX'ers from the novice to the veteran. In fact the novice should benefit even more from this Target DX method. Any person new to the hobby will have an excellent tool to use to up their stations heard totals faster and easier.

Richard said he enjoyed reading the column and I hope he is gaining some good tips. Hopefully the readers will start contributing their lists as the DX season starts to heat up. Share your lists with the other readers so we can help each other hear some new DX. You can email them to me or send them snail mail and I will add them to the column.

My personal Targets Sheet is always available at: <http://www.dxtests.info/> It is updated as I get new stations or add new targets.

73 for this time Shawn

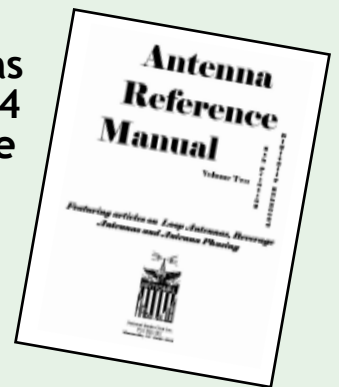
Remember On A Clear Day You Can Hear Forever

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

## Antenna Reference Manual, Volume 2

*8th Printing Digitally Enhanced and Updated* This book is a compilation of numerous articles on the subject of antennas for medium wave DX'ers, originally published between 1974 and 1981 in *DX News*. Some articles were formerly available as reprints. Includes articles on air-core and ferrite core loops, antenna tuners for longwire and Beverage antennas, and phasing units for use with Beverage antennas and longwires. 8 1/2" X 11" bound book format. Price: \$8.95 to NRC members; \$11.95 to non-members. Canadian orders:

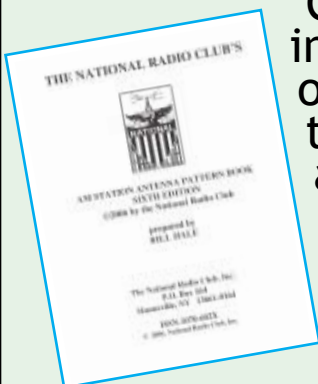
PayPal or postal M. O. only. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



## 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.)



# Professional Sports

## Networks

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## Network listings for team sports stations

Here is National Football League flagship information from Ken Onyschuk's Internet searches. I have added to Ken's information via Internet searches to find network lists. I am not sure that I have all of the information on foreign-language broadcasts. Note that some web pages have a "Do not reproduce" statement at the bottom of each page. In these cases, I can only give the URL. Please send me any of these missing network lists or any announcer names that you have. And please correct any incorrect information herein. Following the flagship information are the network lists; I could not locate three for the current season. Note that all of the network lists are subject to change throughout the season. Thanks.

Also, Westwood One will be broadcasting games this season - usually an early afternoon game, a late afternoon game, a Sunday evening game, and the Monday night game. I found a schedule at this web site: <http://fangsbites.blogspot.com/2008/09/westwood-radios-2008-nfl-regular-season.html>

Arizona Cardinals	620	KTAR-AZ	(EE)	Dave Pasch, Ron Wolfey, Paul Calvisi
Arizona Cardinals	710	KMIA-AZ	(SS)	Gabriel Trujillo, Rolando Cantu
Atlanta Falcons	92.9	WZGC-GA		Wes Durham, Dave Archer
Baltimore Ravens	1090	WBAL-MD		Gerry Sandusky, Rob Burnette, Stan White
	97.9	WIYY-MD		
Buffalo Bills	96.9	WGRF-NY		John Murphy, Mark Kelso, Rich Gaensler
	103.3	WEDG-NY		
Carolina Panthers	1110	WBT -NC		Mick Mixon, Eugene Robinson, Jim Szoke
	99.3	WBT -NC		
Chicago Bears	780	WBBM-IL		Jeff Joniak, Tom Thayer
Cincinnati Bengals	1360	WCKY-KY		Brad Johansen, Dave Lapham
	92.5	WOFX-OH		
Cleveland Browns	100.7	WMMS-OH		Jim Donovan, Doug Dieken
	1100	WTAM-OH		
Dallas Cowboys	93.3	KDBN-TX	(EE)	Brad Sham, Babe Laufenburg Kristi Scales
	1310	KTCK-TX	(EE)	
Dallas Cowboys	99.1	KFZO-TX	(SS)	Victor Villalba, Andres Arce, Luis Perez
	1270	KFLC-TX	(SS)	
Denver Broncos	850	KOA -CO		Dave Logan, Dave Diaz-Infante
Detroit Lions	97.1	WKRK-MI		Dan Miller, Jim Brandstatter
	1270	WXYT-MI		
Green Bay Packers	620	WTMJ-WI		Wayne Larrivee, Larry McCarren
	1360	WTAQ-WI		
Houston Texans	610	KILT-TX		Marc Vandermeer, Andre Ware
	100.3	KILT-TX		
Indianapolis Colts	1070	WFNI-IN		Bob Lamey, Will Wolford
	97.1	WLHK-IN		
Jacksonville Jaguars	690	WOKV-FL		Jeff Lageman, Brian Sexton
	106.5	W___-FL		
Kansas City Chiefs	101.1	KCFX-MO		Mitch Holthus, Len Dawson
Miami Dolphins	560	WQAM-FL		Jimmy Cefalo, Jim Mandich, Joe Rose
Minnesota Vikings	1130	KFAN-MN		Pete Berich, Paul Allen
	100.3	KTLK-MN		
New England Patriots	104.1	WBCN-MA		Gil Santos, Gino Cappelletti
New Orleans Saints	870	WWL -LA	(EE)	Jim Henderson, Hokie Gajan
New Orleans Saints	830	WFNO-LA	(SS)	Marco Garcia, Hector Pineda
New York Giants	660	WFAN-NY		Bob Papa, Dick Lynch, Carl Banks
New York Jets	1050	WEPM-NY		Bob Wischusen, Marty Lyons (no network)
Oakland Raiders	560	KSFO-CA		Greg Papa, Tom Flores
Philadelphia Eagles	94.1	WYSP-PA		Merrill Reese, Mike Quick
	610	WIP -PA		

Pittsburgh Steelers	970	WBGG-PA	Bill Hillgrove, Tunch Ilkin
	102.5	WDVE-PA	
Saint Louis Rams	103.3	KLOU-MO	Stan Savran, Jim Hanifan (no network)
San Diego Chargers	105.3	KIOZ-CA	Josh Lewin, Hank Bauer
San Francisco 49ers	680	KNBR-CA (EE)	Joe Starkey, Gary Plummer, Rod Brooks
	1050	KNBR-CA (EE)	
	107.7	KSAN-CA (EE)	
	1010	KIQI-CA (SS)	Fernando Arias, Ambrosio Rico
Seattle Seahawks	710	KIRO-WA	Steve Raible, Warren Moon
Tampa Bay Buccaneers	620	WDAE-FL	Dave Moore, Gary Deckerhoff
	103.5	WFUS-FL	
Tennessee Titans	103.3	WKDF-TN	Mike Keith, Frank Wycheck, Larry Stone
Washington Redskins	980	WTEM-DC	Sam Huff, Larry Michael, Sonny Jurgensen

**Arizona Cardinals 2008** (as of July, 2008) Dave Pasch, Ron Wolfey, Paul Calvisi

<http://www.azcardinals.com/multimedia/partners.php> (as of July, 2008) (08/31/2008)

560	KBLU-AZ	1130	KQNA-AZ	1290	KCUB-AZ		
600	KVNA-AZ	1150	KDEF-NM	1340	KIKO-AZ	92.1	KZUA-AZ
620	KTAR-AZ *	1230	KATO-AZ	1400	KRVZ-AZ	92.3	KTAR-AZ *
780	KAZM-AZ	1250	KBSZ-AZ	1420	KTAN-AZ	94.3	KDDL-AZ
980	KNTR-AZ						

**Arizona Cardinals 2008** (as of July, 2008) Gabriel Trujillo, Rolando Cantu

<http://www.azcardinals.com/multimedia/partners.php> (as of July, 2008) (08/31/2008)

710	KMIA-AZ *	1010	XEWS-MX	1170	XEFEM-MX	1420	XEPK-MX
810	XEIM-MX	1020	XEVE-MX	1360	XEY-MX		
900	XEOK-MX	1050	XEDC-MX	1370	XEPJ-MX	106.1	XHPPO-MX
960	XEMM-MX	1140	XEXF-MX				

**Atlanta Falcons 2008** Wes Durham, Dave Archer

[http://www.atlantafalcons.com/Schedule/Radio\\_and\\_TV\\_Coverage/Radio\\_Affiliates.aspx](http://www.atlantafalcons.com/Schedule/Radio_and_TV_Coverage/Radio_Affiliates.aspx) (08/31/2008)

DO NOT REPRODUCE

**Baltimore Ravens 2008** Gerry Sandusky, Rob Burnette, Stan White

[http://www.baltimoreravens.com/Gameday/Media\\_Coverage/Gameday\\_Affiliates.aspx](http://www.baltimoreravens.com/Gameday/Media_Coverage/Gameday_Affiliates.aspx) (08/31/2008)

550	WSVA-VA	1240	WCEM-MD	92.5	WXMD-MD	97.9	WIYY-MD *
910	WSBA-PA	1470	WTTR-MD	93.5	WZBH-MD	106.3	WCEM-MD
930	WFMD-MD	1490	WARK-MD	97.7	WYRX-MD	107.1	WCBC-MD
1090	WBAL-MD *						

**Buffalo Bills 2008** John Murphy, Mark Kelso, Rich Gaensler

<http://www.buffalobillsradio.com/> (09/07/2008)

590	CJCL-ON		WRIE-NY	1570	WFLR-NY m	96.9	WGRF-NY *
920	WKRT-NY	1290	WNBF-NY	1590	WAUB-NY m	100.1	WBRR-NY
1160	WPIE-NY	1330	WSPQ-NY			101.9	WZKZ-NY
1180	WHAM-NY	1380	WABH-NY	92.7	WXUR-NY	103.3	WEDG-NY *
1240	WGVA-NY m	1410	WELM-NY	95.7	WPIG-NY	103.5	WQBK-NY
	WJTN-NY	1420	WACK-NY	96.5	WBKX-NY	103.9	WQBJ-NY
1260	WNSS-NY						

**Carolina Panthers 2008** Mick Mixon, Eugene Robinson, Jim Szoke

<http://www.panthers.com/Multimedia/Default.aspx?id=1596> DO NOT REPRODUCE

**Chicago Bears 2008** Jeff Joniak, Tom Thayer

(from a response from Jan Winters (WBBM) to my web-based e-mail) (09/15/2009)

950	KOEL-IL		WJBC-IL	1590	WAJK-IL	101.7	WIVR-IL
960	WSBT-IN	1280	WBIG-IL	95.1	WVLI-IL	102.3	WDQX-IL
1050	WDZ-IL	1360	WLBK-IL	97.7	WLQI-IN	104.5	WFMB-IL
1060	WRHL-IL	1440	WGEM-IL g	98.7	WASK-IN u	104.9	KBOB-IA
1150	KCPS-IA		WROK-IL	99.1	WXTT-IL	105.1	WGEM- g
1230	WHCO-IL	1490	WDBQ-IA	101.3	WVIL-IL	107.3	WDDD-IL

**Cincinnati Bengals 2008** Brad Johansen, Dave Lapham

<http://www.bengals.com/team/OntheAir.html> DO NOT REPRODUCE

**Cleveland Browns 2008** Jim Donovan, Doug Dieken

<http://www.clevelandbrowns.com/gameday/air.php> (09/07/2008)

790	WHTH-OH	1450	WJER-OH	1590	WAKR-OH	100.9	WJAW-OH
970	WFUN-OH		WLEC-OH			100.9	WMJK-OH
980	WONE-OH	1460	WABQ-OH	92.7	WQEL-OH	104.5	WQKT-OH
1100	WTAM-OH *	1480	WHBC-OH	93.3	WNCD-OH	105.7	WBWR-OH
1330	WMRN-OH	1520	WDMN-OH	94.3	WKKI-OH	106.3	WCDK-OH
1340	WIZE-OH	1540	WBTC-OH q	95.3	WKTN-OH	107.5	WZRZ-OH
1400	WMAN-OH	1570	WPTW-OH	100.7	WMMS-OH *	107.7	WPFZ-OH
1430	WFOB-OH						

**Dallas Cowboys 2008** Brad Sham, Babe Laufenburg, Kristi Scales

<http://www.dallascowboys.com/dcradio.cfm> (09/09/2008) DO NOT REPRODUCE

**Dallas Cowboys Spanish Language Radio Network Cadena de Plata Radio 2008** Victor Villalba,

Andres Arce, Luis Perez <http://www.dallascowboys.com/dcradio.cfm> (09/09/2008)

(This list mentions the 2006 season.) DO NOT REPRODUCE

**Denver Broncos 2008** Dave Logan, Dave Diaz-Infante

<http://broncosradionetwork.com/pages/network.html> (09/09/2008)

Is this the 2008 list? It is identical to the 2007 list.

550	KRAI-CO	1230	KBCR-CO	1350	KABQ-NM	1490	KGOS-WY
	KFYR-ND s		KXLO-MT	1380	KOTA-SD		KUGR-WY
580	KUBC-CO	1240	KDGO-CO	1400	KWUF-CO		
600	KCOL-CO		KASL-WY		KAYS-KS	92.5	KCRT-CO
610	KCSR-NE		KRAL-WY		KCOW-NE		KLZY-WY
650	KGAB-WY		KTHE-WY		KSHP-NV	93.5	KALQ-CO
730	KLOE-KS	1260	KPOW-WY		KBJM-SD	96.1	KSTR-CO
790	KGHL-MT	1270	KIML-WY		KODI-WY	96.5	KDZN-MT
850	KOA -CO *	1290	KOWB-WY	1410	KOOQ-NE	96.9	KDAG-NM
930	KRKY-CO	1300	KVOR-CO		KWYO-WY	99.1	KMTS-CO
950	KDCE-NM	1310	KFKA-CO	1450	KMMS-MT	100.1	KMMR-MT
	KMER-WY	1340	KVRH-CO		KBFS-SD	102.3	KSPK-CO
960	KNEB-NE		KPOK-ND		KBBS-WY	103.1	KYDT-WY
990	KSVP-NM		KWOR-WY		KVOW-WY	104.7	KSKE-CO
1010	KSIR-CO		KYCN-WY	1470	KKTY-WY	106.1	KNFO-CO
1030	KTWO-WY	1350	KGHF-CO	1490	KPKE-CO		KOAL-MT
1180	KOFI-MT						

**Detroit Lions 2008** Dan Miller, Jim Brandstatter

[http://www.detroitlions.com/section\\_display.cfm?section\\_id=25](http://www.detroitlions.com/section_display.cfm?section_id=25) (as of June 15, 2008) (09/13/2008)

DO NOT REPRODUCE

**Green Bay Packers 2008** Wayne Larrivee, Larry McCarren

[http://www.packers.com/multimedia/radio\\_shows/packers\\_radio\\_network/station\\_listing/](http://www.packers.com/multimedia/radio_shows/packers_radio_network/station_listing/) (08/31/2008)

550	KFYR-ND s		WOBT-WI	93.3	WBSZ-WI	100.7	WBIZ-WI
	WSAU-WI		WOMT-WI	94.3	WQPC-WI	100.9	WRCO-WI
570	WMAM-WI	1310	WIBA-WI	95.1	WLST-WI	101.1	WIXX-WI
580	WKTY-WI	1330	WHBL-WI	95.9	WMQA-WI	101.5	WJNR-MI
620	WTMJ-WI *	1360	WTAQ-WI	96.1	WJMC-WI		WIBA-WI
710	WDSM-WI	1400	WATW-WI	97.1	WGLQ-MI	102.3	WHKB-MI
940	KPSZ-IA t		WBIZ-WI		WCOW-WI		WAUH-WI
	WFAW-WI	1430	WBEV-WI	97.7	WGLR-WI		WHTL-WI
960	WTCH-WI	1450	KFIZ-WI	98.3	WCQM-WI	102.9	WBDL-WI
1140	KSOO-SD	1550	WEVR-WI	99.1	WIKB-MI	104.1	WRLU-WI
1150	WHBY-WI	92.1	WMEQ-WI	99.3	WKEB-WI	105.3	WRLO-WI
1220	KLBB-MN	92.3	WJMQ-WI	99.7	WIMI-MI	105.7	WXCX-WI
1230	WCLO-WI		WRLS-WI	99.9	WIZD-WI	106.3	WEVR-WI
1240	WJMC-WI	92.7	WDUX-WI		WJVL-WI	107.1	WFON-WI



**Houston Texans 2008** Marc Vandermeer, Andre Ware[http://www.houstontexans.com/gameday/radio\\_network.asp](http://www.houstontexans.com/gameday/radio_network.asp) (08/31/2008)

DO NOT REPRODUCE

**Indianapolis Colts Vectren Radio Network 2008** Bob Lamey, Will Wolford[http://www.colts.com/sub.cfm?page=broadcast\\_dynamic&id=92](http://www.colts.com/sub.cfm?page=broadcast_dynamic&id=92) (08/31/2008)

860	WMRI-IN	1460	WJCP-IN	94.9	WYNG-IL	102.3	WOZW-IN
1070	WIBC-IN *	1490	WDAN-IL	95.3	WNDI-IN	103.1	WGBF-IN
1090	WIBN-IL		WKBV-IN	95.9	WEFM-IN	103.3	WAXL-IN
1190	WOWO-IN	1510	WJOT-IN	96.7	WORX-IN	103.9	WIMC-IN
1230	WSAL-IN	1570	WNDA-IN	96.9	WKLO-IN	104.7	WIBN-IL
	WTCJ-IN	1600	WTSZ-KY	97.1	WLHK-IN	105.5	WWVR-IN
1340	WBIW-IN			97.7	WZOW-IN	105.9	WJOT-IN
	WTRC-IN	92.1	WROI-IN	98.1	WCRA-IL	106.5	WWBL-IN
	WXFN-IN		WZDM-IN	98.7	WASK-IN u	106.7	WYFX-IN
1370	WGCL-IN	94.3	WIFE-IN	100.9	WPGW-IN	107.3	WRZQ-IN
1420	WVJS-KY		WREB-IN	101.7	WURK-IN	107.7	WMRS-IN
1440	WPGW-IN	94.5	WRZR-IN				

**Jacksonville Jaguars 2008** Jeff Lageman, Brian Sexton[http://www.jaguars.com/News/pdf/2008/Records\\_and\\_miscellaneous.pdf](http://www.jaguars.com/News/pdf/2008/Records_and_miscellaneous.pdf) (09/11/2008) [page 19 of the Media Guide section] DO NOT REPRODUCE**Kansas City Chiefs 2008** Mitch Holthus, Len Dawson<http://www.kcchiefs.com/radionetwork/> (as of April 15, 2008) (09/13/2008)

590	KXSP-NE	1350	KRNT-IA	1550	KKLE-KS	97.3	KRGY-NE
680	KFEQ-MO		KMAN-KS	1600	KMDO-KS	99.3	KMA -IA
690	KGGF-KS	1370	KALN-KS			99.9	KSKG-KS
790	KXXX-KS	1400	KGMV-MO	92.3	KSDL-MO	100.3	KDVV-KS
860	KKOW-KS		KRFU-MO	92.7	KSJQ-MO		KQLS-KS
870	KAAN-MO		KREF-OK	93.5	KLKC-KS	100.9	KCLY-KS
940	KPSZ-IA t		KWON-OK	94.5	KRXL-MO	101.1	KCFX-MO *
990	KRMO-MO	1420	KJCK-KS	95.1	KAMS-AR	101.7	KVOE-KS
1130	KLEY-KS		KBTN-MO	95.3	KDKD-MO	102.9	KMMO-MO
1150	KRMS-MO		KRLL-MO	95.5	KAAN-MO	103.1	KDAA-MO
1220	KJAN-IA	1450	KWBW-KS	96.7	KBBE-KS	103.9	KOMB-KS
1230	KTNC-NE		WYNT-SD	96.9	KFIX-KS	104.3	KVGB-KS
1240	KLIK-MO	1540	KLKC-KS	97.1	KYAL-IA	105.5	KKOY-KS
	KFOR-NE		KNGL-KS	97.3	KKJQ-KS	105.9	KULH-MO
1300	KMMO-MO	1550	KYAL-IA		KXUS-MO	107.3	KTHR-KS

**Miami Dolphins 2008** Jimmy Cefalo, Jim Mandich, Joe Rose<http://www.miamidolphins.com/newsite/dolfanzone/radionetwork.asp> (08/31/2008)

560	WQAM-FL *	1410	WHBT-FL	93.5	WBGF-FL	103.7	WQOL-FL
760	WEFL-FL	1590	WPSL-FL r	95.7	WGXC-FL	105.9	WOCL-FL
1240	WMMB-FL	1600	WKWF-FL	96.1	WRXX-FL	106.1	WLVO-FL
1300	WFFG-FL			99.5	WBXY-FL		

**New England Patriots Rock Radio Network 2008** Gil Santos, Gino Cappelletti<http://wbcn.com/pages/58654.php> (08/31/2008)

790	WSKO-RI	1420	WBEC-MA	95.3	WPVQ-MA	102.1	WAQY-MA
860	WSBS-MA		WBSM-MA	95.7	WWMJ-ME		WSAK-NH
900	WGAM-NH	1450	WSNO-VT	96.7	WXZO-VT	102.3	WXLM-CT
960	WEAV-NY	1480	WSAR-MA	98.5	WEBB-ME	102.9	WBLM-ME
1230	WNAW-MA	1490	WIKE-VT	99.7	WSKO-RI	103.7	WPKQ-NH
1250	WKBR-NH	92.7	WKVT-VT	100.1	WWFX-MA	104.1	WBCN-MA *
1340	WGAW-MA			101.5	WWHQ-NH	105.3	WSHK-NH
	WSTJ-VT	93.9	WMXR-VT		WEXP-VT	106.9	WCCC-CT
1350	WINY-CT	95.1	WXTK-MA	101.7	WVRR-NH	107.7	WTPL-NH
1370	WBTN-VT						

**New York Giants 2008** Bob Papa, Dick Lynch, Carl Banks<http://www.giants.com/multimedia/broadcastinfo.asp> (08/31/2008) DO NOT REPRODUCE

**Minnesota Vikings 2008** Pete Berich, Paul Allen

<http://www.vikings.com/Resources/images/139801.pdf> (09/07/2008)

560	WEBC-MN		KDLR-ND	1570	KAKK-MN	100.7	KMLO-SD
620	KMNS-IA	1250	KBRF-MN	1600	KDAK-ND	100.9	WCMP-MN
650	WMNT-MN	1260	KROX-MN			101.1	KBHP-MN
660	KEYZ-ND	1270	KWEB-MN	93.1	KXLP-MN		WHSM-WI
710	KXMR-ND		KYSM-MN	93.3	KBLB-MN	101.7	KRCH-MN
790	KFGO-ND	1300	KGLO-IA	93.5	KSCR-MN	101.9	KQKK-MN
870	KPRM-MN	1340	KDLM-MN	94.3	KKIN-MN	102.1	KCAJ-MN
880	WMEQ-WI		KWLM-MN	94.5	WELY-MN	102.9	KBWS-SD
930	KSDN-SD	1380	KWNO-MN		KPLO-SD	104.1	KBOT-MN
950	KWAT-SD	1390	KRRZ-ND	94.7	KSKK-MN		KSDM-MN
1070	KVKK-MN	1400	KQDJ-ND	95.7	KKOK-MN	104.9	WLMX-WI
1130	WFAN-MN *	1430	KASI-IA	96.9	KMFY-MN	105.1	KARL-MN
1170	KOWZ-MN	1440	KKXL-ND	97.5	KDKK-MN		KKCB-MN
1220	KDDR-ND	1450	KBUN-MN	98.1	KBEW-MN	105.7	KRAQ-MN
1230	KTRF-MN		WELY-MN	98.3	KQYB-MN	105.9	KHRS-MN
	KWSN-SD	1460	KLTC-ND	99.1	WKFX-WI	106.9	KARP-MN
1240	KICD-IA	1490	KOVC-ND	100.3	KTLK-MN *	107.3	KNUJ-MN
	WJON-MN	1510	KMSD-SD	100.7	KIKV-MN		

**New Orleans Saints (EE) 2008** Jim Henderson, Hokie Gajan

**New Orleans Saints (FF) 2008** Marco Garcia, Hector Pineda (The site now lists only EE and SS stations, though -pls.)

<http://www.neworleanssaints.com/News/Saints%20Radio.aspx> (09/15/2008)

540	KNOE-LA	1260	WGVM-MS	93.1	WYAB-MS	101.3	KKGB-LA
640	KTIB-LA	1290	KJEF-LA	93.4	KJAE-LA	103.3	WZKR-MS
680	WJDX-MS	1370	WCOA-FL	94.3	KRLQ-LA	104.3	KEZP-LA
830	WFNO-LA *S	1420	WQBC-MS	95.3	KQKI-LA	104.6	WCJU-MS
870	WWL -LA *	1450	WJIX-MS		WRKG-MS	105.1	KTYK-LA
920	WBOX-LA	1520	KVPI-LA	96.5	WXHB-MS	105.3	WWL -LA *
1130	KWKH-LA			97.3	KMDL-LA	105.5	WNSP-AL
1150	WJBO-LA	92.1	KLIL-LA		WNJJ-MS	107.1	WKNZ-MS
1240	KANE-LA	92.2	WBOX-LA	98.3	WJDR-MS	107.5	KCIL-LA
1250	WHNY-MS	92.5	KVPI-LA				

**New York Jets 2008** Bob Wischusen, Marty Lyons

There is no network.

**Oakland Raiders 2008** Greg Papa, Tom Flores

<http://www.raiders.com/Multimedia/Default.aspx?id=180> (09/16/2008) DO NOT REPRODUCE

**Philadelphia Eagles 2008** Merrill Reese, Mike Quick

<http://www.philadelphiaeagles.com/gameday/RadioInformation.html> (09/07/2008)

830	WEEU-PA	1490	WBCB-PA	94.1	WYSP-PA *	103.7	WMGM-NJ
1150	WDEL-DE			96.1	WCTO-PA	105.7	WQXA-PA
1360	WPPA-PA	93.3	WBZD-PA	97.9	WBSX-PA	107.3	WEGH-PA

**Pittsburgh Steelers 2008** Bill Hillgrove, Tunch Ilkin

The 2007 list is still online.

**Saint Louis Rams 2008** Stan Savran, Jim Hanifan

There is no network.

**San Diego Chargers 2008** Josh Lewin, Hank Bauer

<http://www.chargers.com/broadcasting/radio-network.htm> (08/31/2008) DO NOT REPRODUCE

**San Francisco 49ers Samsung Radio Network 2008 (EE)** Joe Starkey, Gary Plummer, Rod Brooks

[http://49ers.com/team/on\\_radio.php?section=TE%20On%20Radio](http://49ers.com/team/on_radio.php?section=TE%20On%20Radio) DO NOT REPRODUCE

**San Francisco 49ers 2008 (SS)** Fernando Arias, Ambrosio Rico

[http://49ers.com/team/on\\_radio.php?section=TE%20On%20Radio](http://49ers.com/team/on_radio.php?section=TE%20On%20Radio) DO NOT REPRODUCE

**Seattle Seahawks 2008** Steve Raible, Warren Moon

<http://www.seahawks.com/News/Broadcasting.aspx> (09/07/2008)

560	KPQ -WA	1120	KPNW-OR	1400	KEDO-WA	1580	KGAL-OR
580	KRSA-AK	1170	KPUG-WA	1420	KUJ -WA		
610	KONA-WA	1230	KRXK-ID	1430	KCLK-ID	92.7	KNCW-WA
710	KIRO-WA *		KCUP-OR		KBRC-WA	94.9	KRSA-AK
750	KXL -OR	1240	KSAM-MT k	1440	KODL-OR	95.5	KXTG-OR
800	KINY-AK		KTIX-OR	1450	KLAM-AK	96.5	KWLZ-OR
840	KMAX-WA		KCVL-WA		KGRZ-MT	97.3	KSHR-OR
920	KXLY-WA		KGY -WA		KONP-WA	98.5	KEYG-WA
930	KSEI-ID		KXLE-WA	1470	KBSN-WA	100.5	KBFX-AK
1030	KMAS-WA	1280	KIT -WA	1490	KBIS-WA	102.3	KCRX-OR
1040	CKST-BC h	1310	KZXR-WA		KWOK-WA	104.3	KMNT-WA
1080	KVNI-ID						

**Tampa Bay Buccaneers 2008** Dave Moore, Gary Deckerhoff The 2007 list is still online.

**Tennessee Titans 2008** Mike Keith, Frank Wycheck, Larry Stone <http://www.titansradio.com/stationsky.html> (08/31/2008); <http://www.titansradio.com/stationsal.html> (08/31/2008); <http://www.titansradio.com/stationstarns.html> (08/31/2008); <http://www.titansradio.com/stationstn.html> (08/31/2008)

570	WKYX-KY	1240	WPBQ-MS	1560	WPAD-KY	101.5	WFVB-TN
640	WXSM-TN	1260	WDKN-TN	1570	WNKX-TN	102.3	WGOW-TN
790	WQSV-TN	1270	WQKR-TN				WZDQ-TN
860	WSON-KY	1280	WMCP-TN	92.7	WAFN-AL	103.3	WKDF-TN *
870	WMTL-KY	1320	WNGO-KY	93.7	WBXE-TN	103.7	WPTQ-KY
930	WWON-TN		WMSR-TN	95.1	WRIT-AL	104.1	WUCZ-TN
950	WAKM-TN	1340	WFEB-AL	95.7	WCCK-KY	104.7	WMUF-TN
1000	WMUF-TN		WNBS-KY	96.7	WNKX-TN	104.9	WAVJ-KY
1050	WWIC-AL		WBAC-TN	97.3	WKJQ-TN		WKHG-KY
1060	WQMV-TN		WCDT-TN	97.7	WWKY-KY		WTNQ-TN
1070	WEKT-KY	1370	WDXE-TN	98.1	WXMN-TN	105.3	WOWC-TN
1090	WTNK-TN	1400	WIEL-KY	98.3	WKSJ-TN	105.5	KWAK-AR
1130	WOFC-KY		WJZM-TN	98.9	WANT-TN		WYTM-TN
1150	WCRK-TN		WZNG-TN	99.3	WPBX-TN	105.7	WQAK-TN
	WGOW-TN	1410	WCMT-TN	100.1	WASL-TN	106.5	WKDZ-KY
1220	WAXO-TN	1440	WHDM-TN	100.3	WNOX-TN	106.7	WDXE-TN
	WFWL-TN	1450	WTCO-KY	100.5	WJOX-AL	107.3	WQLT-AL
1240	KWAK-AR	1490	WCOR-TN	101.3	WCMT-TN		WTRZ-TN

**Washington Redskins 2008** Sam Huff, Larry Michael, Sonny Jurgensen

[http://www.redskins.com/gen/articles/Redskins\\_Radio\\_Broadcast\\_Network\\_1139.jsp](http://www.redskins.com/gen/articles/Redskins_Radio_Broadcast_Network_1139.jsp) (09/07/2008)

570	WTNT-MD	1200	WAGE-VA	92.7	WWXT-MD	99.1	WXGM-VA
610	WTFX-VA	1260	WWRC-DC	93.1	WSVO-VA	99.3	WFQX-VA
730	WXTR-VA	1430	WNAV-MD	94.3	WWXX-VA	102.1	WXTG-VA
740	WRNR-WV		WKEX-VA n	95.9	WOSC-MD	105.5	WRAR-VA
900	WCBX-VA	1490	WSTP-NC		WGRQ-VA	106.9	WWEQ-MD
950	WXGI-VA		WLRT-VA	98.3	WSMD-MD	107.1	WTDK-MD
980	WTEM-DC *						

a = The Panthers list has "NC Cable Channel 8" without a call nor frequency.

b = At the end of the baseball season, 700 WLW-OH will carry the Cincinnati Bengals.

c = The Cowboys' list has "105.3 Fayetteville, AR" without a call.

d = reserved (currently unused)

e = The Cowboys' list has "KRIG Bartlesville, OK" without a frequency.

f = American Forces Radio Network (177 countries)

g = The Bears' list did not contain frequencies; I assume both AM and FM.

h = Oakland Raiders & Seattle Seahawks

i = Atlanta Falcons & Carolina Panthers

j = Oakland Raiders & San Francisco 49ers

k = Dallas Cowboys & Seattle Seahawks

l = Dallas Cowboys & Houston Texans

m = Buffalo Bills & New York Giants

n = Carolina Panthers & Washington Redskins

o = Dallas Cowboys (EE) & Dallas Cowboys (SS) !!!

p = partial schedule

q = Cleveland Browns & Cincinnati Bengals

r = Jacksonville Jaguars & Miami Dolphins

s = Denver Broncos & Green Bay Packers

t = Kansas City Chiefs & Green Bay Packers

u = Chicago Bears & Indianapolis Colts

# College Sports Networks

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## Network listings for college sports stations

Hi, DXers! I'm your new editor of the College Sports List. I'm not going to waste a lot of space in giving all the gory details of an introduction here. The curious can go to the e-DXN board or my web-site of for all the boring details.

As with the Pro Sports Column, we will concentrate on radio (both AM and FM) network lists for the over 300 NCAA colleges with sports programs. There is much more information and materials than pro sports networks since there are so many more teams. To keep the info manageable, I am going to arrange the lists according to conferences. Also, I want to give a broad scope of info, so I am going to try to focus on a conference from each of the various "levels", (IA, IAA, II, III and NAIA) in each column. We will include lists from football, hockey and basketball, plus any other sports that are broadcast (such as lacrosse here on the East Coast). Also check the "College Sports" forum on the e-DXN board for updates and additional info.

The majority of this info was taken from the internet but also from personal monitoring and other sources. If you have station lists or missing info (such as broadcast announcers), please send the info to me at [mwdx@pilgrimway.org](mailto:mwdx@pilgrimway.org). If you don't see the info below, it means that I don't have it/can't find it, so please help me fill in the gaps!

Flagship stations are in bold

### ATLANTIC COAST CONFERENCE football networks

#### BOSTON COLLEGE EAGLES

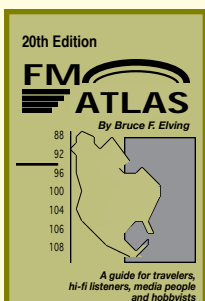
610	WGIR-NH						
620	WVMT-VT	850	WEEI-MA	1440	WJAE-ME	95.5	WJJB-ME
680	WRKO-MA	900	WGHM-NH	1440	WVEI-MA	103.7	WEEI-RI
(Airs Games that con-	910	WABI-ME	1450	WTSA-VT	105.5	WVEI-MA	
flict with WEEI pro-	1250	WGAM-NH	1490	WMRC-MA	106.5	WMEX-NH	
gramming)	1410	WPOP-CT	1540	WGIP-NH	107.7	WTPL-NH	
830	WCRN-MA						

#### CLEMSON TIGERS \* partial schedule

1050	WIQB-SC	*1410	WPCC-SC	92.1	WBHC-SC	94.7	WICI-SC
1130	WFXH-SC	1450	WCRS-SC	93.1	WZMJ-SC	94.9	WVCO-SC
*1230	WOIC-SC	1460	WBCU-SC	93.3	WTPT-SC	95.7	WWBD-SC
1240	WKDK-SC	1460	WDOG-SC	93.7	WXJY-SC	102.7	WGUS-GA
1270	WHGS-SC	1470	WLMC-SC	93.9	WJXY-SC	*102.7	WPUB-SC
1340	WQSC-SC	1480	WGUS-GA	94.1	WYOR-SC	102.9	WQKI-SC
1340	WRHI-SC	1590	WCAM-SC	94.3	WRHI-SC	<b>104.9</b>	<b>WCCP-SC</b>
1390	WLUA-SC						

#### DUKE BLUE DEVILS Bob Harris, Wes Chessen, Anthony Dilweg

590	WCAB-NC	1150	WBAG-NC	1490	WSVM-NC	98.3	WDLZ-NC
620	WDNC-NC	1230	WCBT-NC	1580	WZKY-NC	98.3	WIST-NC
730	WOHS-NC	1240	WCNC-NC	1590	WCSL-NC	104.5	WCCG-NC
850	WRBZ-NC	1260	WZBO-NC			106.1	WNMX-NC
990	WEEB-NC	1280	WSAT-NC	96.7	WKRZ-NC	107.9	WDSJ-NC
1050	WBRG-VA	1440	WLXN-NC	97.9	WYPT-NC	107.9	WNCT-NC
1050	WLON-NC	1450	WGNC-NC				



### Bruce Elving's FM Atlas ... 20th Edition

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**FLORIDA STATE SEMINOLES** Gene Deckerhoff, William Floyd, Keith Jones, Ryan Pensy

640	WJNA-FL	1250	WQHL-FL	1400	WZHR-FL	96.3	WXOF-FL
790	WAXY-FL	1260	WIYD-FL	1430	WLKF-FL	98.1	WQHL-FL
790	WSFN-FL	1270	WNLS-FL	1450	WSTU-FL	98.1	WTKE-FL
850	WFTL-FL	1320	WBOB-FL	1460	WNPL-FL	100.3	WNCV-FL
1040	WWBA-FL	1340	WTAN-FL	1460	WZEP-FL	100.3	WRKN-FL
1060	WIXC-FL	1350	WDCF-FL	1470	WHBO-FL	100.5	WOYS-FL
1080	WHOO-FL	1350	WFNS-GA	1590	WPUL-FL	100.7	WFLA-FL
1080	WTPS-FL	1360	WKAT-FL	1620	WNRP-FL	100.9	WJAQ-FL
1200	WPTK-FL	1370	WOCA-FL			101.1	WYOO-FL
1240	WFOY-FL	1400	WTKE-FL	94.9	WTNT-FL		

**GEORGIA TECH YELLOW JACKETS** Wes Durham, Rick Strom, Jeff Woolverton

* Selected Games	1240	WGGA-GA	*1450	WGNC-NC	(night games)		
630	WNEG-GA	1270	WJJC-GA	1450	WKEU-GA	100.1	WQMJ-GA
*730	WOHS-NC	1300	WIMO-GA	*1450	WMVG-GA	100.1	WSSJ-GA
790	WQXI-GA	*1350	WFNS-GA	1490	WCHM-GA	101.7	WYUM-GA
790	WSFN-GA	*1370	WLOP-GA	1590	WALG-GA	101.9	WJFL-GA
970	WVOP-GA	1370	WFDR-GA	1590	WTGA-GA	*103.9	WDDK-GA
1030	WEBS-GA	*1420	WPEH-GA			107.1	WTSH-GA
*1050	WLON-NC	*1440	WLXN-NC	91.1	WREK-GA	*107.3	WMCD-GA
1230	WNRR-GA						

**MARYLAND TERRAPINS** Johnny Holliday

930	WFMD-MD	1450	WTBO-MD	1690	WPTX-MD ~	105.7	WHFS-MD
1050	WMSG-MD	1460	WEMD-MD			106.7	WJFK-VA
1330	WJFK-MD	1490	WARK-MD	101.1	WQMR-MD		

**MIAMI HURRICANES** (Spanish Network announcers- Roly Martin, Joe Martinez)

550	WASG-FL	1040	WWBA-FL	1330	WWAB-FL	102.5	W P I K - F L
560	WQAM-FL	1060	WIXC-FL	1410	WHBT-FL	(Spanish)	
610	WVTJ-FL	1190	WAMT-FL	1450	WSTU-FL	105.5	W W W K - F L
760	WEFL-FL	1300	WFFG-FL	1590	WPUL-FL	(Spanish)	
770	WWCN-FL	1320	WDDV-FL	1600	WKWF-FL	106.1	WLVO-FL
900	WSWN-FL						

**NORTH CAROLINA TARHEELS**

580	WKSK-NC	1150	WBAG-NC	1430	WRXO-NC	92.1	WMNC-NC
590	WCAB-NC	1150	WGBR-NC	1440	WLXN-NC	94.1	WTHZ-NC
610	WFNZ-NC	1160	WODY-VA	1450	WGNC-NC	96.5	WFLB-NC
630	WMFD-NC	1240	WJNC-NC	1450	WHKP-NC	96.7	WKJX-NC
730	WOHS-NC	1240	WSQL-NC	1450	WIZS-NC	97.1	WYND-NC
900	WAYN-NC	1310	WISE-NC	1450	WQNT-SC	102.3	WECR-NC
920	WPTL-NC	1340	WJRI-NC	1490	WSTP-NC	105.1	WSSM-NC
960	WRNS-NC	1360	WCHL-NC	1520	WDSL-NC	105.5	WFJA-NC
1010	WSPC-NC	1370	WTAB-NC	1540	WTXY-NC	106.1	WRDU-NC
1050	WLON-NC	1400	WSIC-NC			107.3	W T K F - N C

**NORTH CAROLINA STATE WOLFPACK**

570	WWNC-NC	1300	WLNC-NC	95.7	WXRC-NC	100.9	WIFM-NC
600	WSJS-NC	1300	WSYD-NC	97.9	WNBB-NC	101.5	WRAL-NC
640	WFNC-NC	1370	WTAB-NC	98.3	WDLZ-NC	102.3	WFNC-NC
1050	WLON-NC	1390	WADA-NC	98.7	WILT-NC	102.3	WPTM-NC
1050	WWGP-NC	1580	WZKY-NC	98.9	WNBR-NC	104.9	WFMZ-NC
1260	WKXR-NC	1590	WCSL-NC	99.3	WQDK-NC	105.5	WFJA-NC
1290	WJCV-NC						

**VIRGINIA CAVALIERS**

570	WTNT-MD	1140	WRVA-VA	97.5	WWWV-VA	101.3	WZFM-VA
610	WTFX-VA	1370	WHEE-VA	97.7	WRIC-VA	101.5	WZZI-VA
850	WTAR-VA	1440	WKLV-VA	97.9	WZZU-VA	105.5	WRAR-VA
860	WEVA-VA			100.9	WIQO-VA	106.3	WMNA-VA
1070	WINA-VA	94.3	WTON-VA				

**VIRGINIA TECH HOKIES** Bill Roth, Mike Burnop

690	WNNT-VA	1230	WXCF-VA			100.9	WNNT-VA
790	WNIS-VA	1240	WTON-VA	92.1	WDIC-VA	102.5	WOLD-VA
910	WRNL-VA	1330	WESR-VA	92.7	WWXT-MD	103.3	WESR-VA
980	WFHG-VA	1360	WWWJ-VA	94.3	WWXX-VA	103.9	WXCF-VA
980	WTEM-DC	1380	WLRV-VA	95.3	WXBX-VA	105.3	WBRW-VA
1050	WGAT-VA	1400	WKAV-VA	95.9	WGRQ-VA	105.7	WMXH-VA
1140	WRVA-VA	1400	WINC-VA	100.1	WKQY-VA	105.9	WLNI-VA
(night games only)		1450	WMVA-VA	100.9	WKOY-VA	106.1	WJJS-VA
1200	WAGE-VA						

**WAKE FOREST DEMON DEACONS** Stan Cotton, Ed Bradley

730	WOHS-NC	1440	WLXN-NC			98.1	WBRF-VA
1280	WSTP-NC	1450	WGNC-NC	96.7	WKRX-NC	101.1	WZTK-NC
1350	WZGM-NC	1490	WRMT-NC				

*BIG EAST CONFERENCE football networks***CINNCINNATI BEARCATS** Dan Hoard, Jim Kelly Jr., Tom Gelehrter, Mo Egger

700	WLW-OH	1530	WCKY-OH				
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**CONNECTICUT HUSKIES**

1080	WTIC-CT	1150	WMRD-CT	1400	WILI-CT	1420	WLIS-CT
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**LOUISVILLE CARDINALS** Paul Rogers, Craig Swaback, Doug Ormay

790	WKRK-KY	1490	WFKY-KY	94.1	WLYE-KY	105.5	WLVK-KY
910	WKEQ-KY	1530	WCKY-OH	101.9	WQXQ-KY	105.5	WMKJ-KY
1260	WNDE-IN	1560	WPAD-KY	105.3	WXKZ-KY		
1430	WYMC-KY						

**PITTSBURGH PANTHERS** Joe Bendel, Bill Fralic, Bill Hillgrove

970	WBGG-PA			94.5	WWSW-PA	104.7	WPGB-PA
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**RUTGERS SCARLET KNIGHTS** Chris Carlin, Tim Perneti, Anthony Fucilli

710	WOR-NY	1450	WCTC-NJ	1450	WENJ-NJ		
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**SOUTH FLORIDA BULLS** Jim Louk, Mark Robinson

660	WORL-FL	1250	WHNZ-FL	1400	WFL-FL	1460	WNPL-FL
970	WFLA-FL	1300	WBNQ-FL	1430	WLKF-FL	1460	WZEP-FL
1200	WPTK-FL	(Spanish)		1450	WSTU-FL	1590	WPSL-FL
1220	WSRQ-FL						

**SYRACUSE ORANGEMEN** Matt Park, Chris Gedney, Dick MacPherson

620	WVMT-VT	1180	WHAM-NY	1420	WACK-NY		
790	WTNY-NY	1230	WENY-NY	1450	WENI-NY	96.9	WOUR-NY
810	WGY-NY	1240	WGVA-NY	1520	WWKB-NY	99.5	WTKW-NY
1050	WEPN-NY	1290	WNBF-NY	1550	WCGR-NY	101.5	WXHC-NY
1050	WYBG-NY	1410	WNER-NY	1570	WFLR-NY	105.5	WTKV-NY
1160	WPIE-NY			1590	WAUB-NY		

**WEST VIRGINIA MOUNTAINEERS** Tony Caridi Dwight Wallace Hoppy Kercheval

580	WCHS-WV	1370	WVMR-WV	92.5	WZAC-WV	101.7	WELD-WV
600	WVAR-WV	1390	WKLP-WV	92.7	WPMW-WV	101.9	WVAQ-WV
630	WJAW-WV	1400	WRON-WV	93.5	WDHC-WV	101.9	WVOW-WV
690	WELD-WV	1400	WSGB-WV	94.1	WQZK-WV	102.9	WELC-WV
800	WVHU-WV	1400	WVRC-WV	94.3	WRLF-WV	103.1	WHBR-WV
1050	WADC-WV	1430	WEIR-WV	95.9	WICL-MD	103.3	WAJR-WV
1150	WELC-WV	1440	WAJR-WV	97.1	WDBS-WV	103.7	WQWV-WV
1170	WWVA-WV	1490	WAEY-WV	97.7	WRON-WV	103.9	WETZ-WV
1240	WDNE-WV	1490	WTCS-WV	98.3	WCEF-WV	104.5	WHAJ-WV
1290	WVOW-WV	1560	WFSP-WV	99.9	WVAF-WV	104.7	WVRC-WV
1330	WETZ-WV			100.5	WDYK-MD	107.1	WCHG-VA
1340	WEPM-WV	89.7	WVLS-VA	101.3	WBRB-WV	107.7	WFSP-WV

*AMERICA EAST CONFERENCE football networks*

**ALBANY GREAT DANES** Rodger Wyland  
980 WOFX-NY 90.9 WCDB-NY

**MAINE BLACK BEARS** Bob Lucy, Rich Kimball \* partial schedule  
1240 WSYY-ME 1450 WRKD-ME \*97.5 WIGY-ME 103.9 WVOM-ME  
1280 WFAU-ME  
1310 WLOB-ME 96.7 WCME-ME

**NEW HAMPSHIRE WILDCATS**

1270 WTSN-NH 1490 WUVR-NH 99.7 WNTK-NH 107.7 WTPL-NH

*AMERICAN SOUTHWEST CONFERENCE football networks***HARDIN-SIMMONS COWBOYS**

1280 KSLI-TX

*CENTRAL STATES FOOTBALL LEAGUE football networks***NORTHWEST OKLAHOMA STATE UNIVERSITY RANGERS**

1430 KALV-OK

**TEXAS COLLEGE STEERS**

600 KTBB-TX

Next month- radio networks for the Big Ten, Independents, Big Sky Conference, Great Lakes Football Conference, Atlantic Central Football Conference and the Dakota Athletic Football Conference

## *The 2008 "Fall Follies" Ultralight MW DX Contest*

### *October 24 to November 3, 2008*

Back by popular demand! With a new contest added to the mix and the rules refined from suggestions of the pioneer participants in the Spring Sprint, the 2008 Fall Follies Ultralight MW DX will take place between 30 minutes before local sunset on Friday, October 24 through 30 minutes after local sunrise on Monday, November 3, 2008.

Participants may choose to enter using one of two 2 classes of recognized Ultralight radios in any or all of three contests: total number of stations heard in a aggregate four hours of total listening, the top 5 DX stations (aggregate distance) heard the United States and Canada (or United States and Mexico), and the top 5 DX stations heard worldwide. Participants in the Total Stations Heard contest choose a total of four hours listening time between the above dates, while participants entering either of the top 5 DX stations aggregate distance contests are free to DX as little or as much as they wish within the overall time constraints of the contest.

The primary purpose of this event is not to establish winning scores, but to foster camaraderie among participants and to demonstrate that enjoyment can be had in our chosen hobby with minimalist equipment, at very low cost, requiring only a willingness to sit at the dials. Each participant will receive a certificate and high scores will be recognized.

Mark your calendars now! Rules, entry requirements, FAQs, and contact information will be announced on **October 1<sup>st</sup>** on the club chat groups, dxer.ca and the ultralightdx yahoo group. (Note: I'll post the info in the next available DXN, #3/October 13 -pls.)

The definitions of the two classes of radios, Barefoot and Unlimited, will remain the same. However, several new radios have been recognized by the Ultralight Definitions Committee and have been evaluated in the Summer 2008 Shootout and updated Ultralight Gallery, both of which are currently available in the Ultralight Files section of dxer.ca

School has started, frost is already on the punkin' in northerly climes and the Fall DX Season is well underway. If you are interested in entering the contest with an Unlimited Class radio, its time to heat up the soldering iron. If Barefoot is your thing, its darn sure time to polish up your memory of the band and your "safe-crackers' hands" for tuning.

LATE OCTOBER WILL BE HERE BEFORE YOU KNOW IT!

John Bryant - For the Ultralight Contest Committee

### **Promote the NRC and DX News and help us grow!**

Planning to attend a DX or hobby gathering? Why not include *DX News* in your plans? Upon request, we'll send you a packet of up to 50 recent DXN's to be given free to attendees. Just send a postcard to NRC - P. O. Box 473251 - Aurora, CO - 80047-3251, or e-mail <sales@nrndxas.org>. Packets are sent by Media Mail rate, so please allow 10-15 days for delivery. Help keep the NRC on the grow!

# Transforming the E100

## Three Easy Steps to Hitting Ultralight Home Runs

By Gary DeBock, Guy Atkins, and John Bryant

September 2008

*The following is the first in a four-part series detailing easy steps to “hotrod” the radio that is rapidly becoming a favorite among Ultralight MW DXers*

### INTRODUCTION

Since the beginning of the Ultralight radio boom among AM DX enthusiasts late last year, the relatively low cost and simplicity of pocket radios have spurred a related experimental boom in modifications. Hobbyists that were reluctant to tinker with their expensive communications receivers have had no hesitation with their \$20-\$50 Ultralights.

Although trans-oceanic MW DXers developed the modifications outlined here, these modifications apply equally to domestic Ultralight DXers seeking ever more elusive DX catches as well. From the beginning of the Ultralight movement, many DXers have longed for a modified Ultralight that would give them an “extra edge” against capricious propagation and QRM. Early efforts were made to modify the Sony SRF-M37V and Sangean DT-200VX units with narrow IF filters, but in the absence of sensitivity improvements, serious DX progress was elusive. Gary DeBock, Gil Stacy and several others attempted--somewhat successfully--to address the sensitivity challenge with monster loopsticks being transplanted or coupled inductively into the SRF-39FP and DT-200VX units. In the absence of *selectivity* improvements (extremely difficult in the case of the SRF-39FP), again the overall improvement in “DXability” was quite limited. Finally in the early spring, serious tinkering began on an Ultralight radio that was destined to provide the breakthrough that DXers had been waiting for.

The stock E100 is undoubtedly the most DX-capable Ultralight pocket radio and was one of the top two performers in the recent Ultralight Radio Summertime Shootout (posted in the Ultralight Files area at <http://www.dxr.ca>). The modest low-band sensitivity of the E100 allowed the new DT-400W to edge it out for top overall honors, although in stock form the E100 would still be the preferred choice for 9 kHz split DXers and domestic IBOC dodgers. Urban DXers with many locals would also find the superior selectivity and crunch-resistant front end essential for productive DXing sessions. As one of the two top performers in the Shootout, the E100’s desirability is unsurpassed for these groups, and it was very competitive even for the general Ultralight domestic DXing group. The stock loopstick’s low-band sensitivity limitation is an unfortunate aberration in an otherwise superbly capable stock E100 design, and was one of the top priorities for immediate replacement by our modification group.

The E100’s 1 kHz tuning steps, 200 memories, and fairly decent stock selectivity provided an immediate advantage over all other Ultralights in split frequency DXing on the coasts. Its general DXing attributes also made it very attractive for domestic DXers throughout North America. The three of us, Gary DeBock, John Bryant, and Guy Atkins are all experienced tinkerers and we were eager to make the E100 much more effective. We had the advantage of living near each other in Washington State, and also the advantage of complementary experience in multiple IF filter modifications (Guy) and multiple loopstick modifications (Gary and John). After some discussions online, we decided to try to maximize the E100’s basic signal gathering capabilities through a variety of antenna modifications, using various ferrite bar substitutes and providing for the use of a normal outside antenna, if possible. We also hoped that Guy could lead us in developing a substitute for the stock IF filter to significantly improve selectivity. Although we were focused on these developments primarily for use in Trans-Pacific DXing, each is equally useful in domestic DXing in this IBOC-challenged era.

Since Gary had extensive experience “transplanting” larger loopsticks into smaller radios, he led our efforts there, with John assisting. One of the earliest innovations that both of us tried was using a 7.5” x .5” Amidon loopstick and a new coil of Litz wire, together, as a complete replacement for the E100’s stock small bar and coil. Just this *very* easy substitution made major improvements in signal gathering. The real innovation, though, was allowing DXers to slide this coil back and forth along the bar as they DXed to absolutely peak the E100 for the desired signal. The “Slider” was born and is likely headed for the DX Portable Hall of Fame. It *really* works and is unbelievably easy to create and install. Building an E100 Slider is the subject of the second article in our series. After the first 7.5” sliders, all





three of us went on to create Monster Sliders up to 27" long and 1" in diameter. Information on these behemoths will soon be available in the Ultralight Files area of dxer.ca.

Razor sharp selectivity is essential in a front-rank DX receiver, whether for slicing off weak trans-oceanic signals from close-by North Americans or sliding off to one side of a domestic DX target to avoid the accursed IBOC Buzz or local splatter on the other side. After John and Gary both had success in refining the "Slider" loopstick, we approached Guy for his help developing a suitable 455 kHz IF filter upgrade. Guy has years of experience in receiving filter upgrades. After a good bit of research, Guy suggested an E100 filter modification based on a premium Murata ceramic filter (2.3 kHz nominal, 2.9 kHz typical bandwidth). It is the same premium narrow filter that is used in the vaunted Eton E1 portables, and has a somewhat premium price reflecting its high performance (around \$50). Guy then developed a fairly simple installation procedure that puts this larger filter neatly inside the crowded E100 cabinet! We have all three now used this filter mod in both domestic and trans-oceanic venues and think that it is an *absolute wonder*, increasing both selectivity and signal to noise ratios! Performing the Murata filter mod is the subject of the third in our series of articles. Stand by, it's a winner!

Although most DXers use Ultralights as portable radios as they were intended, John has been interested in testing the limits of this simple single-conversion circuit as a table-top, mainline DX receiver, hooked to serious outside antennas from a normal computer-laden DX shack. John was successful in developing two simple techniques for doing just that and he has been happily DXing away ever since with his E100 hooked to Beverages, large loops, and a Wellbrook Phased Array. His very simple mods for attaching outside antennas directly to E100s and similar radios are the subject of the fourth and last of our series of articles.

So, that's our plan for the next three articles: take each of you through two fairly simple steps and one (the IF filter) a bit more complex that will turn an under \$50 quite nice stock Ultralight into a DX-hungry wildcat. *One caution: all of our modifications can only be accomplished on E100s with serial numbers prior to E10-07090xxxx (the vast majority.) E100s were changed radically at about that serial number and are not amenable to modification.*

## ***Building the E100 Slider Loopstick A Revolution in Broadband Portable Sensitivity***

***By Gary DeBock, Guy Atkins, and John Bryant***

***September 2008***

*The following is the second in a four-part series detailing easy steps to "hotrod" the radio that is rapidly becoming a favorite among Ultralight MW DXers. Gary DeBock led our effort in developing this modification.*

Although the stock E100 is an excellent AM DXing portable, it has one unfortunate weakness that seriously compromises its ability to receive weak low-band DX signals: a mediocre small loopstick antenna. Fortunately the E100's stock loopstick is not only easily removed, but has the simplest possible two-lead coil design, making its complete replacement one of the easiest ways for an E100 owner to radically improve the sensitivity of this otherwise impressive radio.

Like most digital Ultralight radios, the E100's front end also suffers from a tendency to drop off in sensitivity on either high or low band, even when an effective loopstick is transplanted directly into its circuitry and peaked at the standard 600 kHz alignment point. In the case of the E100, the 600 kHz peak alignment caused the new Amidon 7.5" loopstick's sensitivity to drop off rapidly on the high-band, while on the X-band it was little better than the tiny stock loopstick. While puzzling over this problem, an inspiration finally came: instead of securing the loopstick coil at the 600 kHz peak point (i.e. the standard alignment procedure), why not slide the coil to peak incoming DX signals from 530-1700 kHz during actual operating conditions? A few quick tests were run on the X-band using a moveable coil, sliding directly on the ferrite bar, and a huge difference in the E100's sensitivity was observed! The "Slider" was born and has become the tool to boost the E100's sensitivity past that of any stock portable.



Because of its reasonably good stock selectivity and other superb features, the E100 benefits tremendously by replacement of its tiny stock loopstick with an innovative Slider model. By itself, such a change will open up a new world of weak-signal DX possibilities for the E100 owner, newly empowered by amazing sensitivity. However, when the Slider loopstick is added in addition to Guy's IF filter modification (article #3 in our series), the cumulative effect is to transform the E100 into an incredibly effective trans-oceanic and domestic DX chaser, superbly equipped for the toughest of missions.

John Bryant and I both constructed our Sliders simultaneously. His is mounted on a thin plywood

mounting board (used here for illustration) and uses 5/8" O.D. vinyl tubing for the coil form. I used my normal T-shaped mounting system that is more amenable to hand-held DXing and I used a coil form of weatherproof tape. Electrically, the two units are identical.

This project's simplicity should encourage even the most reluctant hobbyists: it is simply the winding of a single coil on a movable form, which will slide along a ferrite bar to peak DX signals as they are received. The coil is then soldered into the E100's back circuit board at two very accessible points, replacing the mediocre stock loopstick. After mounting the new loopstick on a custom support of his own design, the DXer can then enjoy a new world of E100 sensitivity for a modest cost of under \$40.

Using the selected movable coil form for 1/2" diameter bars, wrap 50 to 63 turns of 40/44 Litz wire to form a coil of approximately 1" to 1-3/8" (this will roughly equal the stock coil's 298 mH inductance when peaked on a 600 kHz signal). The number of turns is not critical since the coil's inductance changes as the coil slides along the bar. A longer coil will peak more nearly at the end of the bar, a shorter more toward the middle. As long as at least 50 turns of 40/44 Litz are wound, this Slider should be able to peak all signals from 530- 1710 kHz.

Hobbyists using black vinyl tubing as a movable form will need to apply adhesive to the coil turns to keep them in place (Superglue works well); this is unnecessary for the sticky waterproof tape. On the other hand, users of waterproof tape will need to have a temporary cardboard form under the tape (with a very slippery surface facing the ferrite bar) that will be pulled out and discarded after the coil is wound. This ensures that a small space will exist between the waterproof tape form and the ferrite bar, to allow an easy sliding motion (the author has found that a 2" x 1.5" cut-out portion of the SRF-39FP slippery packing box works well for this purpose). Coil ends should be secured with wax or tape, to avoid unraveling the coil after winding.

To install the new Slider, open the E100's back panel and carefully note the position of the two loopstick connection leads. Using a small (30w or less) soldering iron, remove the stock loopstick wires. The tiny stock loopstick can be easily removed by scoring its glued borders with a small knife, and lifting it out into a well-deserved oblivion. Providing adequate slack for the chosen mounting method, solder the two Slider loopstick leads into the E100's back circuit board at the same locations observed previously, and cut a small slot in the back panel to accommodate these wires. Attach the Slider loopstick to a cabinet-mounted frame or mounting board, ensuring adequate shock-resistant rubber (or similar) insulating material to protect the fragile ferrite bar.

For maximum sensitivity in the new Slider loopstick, it is important to use frequency-optimized Litz wire and ferrite bars, both of which are readily available. Litz wire of the optimum 40/44 type may be obtained from Dave Schmarder at [thefiercerabbit@1n34a.com](mailto:thefiercerabbit@1n34a.com), who will sell small amounts. For one slider you need 12 feet of 40/44 wire. Dave prefers an email at the above address stating the type of wire and quantity desired, after which he will quote the material and shipping cost. Large frequency-optimized ferrite bars are available from the Amidon Corporation (<https://www.amidon-corp.com/items/10>), the best of which is the type 61, 7.5" x .5" bar (part # R61-050-750) at \$20 plus shipping. Even larger ferrite bars are available from the Stormwise Company, which sells 1" diameter plastic-coated ferrite rods from 4.5" long all the way up to 27" long. Both Guy and John have constructed Slider loopsticks with these monster bars, and their work will be soon be documented in a dxer.ca article.

Black thin-walled vinyl tubing of 5/8" inner diameter makes an excellent sliding coil form for 1/2" diameter ferrite bars, and it available at many hardware stores. Alternatively, a hobbyist may use several wraps of tough waterproof tape as a coil form, with the adhesive side out to hold the coil turns in place (the author's method). Note: An LCR meter is NOT required for this project.

THE SLIDER IN ACTION: Tune in any DX signal from 530-1700 kHz, and simply slide the coil to peak the signal--simplicity itself! The Slider loopstick's function is similar to a preselector, providing a huge frequency-optimized boost in sensitivity wherever the coil is peaked. The E100 with its standard low-band sensitivity is suddenly transformed into an ultra-sensitive DXing tiger, with wideband AM weak-signal performance at legendary levels!

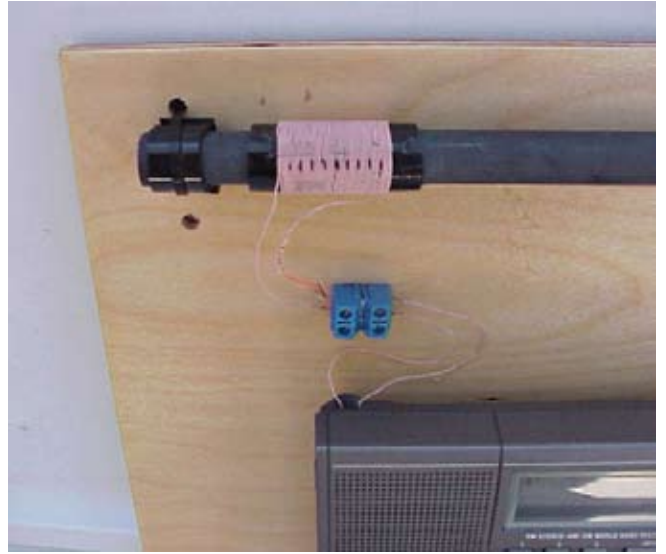
## ***A High Performance Filter for the E100***

### ***A Revolution in Broadband Portable Sensitivity***

***By Gary DeBock, Guy Atkins, and John Bryant***

***September 2008***

*The following is third in a four-part series detailing easy steps to "hotrod" the radio that is rapidly becoming*



a favorite among Ultralight MW DXers. **Guy Atkins** identified a narrower, high quality filter for the E100 and discovered a way to squeeze its larger case inside the receiver.

I breathed a sigh of relief when I first learned that the Eton E100 uses a 455 kHz I.F. filter. Yes! Many consumer “entertainment grade” portable radios have filters with a 450 kHz I.F., and higher quality, narrower filters are virtually unobtainable in this center frequency. Fortunately the E100 is a happy exception and a prime candidate for filter modification.

Other obstacles exist, however. Since the early 1990s, availability of quality, typically metal-cased ceramic filters has been declining. It is much harder to locate suitable upgrade filters now, and when they are found these filters are higher priced than before. This situation parallels the fading market for communications receivers in general. Quality *crystal* filters can be bought from sources like International Radio Co. (INRAD) for approx. \$150 and higher, but they are much larger than will fit inside of an Eton E100 case.

A lengthy search on the Internet led me to a top-notch Murata ceramic filter, the CFJ455K5, currently found at just one source to my knowledge: ICOM America headquarters in Bellevue, WA. ICOM’s offices are only a few miles from where I work, so I was able to look over and purchase a handful for Gary, John, and me. The price for the CFJ455K5 in early summer 2008 was \$47.85, and the ICOM order number is 2020000210. ICOM uses the filter as a wide SSB filter in the IC-R75 receiver and is filter “FL65” in the IC-718 transceiver. Interestingly, Eton puts the very same filter inside their flagship model E1. ICOM America’s toll-free order line is: (800) 346-0495. They are open 8am-5pm, Pacific Time, M-F.

This filter is nominally 2.3 kHz at -6 dB (2.9 kHz typical--a good narrow voice bandwidth), and has an excellent shape factor of 1 : 1.4, as measured with lab gear by radio amateur KK6IL in 2003. Ultimate rejection of the CFJ455K5 is in the 80 db range. Just as important as performance is the compact size of the filter, small enough to fit the E100’s circuitry with some simple modification.

#### Figure 1~Figure 2

The replacement Murata filter needs to be mounted a small distance away from the stock filter location and connected with short lengths of RG-174U coax cable. See figures 1 and 2 for soldering and assembly of the coax. You will need approximately 1.75 inches of coax (each) between the filter and the circuit board, but allow extra so you can cut and solder to the exact length. Keep the exposed RG-174U center conductor as short as possible to avoid signal leakage or pickup of stray RF. This is very important! Solder both coax shields together, and use a short length of solid, stiff wire as a “pin” for the ground connection to the PCB (figure 2).

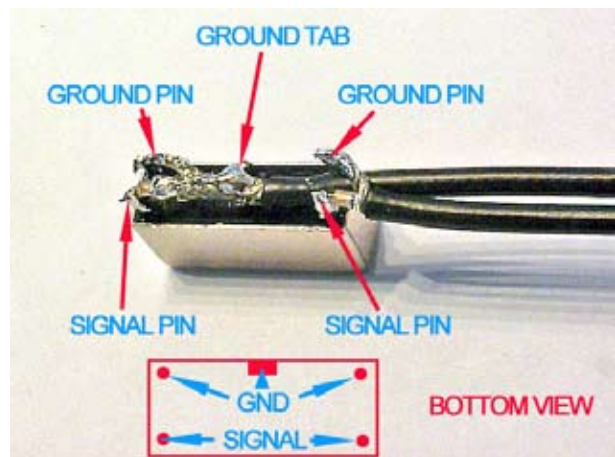
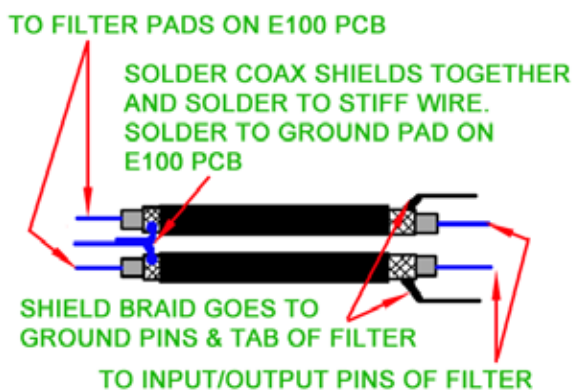
For E100 disassembly tips, see the article on this subject posted on the dxer.ca Web site. To allow room for filter mounting, you will need to cut away a section of the E100’s plastic sub chassis. See figure 3. The area marked in blue is the section to cut or grind away. I used an old pair of wire cutters I had on hand, but I could have done a neater job with my Dremel tool.

The stock E100 filter to be removed from the main PCB is a small black cube marked “P55I” on top (see figure 3). The filter is identified as “CF1” on the circuit board. This stock filter has three pins and the replacement Murata has four, but no matter; common ground leads will be shorted to effectively work as a three pin filter. You may also want to temporarily remove electrolytic cap (C39) near the filter to gain easier access.

Use as little heat as necessary to desolder stock filter CF1, to avoid lifting a circuit trace. If this happens, jumper between a good section of the trace (scrape away the insulating layer first) and the filter pin with a short length of small diameter solid wire. Figure 4 shows the signal and ground connection points on the back side of the board. The ground connection point is just above the marking for capacitor C82. Since ceramic filters are symmetrical, it does not really matter which signal lead (i.e., input/output) goes where, as long as the coax shield goes to the ground pad.

The new CFJ455K5 filter fits in the cutout area of the plastic sub chassis, resting on top of a number of components. Insulate the metal case of the filter as necessary to avoid shorting. Route the RG-174U coax to the two signal thru-holes and the grounding point, and solder carefully. See figure 5.

Figure 6 shows how the modified filter and PCBs should look before reassembling the E100 case. Note that the installation shown in this photo has less plastic cut away from the sub chassis. Depending on how flush (or not) the components are soldered to the lower PCB from the factory, you may or may not need to remove as much plastic as shown in figure 3.





different radios. In the case of the E100, I was able to compare two aligned units, add an antenna port to one and then compare them again. In no case did I find reception changed a bit by the presence of a disconnected and “floating” coupling coil. If you want to use an external antenna with your E100, this modification works like a charm!

I wanted to convert the E100’s external antenna input connection into a plug and jack system, just like a communications receiver. In other Ultralights I was able to use a monaural 2.5 mm mini-jack/plug pair by Kobicon. (Mouser p/n 171-3304-EX and p/n 16PJ100). However, the Eton E100 is so cram-packed with features and components that I could find no room whatsoever to place a standard chassis-mount input jack, even the tiny Kobicon unit. After a good deal more thought, I decided to use the circuit board-mount version of that same 2.5mm Kobicon unit (Mouser #161-2505-E) and glue it on the outside upper edge of the cabinet. This would allow me to have extremely short leads to the pick-up coil on the E100’s ferrite bar (directly beneath) and the little jack was so small that I could still use the nice vinyl carrying case to protect the now tender radio.

Mounting the jack was easy. I soldered pig tails of 30 ga. wire to the two circuit board prongs of the jack, drilled holes in the upper edge of the case, and mounted the jack with epoxy. I removed a bit of plastic from the edge of the inner frame-chassis, wound the pick-up coil and snapped the E100 back together. The new jack was positioned so that it would clear the whip antenna and so that the external antenna plug would enter the jack from the rear. With the radio raised on its integral stand, as in the first photo, the whole installation worked quite well. I might also add that one could substitute a twin screw terminal block for the Kobicon jack or dispense with the plug/jack system entirely and hard wire coax to the little pick up coil directly.

One caution: Using major external antennas with an E100 works great in rural or many suburban locations. However, in the RF swamps of our major cities, some overloading may occur.

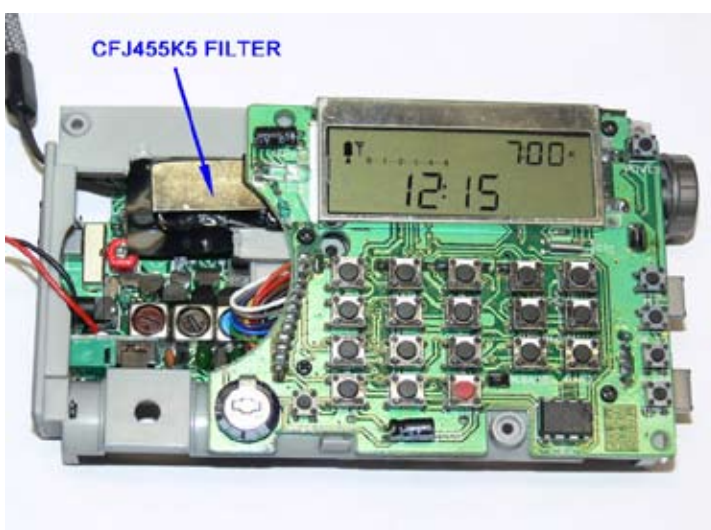
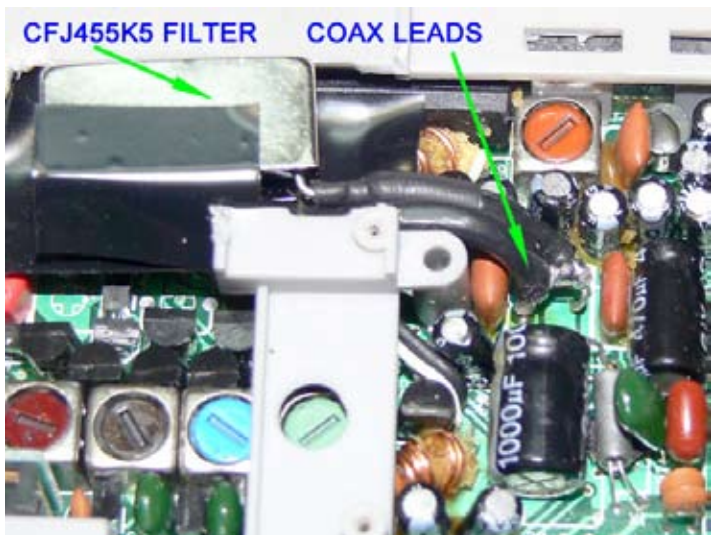
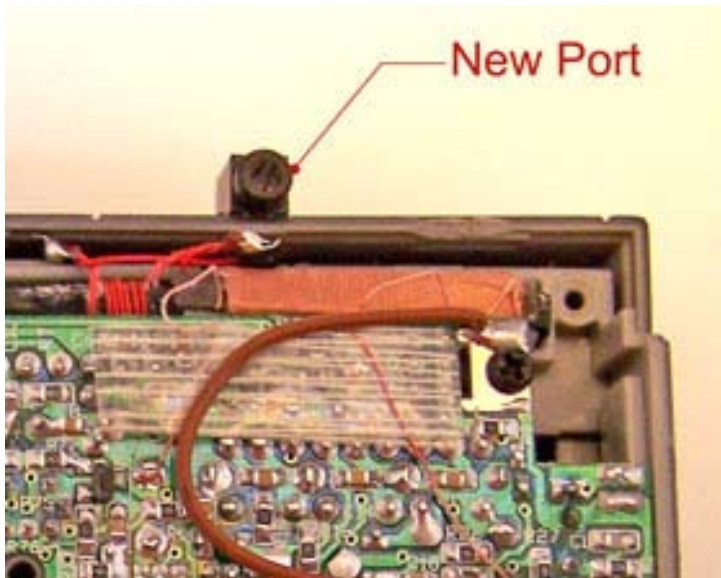
Does this mod really make a difference? YES!!! After 6 months of using this modification (and the IF filter mod developed by Guy Atkins) I have found that I can hear about 2/3 of the DX stations available to my big communications receivers. So far this season, I have heard 85 Trans-Pacific stations Ultralightly.

**Figure 5** **Figure 6**

**What kind of improvement can you expect?** John, Gary, and I have been highly impressed with the results of this filter swap! Many of our trans-Pacific MW catches with the E100 would have been impossible without this upgraded filter. This modification is also strongly recommended for domestic DXers, especially those with local “pest” stations. We’ve found it is now possible for us to DX with the E100 within 10 kHz of our strongest locals (usually in combination with careful nulling of the powerhouse station).

Although a nominal 2.3 kHz bandwidth, the CFJ455K5 filter is typically measured at 2.9 to 3.0 kHz. This is just about as narrow a filter as practical when limited to AM mode reception in the Eton E100. To boost intelligibility (and further avoid nearby interfering signals), we recommend offset tuning by 1 kHz when using this tighter filter. If your particular E100 suffers from the 1 kHz readout error, your mileage may vary; you might find that best audio quality is on the carrier frequency, or even 2 kHz removed

from the displayed carrier frequency. A little practice with the modified radio will quickly reveal the tuning characteristics necessary. Jump right in and tackle the tough signal situations above and below your strongest local stations...I’ll bet the CFJ455K5 reveals DX previously impossible to receive with the stock filter!



## 2008 Ultralight AM Radio Summertime Shootout

By Gary DeBock

**Introduction** Beginning with some startling TP receptions on a humble SRF-59 last autumn, the sudden fascination in pocket radio DXing has swept through the AM-DX community in a major way, providing an exciting new niche hobby that is now firmly established and organized. Emphasizing DXer skill and knowledge over equipment innovation, the Ultralight radio phenomena has provided new excitement and challenges for both domestic and split-frequency DXers, and has even been credited with providing a serious boost to an AM-DX community in need of some positive trends.

To satisfy the booming interest in Ultralight radios last winter, several equipment reviews were urgently written and posted, in the hope of providing accurate purchasing recommendations for the top models. The purely accidental collaboration with Colin Newell (and his offer of resources on [dxer.ca](http://dxer.ca)) was essential in disseminating the early information on these innovative receivers, and the combination of [dxer.ca](http://dxer.ca)'s worldwide exposure and the glowing user reports on the Internet succeeded in spreading the Ultralight DXing phenomena far and wide. Finally, John Bryant's superb organizational talent provided essential direction and focus for a wildly enthusiastic but notoriously diverse group of pocket radio fanatics, ensuring the solid foundation that Ultralight Radio DXing now enjoys.

In contrast to those urgent winter equipment reports, however, knowledge and experience with Ultralight radios is now far more extensive. Detailed information on alignments, quality control and even modifications is now available. The marketplace has also changed significantly, with the top-rated analog portable (the Sony SRF-39FP) no longer routinely available, and the top-rated digital portable (the Japanese-market Sony SRF-T615) having huge price increases, presumably because of a stampede in orders from North America.

**The Contestants** Five Ultralight models (four digital and one analog) will be thoroughly evaluated in this Shootout, all of which are currently available for new (or routine NOS) purchase by enthusiasts. These are the extremely compact Sony SRF-S84 and SRF-M97 models, the superbly capable Eton E100, and finally the recently introduced Sony SRF-M37W and Sangean DT-400W units. Potential purchasers will not only be given extensive information on the relative performance capabilities of these Summertime Shootout contenders, but will also receive an exhaustive guide on how they compare against the top-rated Ultralight portables from previous Shootouts (the SRF-59, SRF-39FP, SRF-T615, SRF-M37V, DT-210V, and DT-200VX units). As always, it is the reviewer's sincere hope that this definitive guide to Ultralight Radio capabilities will motivate even more AM-DXers to accept the challenge (and share the rewards) of thrilling Ultralight Radio DXing.

**Sony SRF-S84** Those analog DXers despondent over the recent unavailability of the SRF-39FP may wish to investigate the merits of the tiniest member of Sony's overachieving CXA1129N-based team, the silver-colored SRF-S84. At 3" x 1.4" x 7" (78 x 38 x 20 mm) and weighing 1.4 ounces (40 g), the SRF-S84 is roughly half the size of its analog siblings, but certainly doesn't skimp on performance. Typically coming out from China in a state of somewhat reduced AM sensitivity, once aligned, it becomes a fairly decent DX chaser with ability approaching that of the SRF-59 (even with only a 1.19" x .25" loopstick). As a bonus, its wideband (76-108 MHz) FM sensitivity and audio quality are superior to that of the SRF-59, with a "Mega-Bass" function that performs quite well. All is not perfect, however—the analog design lacks memories, digital readout, and a speaker, and the tiny tuning knob makes even the SRF-59 look good. For an extremely compact FM stereo companion or casual AM-DX chaser, however, this model has a lot to offer. It's an absolute blast to use this tiny overachiever with external accessories like the Quantum Loop or Q-Stick, boosting AM performance up to a very competitive level. Using a single AAA battery reputed to last 52 hours (alkaline type) on AM, the model includes a pocket clip, stereo ear bud phones and a "trial" AAA battery (not alkaline). The smart way to purchase the SRF-S84 is from the Hong Kong exporters on eBay ([hkequipment](http://hkequipment) and [ecbuy\\_shop](http://ecbuy_shop)), which will only cost around \$31.45 plus \$5 shipping (the review model came this way within two weeks). Contrast this with the Amazon.com price of \$99.00 plus shipping, via Wall Street Photo.

**Sony SRF-M97** Another extremely compact (and relatively unknown) silver-colored model but with a much higher price, the digital SRF-M97 has attracted the interest of many enthusiasts eager for high AM performance similar to that of the SRF-T615. Very similar to the SRF-S84 in size and shape (3.25" x 1.4" x 7", or 85 x 37 x 17 mm) as well as weight (1.3 ounces, or 47 grams), this digital model has not only the "Mega-Bass" function, but has a unique "inverse LCD digital display" featuring silver-



colored digits on a black background, 15 FM and 5 AM presets, auto shut-off selections of 30-60-90-120 minutes, a jog dial to switch between AM and FM, a digital clock, a Hold function, an FM sensitivity switch, and selectable 9 or 10 kHz AM tuning steps. Unfortunately, the user quickly discovers that this headphone-only model is hardly another SRF-T615—AM coverage stops at 1610 kHz, and the unit apparently lacks the T615's innovative AM RF circuitry. The digital features notwithstanding, neither the AM or FM performance is especially remarkable, leaving the user to conclude that Sony's design objective was simply to create a cool-looking, ultra-compact portable for consumers primarily interested in local AM and FM reception. At \$63. 49 plus \$5 shipping (from eBay vendor hkequipment), the price may seem a little steep for such modest performance, at least until you compare it to Amazon's outrageous \$158. 33 plus shipping (via Wall Street Photo). It includes a pocket clip, stereo ear bud phones and a "trial" AAA battery (the alkaline type is reputed to last 65 hours on AM). Serious Ultralight AM-DXers are unlikely to be thrilled with this model, and may wish to check out the next unit, a true classic.

**Eton E100** Just missing the January 2008 Shootout because of questions about its Ultralight definition status as a "consumer radio," the Eton E100 was ultimately approved as an official model, no doubt the most DX-capable pocket radio ever to be so honored. A heavyweight in both size (7. 4 ounces, or 180 grams) and performance, this gray-colored model with a "modern rubberized finish" seems uniquely designed for DXers, who have found it to be ideal as a modified Unlimited Class performer. At 4.9" x 3" x 1.2" (120 x 78 x 25 mm), the stock model features AM coverage from 520-1710 kHz, with



selectable 9 or 10 kHz steps (and 1 kHz tuning ability), as well as SW coverage from 1,711-29,995 kHz. The 87-108 MHz FM section is also quite competitive for DXing, using the whip antenna for surprising fringe reception. AM-DXers can choose manual, direct entry or auto-scan tuning, with no fewer than 200 memories available for AM (or FM and SW, if desired). There is a digital clock with an alarm function, featuring simultaneous display alongside the frequency readout (unique among Ultralights, and useful for DXers). A five-step bar display shows relative signal strength, which although not calibrated, is better than nothing. The LCD display lights up with any user-inputted changes and the light can be continually used if desired (to the detriment of the batteries). A programmable sleep timer (10-90 minutes) is included, along with a thick owner's manual, a wrist strap, stereo earphones, two AA batteries and a protective pouch. Although recently discontinued by Eton, the E100 is still routinely available for NOS purchase from many sources, the least expensive being a current Durham Radio / dxer. ca promotion at \$44. 97 plus \$12. 95 shipping (to the U. S. ). Interested hobbyists are advised to secure their new E100 model without delay!

**E100 Quirks** So how does the stock E100 perform in the real DX world? Well, there are several quirks that the user should be aware of, before expecting maximum performance. The AM sensitivity can be markedly improved simply by placing the whip antenna in a vertical position, away from the loopstick. Many E100's have a tuning quirk, making them receive 1 kHz above the displayed frequency (dial in 529 if you wish to receive 530 kHz). The E100's stock (3. 4" x . 25" x . 16") loopstick skimps on ferrite, making the low-band sensitivity disappointing compared to high-band (even after alignment). Having actually used a modified E100 on a dark ocean beach, the reviewer has found the memory selection system to be ergonomically awkward, with the need to press two extremely small buttons to access any memory. *A thoroughly redesigned "new model" E100 has also been identified by enthusiasts, with serial numbers of E10-0709xxxxxx. These units have inferior AM performance, and should be avoided if possible.*

**E100 Modifications** The E100's 455 kHz IF, simple two-lead loopstick and 1 kHz tuning ability have proven to be a boon for DXers seeking greatly improved sensitivity and selectivity. These efforts involve either adding an extra loop on the stock loopstick to inductively couple an external antenna, or replacing the stock loopstick entirely with a far more sensitive sliding-coil model. Replacing the IF filter with a premium Murata ceramic type also provides a huge selectivity boost. The cumulative effect is to transform the modest E100 into an astonishingly effective 9 kHz-split DX chaser, or domestic DX machine and IBOC dodger.

**Sony SRF-M37W** This familiar-looking unit is the first of two new models dropping coverage of soon-to-be-obsolete analog TV audio signals. Unfortunately, in the case of this model, the only "new" addition seems to be a "W" after the SRF-M37 designation, replacing the "V." In contrast to Sangean's dramatic RF improvements to the AM section of the DT-400W, Sony apparently has nothing new to offer in this "new" SRF-M37W. Specifications and performance are identical to the SRF-M37V, minus the TV audio coverage. The notoriously awful IF filter is retained, allowing locals to spread out as much

as 100 kHz either way from their frequency. This is really unfortunate, because other than this major issue, the model has fairly good DX potential—and has been used in Newfoundland to log more DX countries than any other Ultralight radio.

This digital Weather/AM/FM-Stereo headphone-only model comes in an attractive black case with silver dial trim, and measures 3.4" x 2.5" x 1.3" (83 x 63 x 22 mm). Weight is 3.3 ounces (94 g). The controls are rubber-coated, and ergonomically sensible. It has a clock, 20 memory presets (5 for the AM band), 530-1710 kHz coverage tunable in 9 or 10 kHz steps, 87.5-108 MHz FM coverage with average sensitivity, selectivity and audio quality, and the ability to tune weather channels 1-7. It includes stereo headphones and a belt clip, and uses a single AAA battery (not included) reputed to run 54 hours on AM. It retails for \$29.99 plus shipping from Amazon via Ace Photo Digital, and urban and suburban DXers are unlikely to be enthused with this model.

**Sangean DT-400W** The most pleasant surprise of this Summertime Shootout is the complete redesign of this new model's AM RF circuitry, creating an AM design with exceptional wide-band sensitivity. Improving significantly upon the DT-200VX and its reputation for having good AM sensitivity only on either high or low band frequencies, this new model can equal the performance of the SRF-T615 on low band, and the E100 on high band--making it the most sensitive Ultralight radio currently available. In addition, this outstanding AM sensitivity appears to be typical for factory alignments, based on the performance of three test units ordered by this skeptical reviewer. As a bonus, FM performance is also excellent, with superb sensitivity and audio quality (equivalent to that of the DT-200VX).



The DT-400W's yellow cabinet measures 4.1" x 2.4" x .8" (105 x 63 x 22 mm) and weight is 3.8 oz (108 g). Dropping the analog TV audio coverage of the DT-200VX, the model is a Weather/AM/FM-stereo unit with a built-in speaker, a digital LCD display with a battery indicator, 90 minute auto shut-off function, 19 programmable memories (all usable on AM, if desired), 9 kHz or 10 kHz AM tuning steps, a scanning function, a built-in clock, a Deep Bass Boost audio option, FM stereo/mono/speaker selection, a "Weather Alert" function, and a Lock control. AM coverage (520-1710) is exceptionally free from urban RF issues—along with the E100, being one of the two most crunch-resistant Ultralight models ever tested. FM coverage (87.5-108 MHz) offers casual FM DXers lots of chances to make surprising catches when conditions allow, and Weather Band coverage (channels 1-7) is also commendable, clearly superior to that of the "new" SRF-M37W. The unit includes stereo headphones, a trailing antenna, and a belt clip. Two AA batteries are reputed to last over 40 hours, a claimed improvement over the DT-200VX run time.

Like the E100, the DT-400W has a little "quirk" which affects AM sensitivity and nulling ability. Like the DT-200VX, the 2.16" x .3" loopstick is buried at the bottom of the cabinet, usually surrounded by the user's fingers. This was Sangean's attempt to place the antenna as far as possible away from the noisy digital circuitry, and they were quite successful in that objective. However, a user can usually obtain slightly better AM sensitivity and nulling ability simply by inverting the radio, and grasping the top of the cabinet instead of the bottom.

Preparation For Live-Signal Shootout All five review units had AM alignments attempted, and in the cases of the SRF-S84, SRF-M37W, and E100, the alignments were successful in peaking both low and high band sensitivity. The DT-400W, a subject of intense interest here, was peaked only on low band, due to the inaccessibility of the 1400 kHz trimmer in the operating configuration. However, factory alignment was excellent on low band, and apparently also on high band, judging from the outstanding sensitivity in all three review units. The compact SRF-M97 obviously has a unique protocol for disassembly, and lacking the necessary Sony service manual, alignment was not attempted by the reviewer. The unit therefore was tested in its inadequate factory-aligned state.

Shootout Day Arrives The five newly reviewed contestants assembled on a hot, oppressive day at 12:00 Noon on August 16, 2008, optimistic despite the degraded Puget Sound conditions typical of summer. They not only would fight it out between themselves, but also face the "surviving" models from previous Shootouts (the SRF-59, SRF-39FP, SRF-T615, DT-210V, and DT-200VX). The SRF-M37V, discovered to be an identical twin of the SRF-M37W, will be referred to as the "SRF-M37V/W" in all competitive grading. Note also that in the case of the E100, all testing was performed with the whip antenna in a vertical position, and in the case of the DT-200VX and DT-400W, all testing was performed by grasping the upper cabinet, away from the loopstick. ~2008 Ultralight AM Radio Summertime Shootout-- Live Signal Competition--August 16, 2008

SENSITIVITY:(worst is 0, best is 5;final grade for model is listed after model)~ \_\_\_\_\_ Radio KPOJ-620 KWDB-1110 KDZR-1640

SRF-S84 (B)weak mumbling (2)weak mumbling (2)weak mumbling (2)



SRF-M97 (D) no reception (0)carrier, 1090 slop (1) (cannot tune)  
 E100 (A-)weak mumbling (2)steady weak audio (3)steady weak audio (3)  
 SRF-M37V/W (B) weak mumbling (2)carrier, 1090 slop (1) 1450 slop (0)  
 DT-400W (A)steady weak audio (3) steady weak audio (3)steady weak audio (3)  
 SRF-59 (B)weak mumbling (2)weak mumbling (2)weak mumbling (2)  
 SRF-39FP (B+)weak mumbling (2)steady weak audio (3)weak mumbling (2)  
 SRF-T615 (A-) steady weak audio (3) steady weak audio (3) weak mumbling (2)  
 DT-210V (B) weak mumbling (2)weak mumbling (2)weak mumbling (2)  
 DT-200VX (B) weak mumbling (2)weak mumbling (2)weak mumbling (2)

SENSITIVITY SUMMARY: The top performer is the new DT-400W, with unparalleled wide-band sensitivity. The E100 can match it on the top band, and the SRF-T615 can match it on the low band, but neither can match the DT-400W across the entire band. The SRF-39FP has a slight advantage over the remaining units across the band, due to a lower noise level. The other units generally have average sensitivity, with the SRF-S84 showing exceptional performance for its size. The SRF-M97 is hopelessly outclassed, and absurdly overpriced in view of its poor AM reception. ~SELECTIVITY (worst is 0, best is 5; final grade for model is listed after model)

Radio CHMJ-730 KWDB-1110 KELA-1470

SRF-S84 (A-)slight KIRO slop (3)almost no KPTK slop (4)almost no KSUH slop (4)  
 SRF-M97 (C-) all KIRO slop (0)heavy KPTK slop (2)almost all KSUH slop (1)  
 E-100 (A)slight KIRO slop (3)no KPTK slop (5) no KSUH slop (5)  
 SRF-M37V/W (F)all KIRO slop (0) all KPTK slop (0)all KSUH slop (0)  
 DT-400W (B)slight KIRO slop (3) slight KPTK slop (3)almost no KSUH slop (4)  
 SRF-59 (A-) slight KIRO slop (3) almost no KPTK slop (4) almost no KSUH slop (4)  
 SRF-39FP (A-)slight KIRO slop (3) almost no KPTK slop (4) almost no KSUH slop (4)  
 SRF-T615 (B-)slight KIRO slop (3) slight KPTK slop (3)slight KSUH slop (3)  
 DT-210V (B+) slight KIRO slop (3)almost no KPTK slop (4) almost no KSUH slop (4)  
 DT-200VX (B)slight KIRO slop (3) slight KPTK slop (3)almost no KSUH slop (4)

SELECTIVITY SUMMARY: The E100 clearly has superior selectivity to all other units. The Sony analog units (including the tiny SRF-S84) provide superior selectivity to the remaining contestants, while the DT-210V has a slight edge over the other Sangean units. The SRF-M97 has a major selectivity issue, while the SRF-M37V/W's problem continues to be an absolute catastrophe. ~NULLING ABILITY: (final grade and comment)

SRF-S84 (A) Excellent, near legendary performance  
 SRF-M97 (A-)Irrelevant strong point of a mediocre model lacking in sensitivity and selectivity  
 E100 (B) Good, and outstanding selectivity increases practical use  
 SRF-M37V/W (B) Good, but terrible selectivity limits practical use  
 DT-400W (B)Good, and excellent sensitivity increases practical use  
 SRF-59 (A)Excellent, near legendary performance  
 SRF-39FP (A)Excellent, near legendary performance  
 SRF-T615 (A)Excellent, unique among digital models  
 DT-210V (B)Good, and decent sensitivity increases practical use  
 DT-200VX (B)Good, and decent sensitivity increases practical use~IMAGES, SPURS and MAJOR

SELECTIVITY DEFECTS (final grade after model)

SRF-S84 (A-)Insignificant spurious whistle on 730  
 SRF-M97 (B)KSUH-1450 image on 550 (weak); KSUH-1450 received from 1420-1480  
 Eton E100 (A)KSUH-1450 image on 540 (moderate)  
 SRF-M37V/W (F) KSUH-1450 image on 550 (strong); spurious mix of KSUH-1450 and KZIZ-1560 on 1610 (strong);KKOL-1300 received from 1280-1340;  
 KSUH-1450 received from 1410-1640  
 DT-400W (A)Insignificant KSUH-1450 image on 550 (extremely weak)  
 SRF-59 (A-)Insignificant spurious whistle on 730  
 SRF-39FP (A-) Insignificant spurious whistle on 730  
 SRF-T615 (C) KSUH-1450 image on 550 (moderate);Puyallup TIS-1580 spur on 1600 (moderate);KZIZ-1560 spur on 1420;KSUH-1450 received from 1430-1510  
 DT-210V (B) KSUH-1450 image on 550 (weak);insignificant spurious whistle on 750  
 DT-200VX (A-) Insignificant spurious whistle on 750

AGC (final grade and comment)

SRF-S84 (B)Will not irritate the ears of searching DXers  
 SRF-M97 (A-)Excellent AGC, but poor reception limits value  
 E100 (B+) Very good performance, but minor issues with IBOC hiss and local slop  
 SRF-M37V/W (B+) Very good performance, except for IBOC hiss

DT-400W (A-)Excellent AGC except for minor IBOC hiss issue

SRF-59 (B)Will not irritate the ears of searching DXers

SRF-39FP (B)Will not irritate the ears of searching DXers

SRF-T615 (A)The best in AGC performance among these contestants

DT-210V (B) Will not irritate the ears of searching DXers

DT-200VX (A-)Excellent AGC except for minor IBOC hiss issue~AUDIO QUALITY (final grade and comment)

SRF-S84 (A) Best of the analog models with Mega-Bass function

SRF-M97 (B)Mega-Bass function cannot overcome emphasis on high frequencies

E100 (B)Emphasis on high frequencies OK for DXers, but not for FM stereo music fans

SRF-M37V/W (A)Excellent audio with great attention to fidelity

DT-400W (A)Excellent audio with great attention to fidelity;DBB function augments range

SRF-59 (B+)Pleasing audio with emphasis on high frequencies

SRF-39FP (A-)Mellow audio with balanced highs and lows

SRF-T615 (A)Excellent audio with great attention to fidelity

DT-210V (A) Excellent audio with great attention to fidelity; DBB function augments range

DT-200VX (A)Excellent audio with great attention to fidelity; DBB function augments range~DIGITAL TUNING NOISE (final grade and comment)

SRF-M97 (B) Function beep, one second delay

E100 (A-)No tuning noise or delay, but two second delay and PLL chirp when turned on

SRF-M37V/W (A-)Function beep, no delay

DT-400W (A)No noise, no delay

SRF-T615 (A)No noise, no delay

DT-210V (B) No noise, one second delay

DT-200VX (A)No noise, no delay~QUALITY CONTROL RECORD (final grade and comment)

SRF-S84 (B)Own unit gained significant improvement in sensitivity with AM alignment

SRF-M97 (B) Factory alignment provided unacceptable AM sensitivity (congenital defect?)

E100 (B)Based on alignment of five units, all had significant low-band sensitivity gain

SRF-M37V/W (A)Based on reports of ten units, all had great initial performance (with congenital selectivity defect)

DT-400W (A)Based on three review units, all had great initial performance and sensitivity

SRF-59 (B) Based on alignment of 55 units, 39 gained major improvement in sensitivity with AM alignment, 13 gained minor improvement

SRF-39FP (A-)Based on alignment of 17 units, 3 gained major improvement in sensitivity; 7 gained minor improvement

SRF-T615 (A) Based on reports of 7 units, all had great initial performance

DT-210V (B-)Own unit required AM alignment for optimum performance; first received unit was defective and not repairable; reports of other QC issues

DT200VX (A-)Based on reports of 12 units, all had great initial performance, but AM alignment typically improves sensitivity on high or low band (not both)~Summertime Summary The new DT-400W model's superior wide-band AM sensitivity gives it a slight edge over the SRF-T615 and E100 models in general AM DXing, although the E100's supreme selectivity and 1 kHz tuning ability would be preferable for split-frequency DXers and, domestically, to dodge IBOC hash. The DT-400W is a real breakthrough in value, providing wide-band sensitivity superior to that of the SRF-T615 at half the price. But the E100 is also a supreme value, providing far superior capability for modification as an Unlimited Class performer. The choice of these two units would primarily depend upon the objectives of the DXer-- stock or modified. Either model provides outstanding capability for general DXing, although in stock form, the DT-400W would have a decided sensitivity edge on the lower frequencies. The E100's future availability is uncertain, making it imperative that interested enthusiasts secure their NOS unit without delay, and be careful to buy the older "real E100's" with serial numbers below E10-07090xxxx.

The SRF-T615 is no longer the top-rated digital model in sensitivity, although it continues to provide outstanding performance for its compact size. Its moderate urban RF issues are completely absent in both the E100 and DT-400W units, however, making these units far preferable for urban DXers (at half the cost). The DT-400W, especially, has greatly reduced the allure of the SRF-T615.

The DT-200VX remains a competitive unit for urban DXers, although it lacks the newly designed RF board of the DT-400W, which provides improved wide-band sensitivity. As a result, the DT-200VX usually drops off in sensitivity on either high or low band, despite full alignment. It is also uncertain whether Sangean will continue to offer this model after the new DT-400W introduction.

The DT-210V is generally an excellent model, but has serious QC issues. DXers fortunate enough to secure a "good" model can enjoy some very competitive performance, although the top-rated digital

models (E100 and DT-400W) provide both superior performance and quality control.

The "new" SRF-M37W (and its SRF-M37V predecessor) have many desirable qualities, with fine sensitivity, AGC, audio and QC record...but in their stock form, suffer greatly from horrendous selectivity. They also have serious urban RF issues absent in other competing Ultralight models.

As for the final new digital contestant, the greatly overpriced SRF-M97, its unique "inverse LCD" digital display is useless without effective RF circuitry. Serious AM-DXers will deeply regret purchasing this Gobbler from the Far East, with its 1610 kHz upper limit and equally poor AM and FM performance. If you only wish to receive your locals, fine...otherwise save your \$158.33 (Amazon).

The Sony analog models have always offered a different form of exciting Ultralight DXing, and the very tiny SRF-S84 provides the ultimate in performance for its size. When aligned by a caring technician (like the reviewer), this extremely compact overachiever can humble most digital models in selectivity and nulling ability, and provide DX performance approaching that of the SRF-59 (with superior FM sensitivity and audio quality). The SRF-S84 has been a very pleasant surprise during this Shootout, and this analog-loving reviewer can't wait to chase TP's with it.

Of course, analog DXing requires a special commitment, and isn't for everybody. The SRF-39FP remains the model of choice for serious analog DXers, although it is no longer routinely available for NOS purchase. The SRF-59, by comparison, has ergonomic limitations and QC issues, but as the model that started the entire Ultralight DXing boom, perhaps has compensating historical value :->~Conclusion: The Summertime Shootout provides you with an accurate, definitive purchasing guide for all the top-rated Ultralight radio models, giving the latest information on new and existing units. A new fall season is approaching, and exciting new DX opportunities await us all! If you have never experienced the unique thrill of receiving rare DX on a pocket radio, it is the reviewer's sincere wish that you will "take the plunge" by purchasing one of these inexpensive little wonders, and join our fast-growing group in the legendary excitement and satisfaction of Ultralight Radio DXing.

73 and Best Wishes to All, Gary DeBock ~ (The reviewer wishes to express sincere gratitude to John Bryant for his assistance in preparing this report, and to Colin Newell for his constant and generous support of the Ultralight Radio DX group. )

Tom Kneitel, W4XAA, better known to hams by his previous call sign K2AES, died August 22, 2008, at age 75. He lived in DeLand, Florida, where he and his wife Judy had moved in 2004.

At the time of his death, he was editor emeritus of *Popular Communications*. Aside from serving as editor of *Popular Communications*, he had written for *CB Horizons*, *S9* and *Popular Electronics*, and was the author of a number of radio hobbyist books on such subjects as scanning, CB radio and building electronics projects.

Dick Ross, K2MGA, publisher of *CQ Magazine*, who had worked with Kneitel on a number of publishing projects since 1961, told the ARRL he was "one of the most creative people I've known in my life....He came up with the name *S9* and created the whole editorial package." Ross added: "His contributions were enormous. He kind of defined the personal communications hobby -- he brought together the whole range of disparate subcultures if you will -- it's all hobby radio. He was the one who brought them together. He saw the fun in the whole thing. He had a way of giving you a chuckle -- he had an enormous sense of humor. He was a terrific, terrific person."

Born in Brooklyn, New York in 1933, Kneitel first started writing about the radio hobby in the 1950s, and continued writing until recently. He was a 2004 inductee into the CQ Amateur Radio Hall of Fame. He was the grandson of cartoon pioneer Max Fleischer, whose studio created the Popeye and Betty Boop cartoons.

Kneitel was predeceased by a son. Survivors include his wife, two sons, four daughters, a sister and 10 grandchildren. A private memorial service is planned.

-- some information from OrlandoSentinel.com

-- From the ARRL web site, via Joe Miller

## *The County Cross Reference*

What a time-saver! A complete list of counties, parishes, and similar political divisions in the U. S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Heinen. \$8.95 for members, \$11.95, non-member; overseas surface mail, add \$4.00 for first copy; \$.64 for each add'l copy/ For airmail, add \$8.00 for each 3 or fraction of 3. Order "CCR" from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

## Cincinnati Gets Two Gospel Stations In One Week

*A void in the airwaves is filled*

*From WKRC-12, via Fred Vobbe*

Cincinnati now has not one, but two urban gospel stations.

WDBZ The Buzz is changing its format from talk to gospel. And a local attorney is buying a station that once featured Christian programming.

The songs resonate throughout WCVG 1320. Monday, the station started broadcasting urban gospel once again, playing music and helping people in need.

"They would call us for prayer," said Tracie Hunter, TMH Media Group. "They would call us for referrals, whatever it was that they needed. That's what we became to them and so when we were off the air in Cincinnati, that left a big void."

CVG was a gospel station from the mid 90's through 2005, but a change in ownership changed the format.

"In 2005, the owner sold the radio station to another company and that company made the decision to take it Latino."

Hunter managed the station during its first stint as Cincinnati's only 24 hour urban gospel station, and started broadcasting on the web after the owner sold. Now, Hunter is in the process of buying CVG back.

Workers are painstakingly uploading 10,000 gospel cds.

Tracie is out covering community events like the Michelle Obama speech.

"We missed turning on the radio and being able to hear it Monday through Friday," said Don Wagoner, listener.

Wagoner listened to that broadcast Wednesday evening.

"Not too many media outlets would be able to tune in on issues and things of that nature," said Wagoner. "So that's why I'm grateful to WCVG to get the information to where the people are."

CVG may have some competition.

The Buzz WDBZ-AM 1230 is changing its format to gospel and limiting talk radio to four hours a day.

Hunter says the city could use a little musical inspiration, whether from the Baptist Convention, 1230, or WCVG.

"People need help and all we want to do at WCVG is provide the help," said Hunter.

The FCC still has to approve the sale of the station, but Hunter isn't anticipating any problems. She says it normally takes three to six months for deals like these to go through.



**Cincinnati now has two urban gospel radio stations. WDBZ The Buzz is changing its format from talk to gospel. And a local attorney is buying WCVG, a station that once featured Christian programming over the internet.**

## Bumpy road for radio staffers

*Radio news and traffic service hit with first round of job cuts*

*-Opinion from Robert Feder, Chicago Sun-Times, via Fred Vobbe*

The idiots who've ruined radio are up to their old tricks again.

This time around, the loss of jobs and destruction of localism has hit Metro Networks/Shadow Broadcast Services, thanks to sweeping cutbacks by parent company Westwood One.

In Chicago, at least five on-air staffers were cut in the first wave of layoffs meant to reduce the company's overall work force by 15 percent -- or 300 jobs.

Among Friday's casualties were news bureau chief Perry Williams, reporter/editor Tom Gaines (known on the air as Tom Kelly), and reporters Jill Urchak, Bill Souronis and Dan Levy. Most had been there a decade or more.

Westwood One bosses say they plan to consolidate Metro Networks' 60 operation centers into 13 regional hubs. Even as they plan to slash \$30 million from their annual budget, they're claiming service will improve.

"Though we regret the need to reduce staff, these initiatives will help ensure that Westwood One retains its industry leadership position," CEO Tom Beusse said in a statement.

What makes these job losses especially galling is that so many local radio stations rationalized the elimination of their own news operations in the first place by outsourcing those functions to bare bones Metro/Shadow.

Shame on all of them.

**Need more information about AM DX'ing?**

Mail a First-Class stamp to NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251 and ask for the NRC Publications Catalog.

# *Domestic DX Achievements*

**Paul Swearingen** plsBCBDXER@aol.com  
2840 SE Illinois Avenue  
Topeka, KS 66605-1427

Domestic DX totals listed periodically in different categories

<i>Name and location</i>	<i>Yr</i>	<i>Last Upd</i>	<i>TDH</i>	<i>SH</i>	<i>PH</i>	<i>TDT</i>	<i>ST</i>	<i>PT</i>	<i>DCV</i>	<i>DCT</i>	<i>DCH</i>
Geary, Kermit-e PA	1926	Jul-06	5939	50	10	2768	49	10	√	√	√
Krejny, Ed-nr Cleveland, OH	1950	Nov-96	3265	49	10	0	0	0	√		√
Winsor, Roger - Valparaiso, IN	1964	Aug-07	3154	50	10	0	0	0			√
Falconer, Jeff-Clinton, ON	1969	Jul-00	2799	49	10	0	0	0	√		√
Francis, Steve-nr Knoxville, TN	1970	Oct-07	2754	48	9	885	45	5	√	√	√
Pimper, Dennis-NE, UT	1939	Dec-06	2540	47	7	651	40	5			
Wesolowski, Ernie-Omaha, NE	1958	Jan-08	2474	49	9	0	0	0	√		√
Kureth, Joe-Uniontown, MD	1961	Jan-00	2162	46	10	0	0	0	√		√
Axelrod, Shawn M.-s MAN	1986	Feb-06	2149	50	10	0	0	0	√		√
Whatmough, Dave-Hamilton, ONT	1951	Jan-00	2061	49	10	0	0	0	√		√
Edmunds, R. J.-n NJ/e PA	1962	Sep-99	2001	47	9	806	41	8	√	√	√
Wilkins, John-Wheat Ridge, CO	1981	May-08	1958	41	6	970	40	6			
Fela, Joseph-cent. NJ	1961	Oct-78	1861	49	10	400	40	7	√	√	√
Chatterton, Ken-n NY	1945	Nov-78	1845	50	10	0	0	0	√		√
Forth, Karl-vic Chicago, IL	1970	Nov-78	1771	48	10	1077	48	10	√	√	√
Renfrew, Jim-Rochester, NY	1976	Oct-06	1709	47	10	68	35	8	√		√
Malicky, John-Pittsburgh, PA	1970	Jan-08	1633	42	6	1335	40	6	√	√	√
Bailey, Ron-Shelby, NC	1992	Aug-08	1583	37	6	0	0	0			√
Jeter, Karl-Atlanta, GA	1969	Mar-84	1574	44	6	0	0	0	√		√
Heinen, Wayne-CO	1975	Dec-07	1519	42	5	592	36	6			
Musco, Ron-nr Hartford, CT	1962	Jan-07	1400	47	9	108	28	3	√		√
Hayes, Harry J.-ne PA	1970	Jul-98	1354	41	9	641	39	9		√	√
Wilkins, John-W. DesMoines, IA	1962	Nov-06	1307	45	7	0	0	0	√		√
Arruda, Ray-nr Boston, MA	1963	Oct-06	1292	47	9	0	0	0	√		√
Wolfish, Niel-Toronto, ONT	1978	Feb-93	1285	43	10	402	39	6	√		√
Schmidt, Dave-se PA/n DE	1965	Nov-79	1250	48	8	400	40	4			
DeLorenzo, Marc-e MA	1962	Mar-07	1239	45	10	1	0	0			√
Onyschuk, Ken-Homewood, IL	1967	Aug-06	1064	43	6	0	0	0			√
Anderson, Roger-Arlington, MD	1938	Jan-06	1017	48	9	0	0	0	√		√
Foxworth, Robert-Long Island, NY	1957	Nov-78	1000	49	10	400	44	9	√	√	√
Harrison, Bob-ne NJ	1982	Jun-98	996	36	7	0	0	0	√		√
White, Thomas-Arlington, VA	1968	Jan-92	994	39	7	0	0	0	√		√
Truax, Dick- vic. Louisville, KY	1972	Dec-78	935	46	6	120	35	5		√	√
Sampson, John-Omaha, NE	1954	Dec-78	912	45	6	0	0	0	√		√
Hardison, Greg-Atlanta, GA	1964	Nov-78	900	36	6	0	0	0			
Taylor, Pete-Durham, NC	1952	Mar-00	891	40	6	0	0	0	√		√
Kureth, Joe-Southern Pines, NC	1963	Jun-71	878	38	7	0	0	0	√		√
Rigas, Christos-vic Chicago, IL	1981	Mar-98	862	46	7	0	0	0	√		√
Holland, George Jr., vic. Albany, NY	1931	Oct-06	828	49	9	0	0	0	√		√
Smolarek, Bob n NJ	1982	Jun-06	817	36	5	78	16	5			√
Wolfish, Niel-Winnipeg, MAN	1985	Feb-93	813	37	9	113	10	4			
Wallace, Jim-Columbus, OH	1969	Oct-78	795	41	7	0	0	0	√		√
Swearingen, Paul-e KS	1975	Dec-07	788	44	7	788	44	7		√	√
Bond, Jerry-Rochester, NY	1962	Oct-78	785	43	8	50	10	2			√
Crabill, Perry - VA	1990	Jan-06	779	35	3	0	0	0			√
Hardy, Nancy-coastal WA	1969	Dec-84	778	40	5	0	0	0			
Ponder, Stephen-Shreveport, LA	1975	Aug-89	769	39	5	10	4	4	√		√
Winkelman, Bruce-Tulsa, OK	1979	Nov-06	705	36	5	0	0	0			
Reed, John-Ponca City, OK	1995	Jan-06	656	40	6	0	0	0			
Edmunds, R. J.-Syracuse, NY	1964	Sep-99	533	45	9	0	0	0	√		√
Boersma, Philip-w MI	1973	Oct-78	520	41	6	0	0	0			
Mount, Paul-ne NJ	1973	Feb-86	489	36	7	199	26	5	√	√	√
Heinen, Wayne-NY	1964	Jan-06	480	44	9	30	14	0	√		√

Taylor, Pete-Tacoma, WA	1981	Mar-00	468	33	3	399	33	0		
Jones, David B. - Springfield, TN	1996	Apr-06	464	34	4	0	0	0		√
Taylor, Pete-San Francisco	1958	Mar-00	450	32	7	70	6	1		
Sampson, John-Winston-Salem, NC	1968	Oct-78	450	30	1	0	0	0		√
Tudenham, John-Joplin, MO	1990	Oct-97	444	36	5	0	0	0		
Mount, Paul-se OH	1978	Feb-86	390	36	3	60	25	1		√
Houdek, Gary-n KS	1975	Feb-06	374	37	4	0	0	0		
Alves, Paul H.-nr Boston, MA	1948	Feb-99	352	32	6	0	0	0	√	√
Sampson, John-Hutchinson, MN	1960	Oct-78	336	42	6	0	0	0		
Vervoort, John-Madisonville, KY	2004	Jun-07	303	32	2	0	0	0		√
Vervoort, John-Brooklyn, NY	2000	Nov-06	274	31	5	25	9	2	√	√
Turner, Rick-Bemidji, MN	2005	Jan-06	273	27	5	0	0	0		
Sampson, John-Cupertino, CA	1966	Oct-78	258	17	3	0	0	0		
Karchevski, Bob-San Francisco, CA	1969	Oct-78	249	36	5	197	35	5		
Hopkins, Eric - MA	2007	Feb-08	242	27	4	0	0	0		√
Taylor, Pete-Coral Gables, FL	1945	Mar-00	221	29	3	0	0	0	√	√
Sampson, John-New York, NY	1965	Dec-78	181	33	6	0	0	0	√	√
Edmunds, R. J.-ne ME	1994	Sep-99	172	20	6	0	0	0		
Vervoort, John-Murray, KY	2003	Jan-07	152	29	2	7	7	0		√
Vervoort, John-Bronx, NY	2003	Nov-06	144	22	5	0	0	0		√
Thompson, Blaine-Toledo, OH	2003	Feb-06	137	22	2	0	0	0		
DeLeurere, Harley-Hendricks, WV	1955	Oct-78	59	48	10	0	0	0	√	√

Legend: √ District of Columbia heard, taped, and/or veried  
 TDH, TDT, TDV Total Domestic Heard, Taped, Verified  
 SH, ST, SV States Heard, Taped, Verified  
 PH, PT, PV Provinces Heard, Taped, Verified

Thanks to Ron Bailey for his update for this column, which is arranged by Total Domestic Heard and then States Heard and finally Provinces Heard as the tiebreaker. We'll run various priorities at different times. Domestic of course include the contiguous 48 states and Canada; Alaska, Hawaii, Puerto Rico, etc., are counted as foreigners. We'll only delete listings of those who are no longer NRC members, so should you drop out and rejoin, you'll need to resubmit your totals. How about making it a priority for next time of filling in the blanks above, at least in the year started and last update column? Some of the listings are estimates, and that's just fine, but don't forget to update accurately when you can. Please join us -73.

## *International DX Achievements*

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### International DX verie/taped totals listed by continents

Yr	DX'er	loc	last up	SA	tot ver	ctries	forgn	NA	Eur	Af	As	Oc
1933	Geary, Kermit	PA	2001	291	6554	115	1106	571	152	28	2	62
1950	Krejny, Edward	OH	1996	126	2733	76	441	208	91	10	0	6
1938	Anderson, Roger A.	VA/NY/PA	2007	78	1448	105	514	227	128	28	5	48
1940	Morss, Stan	MA	1993	65	3922	84	424	218	221	14	3	1
1946	Moore, Ray	MA/FL	2005	52	253	107	252	95	59	24	7	11
1958	Merriman, Alan	VA	1994	47	1615	93	368	212	88	14	4	3
1958	Dangerfield, Ben	PA	2005	45	436	130	337	85	152	35	13	8
1986	Axelrod, Shawn	So Man	2008	38	2487	56	342	196	57	12	10	29
1962	Edmunds, R. J. (taped)	NJ	1998	37	897	43	56	50	14	0	1	0
1952	Schiller, Ron B.	NJ	1999	34	2103	86	254	136	72	8	3	1
1976	Froemming, Gary	AZ	2004	25	624	24	131	157	0	0	1	9
1957	Callarman, John	?	1970	20	740	50	138	72	17	3	6	20
1975	Swearingen, Paul (taped)	KS	2008	17	889	23	126	64	0	0	0	0
1976	Renfrew, Jim	NY	2003	10	540	56	91	59	19	1	1	0
1958	Phillips, Dan	TN/AL	1974	9	567	26	40	21	5	1	0	3
1958	Wesolowski, Ernie	NE	2007	6	1967	26	70	55	0	1	1	7
1965	Sampson, John	NJ	1965	6	445	54	72	23	38	3	1	1
1973	Sgrulletta, John	NY	2007	6	92	76	92	40	34	7	5	0

1962	Musco, Ron	CT	2003	5	1392	50	54	40	10	3	1	0
1931	Holland, George B., Jr.	NY	2006	5	885	22	58	46	5	0	1	2
1947	Luton, Relfe	NC	1973	4	1049	23	142	102	3	0	0	33
1964	Fela, Joseph	NJ	1965	4	738	24	35	19	11	1	0	0
1977	Wolfish, Niel	ON	1977	4	397	11	20	14	2	0	0	0
1992	Taylor, Pete	CA	1993	4	375	26	58	22	0	0	19	13
1965	Neff, James R.	NY	1971	4	30	29	87	70	10	1	1	1
1962	Edmunds, R. J. (paper)	NJ	1998	3	266	7	13	10	0	0	0	0
1966	Bruner, Jesse R.	KY	1966	3	132	23	27	17	5	0	0	2
1967	Floden, Eric	ONT	1970	3	93	16	65	61	0	0	0	0
1969	Falconer, Jeff	ON	2000	2	1091	22	20	14	2	0	0	2
1964	Heinen, Wayne	NY	2006	2	472	14	21	14	5	0	0	0
1973	Mount, Paul	NJ	1995	2	230	6	25	22	0	0	0	0
1959	Dabelstein, Carl	NE	1959	1	2310	40	207	25	1	0	0	3
1975	Heinen, Wayne	CO	2006	1	1582	14	115	109	0	0	2	3
1964	Whatmough, Dave	ON	1999	1	1014	13	15	6	3	6	0	0
1962	Davisson, Tim	OH	1962	1	474	11	38	21	0	0	0	0
1968	White, Thomas	VA	2005	1	255	12	12	11	0	0	1	0
1968	Bytheway, Phil	WA	1982	0	457	9	20	0	0	0	0	0
1969	Karchevski, Bob	MA/CA	1975	0	204	24	141	112	0	0	0	6
1965	Long, John	CT	1968	0	101	29	0	0	0	0	0	0
1964	Edmunds, R. J	NY	1999	0	76	3	1	1	0	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	0	23	2	0	0	0	0	0	0

This IDXA is tabulated by South America veries/tapes, with total veries as the tie-breaker. Although non-renewing members are routinely deleted from this list, if you've rejoined and don't see YOUR name in the listing above, send in your totals so we see YOU here next time!

Feel free to send in your updated totals in time for the next IDXA; you probably have a month or more. Remember, only taped or paper veries are counted, and mainland U. S. and Canadian catches should not be included in NA totals for either U. S. or Canadian DX'ers. Include your best catch from each continent and all other totals when reporting. And please update only from what you see above. Our next column will feature All Verie totals.

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

*It may not be perfect...*

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831, or [amradiolog@nrcdxas.org](mailto:amradiolog@nrcdxas.org). Thanks!

### **IRCA TIS/HAR List (Fall 2004)**

Mike Hardester has completed the most up-to-date list yet: 56 pages of top-notch information on current TIS/HAR stations in the AM Band. Prices: NRC/IRCA members: \$8.50; overseas, add \$3.00; non-NRC/IRCA members: add \$1.00. State club affiliation when you order. Send U. S. funds payable to Phil Bytheway to: IRCA Bookstore - 9705 Mary NW - Seattle, WA 9817-2334, or via PayPal to [fokker\\_d8@yahoo.com](mailto:fokker_d8@yahoo.com) (Phil Bytheway); add \$.50 for PayPal service charges.

### **IRCA Mexican Log, 12th Edition (Winter 2007)**

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

Prices: IRCA/NRC members - \$9.50; (US/Canada/Mexico/sea mail), \$12.00 (rest of the Americas/Europe airmail), \$12.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members - add \$2.00. Pay electronically with PayPal - add \$1 to the above price. Go to [www.PayPal.com](http://www.PayPal.com); then send your funds to [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com) (Phil Bytheway).

## National Radio Club

Founded in September, 1933, the National Radio Club is a non-profit organization devoted to the medium wave DX hobby. It is operated solely by uncompensated volunteers. Subscription costs cover printing, postage, and operational costs and are subject to change without prior notice. The opinions expressed in this magazine are those of the individual writer and do not necessarily reflect those of the Publisher or the Board of Directors of the National Radio Club, Inc. Any reproduction of material contained in *DX News/e-DXX* without permission of the National Radio Club or the author is prohibited. All published material in *DX News/e-DXX* may be reprinted by the National Radio Club at a later date. *DX News/e-DXX* published material reprinted in other publications should include an attribution naming the author and *DX News/e-DXX* as the original source. Construction projects described herein may be hazardous and are to be undertaken at the assembler's risk; the NRC, its officers, and author(s) will not be responsible for any injuries or losses arising during these projects. Tool usage and electricity can be dangerous.

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The National Radio Club includes NRC Publications, DX News, e-DXX, and DX Audio Service:

- **NRC Publications** - Wayne Heinen, Manager - P. O. Box 473251 - Aurora, CO 80047-3251 (**What to send: \$ for Publications/Reprint Orders, NRC Product Catalog [send 1st-class stamp].**)

- *DX News* Publisher/Editor - Paul Swearingen (plsBCBDXER@aol.com) - 2840 SE Illinois Ave. - Topeka, KS 66605-4711; 785-224-6907 [leave voice mail]. (**Contributions to DX News or DDXA/IDXA only; subscription payments and sample requests go to Wayne Heinen**).

Yearly Subscription (30 Issues) to *DX News*: (send checks/money orders to National Radio Club - P. O. Box 473251 - Aurora, CO 80047-3251) U. S. Address: U\$33.00; Canadian Address: U\$43.00; all other countries: U\$57.00.

- **DX Audio Service** - Fred Vobbe, Publisher/Producer - 706 Mackenzie Drive - Lima, OH 45805-1835, 360-382-1957 (**recordings for the Audio**

**Service; \$ for subscriptions; DXAS address changes**)

DX Audio Service Yearly Subscription (twelve 90-minute tapes, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First Class Mail subscription to DX Audio Service to USA, Canada addresses: U\$28.00; all other addresses: U\$40.00

- **e-DXX.com**: To subscribe: Access the e-DXX web site <<http://e-dxn.com>> and then follow the indicated links to register: +\$5.00 if you're a DXN or DXAS subscriber; \$15.00 to non-subscribers.

- Payment options for any item: U\$ funds onlyP check, money order, or credit card (via PayPal - access [www.nrcdxas.org](http://www.nrcdxas.org) ONLY and follow the links), or cash only at your risk.

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