



December 25, 2004 - Volume 42, Number 15a - Edition 1337 - ISSN 899-9733

**EIC Notes**

IRCA welcomes: **Dave Korinek** of Mountain Terrace, WA (good to see you back Dave-pb.) SDXM only this time, just in case you forgot (like me!!)

**New from the IRCA reprint service.** "IRCA REPRINTS ON CD"!!! 648 Reprints. The entire set, now on one CD. Only \$10.00 (US/Canadian IRCA members, overseas contact Lee.) Categories include: Antennas, Domestic, Foreign, History, DX Lists, Receivers and Receiver Modifications, and Technical. Send to: **IRCA Reprints, c/o Lee Freshwater, 414 S.E. 3 RD ST, Ocala, FL 34471.** Allow 3-4 weeks for delivery.

**NEW IRCA TIS/HAR List!!! 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. Get your copy now from the IRCA Bookstore for \$8.50 (IRCA members), Overseas, add \$3.00. Non-IRCA members, add \$1.00. IRCA Bookstore, 9705 Mary Ave NW, Seattle WA 98117-2334 (checks payable to **Phil Bytheway**.)

**NOTICE OF UPCOMING ELECTIONS**

**Ray Bauernhuber** - Election Committee Chairman

From December 1, 2004 thru January 15, 2005 nominations are open for the next two-year terms for President, Secretary-Treasurer, and the seven (7) members of the Board of Directors. Only one nomination each for President, Secretary-Treasurer, and only seven (7) nominations for the Board of Directors shall be allowed each IRCA member. An eligible member may nominate him/herself. All nominations must be submitted in written form (letter or e-mail) to the Election Committee Chairman (ECC) by January 15, 2005.

Please direct all nominations to:

**Ray Bauernhuber**  
151-64 18th Avenue  
Whitestone, NY 11357-3102  
e-mail: [DXRADIO@webtv.net](mailto:DXRADIO@webtv.net)

In This Issue:	
EIC Notes...	1
Election Info...	1
DX Tests...	1
Western DX Roundup...	3
Central DX Roundup...	6
Eastern DX Roundup...	7
DX WorldWide - West...	9
DX WorldWide - East...	10
DX Forum...	10
IRCA Contest Standings...	11
Website Wanderings...	11
DX WorldWide - II...	12
AM IDs Needed...	15

**DX Tests - Les Rayburn - les@highnoonfilm.com**

Daily	0255-0305	1220	WRIB	Providence RI	(Healy)
12/15/04+	0915-1445	1620	WB3XNN	Milford PA	(Schmidt)
12/22/04	0200-0400	1060	KTNS	Oakhurst CA	(IRCA)
1/ 9/05	0000-0200	990	WXCT	Southington CT	(Barnes)
1/ 9/05	0200-0330	560	WFIL	Philadelphia PA	(Tetro)
1/24/05	0200-0600	1530	KFBK	Sacramento CA	(IRCA)

Lots of DX Test related news to report. Please read each item carefully, as there are individual circumstances with each test. If you have questions, feel free to e-mail me directly. [les@highnoonfilm.com](mailto:les@highnoonfilm.com).

Our sincere thanks to Mr. Rene Tetro, Mr. Larry Gamble, Mr. Ross du Clair, and Mr. Ron Barnes for arranging these tests. DX'ers everywhere are very grateful!

73 and Good DX, **Les Rayburn, N1LF, IRCA CPC Chairman**

**WRIB 1220khz Providence RI TEST.** Daily, from 2:55am-3:05am EST - WRIB-1220 - Providence, RI. Craig Healy reports that the long running DX test at WRIB 1220 in Providence, RI continues to run daily from 02:55AM EST until 03:05AM EST. WRIB automatically switches to daytime power and pattern (1KW ND) during the top of the hour.

Reception reports (with return postage) may be sent to:

**Craig Healy, NG1U**  
WRIB  
200 Water St.  
East Providence, RI 02914

OR

**WWW: <http://www.wrpb.com>**  
(Arranged by **Craig Healy, NG1U** and **AM-DX.COM**.)

**WB3XNN 1620khz Milford, PA TEST.** Date(s): About December 15th thru end of January. Time: Non-Critical Hours 09:15AM EST until 1445PM EST. Modes of Operation: 1KW Daytime Non-Directional. Programming: Un-Modulated Carrier with ID's at TOH.

Test is being conducted by Digital Radio Engineering for field intensity experiments concerning area ground conductivity. A full DX Test will be conducted (hopefully at night) before the competition of measurements in January.

Below is the full text received from Dave Schmidt:

WB3XNN - 1620 kilohertz should be on the air about December 15th. This station licensed to Milford, PA (near Port Jervis...) is being operated for field intensity measurements of the ground conductivity in the area. This will be operating during non critical hours (approx. 0915 til 1445) with an unmodulated carrier, ID's given on the hour. Power will be 1000 watts into a 50 foot top loaded single tower. (For those in to lower currents, that adds up to 8.8 amps at 14 ohms!) Tests should continue through the end of January.

Reports can be sent to Dave Schmidt c/o: Digital Radio Engineering, 2927 US Route 6, Slate Hill, NY 10973

**KTNS 1060khz Oakhurst, CA TEST.** Date: December 22, 2004. Time: 0200-0400 EST (2 Hour Test.) Modes of Operation: 5KW Daytime Non-Directional. Programming: Morse IDs, Voice IDs, Sweep Tones, Old Television Theme songs. Morse Code ID's are at both 10WPM and 5WPM, 1000hz.

Test is being conducted by Mr. Larry Gamble, station owner/operator who will be retiring soon. He has done several DX Tests over the years. Mr. Gamble would prefer to verify reception reports via e-mail only. Written reports or short MP3 clips are sufficient for verification.

Send e-mail reports to: Larry W. Gamble: [mtkaat@sierratel.com](mailto:mtkaat@sierratel.com).

Tests Notes: Oakhurst is located in Central California near the Yosemite National Park. Past DX tests have resulted in reports from most of the Western US. Note too the use of television theme songs as program material. Hopefully these will be easier to pull out of the noise. An example might be the theme from the Addams Family, etc.

**ANOTHER DUAL STATION TEST NIGHT-MARK YOUR CALENDARS**

**WFIL 560khz Philadelphia, PA TEST.** Date: January 9, 2005. Time: 02:00-03:30 EST. Modes of Operation: 02:01 - 02:30 7.1KW Daytime Directional Pattern. 02:31 - 03:00 2.5KW Non-Directional. 03:00 - 03:30 Off Air to allow DXers in our region of the country to DX other stations on 560 kHz. Programming: Morse IDs, Voice IDs, Tones, Marching Band Music - Stars and Stripes Forever, Washington Post March, Liberty Bell March (the old Monty Python Theme.)

Reception Reports for the WNTP and WFIL tests should be sent to Rene Tetro by email at [rtetro@pobox.com](mailto:rtetro@pobox.com) or by snail mail at:

**Rene' Tetro**  
Chief Engineer  
WNTP-WFIL  
117 Ridge Pike  
Lafayette Hill, PA 19444-1901

Mr. Tetro will be sending out newly designed QSL Cards for each station with a special label/stamp on the reverse side noting the special DX Test to those who respond.

**WXCT 990khz Southington, CT TEST.** Date: January 9, 2005 (Late Sunday night into Monday morning.) Time: 00:00AM EST to 02:00AM EST (2 Hour Test.) Modes of Operation: 00:00-00:30 Full day power 2.5kw and pattern. 00:30-01:00 1kw Non-Directional. 01:00-01:30 80 Watts Directional Night Pattern 01:30-02:00 Off air to allow locals to DX 990khz. Programming: Mixture of Morse Code ID's, unique test tones, voice announcements and "most notably, you will hear music never heard before and probably never again on the radio!"

This special test is being conducted Mr. Ron Barnes, the Chief Engineer. The test schedule makes it obvious that Mr. Barnes is very interested in seeing how the station performs over the entire test. If you can, try to observe how the signal changes strength as the power is reduced and include that information in your reports.

Any reception reports should be sent to:

WXCT AM 990  
440 Old Turnpike Road  
Plantsville, CT 06479  
ATTN: Ron Barnes CE

Information about this test comes from a posting by Mr. Barnes to the "Radio-Info DX Web Board" and several e-mails exchanged with Mr. Barnes and noted DX'ers. Word is that the "full test" will go on as scheduled, with last Friday's brief test being a bonus for alert DX'ers.

**KFBK 1530khz Sacramento, CA TEST.** Date: January 24, 2005. Time: 0200-0600 EST (4 Hours ID's ONLY Test.) Modes of Operation: 50KW Night Time Directional Pattern. Programming: :60 and :30 Morse Code and Phonetic Voice ID's Only during program breaks.

This special test is being conducted by Ross du Clair, Ph.D.,- WA6VWY, who is the Chief Engineer for "News Talk 1530" and other Clear Channel stations. Due to programming commitments, test will be limited to commercial breaks only during regular programming. ID's will consist of both Morse Code at 10WPM, 1000hz and phonetic voice announcements... such as:

"This is Kilo Foxtrot Bravo Kilo".

Reception reports should again be submitted via e-mail directly to Mr. du Clair at: Duclair, Ross: [rossduclair@clearchannel.com](mailto:rossduclair@clearchannel.com).

### WESTERN DX ROUNDUP

**Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755**

E-mail: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

WDXR DEADLINES: Each Friday. Please use Eastern Time.

#### REPORTERS FOR THIS ISSUE:

- (RA) **René E. Auvray**-Henderson, NV  
General Electric P2900A and Grundig Yacht Boy 400 P.E.
- (BB) **Bill Block**-7716 E. Thelma Dr.-Prescott Valley, AZ 86314 [billwblock@msn.com](mailto:billwblock@msn.com)  
R-390A, HQ-140, FRG-7, 150, 100 and 55 foot long wires
- (MF) **Martin Foltz**-25102 Pradera Drive-Mission Viejo, CA [martin.foltz@qlogic.com](mailto:martin.foltz@qlogic.com)  
HQ-180A with 1 foot air core loop
- (LG) **Larry Godwin**-2390 Clydes Dale Lane-Missoula, MT 59804 [lbg@mtwi.net](mailto:lbg@mtwi.net)  
Hammarlund HQ-150, Sanserino air-core box loop & Kiwa loop
- (GH) **Glen Hansen**-1925 Tualatin St.-St. Helens, OR 97051 [skinner@columbia-center.org](mailto:skinner@columbia-center.org)  
Hammarlund SP-600, Drake R8B, Collins R-390A, various longwires, amplified Sanserino air core loop, RS loop
- (PM) **Patrick Martin**-P.O. Box 843-Seaside, OR 97138-0843 [mwdxer@webtv.net](mailto:mwdxer@webtv.net)  
Drake R8, 1500' Eastern Beverage, 40' vertical for phasing, MFJ 1026 phaser
- (CM) **Curtis McMenamin**-153 Calle Tepic-Vacaville, CA 95687-6530  
Sony ICF-2010, Radio West loop
- (5P) **Dale Park**-DX'ing from East Honolulu, HI [DXFool@aol.com](mailto:DXFool@aol.com)  
Honda car radio
- (DP) **Doug Pifer**-3410 Marion St. SE-Albany, OR 97322 [oregon4wd@comcast.net](mailto:oregon4wd@comcast.net)  
Drake R8B, Kiwa loop
- (NP) **Nigel Pimblett**-Box 168-Dunmore, AB [ntp@shockware.com](mailto:ntp@shockware.com)  
DX'ing from Lamont, AB with Kenwood R-5000, Beverage antenna, K9AY Kenwood R-5000, Kiwa loop. SW Beverage
- (MS) **Mike Sanburn**-P.O. Box 1256-Bellflower, CA 90707-1256 [mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com)  
GE Superadio II

#### OF SPECIAL INTEREST

- 620 KIPA **HI**, Hilo 12/5 1755 noted for first time since Oct. 2003, apparently testing with a relay of sister station KKOA-FM 107.7 with its satellite country format. Mentioned "The Best Country Around" several times and associated website (ABC network), slogan "Hawaii's Koa Kountry" (koa is a type of wood and is also Hawaiian for "warrior"). Top of hour ID only mentioned KKOA-FM. Station not on the air on subsequent days. Per phone call 12/8, station spokesman did not say which transmitter was in use or when station would be back for good. (5P-HI)
- 1490 KVAC **WA**, Forks 12/11 0318 poor, ID and man talking about??? New. I called KVAC and they are on the air 24/7 with classic country according to the program director. (DP-OR)

- 560 KSFO **CA**, San Francisco 11/29 2358 ad for National Guard, "Hot Talk KSFO," very weak. First time heard. (RA-NV)
- 630 KFXD **ID**, Boise 11/29 2318 ID followed by a country song, fair. (RA-NV)
- 680 KFEQ **MO**, St. Joseph 12/12 0058 fair with KNBR phased with cluster of spots, "The Talk of St. Jo 6-80 KFEQ, into promo for local talk show Sat. 12/12. New for me. (PM-OR)
- 700 WLW **OH**, Cincinnati 12/5 0017 ad string, call ID, ad for college in Cincinnati, into talk program. (NP-AB)
- 760 WJR **MI**, Detroit 12/5 0058 call ID, piece mentioning Salvation Army is looking for 300 volunteers in metro Detroit. (NP-AB)
- 770 WABC **NY**, New York 12/5 0104 ABC news, then WABC ID through heavy CHQR interference. (NP-AB)
- CFLD **BC**, Burns Lake 12/12 0629 weak with adult contemporary, "From... to... we're BV-LD," local ads. New. (DP-OR)
- 790 KABC **CA**, Los Angeles 11/29 2059 Dan Avey reading news, Scott Nerff (a.k.a. Captain Jorge) reporting traffic. Extremely weak. (RA-NV)
- 810 WHB **MO**, Kansas City 12/5 0202 basketball commentary, ID as "Sports radio 810, WHB" going into a break. (NP-AB)
- WGY **NY**, Schenectady 12/5 0033 "...radio 810 WGY" heard through a couple of others. (NP-AB)
- 870 KRLA **CA**, Glendale 12/7 0830 good with "Newstalk KRLA" ID. (CM-CA)
- 890 WLS **IL**, Chicago 12/12 0205 totally dominant over a weak KDXU with YL with weather, ID "Newstalk 8-90 WLS." I haven't heard WLS this strong in years! (PM-OR)
- KDXU **UT**, St. George 12/7 0930 good with "KDXU" ID. (CM-CA)
- 920 KVEC **CA**, San Luis Obispo 12/13 0914. ID "News you can count on, KVEC." (BB-AZ)
- 940 KNNZ **UT**, Cedar City 12/13 heard with ID at 1959:50 "Newstalk 940, KNNZ Cedar City" into USA news, then local spots and promos at 1905. Fairly good on top of jumble. For some reason I don't think I have heard this before, which is odd. With 10kw at LSS, I would have thought I should have heard it in the past. I have KSUB-590 but not KNNZ before. This is new for me. (PM-OR)
- CJGX **SK**, Yorkton 12/11 0110 C&W with several "GX 94" ID's and lengthy2 news, weather & sports report. Fair to good 80% above Mexican pest. (GH-OR)
- 970 KBUL **MT**, Billings 12/13 topping KUPL with ID at 0259:50 "This is Billings home for Rush Limbaugh, Dr. Laura, Michael Reagan and the Morning Bulletin. Newsradio 9-70, KBUL AM Billings. A Clear Channel Station," into ABC news. (PM-OR)
- 990 KRKS **CO**, Denver 12/4 1858 promo for "Insight for Living" program, ads, ID as "Denver's Christian station, 990 KRKS, Denver, a service of Salem Communications." (NP-AB)
- 1010 CBR **AB**, Calgary 11/30 0004-0007 noted temperature in C, Alberta Province plus Canadian cities, noted a BBC report on the Ukraine election, into a CBC show. Fair, out then weak. Note: may have been the unknown station I had as unID. (RA-NV)
- 1020 KDKA **PA**, Pittsburgh 12/5 0121 local phone-in program with "Newstalk 1020 KDKA" ID by host between calls. (NP-AB)
- 1060 KDUS **AZ**, Tempe 12/14 heard briefly on top with Sporting News Radio, local spot mentioned "The Deuce" at 2319. 500 watts. (PM-OR)
- KTNS **CA**, Oakhurst 12/14 played Stardust by Nat King Cole, followed by the announcer mentioning "Kittens" at 2315. Listed as 23 watts at night. (PM-OR)  
+12/15 0802 with ID only "KTNS." (BB-AZ)
- KHBC **HI**, Hilo 12/14 mixing & briefly on top of others with "Cowboy Christmas" a C&W tune, followed by "KHBC Memories" ID in English & Hawaiian at 2316. (PM-OR)
- KKVV **NV**, Las Vegas 12/16 0915 with religious program "Leading the Way" and ID at 0926 "KKVV," on top of KDUS. (BB-AZ)
- KYW **PA**, Philadelphia 12/5 0141 traffic report from "KYW 24 hour traffic center," time check, spot for career in nursing. (NP-AB)
- 1070 KATQ **MT**, Plentywood 12/12 heard with Bob Kingsley's Top Country Countdown at 1900. Local break at 1929 with "its 5:29 and you're listening to KATQ Plentywood." Aren't they on a bit late? They are listed as a 5kw daytimer from LSR to LSS. 12/16 2130 heard very strong again with HS basketball game between Plentywood & Medicine Lake. Unneeded, but not common. (PM-OR)  
+12/12 1945 fair over/under KNX "American Country Countdown" with Bob Kingsley. At 1700 local "This is KATQ Plentywood, your local forecast..." Thanks to Patrick Martin. New. (DP-OR)
- 1080 KVNI **ID**, Coeur d' Alene 12/4 1753 oldies music, ID as "The Mighty 1080, KVNI." (NP-AB)
- KSSL **UT**, Price 12/7 0900 good with KSSL ID and country music. New. (CM-CA)
- 1140 WRVA **VA**, Richmond 12/5 0125 "Newsradio 1140 WRVA" ID, ad for Old Virginia Tobacco Company, Richmond's most experienced tobacco shop. (NP-AB)
- 1160 WSKW **ME**, Skowhegan 12/5 0328 had heard ESPN programming under KSL from about 0200 on, and finally got an ID "ON AM 1160 WSKW, The Score," ESPN programming. A new state for me, 45! (NP-AB) (Congratulations, a great catch!-NJ)

1170 KCBQ CA, San Diego 11/29 1945 announcing a radio show along with eating out in Escondido, CA. Unknown music station is Spanish took over. (RA-NV)

1210 KNWX WA, Auburn 12/4 1555 all news format, with slogan IDs as "The News Station." Legal ID at the hour as "1210 KNWX, Auburn-Seattle." (NP-AB)

1230 KJQS UT, Murray 12/14 0930 with ID only "KJQS." (BB-AZ)

1240 KDLR ND, Devil's Lake a new catch on top at 2100 on 12/16. Man said "Since 1925, K-D (didn't hear L)-R." I phoned station to confirm. Nice lady said KDLR came on that year and was the second AM station in ND; WDAY was the first. She also said KDLR just installed a new transmitter. (LG-MT)

KEJO OR, Corvallis was just in for a minute on 11/20 at 0758 with ad for South Pacific Auto Sales in nearby Albany. I phoned station to confirm this new logging. (LG-MT)

KRDM OR, Redmond 12/12 0030 legal ID and female voice jingle ID with talk show fluttering in the static. Another new graveyard. (GH-OR)

KQEN OR, Roseburg 12/10 0005 man said "1-2-4-0- KQEN, Newstalk Radio," back down into the jumble. Drake with E-W wire. (GH-OR)  
+12/11 0340 poor but clear in local KEJO null with news-talk-sports, ID at 0346. First new Oregon station this year. (DP-OR)

1280 KDOX NV, Henderson 12/14 2253 Spanish Nortena music, ID at 2201, fair. Heard with "La Nortena" slogan in Bullhead City, AZ on 12/12. (MF-CA)

KAQQ WA, Spokane 12/4 1406 a mixture of oldies and Christmas music, "Music of Your Life Holiday Style" slogan. "AM 1280 KAQQ" ID during ad break at 1822. (NP-AB)

1300 KROP CA, Brawley 11/28 2008 ID "Real country KROP," through KAZN, XEP QRM. (MS-CA)

KOLY SD, Mobridge 12/4 1735 ad for livestock auction, then ad for Aberdeen business, "AM 1300" and "KOLY" IDs, more ads, weather forecast, then yet more ads. (NP-AB)

1310 KMKY CA, Oakland 12/14 0105 just caught the "Radio Disney" ID in the familiar kid's voice. Barely atop the jumble for a moment. Weak! (GH-OR)

1330 KWLO IA, Waterloo 12/13 0414 briefly topping 1330 with "Stars 13-30 KWLO" ID into AS with Jo Stafford song. (PM-OR)  
+12/13 0754 with "KWLO" and into oldies and mixing with KLBO. (BB-AZ)

KNSS KS, Wichita 12/13 0320 fair on top of jumble "Rush Limbaugh weekdays on Newsradio 13-30 KNSS," spots, back into the Lars Larson program. Ex-KFH. (PM-OR)

KLBO TX, Monahans 12/13 0805 with ID "KLBO" mixing with KWLO. (BB-AZ)  
+12/14 heard with ID at 0405 "We're drillings for hits... KLBO Monahans," then lost in jumble. New for me. Thanks to Bill Block for the tip. (PM-OR)

1340 KLOO OR, Corvallis 12/14 2330 man gave "1340 Clue" ID with talk program in the jumble. 60% on top of unID's. New! (GH-OR)

KBBR OR, North Bend 12/13 0005 ad for ??? jewelry dealer and Dept. of Health. Drifting in & out of the jumble. Really weak and seldom heard. (GH-OR)

1390 KENN NM, Farmington 12/14 2046 talk program with several ID's mentioning news/talk, quickly faded out. (MF-CA)

1400 KNND OR, Cottage Grove 12/13 0020 C&W music, then man said "Proud to be part of the local community, 1400 K-N-N-D." Fair to poor but alone in the static. (GH-OR)

1410 KTME CA, Lompoc 11/30 2253 call letters given during break in the Neil Bortz talk show. I visited their tower site last year. (MS-CA)

1450 KWFM AZ, Tucson 11/27 2250 dominant over XECU and others with slogan "Good times, great oldies Cool 1450" into song "Hushaby." (MS-CA)

1490 KRKC CA, King City 12/11 0306 fair with many ads, country music, "The sound of KRKC." New. (DP-OR)

KTEL WA, Walla Walla 12/13 2241 heard with old rock, ID as "14-90 KTEL." (PM-OR)

1510 KFNN AZ, Phoenix 11/29 1949 call ID getting to business news after traffic reports. Strong, went out and returned. (RA-NV)

1520 KOKC OK, Oklahoma City 12/16 0600 fairly good on top with ID "Remember... talk 15-20 KOKC Oklahoma City." (PM-OR)

1530 WSAI OH, Cincinnati 12/5 1947 ad for retirement living north of I-275, other ads, then "1530 WSAI News First" by woman. (NP-AB)

1560 WQEW NY, New York 12/5 1939 Radio Disney programming, ads for Toys R Us, a new DVD, "World of Disney" store on 5<sup>th</sup> Avenue, invitation for NJ listeners to write, New York address to write with comments. (NP-AB)

KKAA SD, Aberdeen 12/17 now religion, ex-C&W, "Your Christian Voice 24 hours a day, KKAA Aberdeen South Dakota" at 0230. (PM-OR)

1570 KVTK SD, Vermillion 12/17 good on top of XERF with ESPN Sports, ID at 0359:50 "Your ESPN station, KVTK Vermillion." This one was a regular, but with XERF I have not heard KVTK for a few months. (PM-OR)

1600 KCKK CO, Lakewood 12/13 0307 quick ID "AM 1600 is KCKK." (PM-OR)

1610 WPWA784 MT, Three Forks 12/4 0254 info on zebra mussel, boating on Missouri River, ID with call and mentioning Missouri Headwaters State Park. (NP-AB)

1620 (WPGG527) CA, Lakewood 11/28 local powerhouse TIS has been off the air recently, leaving KSMH dominant at night with Idaho a close second. (MS-CA)  
WTAW TX, College Station 12/5 0400 top of hour ID as "WTAW College Station-Bryant" into CBS news. (NP-AB)

1630 ?KWKY? WY, Fox Farm 12/8 0109 with bits of country music in XEUT null, heard "K?Y AM 16-30" ID. (MF-CA)

1650 ?KBJA? UT, Sandy 12/14 0156 with Spanish music in KFOX null. Another one to keep trying for. (MF-CA)

1700 XEPE BCN, Tecate 12/5 0700 good with "Equis Eh Peh Eh" ID, also mentioning Baja California and Tecate. How many watts does this station put out? (CM-CA)

#### DX TEST

990 WNTP PA, Philadelphia 12/11 0001-0130 in poor with Morse code ID and also heard tones. Surprised to hear them from CA. PA #4. New. (CM-CA)  
+Heard DX test 12/11 0042 repeated Morse code ID's, followed by sweep tones at 0043, then more Morse code ID's at 0044. The second set of code was much weaker. This is during the second part of the DX test, when they were running 7kw ND. The 50kw directional part 0001-0030, there was not a peep of signal. CBW QRM. I am really pleased to hear this! (PM-OR)  
(WNTP)+DX test not heard. (BB-AZ)

1220 WRIB RI, Providence 12/11 0255-0305 in very poor with Morse code IDs. Last time I heard them was 8/10/04. Does anyone know if station is running Morse code? (CM-CA)  
(You are the only one I know of that has heard them-NH)

#### UNIDS

670 UNID 11/29 2017 a Spanish station heard. Is it the new 670 from Las Vegas or elsewhere? Fair reception. Who? (RA-NV)

720 UNID 11/26 0802 Spanish-speaker, likely a Mexican border station, strong with KDWN. Man gave ID as "La Estacion de la Raza." (LG-MT)

740 UNID 11/29 2305 heard a music station over KCBS. Appeared to be John Lennon/Yoko Ono. Maybe from Mexico or overseas? (RA-NV)

990 UNID 12/11 0010 running Radio Disney. No ID possible, mixing with CBW at times. Orlando? I logged them a few times in the past when CBW was off. (PM-OR)

990 UNID 12/11 0045 sports station here with guys yelling at each other, sometimes mixing with CBW. Montreal? (PM-OR)

990 UNID 12/11 0110 briefly with Michael Reagan talk show. (PM-OR)

1250 UNID 11/30 ID seemed to be KMEO at 0800. (LG-MT)

1440 UNID 11/29 1957 ad for Bill O'Reilly show. No ID heard. Who carries Bill O'Reilly on this channel? (RA-NV)

1690 UNID 11/29 2015 a Radio Disney station (similar to KAVT-1680) at the same time having the same show. Heard this in L.A. (Rancho Palo Verdes, CA). Who carries Radio Disney on 1690? (RA-NV)

A special note to those who hand write their WDXR reports, please write clearly. Lately there have been some nearly unreadable reports submitted to the column. I try to "guess" what the reporter has written, but sometimes it is very difficult. What I simply can't read at all will be omitted. Happy Holidays to everyone. Nancy 12/17 2100

### CENTRAL DX ROUNDUP

**John C. Johnson – 265 Waterton Wy – Billings, MT 59102-7755**

E-mail: [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net) CDXR reports ONLY: [cdxr@prodigy.net](mailto:cdxr@prodigy.net)

#### RIDING GAIN

[NJ-MT] **Nancy Johnson**, Billings, MT [NancyJohnson@Prodigy.net](mailto:NancyJohnson@Prodigy.net)  
Drake R8B, Kiwa loop.

[JJR-WI] **John J. Rieger**, South Milwaukee, WI [JohnJRieger@WebTV.net](mailto:JohnJRieger@WebTV.net)  
<http://DX-midAmerica.com> <http://DXMWW.com>  
Drake R8, Icom IC-R75, Icom IC-T70, Kenwood R1000, Yaesu FRG100.  
Kiwa loop, 100' longwire, Terk AM 1000 Loop, MFJ-959B, GE Superadio III.

[MS-MB] **Morris Sorensen**, Winnipeg, MB [mosor2002@shaw.ca](mailto:mosor2002@shaw.ca)  
Hammarlund HQ-150 with SM-2 Space Magnet Loop.

#### DOWN THE DIAL

610 WAGG AL, Birmingham. 12-18 fair. 05:11 with ID, "Heaven 6-10" slogan. [JJR-WI]



680 WCNN GA, North Atlanta. 12-17 fair. 17:08 with "6-80 the Fan, Atlanta's Sports Station" slogan into promo. New for me. [JJR-WI]  
 830 WTRU NC, Kernersville. 12-17 poor way under WCCO. 07:30 with "AM 8-30 The Truth" slogan, ID into religious show. New for me. [JJR-WI]  
 880 WBKZ GA, Jefferson. 12-18 poor. 07:55 with "...old school... Dusty Daryl... WBKZ." Older R&B music format. New logging for me. [JJR-WI]  
 930 WRVC WV, Huntington. 12-17 poor over others. 18:05 with ID, weather. [JJR-WI]  
 950 WWJ MI, Detroit. 12-13 very poor in CFAM partial null. 21:00 with ID mentioning that they are Michigan's only all news radio station. Only the second time I've heard them here in Winnipeg. [MS-MB]  
 970 WDAY ND, Fargo. 12-12 very poor, but clear. 08:00 with mention of the "Fargo-Moorehead" area. Rare here. [JJR-WI]  
 1170 WFGO SC, Lexington. 12-17 poor to dominant over WWVA. 07:16 with ID, promo. Gospel format. [JJR-WI]  
 1210 WILY IL, Centralia. 12-17 poor in and out with WPHT. 08:11 with ID, oldies. [JJR-WI]  
 1400 KKTL WY, Casper. 12-13. 20:00 with weather, "The Zone" slogan, ID into Fox Sports programming. [NJ-MT]  
 1470 KKTY WY, Douglas. 12-14 poor through others. 21:04 with local news, KKTY ID, "Classic 14-70" slogan. [NJ-MT]

**25 YEARS AGO**

December 22, 1979 issue of IRCA's "DX Monitor" ... **Ernest R. Cooper** of Provincetown, MA said he was 61 ... **Bill Wurtzel** of New York, NY bought a Grundig Elite Boy 700 ... **Joe F. Jergel** of San Francisco, CA said he was 29 and had been DX'ing since 1963 ... **Bill Townshend** of Washington, DC logged WARO 540 which he last heard in 1949 when he was in high school.

**OPEN MIKE**

Nancy and I wish all of you a Merry Christmas! This column was typed 12-18-05. 73, John

**EASTERN DX ROUNDUP**

**Lee J. Freshwater – 414 SE 3rd St. – Ocala, FL 34471**

E-mail: [lfreshwater@cox.net](mailto:lfreshwater@cox.net)

Deadlines: Every Saturday @ 0800

**STARS OF THE WEEK**

(WJH-MD) **Bill Harms** 6009 Bauman Dr Elkridge, MD 21075-5501  
**wharms@comcast.net** Drake R-8b Homebrew K9AY  
 (RCE-IN) **Rick Evans** 7416 Hearthstone Way Indianapolis IN 46227-7923  
 (WM-MD) **William McGuire** 2412 59th Place, Cheverly MD  
 DX-398  
 (HN-GA) **Herb Newberry** 107 Trojan Road, Milledgeville, GA 31061  
 Kenwood R-5000, Quan Loop, 700' L.W.  
 (RL-MI) **Rich Line** Sterling Heights, MI 48313  
 R8B, 90' LW NS  
 (RW-KY) **R.C. WATTS** 4109 Graf Dr., Louisville., KY 40220  
 CC Radio, RS Loop

**LOGGINGS**

550 AL WASG Atmore 12/11 1800 Legal ID "WTVJ Pensacola and WASG Atmore.." Fair. (HN-GA)  
 VA WWSA Harrisonburg 12/14 1655 "Newsradio 550"; ID. (WM-MD)  
 740 KY WNOP Newport 12/04 1900 EWTN hrd; ID. (WM-MD)  
 800 ON CKLW Windsor 12/11 0042 Local weather forecast, then into Coast-to-Coast AM. Good "AM 800. CKLW, your information station." (IEN-GA)  
 830 MN WCCO Minneapolis 12/13 2336 Local weather forecast. Very good signal. "WCCO Radio". (IEN-GA)  
 850 CO KOA Denver 12/04 2204 Colorado/Ok FB. (WM-MD)  
 910 TN WEPG South Pittsburg 12/14 2355 Local ads; C&W mx; Local ads. (WM-MD)  
 920 SC WYMB Manning 12/14 1855 Local ads; ESPN Radio; The Fan. (WM-MD)  
 960 PA WHYL Carlisle 12/10 0650 After song, ID. (WM-MD)  
 970 OK KFCO Tulsa 12/14 0330-0400 poor u/WGTK KY with rel. music and Chuck Colson. (RCE-IN)  
 990 TX KMSR Wichita Falls 12/11 0000 CNN Radio Network News. Good signal. "AM 990, Texas Talk Radio". (IEN-GA)

(This should be listed as Farmersville, TX- ed)  
 1030 AR KFAY Fayetteville 12/12 1849 Male announcer with promo for Rush Limbaugh at 11 on 'AM 10-30 KFAY,' Time check, and into a news item about a car bombing in Israel. QRM from XEQR and a mostly nulled WBZ. (WJH-MD)  
 TX KCTA Corpus Christi 12/16 1923 over WBZ signing off 50,000 watts station and WOG496 link on barefoot Grundig YB400PE. (RCW-KY)  
 1050 WV WADC Parkersburg 12/08 2005 ID hrd in mess. (WM-MD)  
 1080 KY WKJK Louisville 12/08 2100 End of talk show; "Clear Channel Talk Radio" ID; Good in WVIC Null; New. (WM-MD)  
 1090 AR KAAV Little Rock 12/11 1822 "Arkansas Radio Network" News; Then pattern change. In WBAL Null. (HN-GA)  
 1150 AL WJRD Tuscaloosa 12.15 1648 poor with ID. (RCE-IN)  
 KY WMST Mount Sterling 12/14 0705-+0710 fair with regional KY news and area spots. Lost to WCRK TN. (RCE-IN)  
 LA WJBO Baton Rouge 12/11 1830 Many "Newstalk 1150 WJBO" ID's In depth news Lots of promos. Good in fades of local WXKO. (HN-GA)  
 1160 KY WBOB Florence 12/174 0800 strong with traffic report and ID over WYLL. (RCE-IN)  
 1200 PA WRKK Hughesville 12/04 0333 Prom for Dean Edell; ID; //1400 New. (WM-MD)  
 1240 PA WRTA Altoona 12/9 1530 Woman announcer delivering Pennsylvania news and a local weather forecast. ID at 1532:30 as "That's the forecast for Altoona's... weather station WRTA. I'm (Helen Weissberg.)" This was followed by the Sean Hannity show. (WJH-MD)  
 1260 IN WNDE Indianapolis 12/09 2146 Sports news mixed with Radio Disney. Decent signal. "Sports Radio 1260, WNDE". (IEN-GA)  
 1290 DE WWTX Wilmington 12/14 2140 End of Sixers NBA game. (WM-MD)  
 WI WKLJ Sparta 12/13 0725-0730 strong with talk show. Heard again 12/17 2100 poor with high school basketball. (RCE-IN)  
 1330 SC WYRD Greenville 12/11 1848 Promo "on News Radio 950 and 1330 (WORD) WYRD." Good on Phasor with slop nulled. (HN-GA)  
 WV WETZ New Martinsville 12/11 1800 ID by male announcer as 'WETZ, New Martinsville' into network news. Fair in the mess. (WJH-MD)  
 1340 NC WJRI Lenior 12/9 0600 ID by male announcer as 'You are listening to Newstalk 13-40 WJRI, Lenior.' On top of channel at TOH. (WJH-MD)  
 1350 GA WFNS Blackshear 12/11 1858 "ESPN Radio for SE GA, ESPN 1350 and 790" WFNS 790 is // to WFNS Quick fading on Phasor. Not a day-timer here. (HN-GA)  
 1360 IL WGFA Watseka 12/13 0815 good thru WCKY with local/reg. News. (RCE-IN)  
 1370 GA WGHC Clayton 12/11 1906 Singing jingle, ABC Stardust Christmas NOS mx. On after hours Rare anytime. (HN-GA)  
 1380 NC WKJV Asheville 12/10 1558 ID by man as King Radio and WKJV Asheville, into weather forecast. Fair to good but on top. (WJH-MD)  
 TN WLTM Millington 12/17 1735-1750 decent over Radio Disney with Urban Gspl talk show, "Love 1380" slogans, mentioned website [www.love1380.com](http://www.love1380.com). (RCE-IN)  
 1390 NC WADA Shelby 12/15 1900 Classic country tunes. Good signal at times but suffered from severe fading. "Classic country, AM 1390, WADA Shelby." (IEN-GA)  
 1400 VA WINC Winchester 12/10 1526 Sean Hannity Show, local ad break, and long string of ads and frequent IDs. Heard with fair signal under a nulled WWIN. (WJH-MD)  
 1420 NY WACK Newark 12/9 0700 Station had spot for hiring a board operator. ID as '14-20 WACK' was heard during spot. D also was possibly hrd at TOH. and out of the channel mess. (WJH-MD)  
 1430 IN WXNT Indianapolis 12/16 1830 Local weather, then into The Michael Savage Show. Decent signal in and out of the mix. "Newstalk 1430, WXNT". (IEN-GA)  
 1450 NY WWSC Glen Falls 12/15 0558 Weather Forecast, short Christmas tune, legal ID 0600, news after TOH. O/all for the duration. (WJH-MD)  
 1470 MS WNAU New Albany 12/12 2055-2105 oldies, ID then ABC News, fair-poor with WMBD. (RCE-IN)  
 1490 PA WESB Bradford 12/9 0800 TOH legal ID as 'WESB Bradford..Radio 14-90. The 'Radio 14-90' part might have been from another stn. (WJH-MD)  
 WV WSBG Sutton 12/14 0507 ID by a male announcer as 'Good morning... the Buzz, WSBG' and possibly into a weather broadcast. Said high in the 20's. (WJH-MD)  
 1550 KY WIRV Irvine 12/15 0503-0513 poor w/regional news. (RCE-IN)

1620 IN WHLY South Bend 12/14 2236 MOR Format in a mix of others. Decent signal.  
 "...America's best music, WHLY". (IEN-GA)  
 1650 IA KCNZ Cedar Falls 12/04 2345 Local weather forecast. Good signal "...your Cedar  
 Valley forecast, KNCZ". (IEN-GA)  
 1660 MO KXTR Kansas City 12/16 0430-0500 poor w/classical music u/WQSN MI and  
 WFNA NC. (RCE-IN)  
 1680 MI WDSS Ada 12/04 1520 Radio Disney fare. Good signal. "Your family fun station,  
 AM 1680, WDSS". (IEN-GA)  
 NJ WTTM Princeton 12/16 0505-0513 w/ethnic programming, "EBC Radio" slogan.  
 (RCE-IN)

**UN-IDEN**

960 ?? ???? 12/05 1927 "Oldies 96 heard. (WM-MD)

**DX TESTS**

990 CT WCXT Southington 12/13 0117-0128 Morse. (RL-MI)

\*\*\*\*\*  
 Busy week as we get ready for the Holidays. Leaving tomorrow for Phoenix and a quick customer visit. Back in the office Wednesday then off for the Holiday. Nice to hear from everyone this week. And a special welcome to Rich... hope you all saw the notice that the IRCA Reprints are now available on CD!!!! Only \$10.00. It's the deal of the century!!!! See u in 7 and Happy Holidays FRESH 12/18 1700

**DX WORLDWIDE – WEST / TROPICAL BAND DX**

**Patrick Martin – P.O. Box 843 – Seaside OR 97138**

E-mail: [mwdxer@webtv.net](mailto:mwdxer@webtv.net) all times UTC

Greetings and happy holidays to everyone,

A tragic accident happened on Sunday 12/19, the KFI-640-LA tower was hit by a small plane taking it down. As I type this they are operating at reduced power from an aux site using a short tower. I have no idea how long they will be operating from this site, but it may give the DXer a chance to log some new DX on 640.

In other news, the ABA in Australia, from David Ricquish in NZ, all three Launceston Tas, Australian stations are moving to FM, probably in early 2005. This includes 7NT-711, 7EX-1008, and 7LA-1098. I have two out of the three, needing only 7EX, but with poorer Pacific reception the last few years, I doubt I will log 7EX. But who knows? On with the catches. Bill Block of AZ saved the day with his XE catches. So away we go.

**PAN-AMERICAN DX ROUNDUP**

640 **MEXICO**, Fresnillo, XEYQ from with "Radio Fresnillo" ID at 2359 12/19 They also used a "Radio Uno" slogan at 2345, along with another station also using a Radio Uno slogan, maybe XEHHH? (BB-AZ)  
 670 **MEXICO**, Torreon, Coah XETOR 12/14 0140 with Rancho music, male-female and slogan at 0145 "Radio Rancho" (BB-AZ)  
 860 **MEXICO**, Monterrey, NL hrd 12/18 0221 with slogan "Radio Recuerdo" and then into trid. Mexican mx and ballads, very strong on top of Tijuana. (BB-AZ)  
 890 **MEXICO**, Comitan Chia, hrd 12/18 0254 with slogan "Radio Frontera" by female and then into Rancho mx mixing with KDXU/KLFF. (BB-AZ)  
 1200 **MEXICO**, Hermosillo, Son XEYF hrd 0326 12/15 with slogan "Radio Formula" and ID at 0329 "XEYF Radio Formula" great signal on top of WOAI. (BB-AZ)  
 1250 **MEXICO**, Hermosillo, Son. XEDL hrd 12/15 0349 with slogan "La Fuerza de la Palabra" great signal and on top. (BB-AZ)

**THANKS TO THIS REPORTER**

BB-AZ - **BILL BLOCK**, 7716 E. Thelma Drive, Prescott Valley AZ 86314 [billwblock@msn.com](mailto:billwblock@msn.com)  
 Receivers: R390A, HQ-140-XA, FRG 7  
 Antennas, 150, 100, 55 foot longwires

**DX WORLDWIDE - EAST**

**Brandon Jordan – 4920 Park Ave. – Memphis, TN 38117**

E-mail: [bjordan@bcdx.org](mailto:bjordan@bcdx.org) all times UTC

After a few weeks of no loggings reported, I am very pleased to welcome you to another DXWW-East! Many thanks to Bill Harms for the great loggings for this issue. Although I used to listen to 4VEH often way back when they were on SW, I have never been able to get them on AM. I hope everyone had a fantastic Christmas weekend and best wishes to each of you in the coming New Year!

**\*\*\* PAN-AMERICAN DX \*\*\***

550 **JAMAICA** RJR, 12/15 0240 - Male Preacher heard // to 700 and 720 punching through the domestics. (wjh-MD)  
 690 **ANGUILLA** Caribbean Beacon, 12/13 0830e - Dr. Scott's sermon noted //6090. On top. [WJH-MD]  
 840 **HAITI** 4VEH, Cap Haitien, 12/14 0300 - Heard several religious songs and male announcer through WHAS and assumed Cuba. Played Greensleeves at 1022e IDed by comparing their audio stream at <http://4veh.com/listenlive.asx>. [WJH-MD]  
 1000 **COLOMBIA** HJAJ, Cartagena, 12/16 0400 - Heard end of a Nokia ad, followed by sound effects, then an ID as 'Radio Sucesos, RCN, Director: (Juan Gossain.)' Thanks to Alf Aardal of #MWDX, Jean Bunnell and Jay Novela for the ID confirmation. [WJH-MD]

**\*\*\* CONTRIBUTOR \*\*\***

**Bill Harms - wharms @ comcast.net**

[WJH-MD] = Elkridge, MD. Antenna system: homebrew K9AY; Receiver: Drake R8B.

That's all for this week. 73, Brandon.

**DX FORUM**

**Richard C. Evans – 7416 Hearthstone Wy – Indianapolis IN 46227-7923**

E-mail: [REvans5435@aol.com](mailto:REvans5435@aol.com) DEADLINES: Sundays

**R.C. Watts**, 4109 Graf Drive, Louisville, Kentucky 40220-3016

The WNPT DX Test last night was a blast. The music didn't show up much but the weird tones finally made it with a bit of CW. The QRM was good too with KMSR in Dallas and CBW in Winnipeg beating up each other. Had not heard KMSR before. Christmas arrived early for me. WJCR-90.1 FM in Upton, KY sent me their Christmas Collection CD. I usually end up with a pocketfull of Radio Shack gift cards. One guy who hunts on my farm sends some radio stuff when he can find it and Col. XYL's cleaning lady gave me a WGPR-107.5 The Rhythm fan for my birthday. Got it at a rock concert in Detroit, she said. I took down my outside antenna in anticipation of tree service and gutter work but it was rained out. Need it and the loop for the January DX Test from CT. My last year in the Air Force, 1971-72, was in Westover AFB, MA. I could hear all that northeast stuff but failed to QSL anything or even write it down. Guess I was too busy. Merry Christmas and a Happy New Year to you all. 73, Col. DX.

**Mike Sanburn** KG6LUJU, P. O. Box 1256, Burbank, California 90707-1256

[mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com). Greetings, Happy Holidays and New Year to all. Steve Janus and I discovered an antenna company on line: [www.isotronantennas.com](http://www.isotronantennas.com). They make product primarily for ham radio operations but their 160 meter model could be custom made for, and do nicely on the x-band. I'm glad to see a number of DX Tests lined up this season. KFBK-1530 is, of course, a nighttime pest here but I'll make it a point to tape record that one. Bob Wien and I attended this years Inland Empire Amateur Radio Club Christmas Banquet at the Cask and Cleaver restaurant in Rancho Cucamonga, CA. The real visual treat was that it is located right across the street from the studio and 4 towers of KSPA-1510. Looked nice at night all lit up in the light rain. Their signal does get chewed up by the sky wave of KGA. I certainly hope they keep their standards format for years to come.... Finally, I wanted to thank fellow IRCA board members for the yes vote on my convention bid. Officially, the 2005 IRCA convention will be held in Anaheim, California (in conjunction with Disneyland's 50th anniversary). Dates are Thursday Aug. 25th, Friday Aug. 26th. Sat. Aug. 27th (with Sunday being an optional free day for folks to go out and do the tourist thing). The hotel is the Days Inn at 1111 South Harbor Boulevard (a block north of the happiest place on earth), phone number is 714-533-8830 and the hotel website is [www.the.daysinn.com/anaheim04986](http://www.the.daysinn.com/anaheim04986). Registration fee will be \$25 payable to me, and the banquet will be at a nearby restaurant, B.Y.O.B. (buy your own bratwurst, hi). We'll have full use of the meeting room each day after 1000 when they clear out the comp. Continental breakfast service. Guest room rates should be in the \$49 range when you mention the convention. Larger suites are also available, as are Disneyland packages. Talk to manager for

details. Watch for more info in **DX Monitor**. Hope to see everybody there. It appears that we're halfway through another decade. 73 and best of DX.

**Richard Evans**, 7416 Hearthstone Way, Indianapolis, Indiana 46227-7923

Well... around the middle of October, I was speculating that I should have 400 heard by the end of the year. In November, I raised the bar to 500 heard by the end of the year. On 12/18, at 2100 ELT, WMJR-1380 KY became number 500. They were running EWTN programming. At the beginning of 2004, it would have been beyond my wildest dreams that I would hear 500 stations here in Indy, let alone hitting that mark at the end of the year. Of course, I also didn't think I would lose my job either. On 4/15, I had heard 177 stations. The increase of 323 is more than the total on each of 6 of the other 7 location logs I have maintained over the past 40 odd years. The one exception is the log from Gary, Indiana where I heard 1337 stations. The thing to keep in mind, though, is that the Gary log runs from 1966 into 1978, with a few added on in the early 1990s--new stations logged as I was driving thru Gary on the Interstate headed towards home in Milwaukee. That was a time when stations routinely ran frequency checks, equipment tests, and proof of performance tests, plus a lot of DX Tests, plus probably over half the stations in the country signed off at local sunset. That, alone, allowed for some wild sunset skip sessions. None of that really has come into play this year; while some have come from SSS, probably more has come from sunrise skip and the auroral conditions for the week in November which really opened things up to the south and made for some fun nights. 73.

## 2004-2005 DX CONTESTS

**Manager: Nancy Johnson – 265 Waterton Wy – Billings, MT 59102-7755**

E-mail: [NancyJohnson@prodigy.net](mailto:NancyJohnson@prodigy.net)

Standings as of December 15, 2004

1. Michael Hawkins	331	7. Nigel Pimblett	96
2. Paul Swearingen	192	8. John Tudenham	67
3. Bill Nittler	182	9. Bill Block	52
4. Doug Pifer	130	10. John C. Johnson	7
Nancy Johnson*	130	11. Mike Sanburn	5
6. David Braun	102		

\*Contest manager is not eligible to win.

You can join this years contest at anytime. The rules are on the IRCA web site.

Send your contest entries to: (address or email on the masthead of this column)

## WEBSITE WANDERINGS

**Raymond Bauernhuber – 151-64 18<sup>th</sup> Ave – Whitestone NY 11357-3102**

E-mail: [DXRADIO@Webtv.net](mailto:DXRADIO@Webtv.net)

Hi everyone and welcome to another website column and the first one under it's new heading. If anyone comes across a radio related website please forward it to me at: [DXRADIO@webtv.net](mailto:DXRADIO@webtv.net). I will be most grateful.

Don't forget to access and enjoy IRCA's own excellent website at:

<http://www.ircaonline.org/irca1.htm>.

With this issue I feature a very interesting topic, PROPAGATION. These conditions govern what we do and do not hear and the subject isn't always easily understood. The solar index and A & K indexes tell us what reception conditions are on a daily basis. Here's a few websites that I hope will guide you and help you to understand 'propagation':

1. <http://dx.qsl.net/propagation/greylines.html>. This is a straightforward greyline map that refreshes itself every 5 minutes. It is briefly and sufficiently explained at the top of the page. Used mostly by HAM's it is useful for MW'ers too.

2. <http://dx.qsl.net/propagation/>. The current solar indices (including the A and K indexes) are prominently displayed in a box at the top of the page. The indices originate from WWW in Boulder, Colorado. If you scroll down the page, much more detailed information is available to you, should you desire it. But if not, the indices at the top of the page are invaluable for ascertaining reception conditions on a day to day basis.

3. <http://www2.rnw.nl/rnw/en/features/media/practical/solar.html>. Titled "The Solar Guide" NOAA provided the information for most of this site that helps you to more easily understand the solar indices shown in the 2nd website this week.

Hopefully everyone can learn more about propagation from these websites, I know that I did.

Until the next column I wish everyone good health and the very best of DX!

I also wish all of our members and their loved ones a most Healthy and Merry Christmas and Holiday Season!

73 de DX de NY, Ray

## DX WORLDWIDE - II

**Bruce Portzer – 6546 19th Ave. NE – Seattle, WA 98115**

E-mail: [bportzer@comcast.net](mailto:bportzer@comcast.net)

All times unless noted otherwise

## WESTERN HEMISPHERE

**ALASKA.** A new medium wave station has begun broadcasting in Alaska on 1110. KAGV in Big Lake began testing on November 16-17, partly using a backup transmitter of 2.5 kW. "On Thursday and Friday (November 18-19) we fired up our main transmitter at 10,000 watts. This transmitter is a Harris DX10 Solid state transmitter. We currently have two bad modules in the transmitter which will be fixed shortly. This should increase our modulation a bit," says KAGV Station Manager David Horning. DXpeditionists in Lemmenjoki, Finland, have reported to DXing.info that KAGV was first picked up on November 20 by Hannu Niilekselauml;. The station identifies as "Alaska's Gospel Voice", and "I AM Radio Network".

Horning tells DXing.info that they have been working on this station for almost three years and their construction permit from the FCC times out on December 19. "This radio station is owned by Voice For Christ ministries (VFCM) in Nenana, Alaska which also owns and operates KIAM 630 AM, and KYKD an FM in Bethel, Alaska," Horning explains. VFCM is also a satellite network and will be feeding some of the programming from KIAM to KAGV via satellite.

Horning says that he hopes to begin regular broadcasts on December 14 or 15. According to Horning, the broadcasts will be primarily religious in nature with news and information programming and also music. "Our power will be 10,000 watts 24 hours a day." KAGV is located just north of Anchorage. The station can be contacted by calling at +1-907-892-8820, or by email [Dave@vfcm.org](mailto:Dave@vfcm.org) (DXing.info)

**COLOMBIA:** 2200.04, (tentative) HJMK, Planeta Rica (2 x 1100), Dec 7/9, 1007-1047, announcer between campo songs, ads with mentions of "Planeta Rica", // 3300.07 fair to poor signal (Mark Mohrmann, Vermont, Dec 9, DX LISTENING DIGEST)

**DOMINICAN REPUBLIC:** Logs while visiting the Dominican Republic

- 570 Radio Cristal, 2211, Música, merengue, ID. "Desde Santo Domingo, Radio Cristal, llevando alegría a su hogar con la bomba navideña". 45444. (Noviembre 20)
- 620 Radio Santo Domingo, 1430, música merengue y romántica, ID "Radio Santo Domingo, la radio dominicana". 44444. (Noviembre 20) [WRTH 2004: Radiotelevisión Dominicana]
- 670 Radio Vial, 1630, "Radio Vial, en compañía de todos los camioneros, Noticias. 44444. (Noviembre 21) [WRTH 2004: Radio Dial, San Pedro de Macoris gh]
- 860 Radio Clarín, 1108, ID "Continuamos con nuestro programa Amanecer con Radio Clarín" "Radio Clarín, en los 860 para Santo Domingo y en los 850 para Santiago y toda la región del Cibao". Música española. 34333. (Noviembre 20)
- 1150 Onda Musical Santo Domingo, 1039, locutor, comentario sobre apertura de una nueva sala de fiestas en Santo Domingo, 34333. (Noviembre 19).
- 1390 Radio San Cristóbal, 1014, Locutora, noticias, comentario político, 45444. (Noviembre 19)
- 1470 Radio Progreso, 0930, Locutor, Identificación: "Radio Progreso, sabor navideño". Música merengue, 34333. (Noviembre 17) [WRTH 2004 has three DRs on 1470, none by this name gh]
- 1480 Radio Cima, Santo Domingo, 1009, Música merengue. 45444. (Noviembre 19) [WRTH 2004: R. Villa just as on 4960 when active, program from another FM station in the same group]
- 1570 R Amanecer, 0959 locutor, comentarios religiosos, ID "Ésta es Radio Amanecer Internacional, red de emisoras de la Iglesia Adventista del Séptimo Día, 610 AM, zona del Cibao y costa norte, 1060 AM costa este, 1570 AM en Santo Domingo y 6025 KHz onda corta, banda internacional de 49 metros, Radio Amanecer Internacional, la Voz de la Esperanza". (Noviembre 19)
- 1590 ¿emisora clandestina? La Voz del Partido Comunista Dominicano, 2227, Comentario político, ID, locutora "Están Vds. escuchando la Voz del Partido Comunista Dominicano". 23222. (Noviembre 19) [WRTH 2004 has 1590 HIAC, R. Mundo, St. James of the Horsemen; a program on it?? gh]

- 1620 Radio Taína-Planeta, San Pedro de Macorís, 0954, Música en inglés. Locutor, Identificación. 45444. (Noviembre 19).
- 1640 Radio Juventus Don Bosco, 1000, Cánticos y comentarios religiosos, Identificación: "Radio Juventus Don Bosco, en la frecuencia de 1640 KHz.". 34333. (Noviembre 17). 0929, Canciones y comentarios religiosos, Id: "Radio Juventus Don Bosco, en la frecuencia de 1640 KHz, una voz para la civilización del amor". 45444. (Noviembre 20).
- (Manuel Méndez, visiting Punta Cana-Playa Bávaro, Dominican Republic, DXLD)

**TURKS & CAICOS:** New Radio Martí Outlet probably won't be on the air until at least late spring next year but Radio Martí will be simulcast on the former Atlantic Beacon frequency 1570. The IFRB has a two tower array registered with the lobe at 240 degrees. It's believed RVC/530 still holds the license for 1570 so this will be a year to year lease with the towers located on the north end of South Caicos at the former US Coast Guard base. (DXLD, Dec 7)

<http://www.fbodaily.com/archive/2004/10-October/10-Oct-2004/FBO-00691699.htm>

## ASIA AND PACIFIC

**AFGHANISTAN:** An Afghan radio station has appeared on 1602 and has been heard all the way in Europe. Martti Karimies from Finland was the first to pick up the station on November 20. Later the station has been identified as Radio Khost. According to previous station listings prepared by Internews, Radio Khost has earlier operated on 1200 kHz. Radio Khost was launched in 2002 (see DXing.info news in June 2002 for details), and first broadcast on 1300 kHz. Radio Khost is a government-run station for Khost (also spelled as Khowst) and its surrounding areas in eastern Afghanistan, near the border with Pakistan. (DXing.info)

**AUSTRALIA:** ABA media release today had some interesting news for MW. See full version at: [http://www.aba.gov.au/abanews/news\\_releases/2004/160nr04.htm](http://www.aba.gov.au/abanews/news_releases/2004/160nr04.htm). In its BCing policy released in the run up to the recent election, the Government said it would develop a policy for the introduction of digital radio in conjunction with existing radio broadcasters. In light of this the ABA is now considering whether or not to allocate vacant MF and VHF Band III spectrum pending clarification of the digital radio policy and its implications for spectrum use. Accordingly, the ABA has decided to hold off auctioning the AM frequencies identified in Round 11 - Price based allocation of transmitter licenses for open narrowcasting services. These frequencies are in Albury, NSW, and Manjimup and Northam, WA. Whether these frequencies will be made available for allocation at a future date will depend on the details of the digital radio policy that is developed. (David Onley, mw0z Dec 6)

**TAIWAN:** The government is planning to integrate the resources of the two state-owned radio stations to set up a multilingual "Voice of Taiwan" radio network to serve foreign nationals in Taiwan, the Government Information Office director-general said Saturday.

Lin Chia-lung unveiled the plan while addressing a Mandarin and Taiwanese story-telling competition for foreigners hosted by the state-owned Radio Taiwan International (RTI). Lin pointed out that the RTI, which receives NT\$500 million (US\$15.6million) in government funding every year, is mainly responsible for overseas broadcasting.

To serve foreign nationals residing in Taiwan and help them better understand the island, the government will set up a new radio network by combining the resources of the RTI and the other state-owned radio station, Voice of Han Broadcasting Network, Lin said. The "Voice of Taiwan" will broadcast programs in a number of different languages, including Mandarin, Taiwanese, English and Japanese, he said. (Y.F. Low, Nov. 27 CNA, via Mike Terry, DXLD)

## EUROPE, AFRICA, AND MIDDLE EAST

**BENIN:** Additional information received from TWR about the new relay station which is going to be constructed near Parakou during 2005: the transmitter will be operating on 1566 with 100 kW. Cf. <http://www.twrafrica.org/0055.asp> for other details about the project. (Bernd Trutenau, mwDX)

**CHAD:** Following a discussion by DXers Martin Elbe, Thorsten Hallmann and Rick, on the German language A-DX mailing list, I monitored 840 kHz. Indeed, I could see a carrier, s/on at 04:25, s/off at 22:31 which corresponds to Chad's schedule according to WRTH 2004. The frequency is variable and drifting 839.97 - 839.99 kHz. It is only a 20 kW tx but it should be possible to capture some modulation as well. Last night, the signal was quite strong from 21:00 on, and as 846 is free, tuning into USB should reduce QRM from 837. It may be possible that the program is in // to 6165 where Chad is heard almost every evening. (Guenter Lorenz, Freising, Germany mwDX Dec 1)

**CONGO:** At 2030 utc am now getting ID of "Republique Democratique du Congo" with FF programming on 945 KHz. Anyone else ID this station? Is it Congo Brazza or Congo Kinshasa? It is not listed in my 2004 WRTH. (John Plimmer, South Africa, mwDX Nov 26)

**CROATIA:** Croatian tx on 1134 is off already since last week. I expected a short failure or maintenance only so I did not report it. Now when I did it, the tx surely goes on the air very soon, HI (Sod's Law) (K Honzik mwDX Nov 23)

A very strong wind with speed over 220 km/h had caused damages on two of 4 antenna mast in Zadar. They have damaged base insulators. Unfortunately power distribution is coming from TX and later being distributed through one of them. Base insulators are ordered from RIZ factory which delivered and installed the antenna masts at beginning of this year. We are expecting to start transmission during next week with omni antenna system and two weeks later with directional antenna system as it was before this storm.

In mean time transmitter Deanovec 100 kW is tuned from 1125 to 1134 kHz instead, because our listeners are usually on this freq because 600 kW TX site in Zadar has better reception in Europe.

Waiting for insulators is quicker way how to start transmission again, instead doing complex bypass through mast 1 and tuning one of good antenna mast to receive power of 600 kW with proper impedance matching. (Nikola Percin, HRT - Technical Director, e-mail to Wolfgang Bueschel)

Since yesterday [Nov. 23rd] before, I noted HR signal on 1134 again, B U T with decreased power, (Wolfgang Bueschel ) (summarized from World of Radio & HCDX postings)

**FRANCE:** RMC Info have started transmissions via their Mulhouse relay on 1584 and the relay in Strasbourg is now operating at full power. Daytime reception in the coverage area is good but at night the signal is only fair to poor due to skywave interference. (Rémy Friess mwc Dec 12)

The latest in a series of new French commercial stations probing the medium wave dial, Radio de la Mer from Paris has been broadcasting on 1080 since Nov 26. The station was reported first by Christian Ghibaudo in DXLD 4-179. Radio de la Mer plans to launch its remaining two MW transmitters in Brest and Montpellier during the first half of 2005. According to the station website, initially most of the programming will be music, but talk and features will be added gradually. (DXing.info, Dec 7)

**GERMANY:** A station broadcasting country music - a rare phenomenon in Europe - has been launched in Germany. TruckRadio is broadcasting on 702 (in Jülich) and 855 kHz (in Nordkirchen). The station signed on at 1620 UTC on December 6, and was immediately heard by several German DXers. The company behind TruckRadio plans to cover entire Europe with DRM transmissions some time in 2005. (DXing.info, Dec 7) New German station Truck Radio now being heard with good signals on 702 and 855 with C and W music and IDs via DXTuner receiver in Rommele in Sweden (Tony Magon, mwDX, Dec 12)

Browsing the Telefunken website brought up that they installed a new 100 kW tx at Deutschlandradio's Berlin-Brandenburg site already in summer 2003. Frequency not mentioned, but this appears to be the new main tx for 990. T-Systems ordered new txs for Deutschlandradio sces: For longwave 2 x 500 kW, for mediumwave 1 x 100 kW, 1 x 200 kW, 2 x 800 kW. Delivery and installation are provided for 2005/2006. No further details given, so one can only guess about the destinations of the mediumwave equipment. A single 800 kW is meant for Braunschweig-Koenigsutter of course, and probably the mention of 2 x 800 kW in fact just describes this very pair of TRAM400 txs since I have no idea where else 800 kW could be used. 100 and 200 kW would match the 549 sites (Nordkirchen and Thurnau-Tannfeld, respectively). [Heusweiler-Saar 1422 kHz DRM replacement?, wb.]

Some details about the new (rather: refurbished) 177 kHz antenna at **Zehlendorf**: [www.telefunken-sendersysteme.de/int/Press/DRM\\_and\\_lw-antenna/drm\\_and\\_lw-antenna.html](http://www.telefunken-sendersysteme.de/int/Press/DRM_and_lw-antenna/drm_and_lw-antenna.html). I think the 153 antenna at Donebach has a quite narrow bandwidth as well, also resulting in the muffled-sounding modulation? If so a new tx alone wouldn't make the facility DRM-ready... ("As well" referring to the triangular hammock used for 177 during the nineties which had to be replaced by the main mast again because its bandwidth was insufficient for DRM operation.) (Kai Ludwig-D, BC-DX Nov 28, via Worldwide DX Club Topnews)

**HUNGARY:** The Hungarian government has given the green light to the privatization of national telecommunications and broadcasting company Antenna Hungaria Rt (AH) in an open tender. According to press reports, six foreign investors have expressed interest in taking part in the privatization tender: France's Telediffusion de France, Portugal's Portugal Telecom, Retevison of Spain, Italy's Telespazio, the Czech Republic's Ceske Radiokomunikace, and venture capital firm Advent International. (Media Network Mike Terry via HCDX Oct 29, via Arctic)

Changes in Szolnok: the 5 kW transmitter for Radio Szolnok on 1350 was closed in May 2004 and replaced by an FM outlet on 101.2 MHz. This was necessary in preparation of the launch of Magyar Katolikus Rádió via a 135 kW transmitter in Szolnok (and Siófok 150 kW) on nearby 1341 which is due in April. There are no plans to close or move the transmitter for Radio Győr on 1350 (Győr, 5kW). (Source: official info) (Bernd Trutenau, Lithuania, MWDX)

**IRELAND:** Irish public broadcaster RTE has announced that maintenance on its 500 kW mediumwave transmitter at Tullamore has been completed, and the station will resume broadcasting on Friday 5 November. The transmitter has been off the air since July. (media network weblog via Mike Terry, MWDX Nov 22)

The signal on 567 is coming in well in this part of London just before 0300 on 6 Nov. The main test will come once the sun rises around 0700 or so. Prior to the shutdown, the signal could be heard in London throughout the day, if somewhat weak, despite adjacent channel splatter from Spectrum 558, and I would expect the same to apply now, assuming that the signal characteristics, i.e. power and



antenna set-up, are the same. During the night the signal, as well as the audio quality, is better on 567 than on LW. It will be interesting to see whether RTE offer any alternative programming on 252 as opposed to 567. I would assume that alternative programming is offered on FM whilst sports in on the other outlets, but of course the FM signal will never reach London. (Paul David, mwdx)

**LATVIA:** Radio Nord, the local station in Riga on 945 , started regular 24h transmissions on 22 October at 0700 UTC. (Bernd Trutenau via MWDX Oct 20)

**LUXEMBOURG:** From the beginning of next year Luxemburg will run DRM transmissions on 1440 kHz. No clue, at what hours, I suspect, that they will use it during their own programming only and if the clients renting the transmitters want to use DRM. Let's hope, that at least they switch off the beast at nights. I'm pessimistic concerning the future of MW-DX, I'm afraid that next year at this time we'll see a lot of channels occupied by DRM and reduced chances for TA reception. I don't have a problem with DRM on shortwave, it's a nuisance, but I think, we DXers can live with it. But on MW DRM is absolutely lethal. (Martin Elbe, mwdx Nov 25) Telefunken will provide BCE's Marnach site with a new TRAM/P 600 unit, consisting of two 300 kW transmitters. The system can be easily switched between DRM and AM operation. Press release

[http://www.telefunken-endersysteme.de/News\\_Presse/RTL\\_digital\\_MW/rtl\\_digital\\_mw.html](http://www.telefunken-endersysteme.de/News_Presse/RTL_digital_MW/rtl_digital_mw.html) in German. Meanwhile WRN stated on enquiry that for the time being no changes for the AM transmissions of CRI on 1440 are planned. (Kai Ludwig, Germany, Nov 28, DXLD)

**NORWAY:** Radio Netherlands' Ehard Goddijn drew our attention to a very strong SSB signal on 7360 noted in progress at 1230 UTC, carrying the NRK domestic service in parallel with 1314 mediumwave. The SSB was replaced by a silent carrier at 1240, then the modulation resumed at 1251 UTC. More details at <http://medianetwork.blogspot.com/>. (Mike Terry, HCDX)

**SERBIA & MONTENEGRO:** 981 SRT Cacak has left the MW. 1215 Radio Mladenovac is now back on the air with full power, 1 kW. 1296 Radio Podrinje has left MW for FM 104.8 MHz. (Svetomir Cuckovic via Bengt Ericson, Arctic)

**SPAIN:** RNE 1 on 738 seems to be on full power again since Monday 29 NOV. It is again the strongest Spanish MW signal here in my location. According to Spanish sources, the 300 kW TX unit has been replaced by a new 600 kW one. (Karel Honzik, mwdx Nov 30)

**UNITED KINGDOM:** As of Monday this week, BBC Radio Leeds is carrying local programming during the period 0100-0500 on all its AM and FM frequencies (774AM, 92.4MHz, 95.3MHz, 102.7MHz, 103.9MHz). Previously the station relayed BBC 5 Live between these times. NB nothing on station website <http://www.bbc.co.uk/england/radioleeds/> about this apart from 0100-0300 on Saturday (Gavin Robertson & BDXC, via Ray Browell mwc Nov 25)

## SPECIAL FEATURE – AM IDs Needed

**John Bowker** is the editor of the **Travellog** portion of **DXAS's** Monthly Cassette Newsletter. Each month, he features legal IDs from stations on a particular frequency... take it away John....

"I have now compared the latest listing of call letters and cities of license for all the stations operating in the U.S. and Canada at **920 kHz**. If anyone has or can make a clean recording of these stations that are missing from the **Travellog** collection, let me know.

I can accept anything from cassettes to CDs, e-mail messages using mp3 and I can download from websites, of course. All I need is enough of the program leading up to the hourly ID to get a sense of the format and then the ID itself. The longest ID in the entire collection runs 90 seconds (WIBG in Indianapolis) because it's a jingle and I wasn't about to edit it down.

Here are the stations at **920** I'm missing:

WVOH - Hazelhurst, GA  
 WGOL - Russellville, AL\*  
 KMGG - Jonesboro, LA  
 KFLB - Odessa, TX  
 KSWA - Albuquerque, NM\*  
 KJHM - Reno, NV\*  
 KVIN - Ceres, CA\*  
 KPSI - Palm Springs, CA\*  
 KVEC - San Luis Obispo, CA

The asterisk indicates a city where we have a recording of a station at 920, but using an earlier call sign.

I expect to begin editing the 920 chapters of the **Travellog** as early as April, 2005. I expect we will spend 2 or 3 editions getting all of the IDs on the program since I only use about 13 minutes for IDs in any one edition.

Any help you can offer, of people you can put me in touch with, will be greatly appreciated.

**John Bowker** - [jbowker@tampabay.rr.com](mailto:jbowker@tampabay.rr.com)

\*\*\*\*\*

The **IRCA** is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.



### CLUB OFFICERS AND CONTACT INFORMATION

**President:** Nick Hall-Patch – 1538 Amphion St., Victoria, BC V8R4Z6 CANADA

e-mail: [nhp@ieee.org](mailto:nhp@ieee.org) (proposals/gripes)

**Secretary-Treasurer:** Lynn Hollerman, P.O. Box 60241, Lafayette LA 70596

e-mail: [lynn@eatel.net](mailto:lynn@eatel.net) (dues, address changes, IRCA mailing list sign-ups)

**Board of Directors:** Karl Zuk (chairman) [karlzik@hotmail.com](mailto:karlzik@hotmail.com),

Phil Bytheway [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com), Patrick Martin [mwdxer@webtv.net](mailto:mwdxer@webtv.net) Mike Sanburn

[mikesanburn@hotmail.com](mailto:mikesanburn@hotmail.com), Pete Taylor [ptdx@comcast.net](mailto:ptdx@comcast.net), John C. Johnson [John\\_Johnson@prodigy.net](mailto:John_Johnson@prodigy.net)

and Tim Noonan [DXing2@aol.com](mailto:DXing2@aol.com)

**Editor-in-Chief:** Phil Bytheway, 9705 Mary Ave NW, Seattle WA 98117-2334

e-mail: [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com) (all material for publication goes here)

**MEMBERSHIP DUES** (DXM=printed DX Monitor, SDXM=soft e-mailed version)

Destination	SDXM	DXM	DXM+SDXM
USA	\$10	\$30	\$35
Canada & Mexico (group 2)	\$10	\$36	\$41
Western Europe (group 3)	\$10	\$50	\$55
Australia/NZ/Japan (group 4)	\$10	\$51	\$56
Rest of world (group 5)	\$10	\$48	\$53

**TRIAL MEMBERSHIP** (10 issues) TO USA-CANADA-MEXICO only: \$10 DXM, \$12 DXM / SDXM Installment Rate: 2 payments a year of one-half dues plus \$1.

**Make checks and Money Orders in US funds payable to IRCA.**

All dues and address changes go to: **IRCA, PO Box 60241, Lafayette LA 70596**

**Pay electronically with PayPal**—add \$1 to all prices above. Go to [www.paypal.com](http://www.paypal.com), then send your dues to [ircamember@ircaonline.org](mailto:ircamember@ircaonline.org) --contact Lynn Hollerman for more information.

**Sample copies of DX Monitor** are available. Along with your request, please include first class postage of: **37c** for USA addresses, **60c** for Canada and Mexico or 2-International Reply Coupons each, for other countries. Send to: **IRCA**— 3410 Marion St. SE, Albany, OR 97322-3871.

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at [lynn@eatel.net](mailto:lynn@eatel.net).

Unless otherwise noted, permission is granted to publish, broadcast, or otherwise reproduce non-copyrighted material appearing in **DX Monitor** provided credit is given to the IRCA and the original contributor. Opinions in **DX Monitor** are those of the original contributors and do not necessarily reflect those of the IRCA, its publishing staff, editors or officers.

©2004 International Radio Club of America

**THE INTERNATIONAL RADIO CLUB OF AMERICA**  
**P.O. Box 60241, Lafayette LA 70596**  
<http://www.ircaonline.org>