



January 28, 2007 - Volume 44, Number 19 - Edition 1401 - ISSN 899-9733

HQ NOTES

Nominations Are Open for the TVA and RHA Awards for 2006-2007

Ted Vasilopoulos Award (TVA)

Ted Vasilopoulos was a founding charter member of IRCA who died in 1965. This award in his honor is presented to the IRCA member who has contributed the most to IRCA and the DX hobby during the past several years. The following persons have won the TVA in the last five years and are ineligible this year: Lee Freshwater, Doug Pifer, Phil Bytheway, Rich Toebe and Nancy Johnson.

Ric Heald Award (RHA)

The Ric Heald Award (RHA) was created in 1995 to recognize the IRCA member who most benefited the club in a particularly noteworthy way during the previous year. The following persons have won the RHA in the last three years and are ineligible this year: Les Rayburn, Art Blair and Pat Martin.

All nominations, including a brief statement supporting the nomination, shall be sent to the folks listed below:

TVA Nominations:

Lee Freshwater, 414 SE 3rd St., Ocala, FL 34471, E-mail: lfreshwater@cox.net

RHA Nominations:

Les Rayburn, High Noon Film, 100 Centerview Drive Suite 111, Birmingham AL 35216, E-mail: les@highnoonfilm.com

All Nominations must be received by the above no later than March 15, 2007.

The 2007 **IRCA/DecalcoMania** convention will be held in Salt Lake City UT on August 24-26, 2007 at the Airport Days Inn, 1900 West North Temple, SLC UT 84116. Telephone (801) 539-8538. Request the IRCA convention discount rate of \$50 per night. Registration fee is \$25 (not including Saturday banquet) and is payable to: **Mike Sanburn**, PO Box 1256, Bellflower CA 90707-1256, USA. Hotel website is: www.the.daysinn.com/saltlakecity06838. Trip rewards site: www.triprewards.com. Tourism site: www.utah.travel. Delta airlines web: www.delta.com.

BROADCAST TEST COORDINATOR – DX TESTS

Les Rayburn: les@highnoonfilm.com (times are Eastern) <http://www.dxtests.info>

Sun	1/28/07	0300-0310	1490	KRSN	Los Alamos NM	(Westfall)
Sun	1/28/07	0400-0410	1490	KRSN	Los Alamos NM	(Westfall)
Sun	1/28/07	0500-0510	1490	KRSN	Los Alamos NM	(Westfall)

KRSN 1490kHz Los Alamos, NM Maintenance Test. Date(s): Sunday Morning (Late Saturday Night) January 28, 2007. Time: 0100-0110, 0200-0210, & 0300-0310 Mountain Time. Ten minute long test period at the top of each hour. Modes of Operation: Special DX Test. 640 Watts, Non-Directional. Programming: Phonetic voice ID's, Morse Code ID's, Sweep Tones. Notes: This will be a challenging test, as KRSN is on an STA that allows them only 640 watts. The antenna is a short (about 80 foot) folded unipole mounted on a 150 foot tower. The top of the tower supports several bays of cell phone antennas.

KRSN has a new Harris transmitter, which they will be testing.

QSL Information: Reception reports via e-mail are preferred. Send reports to: dxtest@krsnam1490.com. For those who cannot send e-mail reports, the address for Postal reports

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is: KRSN AM 1490, 145 Central Park Square, Los Alamos NM 87544, Please include an SASE for reply.

A recording of the test is requested. The following formats (only) are acceptable: .MP3 or .WAV for e-mail attachments. Audio CD or cassette for Postal reports. If a recording is not available, please include a detailed description of your reception including the sequence of test elements, description of sweep tones, etc.

Our special thanks to Mike Westfall, N6KUY for working so hard to arrange this test with his local graveyard station. Also our gratitude to both Dave and Gillian Sutton, the station owners for scheduling their maintenance around the needs of the DX'ers!

Received an inquiry from a DX'er who wanted to know exactly how we went about handling verifications/QLS's when the Broadcast Test Coordinator is handling the reception reports for a DX test. It's a fair question, so here goes:

Our process works like this---I review the reports (and hopefully recordings) and try to determine if the station was in fact heard. If I cannot confirm the reception, I inform the DX'er of that. They can then "appeal" this to Brandon Jordan, who acts as an independent "check and balance". He can overrule me and issue the card, or agree with me...in which case, it's an unconfirmed logging.

We never do QSL's or verifications without the permission of the station, but they usually do not review the reports directly. We always send the station a summary of the loggings, and sometimes we'll send out a CD of the recordings that we've received.

Most stations don't have the time, or resources to handle verifications, so they're happy to have us do them. In many cases, tests would be impossible to arrange otherwise. I would encourage you to develop the ability to record your loggings. Using a computer, it's easy and cheap (free) to record things directly to MP3 these days. It makes reports much easier to verify---most of our question marks come from "paper loggings". I have only a minimum amount of details about the WWNH test, for example...so I have to piece meal a log together from recordings of others and then check the paper logs last. It's time consuming---

In those cases, were I am able to record the test directly or get detailed logs from the stations, the whole process is much easier, but in many tests, I have to construct a time line of the test based on the recordings of others. That makes "paper logs" very difficult to check and I do them last.

The most valuable item in my shack is a software program called "Total Recorder", which costs \$11 bucks, and can completely automate your overnight DXing. Many DX'ers record the TOH period using this software, on each hour, and then review their recordings the next day. I've added over 100 stations to my log using this method. www.highcriteria.com.

You can also use it's scheduling function to record a DX test automatically and save it to MP3.

Others have complained that having the BTC verify the reports makes them "less valid" or desirable than those from the station. I defend the practice in two ways:

A. If it makes getting a test possible, then it's worth it. Any test is better than no test, including those who do not or cannot QSL at all.

B. I've personally worked at two radio stations and one TV station. I've seen Chief Engineers open reception reports and send out verifications without ever listening to the recordings or checking log details. They literally "rubber stamp" them, because that is the least trouble for them.

That's one of the big reasons why you have coast to coast receptions of Part 15 stations, or other nearly impossible DX feats going on. These DX'ers often receive verifications of their receptions!

In our case, we actually do listen to the recordings, check the log times and descriptions against program content, etc. We've denied dozens of reception reports this season alone---how many CE's are taking that kind of time and trouble to protect the integrity of the QSL?

Hope this helps everyone to better understand how we're going about all this. - Les

WESTERN DX ROUNDUP

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

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Each Friday. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

(BB) **Bill Block**-7716 E. Thelma Drive-Prescott Valley, AZ 86314 billwblock@msn.com

Drake R8, EWE (20x50x20), Quantum QX loop

(BP) **Bob Pietsch**-3700 Abby Court-Rocklin, CA 5765-4654 robert@pietschs.net

Grundig Satellit 800, Terk AM Advantage loop

(DP) **Doug Pifer**-3410 Marion St. SE-Albany, OR 97322 oregon4wd@comcast.net

Drake R8B, Kiwa loop

(NP) **Nigel Pimblett**-Box 168-Dunmore, AB ntp@shockware.com

Kenwood R-5000, Beverages, K9AY

(NP-AB1) DXing at Lamont, AB with R-5000 Beverages

(RS) **Ron Schiller**-Coeur d'Alene, ID

Palstar R30, Quantum loop

- 600 KGEZ MT, Kalispell 1/14 0010 Fox Sports programming with NFL football discussion, then local ID at 0020 "You're listening to Fox Sports live on KGEZ." (NP-AB1)
- 700 KGRV OR, Winston 1/15 0500 heard call letter ID through dominant KXLX, then into Christian music. (NP-AB1)
- KXLX WA, Airway Heights 1/14 2359 ads for Spokane area, ID as "700 ESPN, The Ticket," over KGRV. (NP-AB1)
- 780 KAZM AZ, Sedona 1/12 0905 man gave the time as "780 KAZM news time now 7:05," then noted ad for restaurant in Sedona. (NP-AB)
- WJAG NE, Norfolk 1/12 0901 many "Newstalk 780 WJAG" ID's, local ads, weather report. (NP-AB1)
- 840 WHAS KY, Louisville 1/9 2258 promo for traffic reports, mention of whas.com web site. (NP-AB)
- 890 CJDC BC, Dawson Creek 1/14 2110 positive ID "We are CJDC," C&W music, no ID at top of hour. (RS-ID)
- 930 KRKY CO, Granby 1/17 0903 with "KRKY 930" ID. (BB-AZ)
- 960 KMA IA, Shenandoah 1/9 2255 local sports program, mention of call letters just prior to the hour. (NP-AB)
- KFLN MT, Baker 1/12 2359 ID, ABC news, weather, then sign off announcements with ID as "Real Country KFLN." Off at 0005 leaving Nuggets commentary (KNEB?) and CFAC. (NP-AB1)
- 980 KDSJ SD, Deadwood 1/13 2313 weather report, several call ID's and mention of web site, then back to music. (NP-AB1)
- 1020 KWIQ WA, Moses Lake North 1/14 0159 ESPN programming, dual station ID at the hour. (NP-AB1)
- KYXE WA, Union Gap 1/14 0200 upbeat Mexican music, ID by man at the hour. (NP-AB1)
- 1030 WBZ MA, Boston 1/12 0123 promo for "WBZ traffic on the threes," local ads. (NP-AB)
- KDUN OR, Reedsport 1/13 1120 promo for morning programming on "Newstalk 1030 KDUN," then back into home repair talk program. (NP-AB1)
- 1100 WTAM OH, Cleveland 1/12 0055 commentary on Cavs game vs. Phoenix. ID and mention of wtam.com during break at 0101. (NP-AB)
- 1120 KANN UT, Roy 1/14 1355 Christian vocals, quick "KANN Roy" ID at 1901, then back to music. (NP-AB1)
- 1140 KSOO SD, Sioux Falls 1/10 0105 "KSOO three day forecast," then Jim Bohannon talk. (NP-AB)
- 1230 KWYZ WA, Everett 1/19 0600 poor, time "blips" leading to the top of hour followed by man giving call letters in English. A woman after that with rapid-fire talking presumed Korean. (DP-OR)
- 1240 CFNI BC, Port Hardy 1/15 1011 ID as "AM 1240" with mention of Port Alice FM, then into marine weather forecast. (NP-AB1)
- 1310 KZXR WA, Prosser 1/15 ABC news at 0805. (RS-ID)
- 1320 KXRO WA, Aberdeen 1/15 0810 ID "Radio Original KXRO." (RS-ID)
- 1380 KSRV OR, Ontario 1/15 0815 fooled me at first with MST time check (checked map, extreme E. Oregon). ID as "The Cruise" (looks landlocked to me), farm news and oldies. (RS-ID)
- 1430 KCLK WA, Asotin 1/17 1500 atop with ESPN and ads mentioning nearby Lewiston, ID. (RS-ID)
- 1450 KVSI ID, Montpelier 1/13 0259 ID at the hour as "KVSI Montpelier, the voice of southeastern Idaho." (NP-AB1)
- 1480 KGOE CA, Eureka 1/15 Air America's Bill Press talk show, positive ID at 0900, then ABC news. (RS-ID)
- 1490 KCID ID, Caldwell 1/14 0005 generally over nulled KTOB with oldies format, ads and ID's such as "1450 KCID America's Music" and "1490 KCID Your Best Music Station." (BP-CA)
- 1520 KVTA CA, Port Hueneme 1/15 0850 "KVTA, Ventura County..." talk & traffic. (RS-ID)
- 1540 KASA AZ, Phoenix 1/15 Spanish, positive ID as "Radio Casa" at 0855. (RS-ID)
- 1550 KKJY NM, Albuquerque 1/14 0853 with ID "K-Joy 1550 KKJY." (BB-AZ)

Thanks to our reporters this week. Nancy 1/19 2100

Sunrise/Sunset Maps

12 maps showing 15 minute sunset and sunrise times for the US and 12 maps showing hourly sunset and sunrise times for the World. Explanation includes use of the maps and examples of DX made possible by knowledge of SR/SS times.
 Prices: **IRCA members** - \$2.25 (US/Canada/Mexico/sea mail), \$3.00 (rest of the Americas/Europe airmail), \$4.00 (Australia/New Zealand airmail). Non-IRCA members - add \$1.00.

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

CENTRAL DX ROUNDUP

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

E-mail: John_Johnson@prodigy.net CDXR reports ONLY: cdxr@prodigy.net

RIDING GAIN

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

DOWN THE DIAL

- 1350 KABQ NM, Albuquerque. 1-19 strong. 23:00 with "You're listening to KABQ. Albuquerque's all new progressive talk. AM 13-50" into CNN News. [NJ-MT]
- 1560 KVAN WA, Burbank. 1-21 strong. 20:00 ID out of rock oldie "...KLTB 92.1 Pilot Rock ... 95.3 Walla Walla. Simulcast on KVAN Burbank, Tri-Cities." Into oldie. [NJ-MT]

25 YEARS AGO

January 23, 1982 issue of IRCA's "DX Monitor" ... **Bruce Portzer** of Seattle, WA told about his main rig, the Hammarlund HQ-180A ... **Randy Tomer** on vacation in Sarasota, FL compared east and west coast DX ... **John Clemmer** of East Moline, IL told about WWWE's change from rock to country ... **Glen Kippel** of Merced, CA said he started DXing in the 1940's with a six-tube Zenith.

OPEN MIKE

KVAN should be easy to log for all in the northwest. This column was typed 1-20-07. 73, John

EASTERN DX ROUNDUP

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

E-mail: lfreshwater@cox.net

Deadlines: SATURDAY 8 am

STARS OF THE WEEK

- (LF-FL) your editor Ocala, FL
 Drake R-8B, KIWA Loop, Potomic FIM-41, MFJ Phaser, LF ENG
 Active ant, MFJ 616 audio enhancer, OMT Auto Logging Software,
 Vox Pro E-2 editing software, GRUNDIG Satellit 800
- (WM-MD) **William McGuire** 2412 59th Place, Cheverly MD
 DX-398
- (CJG-KY) **Chris Gray** Lexington, KY KU4A@yahoo.com
 Kenwood TS 2000, Gap Eagle Vertical & Terk Loop
- (IEN-GA) **Ira Elbert New** Watkinsville, GA
 DRAKE R-8B, 135' N/S L.W., SANGEAN ATS 909
- (AS-VA) **Alan Simpson** Fredericksburg, VA
 Drake R-8, Quantum Loop

LOGGINGS

- 560 SC WVOC Columbia, 12-27 1800, Ads, traffic report, ID. (WM-MD)
- 600 IA WMT Cedar Rapids, 1-16 1938, Iowa-Indiana BB, clear ID. (CJG-KY)
- 620 PA WKHB Irwin, 1-11 1715, Talk show, local mention. (WM-MD)
- 900 ON CHML Hamilton, 1-17 2021, clear ID, then into the Jim Rome show. (CJG-KY)
- 920 GA WGKA Atlanta, 12-27 1702, Traffic report; ID. (WM-MD)
- NS CJCH Halifax, 12-29 1805. (WM-MD)
- 1040 FL WWBA Pinellas Park, 01/07 1905, Best of Boortz, A Replay of the Neal Boortz show.
 Good signal at times, but decent for the most part, mixing with WHO in Des
 Moines, IA. "Newstalk, AM 1040 WWBA". (IEN-GA)
- 1060 KY WFLE Flemingsburg, 1-11 1740, C&W music; Good over KYW; ID. (WM-MD)
- 1170 NC WCNX Claremont, 1-10 1720, SS music & talk. (WM-MD)
- 1270 MI WXYT Detroit, 1-9 2210, NHL Hockey; ID. (WM-MD)
- NC WCGC Belmont, 1-14 1925, Sunday night Bluegrass show with several clear ID's.
 (CJG-KY)
- 1400 PA WRAC Williamsport, 01/18 1634, "WRAC" id into talk format. (AS-VA)
- 1460 PA WTKT Harrisburg, 12-29 1900, PSA; "All Sports All The Time"; "The Ticket".
 (WM-MD)
- 1540 LA KXEL Cedar Rapids, 01/18 2121, U of N. IA - Missouri St BB game, UNI Sports
 Network ID, into local ads. (AS-CA)
- 1570 NC WECU Winterville, 01/18 2145, "Radio 1570 WECU" ID, gspl music. (AS-VA)

1590 OH WAKR Akron, 01/18 2140, "WAKR" id into weather forecast, then oldies music. (AS-VA)
 1630 GA WRDW Augusta, 01/19 0003, "News, Talk, Sports WRDW 1630 Augusta", ID into talk format, mixing with KCJJ. (AS-VA)
 IA KCJJ Iowa City, 01/19 2358, "Iowa's News First KCJJ" ID. Into news, mixing with WRDW. (AS-VA)
 1690 GA WMLB Avondale, 01/20 0058, "WMLB AM1690 Avondale/Atlanta, the Voice of the Arts" id, into CBS news. (AS-VA)

DX TESTS

1560 TN WMRO Galltian, 1-15 0328, Heard with DX test. Sweep tones/morse code and one partial ID. Very poor. Not needed nice to hear. (LF-FL)

 Welcome back to the IRCA to Alan Simpson. Thanks to all this week. Best to all... fresh 1-21 1000.

DX WORLDWIDE – WEST / TROPICAL BAND DX

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

E-mail: mwdxer@webtv.net all times UTC

Greetings everyone,

PAN AMERICAN DX ROUNDUP

1320 MEXICO, Mazatlan, Sin. XERJ 1/22 0030 UTC Faded up over jumble with "equis-eh-erre-hota, la mejor" ID (XERJ, the best one) Checked the website and found they run 5000/500 ND1. Faded under KCTC?/KSDT?/KKGM? another SS station in there as well. New. Not a bad catch at about 1200 miles! (RW-CA) (Bob, good catch. PM)

TRANS PACIFIC DX ROUNDUP

1521t TAIWAN, Changchih "Radio Taiwan International, 1603 1/14 Faded up from excellent strength carrier to woman talking in apparent CC, but not very readable in 1520 splash. Finally found a potential SW //7185, but this had faded down by then (1610 UT) but did seem to go into music at the same time that 7185 did. (NHP-BC) (Good catch Nick, as TP cx have not been all that great this Winter. This one is not reported often. PM)
 1557t TAIWAN, Kouhu, Family Radio 1555 1/14. Slow voiced man, seemed EE in inflection but couldn't find a //, so really don't know, it wasn't strong enough to be clear. Seemed to be Asian per direction finding. Down by the hour of course. (NHP-BC)

THANKS TO THESE REPORTERS

NHP-BC NICK HALL-PATCH, 1538 Amphion Street, Victoria BC V8R 4Z6 nhp@ieee.org
 DXing with Drake R8, Dymek DR333, north & west Flag antennas, ALA 100 loop, 14 meter sloper, DXP-3 phasing unit
 RW-CA ROBERT WIEN, Fontana, CA Robert.Wien@ngc.com
 DXing with Mike Sanburn on Ford Focus car radio in Newport Beach, CA

DX WORLDWIDE - EAST

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

E-mail: dxww-e@bcdx.org all times UTC

If driving hundreds of miles just to listen to the radio isn't crazy enough, picture this: I flew thousands of miles from Washington D.C. to Finland to try to pick up stations from around Washington D.C. Well, going to Finland was really a Christmas vacation trip, but a DXpedition to Lemmenjoki was a vital ingredient of it. Fortunately we had some leeway in the timing so that both I and fellow DXer Jari Ruohomäki were able to head north right after Christmas to enjoy improving conditions until the expected rise in solar activity would hit in early January.

Read the full story with pictures at <http://www.dxing.info/dxpeditions/lem239rep.dx>.

Regards, **Mika Makelainen**, Discover <http://www.DXing.info/>, Join <http://www.DXing.info/community/>.

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: **IRCA members** - \$8.50. Overseas, add \$3.00. Non-IRCA members - add \$1.00.

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

DX WORLDWIDE - II

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

E-mail: bpportzer@comcast.net All times unless noted otherwise

WESTERN HEMISPHERE

CARIBBEAN: Here the new version (2.0) of the Caribbean Radio Database: http://geocities.com/py2zx/caribe_2.0.xls It produced after several years of TEP monitoring in Brazil and some research on the web and magazines. For North Americans the database can be applied for Tropo/Es to Carib. (Flávio Archangelo, HCDX) (This is an FM & VHF/UHF list but it still might be of value to some members. bp)

DOMINICA: I stopped in Dominica on a cruise in spring of 2006. While wandering around the city of Roseau I saw the building that houses the DBS offices and studio. I was taking a few pictures when a woman came out of the building carrying a briefcase and clipboard. She said she worked at the station and agreed to answer a question I had. I asked her about the fact that as our ship pulled into the harbor that morning I was unable to detect their AM signal on either 590 or 595. She explained that the AM transmitter consumed a lot of electricity and was mostly off the air due to electricity cost. She did offer that it was on the air early on Sunday mornings for a church broadcast where the church covered the cost of operating the AM transmitter. Much of the electricity on the island comes from hydroelectric sources. There are some high lakes in the mountains feeding waterfalls that have been redirected to power generators. The rest of their power comes from petroleum that is imported by ship from Trinidad and which is very expensive.

The FM side of DBS was interesting in that a frequency at the upper end of the FM band (107 MHz) was used for their studio-transmitter link. A Yagi beam about 40 feet above ground sent the signal to a mountain top where it was retransmitted on 88.1 MHz. Many other frequencies were also in use around the island as shown on the billboard (88.5, 89.5, 103.1, 103.5) above the office/studio building. I presume these are translators fed by the 88.1 signal. (Joe Buch via DXLD)

MÉXICO: Fred Cantú, who is continuously improving his website on broadcasting in México, now has added a listing by frequency for AM broadcasting stations. http://www.mexicoradiotv.com/frec_am.htm. He has also, for stations in Distrito Federal, cited powers for AM & FM stations. As with every list involving Mexican stations, Cantú is ahead on many listings ... for example, XECT-1190 in Monterrey now is "Contacto 1190" with a news/information format. I'm continuing the process of updating the list I produced a couple of years ago. I'm up to 900 kHz on the retype (fortunately, it's a re-edit rather than an absolute retype.) A couple of observations ... unlike in the United States, there have been virtually NO new medium wave stations in México in the past decade, but many, many frequency changes as stations move from the upper end of the dial to the lower end. Half the stations in México now below 950. The FCC data base has undergone a wholesale revamping for México and has become useful again, though there are still many stations that haven't been updated and many more that have listings on both old and new frequencies. (John Callaman, Krum TX, Jan 14, Corazon DX via DXLD)

PUERTO RICO: According to a QSL, WIPR-940 slogan is "940 AM". The station has been off the air since March 2006 for refurbishing of their studios. They plan to be back on the air at the end of January. New web addresses: to the company: <http://www.tutv.puertorico.pr> and to the station <http://www.tutv.puertorico.pr/radio940am/index.htm>. (Gert Nilsson, ARC 18 Dec 2006)

EUROPE, AFRICA, AND MIDDLE EAST

DENMARK: On February 14 2006 at 2330 the 300 kW transmitter in Kalundborg operating on 243 will be switched off for the last time. And starting February 15th there will be a strong reduction of airtime on the 250 kW transmitter in Kalundborg operating on 1062. This is the new schedule: 0445-0507 0730-0807 1045-1130 1645-1716 2145-2205 (All times in UTC). I believe that the transmitter will be switched on some 5 minutes prior to these s/on times and may also stay on the air a couple of minutes after official s/off times. The programs to be carried are: 0445-0451: Weather forecast, 0451-0500: // DR P4, 0500-0507: News (// DR P4), 0730-0740: Gymnastics, 0740-0745: Interval signal, 0745-0800: Weather forecast, 0800-0807: News (// DR P4), 1045-1100: Weather forecast, 1100-1130: News (// DR P1 and DR P4), 1645-1700: Weather forecast, 1700-1716: Navigational warnings, 2145-2200: Weather forecast, 2200-2305: News (// DR P4). The news in Danish from KNR, Greenland, currently heard Mo-Fr 1755-1800 UTC will be discontinued on 1062 and will only be available on DR P1 (on FM and the internet). The reason for the closure of 243 and the reduced schedule on 1062 is the fact that hardly anyone in Denmark listens to LW and MW - and due to the high cost of running the transmitters. Additional information (in Danish) here: <http://www.radionyt.com/artikel/default.asp?id=13404>. (Stig Hartvig Nielsen, mwc 18 Jan)

EGYPT: A change on the MW scene in Egypt!! Checking the MW frequencies around 1930 UT today 8/12/2006 I noticed that (news Radio) Idha' at al-akhbaar is on 1071; previously that frequency used

to have (Greater Cairo radio) Idha'at al-kahira al-kobra, but sounds like the change took place as greater Cairo radio is on FM band, so the media people want to have the news radio more audible for listeners all over Egypt, not only on FM band in Cairo.
(Tarek Zeidan, Cairo, Egypt, Dec 8, DXLD 6-182)

FINLAND: YLE Radio Finland, Pori 963 closed down the MW station officially on 31 Dec 2006 at 2159. The last hour consisted of Finnish language debate about the Pori SW-center, the Finnish national anthem and YLE interval signal. It is a really sad decision that YLE decided to shut down 963. Finnish truck drivers are very angry right now. MW 558 from Sandhamn in Helsinki will continue as a service to the Baltic Sea. All the YLE SW services are also closed down from the 1st January 2007.

(Hannu Romppainen via MWC and Bengt Ericson via ARC Information Desk via Olle Alm via DXLD)

GERMANY: AFN Network programs on European AM
873 Oberursel (Weißkirchen) - Power Network Hessen
1107 Amberg - AFN Bavaria "The Eagle"
1107 Grafenwoehr - AFN Bavaria "The Eagle"
1107 Kaiserslautern - Power Network Kaiserslautern
1143 Bamberg - Big Red Radio (Mixed programming, mostly "The Eagle")
1143 Bitburg - Power Network Eifel
1143 Heidelberg - Power Network Heidelberg
1143 Moenchengladbach - AFN SHAPE
1143 Stuttgart - Power Network Heidelberg
1143 Wuerzburg - Big Red Radio (Mixed programming, mostly "The Eagle")
1485 Hohenfels - AFN Bavaria "The Eagle"
(Andreas Wohlhaupter-D via A-DX via WWDXC Top News via Medium Wave News Jan 07)

IRELAND: The Broadcasting Commission of Ireland (BCI) said on October 26th that it has received five applications for the provision of a new quasi-national Christian and religious sound broadcasting service on the AM band. One of the applications is from United Christian Broadcasting, who previously operated an unlicensed station on medium wave in Ireland. All applications will be made available for public inspection from Monday 13 November. From that date, they can be viewed online at <http://www.bci.ie/> (Andy Sennitt via MWC) 252 - RTE will install a Transradio DRM- capable system at its Summerhill transmitter site. The system includes a Transradio TRAM 300L transmitter and DRM-DMOD2 exciter. Factory acceptance tests are due in mid-December 2006 and RTE expects to have the transmitter in operation by the end of the first quarter of 2007. (Radio World International edition Nov 2006 via Medium Wave Report, Dec BDXC-UK Communication via DXLD)

The BCI recently advertised for a Christian/Religious service to operate primarily on medium wave with some FM fill-in. The bidders have all been in touch with RTE's transmitter group who advise that the new service could operate from Tullamore on 612 once 567 closes at the end of Medium Wave News 52/08 35 January 2007 2008. This is interesting as RTL is currently co-ordinating use of 567 for a DRM service. The old Moydrum site just outside Athlone is not an option. There may be some use of 1278 for Dublin and Cork. In parallel with this development RTE has ordered a new DRM capable transmitter for 252 in Summerhill. The power is 300 kW (AM) so I suspect that DRM would use about 100 kW. RTE expect to have the new transmitter installed by mid 2007, probably still in AM mode. If RTE does switch fully to DRM then it may require Algeria to limit its power output otherwise the UK coverage may be curtailed to the west coast. (Kevin Ryan, Medium Wave News, Jan 07)

Herman Boel, of the European Medium-Wave Guide, has just reported receiving word that RTE Ireland are to close down all MW operations by the end of 2007. This would mean the end of 567 and 729 from that country, although I must confess I thought that 729 had closed down a considerable amount of time ago. Herman suspects this will mean the end of all high-power MW operations from Eire. (Paul David, mwdx 6 Jan)

I just got the following interesting answers from RTE: 1) Yes we do still broadcast RTE Radio 1 on 729 with an ERP of 10kW, 2) RTE has no plan to shut down either 567 or 729 at this point in time. 3) RTE has no plan to shut down LW on 252 at this point in time, and of course we are looking at DRM as a possibility among others. (Herman Boel via Paul David, mwdx 8 Jan)

NETHERLANDS: The Radiocommunications Agency Netherlands has announced that holders of medium wave licenses may now apply for a modification to the license to allow them to use the Digital Radio Mondiale (DRM) system. The Agency highlights three benefits of DRM over analogue: Greatly improved audio and reception quality. The possibility of transmitting additional data services Lower power is necessary (less environmental damage and lower energy costs). The Agency also points out the disadvantage that listeners first have to buy a new DRM receiver. For existing medium wave license holders, there are three options: Continue broadcasting in analogue (no further action necessary), Replace analogue with DRM, in which case the license holder needs to request a modification to the existing license, Replace analogue with a so-called SCS (Single Channel Simulcast) transmission allowing analogue and DRM modes to be broadcast on the same frequency, which also requires a license modification. (Source: Radiocommunications Agency Netherlands) Andy Sennitt comments: At the 2005 International Broadcasting Convention in Amsterdam, I was told

informally by a colleague from the Radiocommunications Agency Netherlands that the Agency was keen to get DRM on the agenda as soon as possible, so this announcement is not a surprise. I imagine that option 3 (Single Channel Simulcast) will appeal to license holders, certainly for the next few years when very few DRM receivers are in use.
(<http://blogs.rnw.nl/medianetwork/> via Mike Terry. Mwdx 3 Jan)

ZIMBABWE: The Zimbabwe government will start rehabilitating and upgrading the existing radio and television transmission network this year while possibilities of expanding coverage are being explored. Acting Minister of Information and Publicity Cde Munyaradzi Paul Mangwana told The Herald recently that the Government had made provisions for the upgrading and rehabilitation of existing infrastructure in the 2007 budget and work is expected to commence in January. The move follows complaints that there was limited or no radio and television coverage in remote parts of the country, forcing people in the affected areas to receive external transmissions. (This can be interpreted to mean that the Government doesn't want people listening to non-government voices.)
(Medium Wave News, Jan 07)

ASIA AND PACIFIC

INDONESIA: New or newly discovered MW stations:
612 Lombok: Radio Yayasan Atthohiriyah Alfadlilah (Radio Yatofa)
774 Tangerang: Radio Klasik Gali Lestari (Gless Radio)
837 Jakarta: Radio Garis Visi (Radio AM Moslem)
882 Majene: Radio Pemerintah Kabupaten Majene
891 Ternate: RRI Ternate (NB daytime only operation on medium wave)
900 Demak: Radio Qolbu
1152 Bali: Radio Pemerintah Kabupaten Jembrana
1188 Yogyakarta: Radio Anak Pemkot Yogyakarta
MW stations having changed frequency:
909 Blora ex-1494
1071 Pacitan ex-1365
1116v Surabaya ex-1080
1224 Sumenep ex-1233
1350 Surabaya ex-1332
1449 Surabaya ex-1467v (Alan Davies via Arctic)

NEW ZEALAND: Effective January 22, National Radio officially changes to 'Radio New Zealand National', abbreviated as 'RNZ National'. This is part of a rebranding exercise. The Concert FM network becomes Radio New Zealand Concert, similar to the existing RNZ International. I believe AM Network remains unchanged because it's 80% on air as Southern Star anyway, but I'll need to check as it may become Radio New Zealand AM Network:) For those who QSL brands, they can relog every 'National radio' outlet! (David Ricquish)
747 Rotorua, NewstalkZB replaces 702 (David Ricquish)

SPORTS ON RADIO

Compiled by: Bob Pietsch (aka The Rocklin Rocket)

E-mail: robert@pietschs.net

2006 COLLEGE BASKETBALL (WOMEN'S) FLAGSHIPS - DIVISION I (per team's official web site)

Air Force Falcons 1300-KKML-Colorado Springs CO
Akron Zips 1350-WARF-Akron OH
Appalachian State Mountaineers 1450-WATA-Boone NC (a)(b)/90.5-WASU-Boone NC (a)
Arizona Wildcats 1400-KTUC-Tucson AZ
Arizona State Sun Devils 1310-KXAM-Mesa AZ
Arkansas - Little Rock 101.1-KWBF-North Little Rock AR
Arkansas State Indians 103.9-KJCF-Earle AR (a)/106.3-KRLW-Walnut Ridge AR (a)
Auburn Tigers 97.7-WKKR-Auburn AL
Austin Peay Governors 1400-WJZM-Clarksville TN (a)/91.7-WAPX-Clarksville TN (a)
Ball State Cardinals 1340-WXFN-Muncie IN (a)(b)/104.9-WERK-Muncie IN (a)(b)
Birmingham-Southern Panthers 91.1-WVSU-Birmingham AL
Boise State Broncos 730-KBSU-Boise ID
Bowling Green Falcons 88.1-WBGU-Bowling Green OH
Brown Bears 1240-WOON-Woonsocket RI
Bucknell Bisons 90.5-WVBU-Lewisburg PA
Buffalo Bulls 1340-WLVL-Lockport NY
California - Davis Aggies 90.3-KDVS-Davis CA

California - Irvine Anteaters 88.9-KUCI-Irvine CA
 California - Santa Barbara Gauchos 1340-KIST-Santa Barbara CA
 Campbell Fighting Camels 90.1-WCCE-Bules Creek NC
 Central Connecticut Blue Devils 107.7-WFCS-New Britain CT (b)
 Central Michigan Chippewas 91.5-WMHM-Mount Pleasant MI
 Colgate Red Raiders 93.9-WKXZ-Norwich NY (b)
 Colorado Buffaloes 760-KKZN-Thornton CO
 Creighton Bluejays 88.9-KVSS-Omaha NE
 Dartmouth Big Green 1490-WUVR-Lebanon NH
 Delaware Fightin' Blue Hens 1290-WWWTX-Wilmington DE (a)/91.3-WVUD-Newark DE (a)
 Drake Bulldogs 1350-KRNT-Des Moines IA
 Drexel Dragons 560-WFIL-Philadelphia PA (a)(b)/990-WNTP-Philadelphia PA (a)(b)
 Duke Blue Devils 620-WDNC-Durham NC
 Eastern Illinois Panthers 88.9-WEIU-Charleston IL
 Eastern Kentucky Colonels 1340-WEKY-Richmond KY
 Eastern Michigan Eagles 89.1-WEMU-Ypsilanti MI
 Elon Phoenix 89.3-WSOE-Elon College NC
 Evansville Purple Aces 91.5-WUEV-Evansville IN
 Fairfield Stags 88.5-WVOF-Fairfield CT
 Florida Gators 850-WRUF-Gainesville FL
 Florida International Golden Panthers 88.1-WRGP-Homestead FL
 Florida State Seminoles 1270-WNLS-Tallahassee FL
 Fordham Rams 90.7-WFUV-New York NY
 Fresno State Bulldogs 1430-KFIG-Fresno CA
 Georgia Bulldogs 102.1-WGMG-Athens GA
 Georgia Southern Eagles 94.9-WHKN-Millen GA (a)/102.9-WPMX-Statesboro GA (a)
 Georgia State Panthers 88.5-WRAS-Atlanta GA
 Georgia Tech Yellowjackets 91.1-WREK-Atlanta GA
 Gonzaga Bulldogs 1510-KGA-Spokane WA
 Hampton Pirates 88.1-WHOV-Hampton VA
 Hawaii Rainbow Warriors 1420-KKEA-Honolulu HI
 Hartford Hawks 91.3-WWUH-West Hartford CT
 High Point Panthers 790-WBLO-Thomasville NC (a)(b)/98.3-WIST-Thomasville NC (a)(b)
 Hofstra Pride 88.7-WRHU-Hempstead NY
 Holy Cross Crusaders 91.3-WCUW-Worcester MA
 Idaho Vandals 840-KMAX-Colfax WA
 Idaho State Bengals 91.1-KISU-Pocatello ID
 Illinois Fighting Illini 1400-WDWS-Champaign IL
 Illinois State Redbirds 1230-WJBC-Bloomington IL
 James Madison Dukes 1360-WHBG-Harisonburg VA
 Kent State Golden Flashes 640-WHLO-Akron OH
 Lafayette Leopards 1400-WEST-Easton PA
 Lehigh Mountain Hawks 91.3-WLVR-Bethlehem PA
 Liberty Flames 90.9-WWMC-Lynchburg VA
 Louisiana - Monroe Warhawks 1440-KMLB-Monroe LA
 Louisiana State Tigers 107.3-WTGE-Baton Rouge LA
 Louisiana Tech Bulldogs 107.5-KXKZ-Ruston LA
 Louisville Cardinals 790-WKRD-Louisville KY
 Maine Black Bears 620-WZON-Bangor ME
 Marquette Golden Eagles 1130-WISN-Milwaukee WI
 Marshall Thundering Herd 88.1-WMUL-Huntington WV
 Maryland Terrapins 1300-WJFK-Baltimore MD (a)(b)/105.7-WXYV-Catonsville MD (a)(b)
 Maryland - Eastern Shore Hawks 960-WTGM-Salisbury MD
 Massachusetts Minutemen 91.1-WMUA-Amherst MA
 Memphis Tigers 91.7-WMUR-Memphis TN
 Miami Hurricanes 90.5-WVUM-Coral Gables FL
 Michigan Wolverines 1050-WTKA-Ann Arbor MI (a)/1290-WLBY-Saline MI (a)
 Michigan State Spartans 730-WVFN-East Lansing MI
 Mississippi Rebels 105.5-WTNM-Water Valley MS
 Mississippi State Bulldogs 107.9-WFCA-Ackerman MS
 Montana Grizzlies 930-KLCY-East Missoula MT
 Montana State Bobcats 103.5-KZMY-Bozeman MT
 Morehead State Eagles 96.3-WIVY-Morehead KY
 Murray State Racers 1340-WNBS-Murray KY (b)
 Nevada Wolf Pack 630-KPLY-Reno NV (a)/1550-KXTO-Reno NV (a)
 Nevada - Las Vegas Rebels 1400-KSHP-North Las Vegas NV
 New Mexico Lobos 610-KNML-Albuquerque NM

New Mexico State Aggies 570-KSNM-Las Cruces NM
 Niagara Purple Eagles 1440-WJLL-Niagara Falls NY (b)
 North Carolina - Greensboro Spartans 950-WPET-Greensboro NC (a)/103.1-WUAG-Greensboro NC (a)
 North Dakota States Bisons 970-WDAY-Fargo ND (a)/105.9-KNDS-LP-Fargo ND (a)
 North Florida Ospreys 1010-WIOJ-Jacksonville Beach FL (b)
 North Texas Mean Green 88.1-KNTU-McKinney TX
 Northern Colorado Bears 1310-KFKA-Greeley CO
 Northern Illinois Huskies 1360-WLKB-Dekalb IL
 Northern Iowa Panthers 1330-KWLO-Waterloo IA
 Northwestern Wildcats 89.3-WNUR-Evanston IL
 Northwestern State Demons 100.7-KZBL-Natchitoches LA
 Ohio Bobcats 1340-WOUB-Athens OH (a)/91.3-WOUB-Athens OH (a)
 Ohio State Buckeyes 820-WOSU-Columbus OH
 Oklahoma Sooners 1520-KOKC-Oklahoma City OK
 Old Dominion Monarchs 1310-WGH-Newport News VA
 Oral Roberts Golden Eagles 1300-KAKC-Tulsa OK
 Oregon State Beavers 1340-KLOO-Corvallis OR
 Pennsylvania Quakers 88.5-WXPN-Philadelphia PA (b)
 Pittsburgh Panthers 970-WBGG-Pittsburgh PA
 Purdue Boilermakers 95.3-WLFF-Brookston IN
 Quinnipiac Bobcats 1120-WQUN-Hamden CT
 Radford Highlanders 1460-WRAD-Radford VA
 Rice Owls 91.7-KTRU-Houston TX
 Rider Broncs 1260-WBUD-Trenton NJ
 Sacred Heart Pioneers 600-WICC-Bridgeport CT (b)
 Samford Bulldogs 91.1-WVSU-Birmingham AL
 San Francisco Dons 90.3-KUSF-San Francisco CA
 Seton Hall Pirates 89.5-WSOU-South Orange NJ
 South Carolina Gamecocks 1320-WISW-Columbia SC
 South Dakota State Jackrabbits 910-KJQQ-Volga SD
 South Florida Bulls 860-WGUL-Dunedin FL
 Southeastern Louisiana Lions 90.9-KSLU-Hammond LA
 Southern California Trojans 1110-KDIS-Pasadena CA (b)
 Southern Methodist Mustangs 1630-KKGM-Fort Worth TX
 Southern Mississippi Golden Eagles 96.5-WXHB-Richton MS
 Southern Utah Thunderbirds 91.1-KSUU-Cedar City UT
 Stanford Cardinal 90.1-KZSU-Stanford CA
 Stephen F. Austin Lumberjacks 107.7-KTBQ-Nacogdoches TX
 SUNY-Albany Great Danes 90.9-WCDB-Albany NY
 SUNY-Stony Brook Seawolves 540-WLIE-Islip NY (a)/90.1-WUSB-Stony Brook NY (a)
 Temple Owls 1210-WPHT-Philadelphia PA
 Tennessee - Chattanooga Mocs 1310-WDOD-Chattanooga TN
 Texas Longhorns 1300-KVET-Austin TX
 Texas A&M Aggies 1150-KZNE-College Station TX
 Texas A&M - Corpus Christi Islanders 1230-KSIX-Corpus Christi TX
 Texas Christian Horned Frogs 88.7-KTCU-Fort Worth TX
 Texas State Bobcats 89.9-KTSW-San Marcos TX
 Toledo Rockets 1230-WCWA-Toledo OH
 Troy Trojans 94.7-WTBF-Brundidge AL (b)
 Tulsa Golden Hurricane 91.3-KRSC-Claremore OK
 UCLA Bruins 570-KLAC-Los Angeles (b)
 Utah Utes 700-KALL-North Salt Lake City UT
 Utah State Aggies 1390-KLGN-Ogden UT
 Valparaiso Crusaders 95.1-WVUR-Valparaiso IN
 Vanderbilt Commodores 560-WNSR-Brentwood TN
 Vermont Catamounts 620-WVMT-Burlington VT
 Virginia Tech Hokies 100.7-WFNR-Christiansburg VA
 Washington Huskies 1150-KKNW-Seattle WA
 Washington State Cougars 1150-KQQQ-Pullman WA
 Wake Forest Demon Deacons 98.1-WBRF-Galax VA
 Weber State Wildcats 88.1-KWCR-Ogden UT
 Western Carolina Catamounts 90.5-WWCU-Cullowhee NC
 Western Illinois Leathernecks 88.3-WIUS-Macomb IL
 Western Kentucky Hilltoppers 105.3-WOVO-Glasgow KY
 Western Michigan Broncos 96.5-WFAT-Portage MI
 Wichita State Shockers 1330-KNSS-Wichita KS

Wisconsin Badgers 1070-WTSO-Madison WI (a)/1310-WIBA-Madison WI (a)
 Wisconsin - Green Bay Phoenix 1400-WDUZ-Green Bay WI
 Wisconsin - Milwaukee Panthers 920-WOKY-Milwaukee WI
 Youngstown State Penguins 1390-WNIO-Youngstown OH

- (a) Co-Flagships
- (b) Partial Schedule

2006 COLLEGE BASKETBALL (MEN'S) FLAGSHIPS - DIVISION II

(per team's official web site)

Hawaii Pacific Sea Warriors 1500-KUMU-Honolulu HI (a)(b)
 North Dakota Fighting Sioux 100.3-KSNR-Thief River Falls MN

- (a) Partial schedule
- (b) Thanks to Dale Park

2006 CONTINENTAL BASKETBALL ASSOCIATION FLAGSHIPS

(per www.cbahoopsonline.com/)

Great Falls Explorers 1400-KXGF-Great Falls MT

GEOMAGNETIC INDICES
Compiled by: Phil Bytheway
 E-mail: phil_tekno@yahoo.com

Geomagnetic Summary December 14 2006 through January 23 2007

Tabulated from email status daily.

Date	Flux	A	K	Space Wx						
12/14	94	10	1	strong	1/	4	81	18	2	no storms
15	93	28	4	strong	5		89	16	1	no storms
16	87	70	3	severe	6		89	10	1	no storms
17	82	12	3	no storms	7		87	3	1	no storms
18	81	5	2	no storms	8		87	2	0	no storms
19	75	7	2	no storms	9		87	1	1	no storms
20	73	13	1	no storms	10		87	1	1	no storms
21	72	19	3	no storms	11		87	1	1	no storms
22	72	18	2	no storms	12		84	11	2	no storms
23	73	18	2	no storms	13		84	9	1	no storms
24	73	19	4	no storms	14		81	2	1	no storms
25	74	13	3	no storms	15		82	2	1	no storms
26	76	7	1	no storms	16		82	2	4	moderate
27	75	4	1	no storms	17		79	12	2	minor
28	73	3	2	no storms	18		78	22	4	no storms
29	76	2	0	no storms	19		77	24	3	minor
30	78	1	1	no storms	20		76	14	2	no storms
12/31	80	1	0	no storms	21		79	13	2	no storms
1/ 1	83	1	1	no storms	22		79	10	2	no storms
2	87	10	2	no storms	1/23		79	9	1	no storms
1/ 3	90	20	2	minor						

Pacific-Asian Log [PAL] Radio Station Guides

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What's on the radio in Honolulu...Kuala Lumpur... Lombok... Auckland... Brisbane... Beijing...

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For example, Adelaide [Australia] has 8 local MW stations, Anchorage [Alaska] has 7, Beijing has 12, and Bangkok has 24.

You'll also find out the station slogan [KHAR Anchorage uses 'Heart Radio, The Station of the Stars'; format [KHAR plays Nostalgia music'; power in kilowatts [KHAR uses just 5kW so is a rather low powered station designed to cover Anchorage only] and more.

On shortwave, China boasts 562 separate entries such as the Voice of Pujiang, Shanghai on 3280 kHz.

During the current Haj Pilgrimage [until January 29 2007], All India Radio's transmitter at Khampur [near Delhi] has special programs in Urdu on 17845 kHz directed towards Indian Moslems in the Middle East.

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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.



THE INTERNATIONAL RADIO CLUB OF AMERICA
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