

DXN News

• Serving DX'ers since 1933 •

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From the Publisher ... The “dog” days of summer are definitely here, and I salute all of you who are still in dogged pursuit of DXN and reporting to the appropriate columns.

Spooky DX ... From Glen Hauser, our man in Enid, OK: “The FCC has licensed some more experimental operations on the MW broadcast band. Digging deep into FCC info, I find Psyop mentioned in connexion with this, altho the licensee is the Multi-Spectral Laboratory in Ponca City of Oklahoma State University whose main field seems to be sensing. This is part of a 27 megadollar Navy contract, on behalf of the US Special Operations Command, Charleston SC. The authorization expires July 1, 2009.

“The consultant making the filings is Dr. Wayne G. Walker, who also happens to be CEO of Republic Aerospace Corp., Duncan OK.

“There are two locations: Chilocco, Oklahoma, which is right at the Kansas border north of Ponca City, on an abandoned water tower at an Indian school; and Flying H, New Mexico, which is in the back country SW of Roswell.

“Both mobile (suspect aeronautical) and fixed are authorized. The same callsign applies to both locations, WE2XFZ. Like last year’s tone tests from Virginia on 1610, 1020 and 590 kHz, each of these has three frequencies at the bottom, middle and top of the band, and ditto FM:

“Chilocco, OK: 540, 830, 1680 kHz, 92.3, 99.1, 107.5 MHz

“Flying H, NM: 530, 950, 1680 kHz, 88.3, 97.7, 107.3 MHz

“They are using a 2.5 and a 10 kW AM transmitter and 1 kW on FM, 5 kW ERP. They also mistakenly give ERPs for the MW frequencies.

“Tests will consist of 1 kHz tones or audio for 5-10 minutes. The equipment is capable of transmitting the callsign.

“Much more detail from my research into this appears in DX Listening Digests 7-082 and 7-084, under OKLAHOMA [and non]: <http://www.w4uvh.net/dxld7082.txt> <http://www.w4uvh.net/dxld7084.txt>. Of course, any successful monitoring of this will be of great interest.”

Medium Wave Circle 2006-7 CD ... The MWC has published a fourth CD, containing all 10 cop-

ies of MWN from Volume 52 (2006-7). In addition there is about

500MB worth of material of interest to the MW listener or DXer, including 177 recordings (mp3) of unique DX signals heard for the first time in the

UK/Ireland. For more information see <http://www.mwcircle.org/member-ordercd.htm#vol52>.

Unfilled positions ... We’re still in need of volunteers for the following positions, as described in detail in V73, #27, the June ‘06 DXN: A person proficient with phpBB to maintain the e-DXN site; one or more additional moderators for e-DXN; one or more persons to edit future NRC publications; one or more persons to scan or retype reprints currently in print; one or more persons to scan verie letters to be placed on the NRCDXAS web site; several persons to research and prepare a book in commemoration of the NRC’s 75th anniversary; a “DX Targets” editor; a technical column editor; someone to type e-mail reports for members who don’t have computers; finally, a DXN publisher, by June 2008, if you wish to see DXN and e-DXN continue.

DXN Publishing Schedule, Volume 74

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
30.	Sept. 7	Sept. 17			

DX Time Machine

From the Pages of DX News

50 years ago ... from the August 17, 1957 DXN: A letter from the Program Manager of WISK-1590 informed us that the reason their scheduled DX program for the morning of 3/11/57 was not heard was that they had a transmitter breakdown that wasn’t corrected until 0530.

25 years ago ... from the August 23, 1982 DXN: IDXA totals were listed by countries verified, Ray Crawford, NZ, leading with 167, followed by Al Slater, Sussex, England with 130; Ken Mackey, NZ, 123, and Ben Dangerfield, PA, 118. Also in the top ten was Roger Anderson, VA, with 105.

10 years ago: ... from the August 18, 1997 DXN: Al Merriman waxed nostalgic about his veries from England, including Britain Radio-345, Radio 270-1115, R. Caroline North and South, R. Veronica-1562, and Radio Nordsee Int’l-1367.



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>
660	WJRK	VA	Rural Retreat	WLOY
1110	WCEC	NH	Salem	WCCM
1310	KACE	MO	Birch Tree	KBSP
1330	KMIL	TX	Cameron	KTAE
1340	KBSP	CA	Bishop	KACE
1340	KTKX	OK	Sand Springs	KJMU
1440	WDXQ	GA	Cochran	WDCO
1450	NEW	NM	Ruidoso	KWES
[new station, not yet on the air; see Issue 27 for more details]				
1490	WESL	IL	East St. Louis	WFFX
1490	WCCM	MA	Haverhill	WCEC
1550	WXOL	OH	Delaware	WDLR
1600	WAMS	DE	Dover	WXXY

**Sportsradio
1590 WAKR**

CPs ON THE AIR

580	KMJ	CA	Fresno - Granted Special Temporary Authority (STA) to operate U1 5000/5000 from their old site 16 miles west of Fresno, as they have experienced damage to guy wires on the new U3 50000/50000 site east of town. It is expected that the work will be finished by the first week of September.
750	WNDZ	IN	Portage - CP for D3 15000/0 is on the air. They have added one tower to their array of two, changing their pattern from a kidney shape to a basic circle directed toward 323 degrees ("Hello, Chicago!")
750	KBNN	MO	Lebanon - Coordinate correction to N37-41-11 W92-41-35.
780	WCXH	ME	Monticello - CP to move here (from 710 kHz) with U1 5000/60 is on the air and has been reported as being heard.
970	KESP	CA	Modesto - Coordinate correction to N37-41-23 W120-57-12.
970	CFXE	AB	Edson - The new FM station slated to replace CFXE-970 in Edson has begun testing and will begin simulcasting shortly. The station, on 97.3 MHz, has an average ERP of 11 kW.
1070	KATQ	MT	Plentywood - CP for U1 5000/50 is on the air at the corrected coordinates of N48-46-01 W104-32-43. The application specified 49.5 Watts at night, but the FCC has rounded it up _ Watt!
1120	KEOR	OK	Catoosa - CP to move here (ex: 1110 at Atoka) is on the air with D3 2000/0 from two towers at N36-18-31 W95-58-25.
1190	WNWC	WI	Sun Prairie - CP for U7 4800/21 CH 4800 is on the air. U13 = Directional all hours using one pattern for days and CH and another pattern for nights. In reality the patterns are the same shape, just different in size.
1260	WSUA	FL	Miami - CP for U4 50000/20000 is on the air. The new butterfly-shaped day pattern has 'wings' at 040 and 108 degrees while the new night pattern shoots the signal toward the south-southeast. They added two towers to their former array of four.
1390	WMPO	OH	Middlesport-Pomeroy - Coordinate correction to N39-00-37 W82-03-58.
1420	WCRE	SC	Cheraw - Coordinate correction to N34-40-48 W79-53-58.
1490	KZZZ	AZ	Bullhead City - CP to move to the center tower of what was part of the former, three-tower, directional array for KLSQ-870 at N35-10-08 W114-38-16 is on the air. KZZZ continues as U1 1000/1000.
1490	WTUP	MS	Tupelo - Coordinate correction to N34-15-18 W88-41-23.
1690	CHTO	ON	Toronto - New station has been heard testing.

ACTIONS

540	NEW	MN	Sauk Rapids - CP granted for U4 250/250 at N45-36-18 W94-08-21. The day pattern directs a lobe due east with a smaller lobe due west, while the
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night pattern shoots all of the signal to the south-southwest.

- 550 WAME NC Statesville - **Application granted for an STA to go silent.**
- 560 CHVO NF Carbonear - **The CRTC has granted the application to build an FM station on 99.5 MHz with 14 kW, and eventually replace CHVO-560.**
- 580 CKXR BC Salmon Arm - **Update from Issue 24 - Standard Radio Inc. has applied to the CRTC to add transmitters of Salmon Arm's CKXR-FM 91.5 MHz at Enderby on 104.3 MHz with an ERP of 210 Watts and Sicamous on 102.1 MHz with an ERP of 200 Watts. The Commission previously authorized an extension of time to shut down the old CKXR-AM transmitter to February 27, 2008 because the new FM signal was not suitably reaching these communities.**
- 590 WKZO MI Kalamazoo - **Coordinate correction to N42-20-55 W85-33-48.**
- 620 KMNS IA Sioux City - **Coordinate correction to N42-22-25 W96-26-53.**
- 800 WPEL PA Montrose - **CP granted to move here from 1250 kHz and add nighttime operation as U1 1000/135.**
- 800 WDSC SC Dillon - **Coordinate correction to N34-22-08 W79-24-17.**
- 900 WGOK AL Mobile - **Coordinate correction to N30-42-31 W88-03-53.**
- 1060 WKMQ MS Tupelo - **Coordinate correction to N34-15-18 W88-41-23.**
- 1080 WOAP MI Owosso - **Application granted for an STA to suspend broadcast operations, owing to the licensee's financial difficulties. WOAP temporarily ceased operations as of sundown on July 20, 2007.**
- 1130 KRUD HI Honolulu - **New station, not yet on the air, has a CP for U1 500/500 and applied for U1 330/330, which has been granted.**
- 1140 CBI NS Sydney - **The CRTC has granted the application of the CBC to construct an FM station on 97.1 MHz with 64.1 kW with the intent to replace CBI-1140 once the station is built. It will continue CBC Radio One service to the Sydney area. While they simulcast with the FM for the usual 3-month period, 1140 will become CBIT.**
- 1180 KELE OH Ripley - **CP granted to move here (ex: 1360 in Mountain Grove, Missouri!) with D1 1000/0 CH 1000 using a folded dipole antenna on the tower of WAOL-FM at N38-38-55 W84-00-42. That antenna site is in Kentucky, approximately 11 miles southwest of Ripley.**
- 1210 WANB PA Waynesburg - **CP granted to move here from 1580 kHz with D1 5000/0 CH 710.**
- 1220 KZEE TX Weatherford - **CP granted to add a tower to their single stick and upgrade to U4 16000/200. Both patterns, although different size and shape, are directed to the northeast.**
- 1230 WNUZ AL Talladega - **STA granted to go silent as the station is, quoting from the application "... expererincing technical difficulties with its transmitter. We hereby request 90 days in order to assess the problems and effectucate repairs." Well, at least they tried.**
- 1240 WOON RI Woonsocket - **CP granted to license the present STA as permanent. In 2002 WOON was granted the STA to relocate to the transmitter site of WNRI-1380 as their site was being developed by the city and their tower had to be removed. WOON's licensed facilities remain U1 1000/1000, but now at N42-00-58 W71-29-30.**
- 1320 WJAS PA Pittsburgh - **CP granted for U4 7000/3300 from a new three-tower site (3-day/2-night) at N40-28-46 W79-54-12. Because they gained 2000 Watts of daytime power, they were required to go directional so as not to interfere with WLOH in Lancaster, Ohio and WDBL in Oberlin, Ohio on 1320, WBFD in Bedford, Pennsylvania and WDPN in Alliance, Ohio on 1310, and WGFT in Campbell, Ohio and WBHV in Somerset, Pennsylvania on 1330 kHz. The new day pattern sends equal lobes toward 050 and 175 degrees. The night pattern remains the same, only smaller as they reduced power by 1700 Watts, with lobes toward 145, 252 and 352 degrees.**
- 1330 WEBO NY Owego - **CP granted for U1 3500/36 at a new transmitter location at N42-05-33 W76-15-24. WEBO is currently operating under an STA with U1 1000/50 from a long wire antenna.**
- 1360 KDJW TX Amarillo - **CP granted for U4 6000/320 from five new towers (5-day/3-night) at N35-14-31 W101-47-01.**
- 1360 WMOV WV Ravenswood - **CP granted to increase their power to become D1 5000/0.**
- 1420 KUJ WA Finley - **CP granted for U1 10000/650, moving to the tower of KFLD-870 at**

N46-13-41 W119-07-32, along with a change in City-of-License (CoL) from Walla Walla,

- 1430 WNSW NJ Newark - CP granted to increase their power levels to become U4 10000/7000. Both day and the new night patterns are directed to the southeast.
- 1450 KSKE CO Buena Vista - Coordinate correction to N38-49-07 W106-09-34.
- 1460 KARR WA Kirkland - Coordinate correction to N47-40-23 W122-10-08. Also, they have been granted an extension of their STA to remain silent.
- 1480 WSRC NC Fair Bluff - CP granted for U1 10000/48.
- 1510 WBSG PR San German - CP granted to move here from Lajas with U4 1000/1000.
- 1550 KWBC TX College Station - CP granted to here from Navasota with U5 1400/24 at N30-37-54 W96-21-28.
- 1570 KMUR OK Catoosa - CP granted to change from D3 1000/0 to D1 1000/0, moving from Pryor, Oklahoma.

AMENDMENTS TO CONSTRUCTION PERMITS

- 980 WHAW WV Weston - Licensed for U1 1000/50, WHAW has a CP for U1 25000/50. This amendment proposes U1 25000/49 from a different tower site.
- 1120 WXJO GA Gordon - Licensed for D1 10000/0 CH 5000, WXJO has a CP for D3 10000/0 moving to Smyrna, Georgia. Now they have requested D1 1000/0 changing their CoL to Douglasville.
- 1340 KQJZ MT Kalispell - New station, not yet on the air, has a CP for U1 1000/670. This amendment requests to change the CoL to Evergreen, Montana.

APPLICATIONS

- 800 WPLK FL Palatka - Applies to move to Bunnell, Florida with U1 700/330 CH 700.
- 800 WSVS VA Crewe - Applies to double their daytime power to be U1 10000/275.
- 1030 WNVR IL Vernon Hills - Applies to double their daytime power as U7 10000/120 CH 3200.
- 1130 KTMR TX Edna - Applies to move to Converse, Texas with D4 4000/0 CH 4000.
- 1220 WGNV NY Newburgh - WGNV has a CP for U4 5000/180 from a new transmitter site. This application is for an STA to operate from the new site with U1 1250/45 while doing limited initial testing.
- 1450 KOBO CA Yuba City - Having been turned down for U1 1000/1000, KOBO now applies for U1 160/500 moving to one of the KUBA-1600 towers.
- 1490 WLRT VA Hampton - WLRT proposes to replace its existing tower at the base of its present structure with a slightly taller tower, lowering its power levels to become U1 970/970.
- 1490 WDEP PR Ponce - Applies for U1 5000/1400.
- 1510 WJKN MI Jackson - Applies for an STA to go silent. From their application: "On June 1, 2007, WJKN began experiencing technical difficulties with its transmitter and went silent. While the necessary steps are being taken to correct the aforementioned difficulties, an STA is being requested, out of an excess of caution, to give the licensee time to correct these issues."
- 1590 WABV SC Abbeville - Applies for an STA of D1 250/0 for six months as the application states: "Due to Equipment Failure, WABV is now operating at 250 Watts. At this power output, the station's operation falls completely within the protected contour of its licensed operation. The tower and transmission facilities have not been moved or altered. The licensee is working diligently to make repairs as time and funds permit. To allow sufficient time for repairs, WABV requests a six month STA, as our chief engineer only works with us on a part time basis." Although licensed for U1 1000/27, no mention is made of nighttime operation under the STA.

AMENDMENTS TO APPLICATIONS

- 920 WMOK IL Metropolis - Licensed for U1 1000/73, WMOK applied for U2 1000/750 by adding 3 towers to their single stick. This amendment requests the same U2 1000/750, but they propose building 4 new towers at a second site, thus becoming a two-site operation.
- 970 KHVN TX Fort Worth - Licensed for U1 1000/270, KHVN applied to move their CoL to Bedford, Texas with U1 600/245. This amendment requests U1 400/215 at Bedford.

- 1120 KJSA TX **Mineral Wells** - Licensed for D1 250/0, KJSA applied to move to 1110 kHz with D4 20000/0 CH 2000. This amendment strikes the CH portion of the application.
- 1490 NEW NV **Spring Creek** - Upgrades its 'new' application to U1 1000/1000.

APPLICATIONS FOR RECONSIDERATION

- 1170 WWLE NY **Cornwall** - Application to move to 1150 kHz with U4 2500/500.
- 1470 WLQR OH **Toledo** - Licensed for U4 1000/1000, WLQR applied to change their CoL to Walbridge, Ohio with U4 1000/750 which was denied. This amendment requests U4 1000/700 at Walbridge.
- 1590 WABV SC **Abbeville** - Application to move to Whitney, Nevada (!) on 1370 with D3 14000/0.

APPLICATIONS FOR NEW STATIONS

- 1350 NEW PA **Geistown** - Applies for U4 1500/890. Geistown is southeast of Johnstown.
- 1360 NEW GA **Lithonia** - Applies for U4 2400/1300.
- 1480 NEW TX **Wink** - Applies for U2 1000/250. Wink is northwest of Monahans.
- 1560 NEW WY **Mills** - Applies for U2 10000/500 CH 10000. Mills is just west of Casper.

APPLICATIONS DISMISSED

- 570 WMAM WI **Neenah** - Application for reconsideration for U1 197/78. See Issue 27 for more information.
- 640 WWJZ NJ **Mount Holly** - Application for U4 50000/25000 and a change in CoL to Horsham Township. WWJZ remain U4 50000/950.
- 1340 NEW MA **Westfield** - Application for U1 1000/880.
- 1490 KEUN LA **Eunice** - Application to move to Pineville dismissed at the applicant's request.

LICENSE RENEWALS GRANTED

- | | | | | | | | |
|-----|------|----|-------------|------|------|----|-----------------|
| 610 | WGIR | NH | Manchester | 1130 | WISN | WI | Milwaukee |
| 640 | KFI | CA | Los Angeles | 1140 | KSFN | NV | North Las Vegas |
| 810 | WGY | NY | Schenectady | 1330 | KOVE | WY | Lander |
| 950 | KJR | WA | Seattle | 1430 | KYKN | OR | Keizer |
| 960 | KQKE | CA | Oakland | 1510 | WAUK | WI | Waukesha |

OTHER STUFF

- 580 CKPR ON **Thunder Bay** - An announcement was heard saying that programming on the AM would cease August 3 (they began simulcasting some time ago). This is the last (and was the first) AM station in Thunder Bay, and has been owned by the Dougall company since they went on the air in 1931. Prior to 1931 the station was located in Midland.
- 960 KMA IA **Shenandoah** - Operating with an STA for U1 1250/1250 after its center tower (of three) came tumbling down, word on the Web indicates the new tower is up and testing should begin shortly. So they should be back to their U2 5000/5000 facilities shortly with the nighttime pattern favoring the north-northeast.

HEAR AND THAR

☐ Stations reported OFF: WAME-550 Statesville, North Carolina; KIPA-620 Hilo, Hawaii; WCSZ-1070 Sans Souci, South Carolina; WALD-1080 Walterboro, South Carolina; WJKN-1510 Jackson, Michigan; and WXYM-1600 Saltville, Virginia.

☐ Stations reported BACK ON: WLOY-660 Rural Retreat, Virginia with CCR; KNNZ-940 Cedar City, Utah; KYRO-1280 Potosi, Missouri; KUPA-1370 Pearl City, Hawaii with sports; KPTO-1440 Pocatello, Idaho; and WJTI-1460 Racine, Wisconsin (but only as a daytimer at this point, as the new night facilities have some work to be completed).

☐ FINES: WLOY-660 Rural Retreat, Virginia has been fined \$18,000 for failure to maintain operational EAS equipment, and other matters; WKFL-1170 Bushnell, Florida has been fined \$5,000 for failure to notify the FCC and submit a written request to go silent for more than 30 days; WKIQ-1240 Eustis, Florida has been fined \$20,000 for failing to maintain a staff at their main studio during normal business hours, and other matters.

☐ Thanks to Shawn Axelrod, Bill Dvorak, Wayne Heinen, Deane McIntyre, and Ernie Wesolowski.

GRAVEYARD DX UPDATE

+ record held by a DXer in USA/Canada where a Canadian/USA record exceeds that mileage

					<u>Miles</u>
1230 kHz:					
KEXO	CO	Grand Junction	Wayne Heinen	Aurora, CO	+ 207
KBCR	CO	Steamboat Springs	Wayne Heinen	Aurora, CO	+ 124
KRXK	ID	Rexburg	Wayne Heinen	Aurora, CO	+ 463
KLAV	NV	Las Vegas	Wayne Heinen	Aurora, CO	+ 613
KADA	OK	Ada	Wayne Heinen	Aurora, CO	+ 558
1240 kHz:					
KDLR	ND	Devils Lake	Wayne Heinen	Aurora, CO	(Tie) 655
KFBC	WY	Cheyenne	Wayne Heinen	Aurora, CO	+ 102
1400 kHz:					
KDTA	CO	Delta	Wayne Heinen	Aurora, CO	+ 188
KENT	UT	Parowan	Wayne Heinen	Aurora, CO	458
1450 kHz:					
KBFS	SD	Belle Fourche	Wayne Heinen	Aurora, CO	+ 350
KEYY	UT	Provo	Wayne Heinen	Aurora, CO	+ 368
KBBS	WY	Buffalo	Wayne Heinen	Aurora, CO	+ 328
1490 kHz:					
KCFC	CO	Boulder	Wayne Heinen	Aurora, CO	+ 38
KUGR	WY	Green River	Wayne Heinen	Aurora, CO	+ 277
KGOS	WY	Torrington	Wayne Heinen	Aurora, CO	+ 170

Professional Sports

Networks

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Network listings for team sports stations

As I write this column on August 2, I have been doing the first Internet searches for National Football League network, flagship, and announcer information. I made a handful of searches, and most of the web pages I found contain either last year's information or undated information (where I cannot tell if the information is for the 2007 season). I assume that in the few weeks it takes for this column to reach the *DX News* subscribers, updated information will be available online. Please send me any URLs you find. I need the URLs instead of the network lists, as 1) I need to check for any "do not reproduce" warnings, and 2) I can extract the network lists from the URLs without having to re-key it (in most cases). If you have a pocket guide that contains a network list, you can transcribe the list and send it to me via e-mail (or send the guide via USPS). I know that a pocket guide will not contain a "do not reproduce" warning.

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 98117-2334, or via PayPal to fokker_d8@yahoo.com (Phil Bytheway); add \$.50 for PayPal service charges.

IRCA Slogans List (2006-2007)

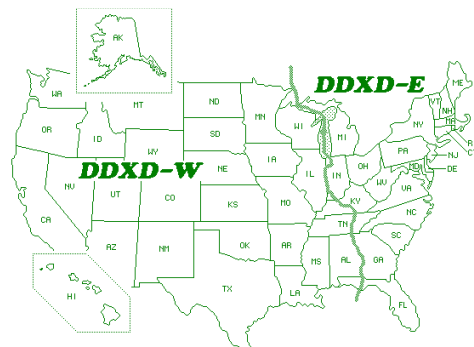
This new edition includes radio slogans from the U. S., Canada, and Mexico (over 3900), organized by frequency and then by location within each frequency. Prices: NRC/IRCA members: \$6.00 (U.S./Canada/Mexico/seamail), \$8.00 (rest of Americas/Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members: add \$1.50. **State club affiliation when you order.** To order, send your funds to:

IRCA Bookstore - 9705 Mary Ave NW - Seattle WA 98117-2334. Please make checks out to Phil Bytheway (funds not made out to Phil Bytheway will be returned) or use PayPal to: fokker_d8@yahoo.com; add \$.50 for PayPal service charges.

Domestic DX Digest

West: Bill Dvorak westlogs@aol.com (Division line
3358 Ridgeway Ave. - Madison, WI 53704-4327 is between East
and Central time
zones)

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



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

DDXD-West

FROM THE VAST WESTLAND

- ▲ From the "I'm Not Complaining" department: the new IBOC rules, first announced by the FCC on 3/22, have still not been published in the Federal Register. Among other things, this means that the NRC convention will come and go without the presence of nighttime IBOC.
- ▲ A hearty welcome to a familiar name in DX circles, **Dan Sheedy** of Encinitas CA, who checks in with some loggings this month. We are glad to have you aboard, Dan, and look forward to your future contributions to DDXD-West!
- ▲ Remember back in DDXD-West #73-25 when your Faithful Editor practically crowed about recent **Vast Westland** expansion? The occasion was the time switch of eight Indiana counties from the Eastern Time Zone to the Central, which occurred on April 2, 2006. Well, a fact that has come to my attention has forced your Editor to eat a big slice of humble pie. When Daylight Savings Time for 2007 started back on March 11, Pulaski County rejoined the Eastern Time Zone, after less than one year in the Central! Approximately 433 square miles and 13,755 people moved back to the other side! The worst part of this change: the DX-famous unincorporated village of Radioville is located in Pulaski County! A dark day in **Vast Westland** history, indeed!
- ▲ A reminder-- there is still time (although not much) to make plans to attend the 14th annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts. For more information, send me an e-mail. Hope to see you in Madison on August 18!
- ▲ Despite the fact that the weather is hot and the next *DX News* is five weeks off, gear-up time for the 2007-8 DX season is fast approaching. In fact, the month of September has *three* deadlines for contributions to DDXD-W: #74-30 9/6, #75-1 9/20 and #75-2 9/27. Volume 74 is near completion, and the NRC is about to begin its 75th year! Out with the old and in with the new! **73 Bill**

Reporters

- DB-IA** **Doug Beard** KF0VF, **Springville**. Wife's 1969 Motorola portable.
- DP-HI** **Dale Park**, **Honolulu**. Sangean ATS-818CS, Terk AM1000 loop.
- DP-HI*** **Dale Park**, **DXing in East Honolulu**. Honda car radio.
- DS-CA** **Dan Sheedy**, **Encinitas**. Grundig G-5 or R75 and Par EF 10-20-40m dipole at 25-35 feet.
- GH-IL** **Greg Harris**, **Park Forest**. Icom R75 / Quantum Loop or Panasonic receiver vintage 1969 / internal antenna.
- JEL-MO*** **J. E. Lewis**, **DXing between Lamar and Joplin**. Honda Odyssey car radio.
- JW-CO** **John Wilkins**, **Wheat Ridge**. Drake R-8, 4-foot box loop.
- KO-IL** **Ken Onyschuk**, **Lockport**. Station news.
- MLP-NE** **Mike Plumb**, **Papillion**. Ten-Tec RX-350D, MFJ 784B tunable DSP filter, Winchester SM-1 loop.
- NK-IL** **Neil Kazaross**, **Barrington**. Drake R8A, phased BOG System at 271 degrees.
- PG-CO** **Patrick Griffith**, **Westminster**. Station news.
- RA-CA1** **René Auvray**, **DXing in Halloran Springs**. 2005 Dodge Neon car radio.
- RA-CA2** **René Auvray**, **DXing in West Covina**. 2005 Dodge Neon car radio.
- RA-NV** **René Auvray**, **Henderson**. Grundig Yacht Boy 400 PE or 2005 Dodge Neon car radio.
- RA-NV1** **René Auvray**, **DXing in Primm**. 2005 Dodge Neon car radio.
- WH-CO** **Wayne Heinen**, **Aurora**. Drake R8B, N/S Flag, E/W Flag, Modified 4 foot NRC Altazimuth loop, 15 foot vertical whip, Dual TG-1 Termination Gizmo w/2 BUF-F amplifiers, Mini-DXP5, DX Engineering RPA-1.
- Ed.-WI** **Your editor**, **Madison**. Drake R8B, Quantum QX Pro loop.

Station News

- 580 CKPR ON Thunder Bay**. 7/30 2355. Fair in WMT IBOC null with "CKPR 91.5." Last time I'll hear them unless I get lucky tonight (8/2). Site says the AM will die

8/3 at 0930. A shame. **(DB-IA)** (A shame indeed! We have already lost two other Canadian stations on 580 that were DXer favorites: CKAP and CKY. **Ed.-WI)**

- 600 WMT IA **Cedar Rapids. 8/1.** Has been running IBOC at night for over a week. Also is emitting splatter out to at least 700 KHz and at times up to 900 KHz; sounds like negative-going overmod. Engineering Department hasn't returned my call, hi. **(DB-IA)**
- 620 WTMJ WI **Milwaukee.** An e-mail from Milwaukee-area NRCer **Ray Totzke** on 7/19 revealed that this station's IBOC has been down lately. A check of the Milwaukee online radio forum www.brewcityradio.com explained much about this situation (the forum is a cozy little group, among whose contributors are both IBOC cheerleaders and bashers). IBOC was first noticed off in late June. WTMJ's downtime appears to be for an IBOC firmware upgrade for their Harris transmitters. From my understanding, firmware is neither software nor hardware, but may be thought of as software imbedded on hardware. Thus to make the correction, the exciter (hardware) must be sent in to Harris, and the usual downtime is about a month (an explanation also on why other IBOC stations have experienced downtimes of a few weeks at a time). The Harris upgrade has been successful in other cases, and the station has no plans to dump IBOC. In the meantime, Ray is enjoying (while it lasts) listening to WMFN 640 from across the pond in Zeeland MI. That includes the day of this column's deadline, 8/3, as WTMJ's IBOC remains off. See also 1640 WKSH below. **(Ed.-WI)**
- 800 WHOS AL **Decatur.** Adds Fox Sports Radio 6/25 per network news release. **(DP-HI)**
- 950 KTNN MN **Saint Louis Park.** Adds WOR Network's "The Pet Show with Warren Eckstein" per program 7/21. **(DP-HI)**
- 960 KMA IA **Shenandoah.** In DDxD-W #74-27, we ran an item regarding this station's middle tower in its three-tower array. **Ernie Wesolowski** had reported then that the deteriorating 48-year-old tower was taken down on 5/31, and the station would be using an STA for 1250 watts non-directional for nighttime operation while the new tower was constructed. During a recent phone call, Ernie told me that he visited the station on 7/12. The new tower is up but engineering issues remain, and the station did not expect to be ready to begin nighttime directional broadcasting again until around 8/1. In the meantime, the STA remains in effect (and the DX opportunity remains intact). As of this column's deadline of 8/3, I can neither confirm nor deny that these operations have begun. **(Ed.-WI)**
- 1230 WBHP AL **Huntsville.** Adds Fox Sports Radio 6/25 per network news release. **(DP-HI)**
- 1340 WSBM AL **Florence.** Adds Fox Sports Radio 6/16 per network news release. **(DP-HI)**
- 1370 KUPA HI **Pearl City.** Noted testing on 7/12 at 1420 with smooth jazz, then off at 1426. Later noted on 7/14 at 2047, seemingly on regular schedule with a mix of adult alternative, smooth jazz and "light music." Played the same songs over and over, thought apparently not on a loop but shuffled randomly, by Peter Gabriel and Kate Bush, Sarah Brightman, Paul Simon, Van Morrison, Leonard Cohen, Harry Nilsson, etc. Finally an ID at 2352 "Coming soon, KUPA 13-70 AM, Pearl City, Hawaii." Still testing upon recheck 7/26 and 7/28. Then on 7/29 at 0307 noted airing Fox Sports Radio, IDs as "KUPA AM 13-70 Pearl City." **(DP-HI)**
- 1420 KKEA HI **Honolulu.** Adds Premiere Radio's "Costas On The Radio" 7/1 per monitoring, airing Sunday nights at 7:06 to 9:00 PM local. **(DP-HI)**
- 1450 WRLL IL **Cicero.** During weekday mornings from 6 AM to noon Central, 1450 WRLL simulcasts WVON 1690. ToH ID is "This is WVON Berwyn/Chicago and WRLL Cicero/Chicago." I've noticed the 1690 signal is 5 seconds delayed. **(KO-IL)** (No doubt because WVON is broadcasting in IBOC and WRLL is not. **Ed.-WI)**
- 1460 KHRA HI **Honolulu. 7/17 0600.** Finally heard formal ID sequence: the sound of waves, brief jingle in Korean, ID in Korean, 3+1 time pips, EE ID "This is KHRA 14-60 AM, Honolulu, Hawaii." **(DP-HI)**
- 1460 WJTI WI **Racine.** As **Bill Hale** is reporting in this month's AMS, this station with its new facilities is back on air, ex-silent. The format is SS music, using the slogan La

Nuevo Ritmo. I talked to **Al Hajny**, the engineer who worked on this station, and he tells me that day facilities are complete, but that completion of night facilities, diplexed into the WNOV 860 tower, are several weeks off. Because the station cannot be given a Program Test Authority until these facilities are complete, the station applied for a Special Temporary Authority (STA) to use their daytime site at night, with a power of 49 watts. The STA was granted. Thus in a rather unorthodox way WJTI could begin regular schedule. **(Ed.-WI)**

- 1490 WFFX IL **East Saint Louis.** New calls, ex-WESL. Per *Saint Louis American*, station dropped its full-service African-American format (known as "14-90 Soul Classics") 7/9 and switched to Fox Sports Radio, re-branding as "14-90 Fox Sports." Station carries FSR all day except for Jim Rome at 1100-1400 and local sports at 0800-1000 and 1900-2000 weekdays. Station is also the new home for the Gateway Grizzlies baseball team; both Rome and the Grizzlies come over from sister station KSLG-1380, which carries ESPN Radio. **(DP-HI)**
- 1510 KCKK CO **Littleton.** An Asset Purchase Agreement was signed on 7/27 for the sale of KCKK to Mile High Sports. Format change occurred the morning of 7/30. Station noted at 10:00 AM local time IDing as Mile High Sports Radio with dual ID for KCKK Littleton-Denver and KSXT Loveland. Programming is syndicated Sporting News Radio. A memo from the management of outgoing owner NRC Broadcasting indicates this will be a local management agreement operating from the studios at NRC until FCC approval of the sale. **(PG-CO)**
- 1560 WMBH MO **Joplin.** 7/28. Noted off air on this date, but on air on 7/31 with UC format, while driving between Lamar and Joplin MO. **(JEL-MO*) (John Tudenham** has documented the on-again, off-again woes of this station. See DDXD-W #74-12 for a good narrative of some of the station's problems. **Ed.-WI)**
- 1570 KUAU HI **Haiku.** I spoke to someone at now-silent KUAU, owned by King's Cathedral, on 7/25. The spokesman said the station went off 7/1 so that the transmitter could be moved to Kihei, hopefully by next July. He pointed out that the shutdown was approved by the FCC. I once visited the transmitter site; it's in the back yard of the original owner's house and uses an amateur radio antenna; the previous owner serves as the chief engineer. (Incidentally, the tower shared by KNUI-900 and KAOI-1110 is north of Kihei.) **(DP-HI)**
- 1640 WKSH WI **Sussex.** While researching the WTMJ IBOC situation on brewcityradio.com (see above), I discovered that a second Milwaukee area station, WKSH, had also turned off its IBOC, also in late June. Unlike the case of WTMJ, the reasons were not as clear. Various explanations were transmitter problems, antenna problems and "IBOC implementation" problems. Also not clear: if this situation is permanent and if not, how long it will be off (it remains off on this column's deadline of 8/3). So, two of the five Milwaukee IBOC stations are down (the other three: WOKY 920, WISN 1130, WJYI 1340). **(Ed.-WI)**
- 1690 WVON IL **Berwyn.** Carries some of the Chicago Sky WNBA games. It's been ten months already since WVON moved to 1690, but no noticeable gain in listeners yet, to their disappointment. **(KO-IL)**

DX Tests

- 1550 KXTO+ NV **Reno. 7/14 0557-0602.** DX Test at full power with SS inspirational vocals, ToH ID:"KXTO Reno-Sparks-Carson City" and Morse "VVV VVVVV DE KXTO." Morse cut nicely through the grunge on 1550. **(DS-CA)**
- 1550 KXTO+ NV **Reno. 7/14 0600.** Gal with Spanish ID "KXTO Reno Nevada... atra vez de la Voz Cristiana Quince Cincuenta". Also heard one Morse Code ID. Generally poor, with KSFT and KZRK dominating 1550. A new one here, NV #23. Also heard the next day with a voice ID and high-pitched tones. **(JW-CO)**
- 1550 KXTO+ NV **Reno. 7/14 0601.** Finally went over my tapes and was able to discern a brief KXTO in Morse code just under KSFT with news. This was after many taping sessions over a number of days. This was the full power test. Thanks to outgoing Broadcast Test Coordinator **Les Rayburn** and the station. This was new and taped. **(WH-CO)**
- 1550 KXTO- NV **Reno. 7/14-15 0400-0700.** Tried for the DX test the two days that it ran at its daytime power of 2500 watts ND (it was also run from 7/1 to 7/13, but at 94

watts ND). According to station management, the test was to run near ToH each hour from 0400 to 0700, the last of which I had no chance for since local daytimer WTUX signed on at 0630. Not a trace of the test was heard during the six remaining opportunities, with CBE dominating. An unID SS was heard a couple of times, but no test material was heard from it, and I don't believe it was this station. **(Ed.-WI)**

Presumed, Tentative, UnID

- 620 UNID 7/22 0445-0451. With KIPA 620 HI on one of its periods of dead air, three stations noted, one with talk, one with Mexican music. **(DP-HI*)**
- 1570 UNID 7/20 0233. SS woman hosting a phone-in show. KCVR CA or KTGE CA? KUAU HI temporarily silent. Very poor. **(DP-HI*)**
- Regular DX Loggings (times in ELT)
- 540 CBK SK Regina. 7/22 0454. "Kaleidoscope" program. Poor; over then under 2AP Samoa, QRM from KMVI 550. **(DP-HI*)**
- 560 KSFO CA San Francisco. 7/22 0449. "Coast to Coast AM" with substitute host Ian Punnett with ex-intelligence officers, half-second ahead of KQNG-570. Loudest in a long time. Good; lightning QRN. **(DP-HI*)**
- 590 WJMS MI Ironwood. 7/22 0026. "Real Country (missed) WJMS" by a male announcer. Good signal in WKZO null. **(GH-IL)**
- 610 KAVL CA Lancaster. 7/1 2357. Fighting through QRM. "Fox Sports Authority." **(RA-NV1)**
- 630 KIDD CA Monterey. 7/22 0452. Usual big band music. Fair; possible KSLR TX underneath with Christian talk. Lightning QRN. **(DP-HI*)**
- 630 CFCO ON Chatham. 7/30 0632. "CFCO Newstime 6:32" by a male announcer. Fair with QRM from KJSL. **(GH-IL)**
- 660 WBHR MN Sauk Rapids. 8/1 2256. Fair, alone with slogan "the Bear" and Cubs baseball. Not new, but unusual. On day power? **(DB-IA)**
- 680 WCTT KY Corbin. 7/6 0200. "The Great 68 WCTT" and oldies music. Fair signal but very unsteady. **(GH-IL)**
- 790 KABC CA Los Angeles. 7/2 0100-0105. ABC news followed by talk show host Al Rantel doing a commercial. QRM but signal improving. **(RA-NV)**
- 830 KFLT AZ Tucson. 7/2 0820. Religious programming. Reception out, then suddenly back. **(RA-NV)**
- 860 KMVP AZ Phoenix. 7/15 0550-0601. Poor to fair, at times good, sometimes QRMed by XEMO with CJBC faded out by now. Running a continuous loop telling listeners to set their radio to 620 KTAR for sports. Certainly makes this easy to ID. One quick "KMVP Phoenix" ID at 0600:45. **(NK-IL)**
- 980 KFVB CA Los Angeles. 7/2 0853. Weather read by Dr. Joe Sobel. Came up, then suddenly out. **(RA-NV)**
- 1080 KRLD TX Dallas. 7/2 0007. Mentioning TV 11 local news. Fighting through QRM, then faded out. **(RA-NV)**
- 1110 KDIS CA Pasadena. 7/2 0837. Local Radio Disney L.A. ID into music. Fair. **(RA-NV)**
- 1210 WJNL MI Kingsley. 8/1 2115+. Was driving in Joliet doing a pizza delivery, and I tried for the Cubs-Phillies game on 1210 WPHT. I heard this talk program, signal well over WPHT. After 2145 it was really strong, and later I heard ads for a shopping show "on WJNL" with Michigan cities named. Gee, LSS here in August is 2045. Signal heard on drive home at 2215. Radio-Locator.com says WJNL is licensed for 50kw days, 2500w during critical hours. Yet it was heard past their legal sunset. Or have they gotten surprise night power I never saw in AM Switch? **(KO-IL)** (No, they have a series of applications to change their CoL to Garfield Township MI, but if approved they would remain a daytimer. Possibly they have a new PSSA? My best guess is that they inadvertently left their switch on at night, quite possibly at 50 kw from the signal strength that you describe. **Ed.-WI)**
- 1230 KVOC WY Casper. 7/19 0502. "ESPN Radio AM 1230 KVOC" mixing with KKPC. Fair. **(WH-CO)**
- 1240 KASL WY Newcastle. 7/20 2205. Ending ABC news. "You're listening to AM KASL, Castle Country" to C&W music. Fair. **(WH-CO)**
- 1250 KNWH CA Yucca Valley. 7/1 1300. "ESPN 1250" mentioned. Owned by Morris Commu-

- nications. Fair-- first time. **(RA-CA1)**
- 1310 WCCW MI **Traverse City. 7/30 0640.** Ad for Hooters in Traverse City and repeated ESPN 1310 IDs. Fair, QRN. **(GH-IL)**
- 1320 KCTC CA **Sacramento. 7/2 0003-0004.** Mentioning ESPN TV shows to be aired. "Sacramento's Sports Center." Reception getting better. **(RA-NV)**
- 1350 KRNT IA **Des Moines. 7/8 2230.** "On KRNT" by a female announcer and oldies music. Fair signal, much static. **(GH-IL)**
- 1370 KWRM CA **Corona. 7/2 1336.** Announcements in Chinese. Note: reception much better in the San Gabriel Valley compared to the Los Angeles Harbor and South Bay areas. **(RA-CA2)**
- 1380 KCNW KS **Fairway. 7/11 2229.** Good-to-fair signal; ID "AM 1380 KCNW," station promo, second ID "AM 1380 KCNW, "Trials and Truths (pre-recorded church service led by the pastor). Moderate fading, well ahead of the usual jumble on 1380 kHz. Station had a BIG FADE after the start of the church service. **(MLP-NE)**
- 1380 KTKZ CA **Sacramento. 7/19 0549.** Man saying "You're on the Michael Medved Show," caller with African-American accent. Very poor; no splatter from KUPA 1370. **(DP-HI)**
- 1400 KODI WY **Cody. 7/16 0000.** Ending spot. "KODI AM Cody Wyoming" to CNN news. **(WH-CO)**
- 1400 KENT UT **Parowan. 7/22 0000.** Ending nostalgia music. "KENT Parowan, a Legacy Communications station" to CNN news. New and Taped! **(WH-CO)**
- 1410 WSHY IN **Lafayette. 7/8 2245.** "Latest and Greatest Country 95.3" slogan ID. Weak, with fade and static. **(GH-IL)** (Station runs // WLFF 95.3 Brookston IN **Ed.-WI)**
- 1440 WPRS IL **Paris. 7/22 0010.** "WPRS 1440 AM" and good oldies. Fair signal, much QRM. **(GH-IL)**
- 1600 KAHZ CA **Pomona. 7/2 0853.** Announcements in Chinese. Suddenly faded out. **(RA-NV)**
- 1650 KWHN AR **Fort Smith. 7/22 2200.** "More information now on KWHN dot com" by a male announcer. Fair in KCNZ null. **(GH-IL)**
- 1650 KBJD CO **Denver. 7/30 0307-0319.** Michael Medved Show "here on KNUS 710" Mixing with KHRO, both just hammering local KFOX's Korean religious program. Two stations and not a "legal" ID between them-although maybe they do so at ToH. **(DS-CA)**
- 1650 KHRO TX **El Paso. 7/30 0307-0319.** Lots of "R. 3-1650, where the 50's and 60's live..." "R. 3-El Paso's Favorite Music" and some decent '50s/'60s Rock-n-Roll-- "Paint It Black," "Charlie Brown," "P.S., I Love You." Looked on KHRO's website for info on "R.3" but it just mentions "Air America" programming. Mixing with KBJD. **(DS-CA)**
- 1680 KAVT CA **Fresno. 7/1 2358.** Mentioning contest and mailing address in Dallas TX. Suddenly came up. **(RA-NV1)**

DDXD-East

REPORTERS

- BC-NH **Bruce Conti, Nashua - R8B, MWDX-5, 50 x 75-ft SuperLoop antennas east and south**
- IEN-GA **Ira Elbert New, III, Watkinsville - 2003 Isuzu Rodeo In-Dash Audio System 4340**
- IEN-FL **Ira Elbert New, III, DX and daytime bandscanning in St. Augustine - Sangean ATS 909**
- DP-HI **Dale Park, Honolulu - station news**
- MKB-ON **Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200**

STATION NEWS

- 850 WRBZ NC **Raleigh - Adds Premiere Radio's "Costas On The Radio" 5/19 per syndicator news release. (DP-HI)**
- 1070 WKOK PA **Sunbury - Adds Fox Sports Radio 6/13 per network news release. (DP-HI)**
- 1380 WMLP PA **Milton - Adds Fox Sports Radio 6/13 per network news release. (DP-HI)**
- 1450 WREL VA **Lexington - Adds Fox Sports Radio 6/09 per network news release. (DP-HI)**
- 1480 WSAR MA **Fall River - Adds Fox Sports Radio 5/26 per network news release. (DP-HI)**

COMING SOON TO A RADIO NEAR YOU

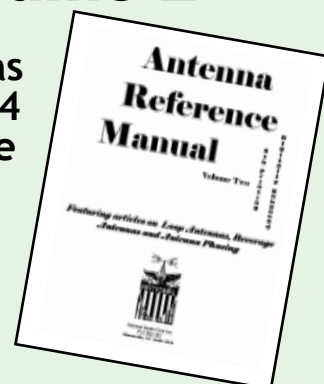
- 1690 CHTO ON **Toronto** – 7/30 1815 – Soon to become “my big fat Greek pest” noted testing with variety of Greek songs, instrumentals, and call letter IDs by woman in EE and Greek. **(MKB-ON)**

LOGGINGS

- 540 WFLF FL **Pine Hills** – 6/30 2230 – Local weather forecast and Coast to Coast AM. Good signal with slight fades. “540, WFLA”. **(IEN-FL)**
- 590 WDWD GA **Atlanta** – 7/5 2259 – TOH ID and Radio Disney fare. Good signal. “AM 590, WDWD Atlanta”. **(IEN-FL)**
- 610 WIOD FL **Miami** – 6/30 2233 – Traffic and Weather. Decent signal with fades. “610, WIOD 24-Hour Traffic”. **(IEN-FL)**
- 680 WPTF NC **Raleigh** – 6/30 2131 – Weather Forecast. Good signal with fading. “Newstalk 680, WPTF”. **(IEN-FL)**
- 690 WOKV FL **Jacksonville** – 6/30 2153 – WOKV Station Promo. Good signal with fading. “WOKV, Jacksonville’s most important radio station”. **(IEN-FL)**
- 700 WLW OH **Cincinnati** – 7/5 2238 – Cincinnati Reds promo. Good, steady signal. “700 WLW. Home of the Cincinnati Reds”. **(IEN-FL)**
- 750 WSB GA **Atlanta** – 6/30 2135 – The Allen Hunt Show. Decent signal mixing with Latin Music. “Newstalk 750, WSB”. **(IEN-FL)**
- 760 WJR MI **Detroit** – 7/5 2303 – Local weather forecast. Decent signal. “WJR Weather Forecast...”. **(IEN-FL)**
- 840 WHAS KY **Louisville** – 7/5 2241 – Talk show. Good signal. “84, WHAS”. **(IEN-FL)**
- 850 WRUF FL **Gainesville** – 6/30 2236 – Atlanta Braves Baseball. Decent signal with slight fades. “850, WRUF, Gainesville”. **(IEN-FL)**
- 870 WWL LA **New Orleans** – 7/5 2304 – Newscast. Good signal. “WWL First News”. **(IEN-FL)**
- 940 WMAC GA **Macon** – 6/30 2158 – Atlanta Braves Baseball. Good signal with fading. “Newstalk 940, WMAC”. **(IEN-FL)**
- 970 WFLA FL **Tampa** – 6/30 2200 – TOH ID, FOX News along with local news and traffic. Good, steady signal. “Newsradio 970, WFLA Tampa Bay”. **(IEN-FL)**
- 1030 WBZ MA **Boston** – 6/30 2203 – Local traffic. Good, steady signal. “WBZ News time is 10:03”. **(IEN-FL)**
- 1110 WBT NC **Charlotte** – 6/30 2205 Traffic and weather. Good, steady signal. “WBT Time-saver Traffic...”. **(IEN-FL)**
- WJML MI **Petoskey** - 7/19 2120 - Fair in WBT and YVQT null; local ad string with north Michigan references. New log. **(BC-NH)**
- 1230 WSBB FL **New Smyrna Beach** – 7/3 1516 – The Beatles with 8 Days A Week. Good, steady signal. “1230, The Beach”. **(IEN-FL)**
- 1240 WFOY FL **Saint Augustine** – 7/3 1518 – Down to Business talk show. Very good signal. “AM 1240”. **(IEN-FL)**
- 1290 WTKS GA **Savannah** – 7/3 1520 – Neal Boortz show along with commercials for Shops in Savannah. Good, steady signal. “Newsradio 1290, WTKS”. **(IEN-FL)**
- 1440 WGIG GA **Brunswick** – 7/3 1535 – Golden Isles Nissan ad and The Sean Hannity Show. Very good signal. “Real Radio 1440, WGIG, Brunswick”. **(IEN-FL)**
- 1690 WPTX MD **Lexington Park** - 8/2 2059 - TOH ID along with a mention of the bridge collapse in Minneapolis, MN. Decent signal only to fade under a CBS Newscast from somewhere. “WPTX, Lexington Park, Maryland”. **(IEN-GA)**

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



International DX Digest

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

Transatlantic DX

- 549 **ALGERIA** *Chaîne 1*, Les Trembles (35°17'N 00°34'W) JUL 25 0054 - Female Arabic vocal, strings, drums; huge! [Connelly*R-MA]
- 603 **SPAIN** *RNE5* synthros JUL 25 0057 - Parallel 684 with classical guitar; fair to good. [Connelly*R-MA] AUG 3 0141 - Fair with synthro echo; teletalk parallel 585 kHz. [Conti-MA]
- 612 **MOROCCO** *RTM A*, Sebaa-Aioun (33°54'N 05°23'W) AUG 3 0140 - Strong; talk parallel 207 kHz. [Conti-MA]
- 621 **CANARY ISLANDS // SPAIN** *RNE1* synthros, Santa Cruz de Tenerife et al. JUL 25 0057 - Parallel 684 with classical guitar; fair to good. [Connelly*R-MA]
- 648 **SPAIN** *RNE1* Badajoz (38°53'N 06°58'W) JUL 25 0057 - Parallel 684 with classical guitar; good. [Connelly*R-MA]
- 657 **SPAIN** *RNE5* Madrid (40°28'N 03°52'W) JUL 25 0057 - Parallel 684 with classical guitar; fair. [Connelly*R-MA] AUG 3 0129 - Good; talk parallel 684 kHz. [Conti-MA]
- 666 **PORTUGAL** *RDP1* synthros JUL 25 0046 - Vocal seemed parallel 693 Azores. [Connelly*R-MA]
- 684 **SPAIN** *RNE1* Sevilla (37°12'N 05°55'W) JUL 25 0028 - Man in Spanish; loud, within 10 dB of local 680 WRKO strength much of the time. [Connelly*R-MA]
- 693 **AZORES** *RDP 1*, Terceira (38°43'N 27°19'W) JUL 25 0046 - Vocal apparently parallel 666 Portugal. 0048 bluesy Portuguese vocal. [Connelly*R-MA]
- 702 **ALGERIA** *Chaîne 1*, Djelfa JUL 25 0102 - Parallel 890.97 with Arabic news by man; fair. [Connelly*R-MA] AUG 3 0114 - Fair; Koran parallel 153 and a strong 891 kHz. [Conti-MA]
- 711 **FRANCE** *France Info*, Rennes (47°51'N 01°30'W) JUL 25 0102 - Parallel 1206 with French news by woman; over Western Sahara (711.05) growl. [Connelly*R-MA]
- 711.05 **WESTERN SAHARA** *RTM* Addakhla (23°42'N 15°56'W) JUL 25 0046 - Arabic talk at very low audio level on strong carrier, eventually losing to France. [Connelly*R-MA]
- 729 **SPAIN** *RNE1* synthros JUL 25 0048 - Parallel 684 with folk guitar; to good peak. [Connelly*R-MA]
- 738 **SPAIN** *RNE1* Barcelona (41°23'N 02°12'E) AUG 3 0014 - Good; man and woman parallel 684 kHz. [Conti-MA]
- 747 **CANARY ISLANDS // SPAIN** *RNE5* synthros JUL 25 0048 - Parallel 729 with flamenco guitar; fair to good. [Connelly*R-MA]
- 747 **NETHERLANDS** *Radio 5*, Flevoland (52°23'N 05°25'E) JUL 14 0220 - Man in Dutch; fair. [Connelly*B-MA]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg JUL 25 0105 - Classical music; good, way over Spain. [Connelly*R-MA]
- 756 **SPAIN** *R.Euskadi*, Bilbao JUL 25 0105 - Spanish talk; under Germany. [Connelly*R-MA]
- 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 06°44'E) JUL 25 0024 - Pop-folk romantic French female vocal; to good peak. [Connelly*R-MA] AUG 3 0146 - Weak through heavy lightning noise. [Conti-MA]
- 774 **SPAIN** *RNE1* synthros JUL 25 0019 - Parallel (slightly delayed) 1152 with excited talk by man and woman; to good peak over probable Egypt. [Connelly*R-MA] AUG 2 2330 - AUG 3 0136 - Noted parallel 1152 kHz. [Thorburn-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott (18°07'N 15°57'W) JUL 25 0015 - Parallel 4845 with Koranic vocal; fair through CFDR slop. [Connelly*R-MA] AUG 3 0024 - Talk; 20 dB better than 4845 parallel. [Conti-MA]
- 819 **EGYPT** *ERTU* Batra (31°09'N 31°27'E) JUL 14 0222 - Arabic female vocal and violins; good. [Connelly*B-MA]
- 837 **CANARY ISLANDS // SPAIN** *COPE* synthros JUL 25 0014 - Parallel 882 with teletalk; poor to fair. [Connelly*R-MA] AUG 3 0110 - Good with synthro echo; talk parallel 999 kHz. [Conti-MA]
- 855 **SPAIN** *RNE1* synthros JUL 25 0106 - Talk parallel 621; fair. [Connelly*R-MA]
- 864 **FRANCE** *France Bleu*, Villebon-sur-Yvette (48°41'N 02°14'E) JUL 25 0108 - "Time After Time" by Cyndi Lauper; slightly over 2 or 3 others (Egypt, Spain, Morocco?). [Connelly*R-MA]

- AUG 3 0032 - Excellent; Led Zeppelin "Stairway to Heaven" parallel 1494 kHz. [Conti-MA]
 AUG 3 0033 - Good; Led Zeppelin. [Thorburn-MA]
- 873 **SPAIN** *SER* synchros JUL 25 0108 - Parallel 1116 with mellow vocal; over jumble. [Connelly*R-MA]
- 882 **CANARY ISLANDS // SPAIN** *COPE* synchros JUL 25 0013 - Fast talk, teletalk by two men in Spanish; good. [Connelly*R-MA]
- 890.967 **ALGERIA** *Chaîne 1*, Algiers (36°40'N 03°09'E) JUL 17 0135 - Male Arabic vocal, flutes, violins; fair. Noted carrier frequency per "zoomed in" spectrum display span. No problem slicing this away from adjacent 890 WBPS which was about 6 to 10 dB stronger. [Connelly*B-MA]
 JUL 25 0012 - Female Arabic teletalk/interview; huge! [Connelly*R-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5 Live* synchros JUL 14 0228 - Sports related discussion; some WABI slop. [Connelly*B-MA]
- 936 **SPAIN** *RNE5* synchros JUL 25 0011 - Parallel 1152 with woman in Spanish; fair. [Connelly*R-MA]
- 945 **FRANCE** *France Info*, Toulouse (43°21'N 01°20'E) JUL 25 0010 - Soft music; fair to good. [Connelly*R-MA]
- 954 **SPAIN** *Onda Cero*, Madrid JUL 25 0105 - Spanish teletalk show; very good. [Connelly*R-MA]
- 981 **ALGERIA** *RTVA Chaîne 2*, Algiers (36°40'N 03°09'E) JUL 25 0009 - Arabic male vocal and guitar; superloud, totally crushing 980 kHz. [Connelly*R-MA]
- 999 **SPAIN** *COPE* Madrid (40°28'N 03°52'W) JUL 14 0230 - Piano music, male Spanish vocal. JUL 17 0119 - Spanish time check, segment of soul song, bit of phone conversation; excellent, better than 1000 jumble and showing 40 dB weaker than 1030 WBZ on spectrum display scale. WBZ is 78.3 dBu here per V-Soft, so a TA at 38 dBu is not bad at all (though I'm sure 1521 Saudi has beaten that level by a good deal). [Connelly*B-MA] JUL 25 0008 - Cadena Cope ID; good. [Connelly*R-MA]
- 1008 **CANARY ISLANDS** *Punto Radio*, Las Palmas JUL 25 0109 - One of two equal-strength Spanish talkers here. [Connelly*R-MA]
- 1008 **SPAIN** *SER* synchros JUL 25 0109 - Spanish talk evenly mixing with different Spanish talk (Canaries). [Connelly*R-MA]
- 1017 **SPAIN** *RNE5* synchros JUL 25 0110 - Woman in Spanish; over others. [Connelly*R-MA]
- 1026 **SPAIN** *SER* synchros JUL 25 0111 - Parallel 1044 with talk by woman, interview; to good peak. [Connelly*R-MA]
- 1044 **MOROCCO** *RTM A/C*, Sebâ-Aioun (33°54'N 05°23'W) AUG 2 2330 - Strong audio; woman singing slow Middle Eastern song. [Thorburn-MA] AUG 2 2350 - Loud and clear; Koran. Signed off shortly after 2400 leaving *SER* Spain in clear. [Conti-MA]
- 1044 **SPAIN** *SER* synchros JUL 14 0231 - Echoey Spanish talk by man and woman; good. [Connelly*B-MA] JUL 25 0111 - Parallel 1026 with woman in Spanish doing interview; good. [Connelly*R-MA] AUG 3 0105+ - Western music, including Debussy's "Gymnopedie." [Thorburn-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros JUL 25 0113 - Talk about paying for health care; good. [Connelly*R-MA]
- 1089 unID JUL 25 0040 - Arabic vocal; under UK. [Connelly*R-MA]
- 1098 **SPAIN** *RNE5* synchros JUL 25 0041 - Parallel 1107 with Spanish classical guitar; loud. [Connelly*R-MA]
- 1107 **SPAIN** *RNE5* synchros JUL 25 0040 - Parallel 1125 with classical flamenco Spanish guitar; very good. [Connelly*R-MA]
- 1116 **SPAIN** *SER* synchros JUL 25 0041 - Man and woman in Spanish. [Connelly*R-MA]
- 1125 **SPAIN** *RNE5* synchros JUL 25 0040 - Parallel 1107 with classical flamenco Spanish guitar; good. [Connelly*R-MA]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06'N 15°15'E) JUL 14 0233 - Slavic vocal. [Connelly*B-MA] JUL 25 0003 - Slavic talk news by woman; over/under Spain. [Connelly*R-MA] JUL 27 0200 - Good; signature time signal, Croatia Today in English. [Conti-NH]
- 1134 **SPAIN** *COPE* synchros JUL 25 0003 - Fast Spanish news with man and woman; mixed with Croatia. [Connelly*R-MA]
- 1143 **SPAIN** *COPE* synchros JUL 25 0001 - *COPE* news; fair over others. [Connelly*R-MA]
- 1152 **SPAIN** *RNE5* synchros JUL 25 0000 - Parallel 1305 with woman giving *R.Nacional de España* ID, then musical fanfare into news read by man and woman; good. [Connelly*R-MA]
- 1161 **SPAIN** *Euskadi Irratia*, San Sebastián AUG 3 0117 - Fair; folk music and talk parallel 1197 kHz. [Conti-MA]
- 1179 **CANARY ISLANDS // SPAIN** *SER* synchros JUL 25 0039 - Spanish talk to fair peak.

- [Connelly*R-MA]
- 1206 **FRANCE** *France Info*, Bordeaux (44°57'N 00°11'W) JUL 14 0200 - French news. [Connelly*B-MA] JUL 25 0038 - Classical music; to good peak. 0125 "All Right Now" by Free; loud. [Connelly*R-MA] AUG 3 0106 - Good, over unID signal. [Conti-MA]
- 1215 **UNITED KINGDOM** *Virgin Radio* synchros JUL 14 0158 - "Under the Bridge" by Red Hot Chili Peppers; good. 0240 "I Love Rock 'n' Roll" by Joan Jett; loud. [Connelly*B-MA] JUL 25 0038 - Clash "Should I Stay or Should I Go?"; good. 0126 "Virgin Radio Rock 'n' Roll Fantasy Football" contest promo; excellent. [Connelly*R-MA]
- 1224 **SPAIN** *COPE* synchros AUG 3 0108 - Good; "la Cope" ID by woman into talk, parallel 999 kHz. [Conti-MA]
- 1251 **LIBYA** *Libyan Jamahiriya*, Tripoli (32°50'N 13°00'E) AUG 3 0125 - Strong; man in Arabic. [Conti-MA]
- 1269 **GERMANY** *Deutschlandfunk*, Neumünster (54°03'N 09°51'E) JUL 25 0127 - Parallel 756 with classical piano and violin; good. [Connelly*R-MA]
- 1287 **SPAIN** *SER* synchros AUG 3 0123 - Fair; talk parallel 1044 kHz. [Conti-MA]
- 1296 **SUDAN** *SRTC Reiba* (13°34'N 33°32'E) AUG 3 0056 - Presumed; African drums, then weak talk not parallel 999 *COPE* Spain. [Conti-MA]
- 1305 **SPAIN** *RNE5* synchros JUL 25 0000 - Parallel 1152 with *R.Nacional de España* ID before news report; fair. 0128 parallel 684 with soul type vocal, Spanish talk; fair. [Connelly*R-MA] AUG 3 0102 - Over sub-audible het rumble; parallel 855 kHz. [Conti-MA]
- 1314 **SPAIN** *RNE5* synchros AUG 3 0136 - Fair; teletalk parallel 1305 kHz. [Conti-MA]
- 1341 **NORTHERN IRELAND** *BBC Radio Ulster*, Lisnagarvey (54°30'N 06°04'W) JUL 25 0129 - Classical music with chorus, then man and woman in English; fair. [Connelly*R-MA] AUG 3 0134 - Good; *BBC5* talk parallel 909 kHz. [Conti-MA]
- 1368 **ISLE OF MAN** *Manx Radio*, Douglas JUL 25 0131 - This or another Brit here with pop music, then woman in English; poor through heavy *WDEA* and *WFEA* slop. [Connelly*R-MA]
- 1377 **FRANCE** *France Info*, Lille (50°31'N 02°59'E) JUL 17 0114 - Emotional French ballad by man; good. [Connelly*B-MA] JUL 24 2359 - Showtune style French female vocal; excellent. [Connelly*R-MA] JUL 27 0148 - Good; orchestra instrumental parallel 1557 kHz. [Conti-NH]
- 1422 **ALGERIA** *RTA Algiers* (36°40'N 03°09'E) JUL 24 2357 - Pop Arabic female vocal, strings, drums; very good. [Connelly*R-MA] AUG 2 2340 - Good; man and woman in French, no sign of 252 parallel. [Conti-MA]
- 1422 **GERMANY** *Deutschlandfunk*, Heusweiler (49°21'N 06°55'E) JUL 14 0203 - German news by man. [Connelly*B-MA] JUL 25 0132 - Parallel 756 with classical music; excellent. [Connelly*R-MA]
- 1431 **DJIBOUTI** *R.Sawa*, Arta (11°31'N 42°50'E) JUL 25 0132 - Fast Arabic talk by woman; fair. [Connelly*R-MA] AUG 3 0038 - Good; Mid East pop vocal. [Conti-MA]
- 1449 **LIBYA** *Voice of Greater Arab Homeland*, Misurata (32°46'N 15°05'E) JUL 25 0133 - Beefy het and bits of Arabic music; in tough *WNBP* slop. [Connelly*R-MA]
- 1458 unID's JUL 25 0134 - High-strength jumble had fragments of BBC-sounding talk and maybe Indian music (Sunrise Radio UK?), but nothing got dominant. [Connelly*R-MA]
- 1485 **MELILLA // SPAIN** *SER* synchros JUL 25 0135 - Spanish parallel 1044; dumped on by strong adjacents 1480 *WSAR* and 1490 *WBAE*. [Connelly*R-MA] AUG 3 0043 - Over unID low frequency het; talk parallel 1044 kHz. [Conti-MA]
- 1494 **CORSICA** *France Bleu*, Bastia (42°47'N 09°24'E) JUL 25 0135 - Parallel 864 with French pop vocal; a bit over possible Greece or Jordan. [Connelly*R-MA] AUG 3 0032 - Fair; Led Zep-pelin "Stairway to Heaven" easily paralleled 864 kHz. [Conti-MA]
- 1503 **SPAIN** *RNE5* Piñeira and La Línea de la Concepción JUL 24 2350 - Spanish talk with slight echo; over unID music station. [Connelly*R-MA] AUG 3 0045 - Good with synchro echo; talk parallel 855 kHz. [Conti-MA]
- 1512 **BELGIUM** *R.Vlaanderen International*, Wolvertem (50°59'N 04°18'E) JUL 27 0110 - Fair; English pop/folk vocals. [Conti-NH]
- 1512 **SAUDI ARABIA** *BSKSA* Jeddah JUL 25 0137 - Arabic male vocal; to good peak over jumble and *WWZN* slop. [Connelly*R-MA] AUG 3 0049 - Good; ud solo. 0148 Call of Islam parallel 1521 kHz. [Conti-MA]
- 1521 **SAUDI ARABIA** *BSKSA* Duba (27°20'N 35°45'E) JUL 17 0045 - Man in Arabic; to good peak. 0107 Koranic chant; killing *WWKB*. [Connelly*B-MA] JUL 24 2258 - Male Arabic vocal and orchestra, noted 75 minutes before sunset. [Connelly*R-MA] JUL 27 0154 - Huge signal; Koranic recitations. [Conti-NH]
- 1557 **FRANCE** *France Info*, Fontbonne (43°46'N 07°25'E) JUL 25 0138 - Parallel 1206 with Muzak/

New Age orchestral music; through WQEW slop. [Connelly*R-MA] JUL 27 0150 - Excellent, throwing a huge het against 1560 WQEW; orchestra instrumental music. [Conti-NH] AUG 3 0154 - Good; news/talk in French parallel 1377 kHz. [Conti-MA]

1575 **UNITED ARAB EMIRATES** *R.Farda*, Al Dhabiya (24°11'N 54°14'E) JUL 25 0138 - Farsi talk by woman; fair to good. [Connelly*R-MA]

1584 **CEUTA** *RadiOlé*, Ceuta (35°53'N 05°17'W) JUL 17 0103 - Operatic female Spanish vocal with rhythmic drumming; to good peak. [Connelly*B-MA] AUG 2 2345 - Good; Spanish rock music. AUG 3 0156 - Huge local-like signal; Spanish pop vocal. [Conti-MA] AUG 2 2330 - AUG 3 0136 - Good signal; light rock music. [Thorburn-MA]

1602 **SPAIN** *SER* synchros AUG 3 0120 - Good; pop vocal parallel 1044 kHz. [Conti-MA]

Pan-American DX

530 **TURKS & CAICOS** *R.Visión Cristiana*, South Caicos (21°30'N 71°31'W) JUL 25 0053 - Man with religious Spanish talk, US telephone numbers; huge. [Connelly*R-MA]

555 **ST. KITTS & NEVIS** *ZIZ* Basseterre (17°19'N 62°44'W) JUL 25 0055 - Reggae; fair. [Connelly*R-MA]

640 **GUADELOUPE** *R.Guadeloupe*, Pointe-à-Pitre (16°15'N 61°32'W) JUL 25 0046 - French talk by man; slightly over CBN. [Connelly*R-MA]

670 **CUBA** *CMQ R.Rebelde*, Arroyo Arenas (23°00'N 82°30'W) JUL 25 0048 - "Wobbles" noted. 0100 parallel 5025 with Cubano speech; dominant. [Connelly*R-MA]

699.67 **VENEZUELA** *YVPQ R.Sur*, Puerto Ordaz JUL 25 0047 - Tropical music, bad growl from this habitually off-frequency station. [Connelly*R-MA]

720 **BRAZIL** *ZYK276 R.Guaiba*, Porto Alegre (30°02'S 51°12'W) AUG 3 0010 - Fair; sports commentary in Portuguese, presumed this as it wasn't parallel 666 *RDP* Portugal. [Conti-MA]

720 **VENEZUELA** *YVQE R.Oriente*, Porlamar (10°56'N 64°12'W) JUL 25 0048 - *R.Oriente* ID and Venezuela mentions; slightly over mess. [Connelly*R-MA]

750 **VENEZUELA** *YVKS RCR* Caracas (10°29'N 67°00'W) JUL 21 0110 - Talk through unID IBOC noise, 0115 IBOC off leaving YVKS in clear. [Conti-NH] JUL 25 0023 - Lots of Spanish talk about Venezuela, Caracas, politics, then finally the *RCR* slogan; good, over *CBGY* for a while. [Connelly*R-MA]

771.25 unID JUL 25 0105 - Wobbly carrier, Cuba suspected. [Connelly*R-MA] AUG 3 0018 - Loud wobbly multiple tones, presumed a defective Cuban transmitter. [Conti-MA]

820 **CUBA** *CMDE R.Reloj*, Contramaestre (20°18'N 76°15'W) JUL 25 0049 - "RR" code; behind St. Kitts. [Connelly*R-MA]

820 **ST. KITTS & NEVIS** *TBN/R.Paradise*, Charlestown (17°08'N 62°37'W) JUL 25 0047 - Caribbean-accented woman with religious talk. [Connelly*R-MA]

860 **MEXICO** *XEMO* Tijuana JUL 15 1004 - Fair, having risen well atop *KMVP* with *CJBC* already faded out; ending a Spanish song and "La Poderosa 860" ID. [Kazaross-IL]

895 **ST. KITTS & NEVIS** *Voice of Nevis*, Bath Village (17°07'N 62°37'W) JUL 25 0012 - Soca/calypso vocal; to good peak. [Connelly*R-MA]

1100 **BRAZIL** *ZYK694 R.Globo*, São Paulo (23°32'S 46°37'W) JUL 25 0036 - Portuguese talk by man; in jumble. [Connelly*R-MA]

1110 **VENEZUELA** *YVQT*



Mark Connelly demonstrates the RFSpace SDR-IQ software defined radio during the BADX expedition in Rockport, Massachusetts.

- R.Carúpano, Carúpano (10°40'N 63°18'W) JUL 20 0113 - Fair in WBT and WJML null; Carúpano ID with UTC-4 time check, "nueve trece minutos," tropical music. [Conti-NH]*
- 1130 **VENEZUELA** YVRL *R.Ideal, Maiquetía (10°33'N 66°55'W) JUL 25 0006 - R.Ideal ID and Venezuela mentions in Spanish talk; mixed with WBBR, apparent Brazil under. [Connelly*R-MA]*
- 1140 **VENEZUELA** *La Voz del Caribe, Porlamar (10°57'N 63°51'W) JUL 25 0037 - Porlamar and Carúpano mentions; over CBI and low rumble. [Connelly*R-MA]*
- 1160 **BERMUDA** VSB3 Hamilton (32°18'N 64°46'W) JUL 25 0038 - BBC interview with UK-accented male host and African-accented woman, mentioned need for community action; over/under WSKW. [Connelly*R-MA]
- 1190.33 **COLOMBIA** HJCT *La Voz de la Costa, Barranquilla JUL 25 0036 - Barranquilla mentions/advertises in fast Spanish talk; tough to squeeze this by WLIB. [Connelly*R-MA]*
- 1620 **US VIRGIN ISLANDS** WDHP Frederiksted, St.Croix (17°43'N 64°53'W) JUL 20 0010 - Good; *R.República* program in Spanish with telephone talk about Cuba. [Conti-NH]
- 1700 **MEXICO** XEPE Tecate (32°32'N 116°49'W) JUL 22 0845 - CNN Headline News audio 10 seconds ahead of 880 KHNR; at 0859 home loan company ad with 888 phone number, woman with Spanish ID, "Ehkes-eh-peh-eh..." into Glenn Beck on CNN HN. Poor; Spanish-language station underneath, lightning noise. Per sdradio.net and station website, XEPE drops network programming and goes all-local Aug 1. Now co-owned with 1090 XEPRS. [Park-HI]

Transpacific DX

- 630 **AUSTRALIA** 4QR Townsville QLD JUL 22 0900 - Man with ABC news, stories about the Gold Coast area. Not many places where you can hear stations from two distant continents on your car radio, eh? Good. [Park-HI]

Contributors

- Mark Connelly WA1ION, Billerica MA; RFSpace SDR-IQ, dual-feedline corner-fed terminated loop (15 m horizontal by 5 m vertical, base height 1.5 m, east-west axis).
- Mark Connelly, Rockport MA; RFSpace SDR-IQ, R8A, DXP-6A, Mini-Circuits ZSC-2-2, cardioid array on roof of car = vertical: 3.7 m whip (MFJ-1956) to 81:1 xfmr to DX Engineering RPA-1 amp + loop: broadband, in vertical plane, square, 2 m per side, to 1:1 xfmr to RPA-1, peak east-west, null north-south.
- Bruce Conti, Nashua NH; R8B, MWDX-5, 15 x 23-m SuperLoop antennas (terminated corner-fed broadband loops) east and south.
- Bruce Conti, Rockport MA; R8B, MWDX-5, 3 x 6-m mini SuperLoop, 6-m vertical.
- Neil Kazaross, Barrington IL; R8A, phased BOG system at 271°.
- Dale Park, East Honolulu HI; Honda car radio.
- Gary Thorburn KD1TE, Rockport MA; R8A, amplified tuned loop antenna, 50x50 cm.

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Radio Speakers

Narrators, News Junkies, Sports Jockeys, Tattletales, Tipsters, Toastmasters and Coffee Klatch Couples Who Verbalized the Jargon of the Aural Ether from the 1920's to the 1980's---A Biographical Dictionary

Book Review by Andy Ooms oomspine@msn.com

Prolific old time radio historian and author Jim Cox has written another book. The subtitle almost eliminates the need for a review as it clearly explains the book.

Okay, what is it with the title? I have not interviewed the author about his thought processes, but my interpretation follows. Jim has written a great number of media history books, most of them about old time radio, but at least one about television, soap operas in the early days of that medium.

So, having covered radio music, soap operas, crime fighters, audience participation shows, and the transition years when television took over radio network resources and audiences, the author, in an effort to be comprehensive in his coverage of old time radio, decided that the categories previously written about had not covered a huge number of radio people who were not crime fighters, cowboy stars, soap opera characters, musicians, or comedians. This book covers the important other radio on-air personalities, and his subtitle explains whom they might be.

The more prosaic titles of the persons referred to in the subtitle are announcers, newscasters, sports-casters, showbiz reporters, consultants, masters of ceremonies, and husband and wife chat teams.

Anyone with some knowledge of radio's "golden age" will likely think that Drew Pearson, Walter Winchell, Hedda Hopper, Art Linkletter, and Edward R. Murrow would be covered in this book. They are. So is at least one still active radio artist. You may guess who that is. Two clues: he seems to have an eternal career, and his first name is Paul.

The format of this book is a short biography of each audio arts performer, listed in alphabetical order. In most cases, listings include birth dates and places, date and place of death if applicable, position or positions (announcer, emcee, etc.), radio program names and dates, and any movie roles and television jobs during or after the individual's radio career.

A tremendous index is included listing personality names, radio networks, radio programs, movie titles, and television programs.

Amount of data about each performer ranges from a few lines for more obscure individuals up to five pages for one of the most famous persons, Edward R. Murrow. The average entry is about one half page.

I didn't count them, but the author states in his preface, and I believe him, that 569 performers are covered in the text itself, with another 592 listed in the appendix. Appendix listings are one or two lines each, showing name, title, and networks. Pages? 360, including the index.

Most of the persons included were on network programs; regionally famous individuals are not likely to be covered if they never made it to a network (ABC, CBS, NBC, MBS) slot. However, the data for those covered will often indicate local stations on which they started or were on the air during or after their network positions.

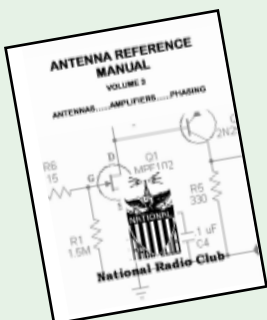
One commendable aspect of this book is that it is not all praise. Most personalities were mostly known by their work and for positive reasons. However, Jim is not afraid to mention some of the issues that pertain to a few of the performers; issues such as arrogance or too much fondness of the bottle. But these are mentioned only if pertinent to the story and if evidence exists; this is not a down and dirty tell-all by any means.

The book has been published this year by McFarland, , phone 800-253-2187. Of course, you are welcome to contact me should you want to discuss the book, or find out more about it.

Is the book for everyone? Nope, but it is my kind of old time radio book, perfect for reading while a slow baseball game is on TV. There may be a few more readers out there like me, as Jim keeps turning out these interesting products. On the other hand, I expect that he enjoys his work too much to quit.

Antenna Reference Manual, Volume 3

A compilation of 17 articles on antennas, phasing impedance matching, and RF amplification for medium wave DX'ers, some of the articles were published in *DX News* between 1999 and 2004. 8 1/2" X 11" bound book format. NRC member price: \$11.95; non-member price \$16.95; overseas customers, please contact us for exact price. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



Radio Disney Station List

(From the FCC website of 15 June 2007)

Via Mike Hardester

kHz	Callsign	City	State	Expiration Date
98.3	WRDZ-FM	PLAINFIELD	IN	8/1/2012
550	WDDZ	PAWTUCKET	RI	4/1/2014
600	WBWL	JACKSONVILLE	FL	2/1/2012
640	WWJZ	MOUNT HOLLY	NJ	6/1/2014
640	WWJZ	HORSHAM TOWNSHIP	PA	PENDING
680	WDRD	NEWBURG	KY	8/1/2012
900	WFRO	FREMONT	OH	CANCELED
910	WFDF	FARMINGTON HILLS	MI	10/1/2012
910	KWDZ	SALT LAKE CITY	UT	10/1/2013
990	WMYM	MIAMI	FL	2/1/2012
990	WDYZ	ORLANDO	FL	2/1/2012
1010	WRJR	PORTSMOUTH	VA	10/1/2011
1160	KRDY	SAN ANTONIO	TX	8/1/2013
1190	KPHN	KANSAS CITY	MO	2/1/2013
1240	KALY	LOS RANCHOS DE ALBUQUEQUE	NM	10/1/2013
1260	WSDZ	BELLEVILLE	IL	12/1/2012
1260	WMKI	BOSTON	MA	4/1/2014
1260	WWMK	CLEVELAND	OH	10/1/2012
1290	KKSL	LAKE OSWEGO	OR	CANCELED
1290	WDZY	COLONIAL HEIGHTS	VA	10/1/2011
1320	WCOG	GREENSBORO	NC	12/1/2011
1380	WWMI	ST. PETERSBURG	FL	2/1/2012
1380	KMUS	SPERRY	OK	6/1/2013
1450	WBYU	NEW ORLEANS	LA	6/1/2012
1460	WDDY	ALBANY	NY	6/1/2014
1470	KIID	SACRAMENTO	CA	12/1/2013
1480	KQAM	WICHITA	KS	6/1/2013
1480	WGFY	CHARLOTTE	NC	12/1/2011
1550	WDZK	BLOOMFIELD	CT	4/1/2014
1580	KMIK	TEMPE	AZ	10/1/2013
1590	KMIC	HOUSTON	TX	8/1/2013
1600	WMNE	RIVIERA BEACH	FL	2/1/2012
1640	KDZR	LAKE OSWEGO	OR	2/1/2006
1640	WKSH	SUSSEX	WI	12/1/2012
1650	WHKT	PORTSMOUTH	VA	10/1/2011
1690	KDDZ	ARVADA	CO	4/1/2013

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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 wayne@wayneheinen.com. Thanks!

IRCA Mexican Log, 11th Edition (Winter 2006) - NOW READY

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: NRC/IRCA members - \$9.50 US/Canada/Mexico/sea mail; \$12.00 rest of the Americas/Europe airmail; \$12.50 Australia/Japan/New Zealand airmail. Non-NRC/IRCA members: add \$2.00. **State club affiliation when you order.** To order, send your funds to:

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Geomagnetic Summary

Phil Bytheway phil_tekno@yahoo.comt
9705 Mary NW
Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary March 1 through June 27 2007

SWF - Space Weather Forecast

maf - major flare

mas - major storm

mis - minor storm

pca - polar cap absorption

SWT - Space Weather today

spe - satellite proton event

ss - severe storm

Tabulated from email status daily.

Date	Flux	A	K	Space Wx	5/	1	87	19	1	
3/ 1	76	20	3	minor						minor
2	75	11	1	no storms						no storms
3	76	5	2	no storms						no storms
4	73	3	1	no storms						x
5	73	2	1	no storms						no storms
6	72	12	3	no storms						no storms
7	72	18	1	minor						no storms
8	73	20	3	no storms						no storms
9	73	6	1	no storms						no storms
10	72	2	1							no storms
11	71	4	1	no storms						no storms
12	71	6	2	no storms						no storms
13	71	6	2	no storms						no storms
14	71	20	2	minor						no storms
15	70	11	2	no storms						no storms
16	69	8	2	no storms						no storms
17	69	7	1	no storms						no storms
18	69	9	1	no storms						no storms
19	71	4	1	no storms						no storms
20	70	1	0	no storms						no storms
21	73	1	0	no storms						no storms
22	73	0	2	no storms						no storms
23	73	2	1	no storms						no storms
24	73	2	3	no storms						moderate
25	73	10	2	minor						moderate
26	74	12	1	no storms						no storms
27	74	12	4	no storms						no storms
28	73	15	3	no storms						no storms
29	75	9	1	no storms						no storms
30	74	1	0	no storms						no storms
3/31	74	1	0	no storms	5/31					no storms
4/2	72	28	3	minor	6/ 1					no storms
3	71	26	3	minor	2					minor
4	71	22	3	no storms	3					minor
5	71	13	1	no storms	4					moderate
6	71	10	0	no storms	5					moderate
7	71	3	2	no storms	6					no storms
8	71	4	1	no storms	7					no storms
9	71	3	0	no storms	8					no storms
10	70	10	1	no storms	9					no storms
11	69	7	2	no storms	10					minor
12	69	8	1	no storms	11					no storms
13	68	9	1	no storms	12					no storms
14	68	9	1	no storms	13					no storms
15	68	1	1	no storms	14					no storms
16	69	5	1	no storms	15					minor
17	69	5	1	no storms	16					no storms
18	69	0	3	no storms	17					no storms
19	69	8	2	no storms	18					no storms
20	68	5	1	no storms	19					no storms
21	69	4	0	no storms	20					no storms
22	69	3	1	no storms	21					no storms
23	69	4	3	no storms	22					no storms
24	69	13	2	minor	23					no storms
25	73	5	2	no storms	24					no storms
26	77	5	1	no storms	25					no storms
27	81	8	3	no storms	26					no storms
					27					no storms

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>ST</i>	<i>TDV</i>	<i>TDT</i>	<i>PH</i>	<i>SH</i>	<i>TDH</i>	<i>SV</i>	<i>PV</i>	<i>PT</i>	<i>DCV</i>	<i>DCT</i>	<i>DCH</i>
Geary, Kermit-e PA	1926	Jul-06	49	5448	2768	10	50	5939	50	10	10	√	√	√
Forth, Karl-vic Chicago, IL	1970	Nov-78	48	1088	1077	10	48	1771	48	10	10	√	√	√
Francis, Steve-nr Knoxville, TN	1970	Sep-06	45	37	719	9	48	2739	36	0	5	√	√	√
Foxworth, Robert-Long Island, NY	1957	Nov-78	44	270	400	10	49	1000	48	7	9	√	√	√
Swearingen, Paul-e KS	1975	Aug-07	44	2	888	7	44	888	2	0	7		√	√
Edmunds, R. J.-n NJ/e PA	1962	Sep-99	41	263	806	9	47	2001	42	6	8	√	√	√
Fela, Joseph-cent. NJ	1961	Oct-78	40	1045	400	10	49	1861	48	9	7	√	√	√
Schmidt, Dave-se PA/n DE	1965	Nov-79	40	1006	400	8	48	1250	48	8	4			
Malicky, John-Pittsburgh, PA	1970	Nov-87	40	902	1184	7	40	1461	38	7	6	√	√	√
Pimper, Dennis-NE, UT	1939	Dec-06	40	425	651	7	47	2540	45	6	5			
Wolfish, Niel-Toronto, ONT	1978	Feb-93	39	493	402	10	43	1285	43	10	6	√		√
Hayes, Harry J.-ne PA	1970	Jul-98	39	185	641	9	41	1354	30	3	9		√	√
Heinen, Wayne-CO	1975	Dec-07	36	1172	592	5	42	1519	42	5	6			
Renfrew, Jim-Rochester, NY	1976	Oct-06	35	449	68	10	47	1709	45	10	8	√		√
Karchevski, Bob-San Francisco, CA	1969	Oct-78	35	198	197	5	36	249	36	5	5			
Truax, Dick- vic. Louisville, KY	1972	Dec-78	35	20	120	6	46	935	17	3	5		√	√
Taylor, Pete-Tacoma, WA	1981	Mar-00	33	70	399	3	33	468	14	7	0			
Musco, Ron-nr Hartford, CT	1962	Jan-07	28	1269	108	9	47	1400	47	9	3	√		√
Mount, Paul-ne NJ	1973	Feb-86	26	224	199	7	36	489	33	6	5	√	√	√
Mount, Paul-se OH	1978	Feb-86	25	3	60	3	36	390	3	0	1			√
Smolarek, Bob n NJ	1982	Jun-06	16	7	78	5	36	817	7	0	5			√
Heinen, Wayne-NY	1964	Jan-06	14	429	30	9	44	480	44	9	0	√		√
Wolfish, Niel-Winnipeg, MAN	1985	Feb-93	10	25	113	9	37	813	10	4	4			
Bond, Jerry-Rochester, NY	1962	Oct-78	10	0	50	8	43	785	0	0	2			√
Vervoort, John-Brooklyn, NY	2000	Nov-06	9	4	25	5	31	274	4	0	2		√	√
Vervoort, John-Murray, KY	2003	Jan-07	7	0	7	2	29	152	0	0	0			√
Wilkins, John-Wheat Ridge, CO	1981	Jan-07	6	1088	620	6	40	1364	40	6				
Taylor, Pete-San Francisco	1958	Mar-00	6	329	70	7	32	450	31	7	1			
Ponder, Stephen-Shreveport, LA	1975	Aug-89	4	721	10	5	39	769	39	5	4	√		√
Krejny, Ed-nr Cleveland, OH	1950	Nov-96	0	2729	0	10	49	3265	49	10	0	√		√
Wesolowski, Ernie-Omaha, NE	1958	Jan-06	0	1966	0	9	49	2321	49	9	0	√		√
Jeter, Karl-Atlanta, GA	1969	Mar-84	0	1193	0	6	44	1574	44	6	0	√		√
Arruda, Ray-nr Boston, MA	1963	Oct-06	0	1150	0	9	47	1292	47	9	0	√		√
Chatterton, Ken-n NY	1945	Nov-78	0	1101	0	10	50	1845	50	10	0	√		√
Falconer, Jeff-Clinton, ON	1969	Jul-00	0	1070	0	10	49	2799	49	10	0	√		√
Whatmough, Dave-Hamilton, ONT	1951	Jan-00	0	1030	0	10	49	2061	49	10	0	√		√
Anderson, Roger-Arlington, MD	1938	Jan-06	0	1017	0	9	48	1017	48	9	0	√		√
Sampson, John-Omaha, NE	1954	Dec-78	0	912	0	6	45	912	45	6	0	√		√
Holland, George Jr., vic. Albany, NY	1931	Oct-06	0	828	0	9	49	828	49	9	0	√		√
Harrison, Bob-ne NJ	1982	Jun-98	0	772	0	7	36	996	36	7	0	√		√
Wilkins, John-W. DesMoines, IA	1962	Nov-06	0	489	0	7	45	1307	44	7	0	√		√
Sampson, John-Winston-Salem, NC	1968	Oct-78	0	450	0	1	30	450	30	1	0			√
Rigas, Christos-vic Chicago, IL	1981	Mar-98	0	382	0	7	46	862	44	6	0	√		√
Kureth, Joe-Uniontown, MD	1961	Jan-00	0	342	0	10	46	2162	41	7	0	√		√
Sampson, John-Hutchinson, MN	1960	Oct-78	0	336	0	6	42	336	42	6	0			
Sampson, John-Cupertino, CA	1966	Oct-78	0	258	0	3	17	258	17	3	0			
White, Thomas-Arlington, VA	1968	Jan-92	0	243	0	7	39	994	38	7	0	√		√
Taylor, Pete-Durham, NC	1952	Mar-00	0	208	0	6	40	891	38	6	0	√		√
Sampson, John-New York, NY	1965	Dec-78	0	181	0	6	33	181	33	6	0	√		√
Jones, David B. - Springfield, TN	1996	Apr-06	0	168	0	4	34	464	30	4	0			√
Alves, Paul H.-nr Boston, MA	1948	Feb-99	0	145	0	6	32	352	25	5	0	√		√
Wallace, Jim-Columbus, OH	1969	Oct-78	0	137	0	7	41	795	36	3	0	√		√
Taylor, Pete-Coral Gables, FL	1945	Mar-00	0	132	0	3	29	221	30	2	0	√		√

Kureth, Joe-Southern Pines, NC	1963	Jun-71	0	92	0	7	38	878	26	2	0	✓	✓
Edmunds, R. J.-Syracuse, NY	1964	Sep-99	0	75	0	9	45	533	31	5	0	✓	✓
DeLeurere, Harley-Hendricks, WV	1955	Oct-78	0	59	0	10	48	59	48	10	0	✓	✓
Houdek, Gary-n KS	1975	Feb-06	0	54	0	4	37	374	26	1	0		
Boersma, Philip-w MI	1973	Oct-78	0	50	0	6	41	520	24	3	0		
Hardison, Greg-Atlanta, GA	1964	Nov-78	0	42	0	6	36	900	19	5	0		
Onyschuk, Ken-Homewood, IL	1967	Aug-06	0	16	0	6	43	1064	13	0	0		✓
Bailey, Ron-Shelby, NC	1992	Jan-07	0	5	0	5	37	1545	4	1	0		✓
Hardy, Nancy-coastal WA	1969	Dec-84	0	3	0	5	40	778	2	0	0		
DeLorenzo, Marc-e MA	1962	Mar-07	0	1	1	10	45	1239	0	0	0		✓
Axelrod, Shawn M.-s MAN	1986	Feb-06	0	0	0	10	50	2149	0	0	0	✓	✓
Crabill, Perry - VA	1990	Jan-06	0	0	0	3	35	779	0	0	0		✓
Edmunds, R. J.-ne ME	1994	Sep-99	0	0	0	6	20	172	0	0	0		
Reed, John-Ponca City, OK	1995	Jan-06	0	0	0	6	40	656	0	0	0		
Thompson, Blaine-Toledo, OH	2003	Feb-06	0	0	0	2	22	137	0	0	0		
Tudenhams, John-Joplin, MO	1990	Oct-97	0	0	0	5	36	444	0	0	0		
Turner, Rick-Bemidji, MN	2005	Jan-06	0	0	0	5	27	273	0	0	0		
Vervoort, John-Bronx, NY	2003	Nov-06	0	0	0	5	22	144	0	0	0		✓
Vervoort, John-Madisonville, KY	2004	Jun-07	0	0	0	2	32	303	0	0	0		✓
Winkelman, Bruce-Tulsa, OK	1979	Nov-06	0	0	0	5	36	705	0	0	0		

Legend:

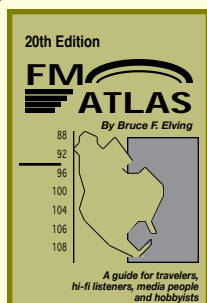
✓ District of Columbia heard, taped, and/or verified

TDH, TDT, TDV Total Domestic Heard, Taped, Verified

SH, ST, SV States Heard, Taped, Verified

PH, PT, PV Provinces Heard, Taped, Verified

Thanks to Marc DeLorenzo and John Vervoort for updates. This column is arranged by States Taped and then Total Domestic Verified and finally States Heard, and finally Total Domestic Taped as the tiebreaker, and 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.

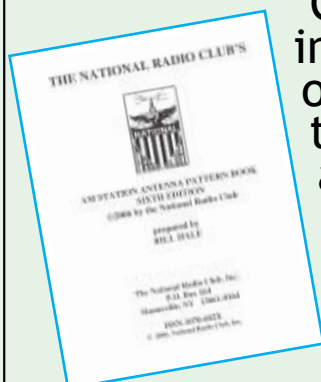


Bruce Elving's FM Atlas ... 20th Edition

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$20.00 for NRC USA/Canada members, \$24.00 USA/Canada non-members, \$25.00 for all others. 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. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



It's BOISE 2007!

National Radio Club and WTFDA Club in a Joint Convention

Here are details of what is planned for the 2007 National Radio Club Convention. First of all, we are holding a joint convention with the Worldwide TV-FM DX Association, the WTFDA. And they will be hosting this first joint venture in Boise, Idaho over the Labor Day weekend, with Frank Aden as the Master of Ceremonies. Some of you may know Frank as a pre-eminent historian of Idaho broadcasting, both radio and TV.

Now, those of us who have attended NRC Conventions have always paid a large registration fee that included a banquet on Saturday night. This year, at Frank's suggestion, we are not including the price of ANY meal in the registration fee. This keeps the registraton cost low and lets each attendee select each meal, and where to eat.

This Rodeway Inn hotel has been used in years past for radio conventions so we know it will have just the amenities we need, and if the weather cooperates, there is a large area around their outdoor pool that should be a great place to tune for stations you've only ever dreamed of hearing from your east-coast or mid-west home.

The program will begin on Friday morning around 11 o'clock with a tour of a Boise television station, and Frank has arranged it so the group can sit in and watch how their noon newscast is put together and broadcast. Friday night, Frank is going to speak on the history of Idaho's earliest radio and TV stations.

Saturday will be filled with a tour of the local radio transmitting sites around Boise for those who want to see where the signals are coming from. For others, the hotel meeting room will be open for musing and swapping stories or demonstrating what you have brought with you to the convention. In the evening after dinner, we will hear about how our two clubs are doing. Frank Aden will present some video about the DuMont Television Network, and that will be followed by the annual auction.

Sunday will include the annual "Candy Quiz" for the early risers, followed by the annual "National Radio Club Examination" for those who wish to compete for a free full-year's membership in the NRC. There should be time for a visit to 7100-foot Deer Point where the Boise FM and TV transmitters are located in the hills just outside of town.

Sounds pretty good, right? Well, here's what to do:

1. Call the Rodeway Inn (Rodeway Inn, 1115 N. Curtis Road, Boise, ID 83706)now at 208-376-2700 for your room reservations. Be sure to tell them you will be attending the National Radio Club convention. Remember that the program events start Friday morning, August 31, and the convention winds up after lunch on Sunday, September 2. You can stay longer, of course, but I know many people like to beat the Labor Day traffic rush on Monday. The room rate, including tax, for one person is \$67.75 -- but the great news is that two can stay in the same room for exactly that same total price! And a third person can be in the room for only an additional \$8; \$20.34 if you want a roll-away bed. So three people could split a room for less than \$30 a night if you want to make those arrangements.

MOST important: You **MUST** make your room reservation by August 15. We will be checking with the Rodeway Inn that day to make final plans for the weekend.

2. You should also send in the Convention Registration payment by August 15. Be sure to include your name, mailing address, a phone number and your e-mail address if you have one. We need all those things so we can notify you of any last-minute change in the plans. The Registration fee is \$15, and if you're bringing a spouse, the spouse will only be charged \$10! Children get in free.

The fee should be made payable to the National Radio Club, PO Box 5192, Sun City Center, FL 33571-5192. You may also register and pay via Paypal from our website

<http://www.nrcdxas.org>; just follow the links. If you use the mail, be sure to allow enough time to get your payment to us by August 15 so we don't cut you off.

3. You can start mailing things for the annual auction at any time. The mailing address for auction items is: Mr. Frank Aden, 4096 Marcia Place, Boise ID 83704

We're looking forward to seeing everyone at this exciting new location and hope it will mark the beginning a new and fresh thinking for how conventions should be run in the future.

Thanks to Mapquest ... the star marks the approximate location of the convention hotel, the Rodeway Inn.



National Radio Club

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- ***DX News*** Publisher/Editor - Paul Sweartingen (plsBCBDXER@aol.com) - P. O. Box 5711 - Topeka, KS 66605-0711; 785-224-6907 [voice mail], 785-266-5707 [prepaid] (Contributions to DX News; requests for replacement copies of DXN; 1st-class stamp(s) for sample DXN; DXN changes of address; \$ for DXN/e-DXN renewals or new subscriptions; subscription status inquiries)

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- **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)

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- **e-DXN.com**: To subscribe: Access the e-DXN 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: check, money order, or credit card (via PayPal - access www.nrcdxas.org ONLY and follow the links), or cash only at your risk.

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