



January 5, 2013 – Volume 50, Number 17 – Edition 1588 – ISSN 899-9733

FROM THE EDITOR-IN-CHIEF

This is the first DX Monitor of 2013. Make sure you mark your calendars for the Learning and Sharing convention in the Twin Cities in August; information is noted below. I'm sure you're wanting to do something new for IRCA; there are still a few openings left. Contact Lee Freshwater for details.

IRCA Goodie Factory/Bookstore Closure

The IRCA Goodie Factory (ie Bookstore) is closed until later this month. Phil is recovering from surgery he had in mid-December and will be unable to process orders for several weeks afterwards. Phil will let us know when you can send your orders to the Goodie Factory and Bookstore again.

LEARNING AND SHARING: 2013 - TWIN CITIES

The **National Radio Club** and the **International Radio Club of America**, in conjunction with the **Minnesota DX Club** and the **Worldwide TV-FM DX Association**, take great pleasure in announcing their joint "DXer" convention will be held in Minneapolis, August 1st through the 4th, 2013. Your hosts: Mark Durenberger (NRC), Mike Sanburn/Phil Bytheway (IRCA).

Called **LEARNING AND SHARING: 2013**, the conference will combine formal tutorials and technical sessions, gab gatherings, a DXpedition and ideas on how to enhance radio listening. Show-and-tell, new antenna designs and DX stories will be combined with information on receiver improvements and propagation.

The highlight of the convention will be one of its venues: The Museum of Broadcasting. There we'll see first-hand more than a century's worth of communications artifacts, operate a live Spark-Gap transmitter, learn about the history behind our hobby and see how broadcasts were made from the Museum's vintage radio studio.

The combined auction is going to be a big one this year; the Museum and others will be auctioning some nice communications gear.

Optional tours during the three-day Convention include area radio stations and the Mall of America.

The hotel selected for the 2013 Convention is the Holiday Inn Bloomington South Airport Mall in Minneapolis. Reservation and Registration information will be published shortly.

SAVE THE DATE... the first weekend next August! Further information will follow. If you have questions please contact Host Mark Durenberger at www.durenberger.com.

NRC AM Radio Log, 33rd Edition

The **NRC AM Radio Log** is unbound and three-hole punched for standard binders. Media Rate: \$19.95 to US IRCA/NRC members; \$25.95 to US non-members; to Canadian members, \$24.00 (\$28.95 to non-members); add \$3.50 for Priority Mail. Airmail to all outside of USA/Canada: \$33.00. Canadian orders: PayPal or postal MO only. Order from: NRC Publications – PO Box 473251, Aurora CO 80047-3251, or via www.nrcdxas.org. (CO residents, please add 3.5% sales tax.) Please state your IRCA membership affiliation when you order.

FROM THE PRESIDENT (Lee J. Freshwater)

Please see the note at the end of the December 1 EDXR. It is time for some other members to step up.

Volunteers are still needed for the following:

AWARDS : Not much to do here except for printing out the HEALD award every year. . No one has applied for the DX awards for many years.

PUBLISHING : Get address list from Lynn. Create labels and envelopes. Send (email) PDF file from the EIC to the printers, Pick up, Staple, Fold, stuff, then mail. It takes me about an hour to do the labels and envelopes. I usually do the envelopes on Wednesday morning before leaving for work. I pick up the DXM at the Printers on Wednesday night on my way to dinner. I staple, fold and mail on SATURDAY AM. It takes about an hour to fold and staple. It helps when you have a wife that assists you. You can set your own schedule as long as the issues goes out on or before the masthead date. You will also need to send out sample issues as needed.

I will be giving up these duties at the end of VOLUME 50. If no one comes forward during VOLUME 50, these features WILL go away. I will NOT extend my club duties past VOL 50.

BROADCASTING INFORMATION

Robert J. Wien (KG6RJW/3) - 902 Hall Station Drive #104 - Bowie, MD 20721
E-mail: wienbob@aol.com Column Deadlines: Saturdays

DATE OF COLUMN: DECEMBER 29, 2012

Column data span: December 16-December 29, 2012

Data courtesy of Stationintel.com, FCC database and member contributions
COLUMN DEADLINES: SATURDAYS

Please send your tips to the Email address above only and no other.
Deadlines for column will be Saturdays. Thank you.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
690	WIST	New Orleans, LA	WQNO
970	KNUU	Paradise, NV	KNIH
1330	KTAE	Cameron, TX	KTON

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
940	WINE	Brookfield, CT	old slogan "ESPN Radio", now "Sportsradio 940/1510"
950	WPEN	Philadelphia, PA	old slogan "97.5 The Fanatic", now "Family Radio" was ESPN sports, now rel. teaching
960	WABG	Greenwood, MS	new slogan "The People's Station" was oldies, now Cumulus classic hits
1050	WMSG	Oakland, MD	old slogan "southern gospel", now "My 100.1" was southern gospel, now adult standards
1220	KOMC	Branson, MO	old slogan "KSLO Radio", now "Juan FM" was classic C&W, now Dial Global Juan FM
1230	KSLO	Opelousas, LA	Spanish hits
1240	WNRA	Eufaula, AL	was silent, now format not available
1330	KTON	Cameron, TX	old slogan "Lone Star Legend", now "ESPN Radio 107.7" was talk, now ESPN Sports
1330	KTMM	Grand Junction, CO	was ESPN radio now Fox Sports Radio
1380	WNRR	North Augusta, SC	now silent
1490	KLZN	Susanville, CA	adds slogan "Fox Sports Radio 1490"
1490	KLZN	Susanville, CA	was oldies, now Fox Sports
1490	KNAM	Silt, CO	was ESPN radio now Fox Sports Radio
1490	WDUR	Durham, NC	now silent
1510	WPUT	Brewster, NY	old slogan "ESPN Radio", now "Sportsradio 940/1510"
1550	WLTI	New Castle, IN	adds slogan "Real Country AM 1550"
1550	WLTI	New Castle, IN	was silent, now Cumulus Real country
1560	WLZR	Melbourne, FL	was silent, now ESPN radio, "ESPN 95.9"
1580	WVKO	Columbus, OH	was talk, now black gospel
1600	WKWF	Key West, FL	was Yahoo sports, now Fox Sports Radio

MEMBER CONTRIBUTIONS

Dale Park of Honolulu, HI sends along the following dated 12/19/12:

From The Huffington Post:

George Noory, Host Of 'Coast To Coast AM', Makes Doomsday Prediction: 'We're Gonna Be Here'

Friday is the end of the world, at least if you believe the mysticism that surrounds the final date of the centuries-old Mayan calendar.

Indeed, there's some talk of prepping for doomsday, but America's leading talker on UFOs and unexplained phenomena won't be addressing his millions of followers from a subterranean bunker. In fact, he's pretty sure life will go on, even if it will be filled with controversy over secret government files on what our leaders truly know about extraterrestrial visitations. "I'm a staunch believer that, no matter what kind of a roller-coaster of life we may be on, we're gonna be here. It's not going to be rosy or a smooth ride, but we're gonna make it and one of the things I always say is we're in this together, no matter what," said George Noory, host of "Coast to Coast AM," the most listened to overnight radio program in North America, heard by an estimated 3 million weekly listeners on more than 560 stations and streaming to 10 million more Internet followers. "Any calamity that might occur doesn't affect one, it affects all of us, and we'll get through it together as a team, one way or another," Noory, pictured at left, told The Huffington Post. "Is it going to be an end-all for us?"

Probably not around that time period. Strange things could happen at any time now." Each night on "Coast to Coast AM," listeners are captivated with discussions on news and current events, with heavy doses of UFOs, ancient aliens, conspiracy theories, alternative medicine, life-after-death and all things curious and unexplained. With so many people around the world wondering what will or won't happen this Friday, "Coast to Coast AM" has offered countless programs, giving its audience credible sources of information. From doomsday scenarios and phobias to NASA debunkers and religious thinkers, the program leads the pack of mainstream broadcast media in sifting through the end-of-the-world possibilities. The "Coast to Coast AM" fan base includes some well-known -- and diverse -- music, television and movie personalities. "These days, it's no surprise that at the close of an evening's performance...my main late night experience is tuning in to 'Coast to Coast' radio. In addition to the subject matter, I think that George Noory has a very pleasing demeanor and actually has the ability to put us at ease."

Ye editor of Bowie, MD sends along the following dated 12/28/12:

From The Huffington Post:
 WBAP, Texas Station, Falsely Reports Death Of George H.W. Bush
 A Texas radio station was forced to apologize on Thursday after falsely reporting that former president George H.W. Bush had died.
 The Dallas Observer flagged the error from local station WBAP. The station not only reported that Bush -- who has been in the hospital for weeks due to complications from bronchitis -- was dead, but it also sent out breaking news alerts to its email followers.
 Spokesmen for Bush say that, while he is sick, he is far from dying. WBAP had to send another message acknowledging its mistake.
 Luckily for WBAP (and everyone else in the media), the "Biggest Errors of 2012" lists have already been released.
 Happy 2013 to everyone, looks like we survived the end of the Mayan calendar and the Xmas shopping rush! 73's. Bob Wien

WESTERN DX ROUNDUP
Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755
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WDXR DEADLINES: Jan. 4, Jan. 18, Jan. 25, Feb. 1, Feb. 8, Feb. 22. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (RB) **Rick Barton**-El Mirage, AZ desertmoon_dxshack@inbox.com
Tecsun PL-660 (barefoot)
- (AB) **Art Blair**-730 SW 3rd St.-Fruitland, ID 83619 artblair1937@gmail.com
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Hammarlund HQ-180, Kchibo D96L, and car radio; Sanserino air-core box loop
- (DN) **Darrell Neft**-Costa Mesa, CA darrellneft@gmail.com
Grundig G5 using the Radio Shack loop

- *****
- 770 KCBC CA, Manteca 12/22 1140 fair, very late AM, with "Dr. Bob Marshall" health program. (RB-AZ)
 - 780 WBBM IL, Chicago 12/28 0345 ID followed by weather & traffic. Signal was weak and faded in & out in KKOH null. (DN-CA)
 - 790 KBET NV, Winchester 12/27 0659 KBET ID, news at 0700. Poor. (AB-ID)
 - 810 KGO CA, San Francisco 12/22 1200 very good with weekend health program. (RB-AZ)
 - 860 KKOW KS, Pittsburg 12/25 1003 news & KKOW ID, poor under KPAM. New. (AB-ID)
 - 960 KNDN NM, Farmington 12/27 1924 with ads in Navajo and English then at 1928 "KNDN Farmington, New Mexico." (BB-AZ)
 - 970 KVVM AZ, Show Low 1/22 1116 sports talk about the Arizona Wildcats, fair with KUFO QRM. New. (AB-ID)
 - 980 KSVC UT, Richfield 12/22 1100 Kim Komando show with house spots to BoH and program on home plumbing. Good. (RB-AZ)
 - 990 KTKT AZ, Tucson 12/22 1923 ESPD programming, some portions in English. Fair with others. (AB-ID)
 - 1080 KFXX OR, Portland 12/26 1011 KFXX ID, local ads and news at 1012. (AB-ID)
 - 1140 KYDZ NV, Las Vegas 12/27 1330 still holding steady with fair-good signal, pushing towards local noon. (RB-AZ)

- 1160 KSL UT, Salt Lake City 12/22 1320 talk show to NBC news at BoH. Faded out, then "Top news stories in Salt Lake...KSL news time, 11:32." Fair. Maybe a record for me, this late in the day. (RB-AZ)
- 1170 KYET AZ, Golden Valley 12/22 1330 Dolly Parton music, had been in/out all morning. Bottom of hour, male with ID "This is KYET, Golden Valley-Kingman." (RB-AZ)
- KLOK CA, San Jose 12/27 had caught a very late day reception of a San Diego morning news program, returned from coffee refill to find Indian (i.e. Bollywood) music. At BoH female program host "Sri-Jah" introduced traffic reporter with references to northern California locations. Very strong signal, holding steady to near the hour, with health program and "408" Area Code. (RB-AZ)
- 1320 KFNZ UT, Salt Lake City 12/22 1310 holding steady with "Yahoo Sports" well into morning. (RB-AZ)
- 1330 KWKW CA, Los Angeles 12/22 1131 in Spanish, under/over Gallup, NM (KGAK) with mentions of "Spain" and "ESPN Sports" (Español...deportes ESPN). (RB-AZ)
- 1350 KCCY CO, Pueblo 12/27 0908 with "1350 KCCY America's Country." (BB-AZ)
- 1370 KXTL MT, Butte 12/24 2145 long ad block with Kalispell and Billings mentioned. 1380 KSRV slop. (AB-ID)
- 1410 KGSO KS, Wichita 12/23 1810 KGSO ID, sports, then gone. New. (AB-ID)
- 1480 KQAM KS, Wichita 12/23 1832 gent with "14-80 KQAM" ID then covered by unID Spanish language station. New. (AB-ID)
- 1520 KVTA CA, Port Hueneme 12/27 0921 with weather report and at 0924 "KVTA." (BB-AZ)
- 1560 KNZR CA, Bakersfield 12/22 1140 fair-good with money/finance program. (RB-AZ)
- 1570 KPRO CA, Riverside 12/22 1135 male announcer "Getting you in the Christmas mood...here at KPRO." (RB-AZ)
- 1650 KBJD CO, Denver 12/21 1204 woman with "Radio Luz" slogan. (AB-ID)
- 1580 KREL CO, Colorado Springs dominant on car radio 12/22 at 0833. Announcer mentioned "Real Radio" and "the new KREL," suggesting it's abandoned the Radio Colorado Network. (LG-MT)

Happy New Year everyone! Nancy 12/28 2100

CENTRAL DX ROUNDUP
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RIDING GAIN

- [EB-MO] **Eric Bueneman**, Hazelwood, MO N0UIHEric@aol.com
GE Superadio III, Yaesu FRG-7, Worcester Space Magnet 2.
- [GH-OK] **Glenn Hauser**, Enid, OK wghauser@yahoo.com
DX-398
- [POB-IN] **Pat O'Brien**, Pekin, IN obie47165@yahoo.com
Eton S350DL, Grundig Indoor Loop.

DOWN THE DIAL

- 750 WNDZ IN, Portage. 12-22 fair over WSB. 17:13 with instrumental music, sign-off. "This is AM 7-50 WNDZ Portage, Indiana. Chicago" legal ID before carrier shut off. [EB-MO]
- 910 WEPG TN, South Pittsburg. 12-22 good to fair over KVIS. 00:30 with Christmas music, dual legal ID with WSDT-1240. [EB-MO]
- 920 WTCW KY, Whitesburg. 12-22 fair to poor mixing with KARN and KDHL. 01:58 with Classic Country format. "9-20 WTCW Whitesburg" legal ID. [EB-MO]
- 930 KLUP TX, San Antonio. 12-25 easily heard without nulling WKY who was on with open carrier, dead air. 10:00 with "KLUP" ID and news. [GH-OK]
- WKCT KY, Bowling Green. 12-23 fair over WTAD. 17:00 with "News, talk 9-30 WKCT Bowling Green" legal ID into Spanish program. [EB-MO]
- 940 WECO TN, Wartburg. 12-23 fair to poor through WMIX. 17:12 Noted with Southern Gospel music, "9-40 WECO" ID. [EB-MO]
- 950 WBES WV, Charleston. 12-20 fair to poor mixing with WWJ, KWOS, several others. 17:52 with local spots with mention of Area Code 304. [EB-MO]
- 1000 KKIM NM, Albuquerque. 12-26 with KTOK nulled. 09:57 with weather, jingle, "New Mexico's Christian heritage station." [GH-OK]
- 1040 CJMS PQ, Saint-Constant. 12-23 fair to poor through WHO. 04:17 with Country format, local spots in French. PQ #10 from my location. [EB-MO]
- 1060 KRCN CO, Longmont. 10:34 with Christmas music from Mormon Tabernacle. [GH-OK]
- 1140 WVLE IL, Pekin. 12-20 good over KSOO, digital interference from KMOX-1120. 16:13 noted with the "Duke and the Doctor" medical talk program, local spots. "AM 11-40 WVLE" ID. [EB-MO]

- 1220 WHKW OH, Cleveland. 12-23 fair to poor over several others. 02:54 with "AM 12-20 WHKW, The Word" ID in promo. Christian talk format. [EB-MO]
- 1280 WNAM WI, Neenah. 12-24 fair to poor, mixing with WGBF, KYRO. 02:05 with calls during promo, local spots, weather, "WNAM" jingle and Christmas music. [EB-MO]
- 1300 KGLO IA, Mason City. 12-22 good to poor over WNQM. 16:42 with local spots, AM 13-hundred KGLO" ID and weather forecast. [EB-MO]
- WOAD MS, Jackson. 12-22 fair to poor mixing with WLXG, WOOD. 03:05 with Urban Gospel music, "13-hundred WOAD" ID. [EB-MO]
- 1410 WIZM WI, La Crosse. 12-22 good to fair over WIHM, WRMN. 16:57 noted with "The Kim Komando Show," local spots, "News, talk 14-10 WIZM La Crosse" legal ID into CBS News. [EB-MO]
- 1440 KRZD CO, Wray. 12-23 poor. 01:20 with spots, contest promo, oldies format. New station for me. [POB-IN]
- WROK IL, Rockford. 12-22 good to poor over WGEM, minor ACI from KZQZ-1430. 16:23 with Limbaugh rebroadcast, "Rush's week in review Saturdays at 1 on WROK" promo. [EB-MO]
- 1470 KFMZ MO, Brookfield. 12-20 good to poor through WMBD. 17:15 with Hot Adult Contemporary format, "96-point-nine KZBK" slogan. [EB-MO]
- 1490 WGEZ WI, Beloit. 12-26 fair to poor with others in WQQX null. 17:35 with "14-90 AM the true oldies channel" slogan, local spots, legal ID at 18:00 into local news. [EB-MO]
- 1520 KOLM MN, Rochester. 12-21 poor. 01:22 with sports. "The Ticket, ESPN" slogan. [POB-IN]
- 1530 KLBW TX, New Boston. 12-21 good to fair through WCKY. 03:44 with Southern Gospel music format. "Solid Gospel" slogan, promos, local spots, legal ID at 04:00 into SRN News. [EB-MO]
- 1550 CBEF ON, Windsor. 12-23 good to poor mixing with KAPE and WLOR. 00:42 with rock music program and talk in French. [EB-MO]
- KAPE MO, Cape Girardeau. 12-23 good to poor mixing with CBEF, WLOR. 00:46 with local spots, "This is Cape Radio, 15-50 AM and 100 point three FM. News, talk." [EB-MO]
- 1580 KHGG AR, Van Buren. 12-25 no problem hearing since KOKB was just open carrier, dead air. 10:32 with "Sports Hog 103.1" slogan. Lost to KREL. [GH-OK]
- 1590 WAKR OH, Akron. 12-23 fair to poor mixing with WAIK, KYNG. 23:00 with "WAKR Akron" legal ID into ABC News. [EB-MO]
- WCGO IL, Evanston. 12-20 good to poor over WAIK, minor digital interference from KATZ-1600. 15:23 with local spots, promo into Tejano music in Spanish. [EB-MO]
- 1600 KGYM IA, Cedar Rapids. 12-20 fair to poor through KATZ. 16:00 noted with ESPN Sports Center. [EB-MO]
- 1620 WTAW TX, College Station. 12-23 fair. 00:36 with news and weather. [POB-IN]
- 1660 KQWB ND, West Fargo. 12-23 good over WQLR, KUDL. 16:45 with Oldies format, "True Oldies 16-60" slogan. [EB-MO]

25 YEARS AGO

January 2, 1988 issue of IRCA's "DX Monitor" ... **Rick Evans** of Wisconsin Rapids, WI mentioned the 7 inches of snow wasn't as good for reception as he expected ... **Karl J. Zuk** of Croton-on-Hudson, NY told in his President's Report that the IRCA was looking into using the new Zip+4 Zip Codes.

OPEN MIKE

Welcome to 2013. This column was typed 12-29-12. 73, John

DX WORLDWIDE – II

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ASIA AND PACIFIC

COOK ISLANDS: Sunday night blew all night with quite a major storm, but little rain. The morning revealed a lot of debris on the ground and all the roads, and even a fishing boat washed up on the breakwater in Avarua town. Monday morning, we went back into town and after asking around, easily found RCI. It's one block west of the town turn-around, and former location of the SW transmitters of RCI. On the site is, perhaps the largest building in Avarua town, and that's the court house...a large, imposing brick building. One sees absolutely no sign of the former occupants.

Traveling the one block west to the petrol station and turning left, one sees a brightly coloured building, totally unmarked. Inquiring at the front desk, I'm told that RCI is down the hall, and to just walk in! At the end of this hall I could see a very small studio with a middle aged announcer at the desk. He motioned for me to come in. The building houses the TV studio for the Cook Islands, which has a single channel (8, I believe). The announcer, with one of those unpronounceable Cook Island Maori names, has not worked at the station for too many years. His shift covers 08:00 to noon,

Monday to Friday. He wasn't particularly knowledgeable about any of the technical details, unfortunately, nor was there anyone present who knew much.

There are five employees of RCI, which is totally privately owned these days. They have absolutely nothing printed that they could share with me. He acknowledged the 88.8 MHz transmitter, at the station, which covers only about the northern half of the island. I know that I could only receive it 4 or 5 km up the road towards Avarua town. He was also well aware of the 630 transmitter, of course. On air, there's no mention of the FM relays, just 630. The neighboring island of Aitutaki (about a 30 minute flight north) apparently also has a FM relay, but he seemed to indicate that none of the other islands do, but this doesn't sound right, since the northern Cook group is a long way off at S 10 deg latitude, vs our S 20 degrees. 630 might do fine at night for the area, but certainly not during the day!

The announcer stated that there's live programming from 06:00 AM local to 12:00 noon, Monday to Friday. There's no news department per say. Instead, if there is anything important, they'll announce it. On Saturdays, there may be some sports broadcasts. He stated that at other times, the programming is all computerized, and that sign-off was at 23:30 local. That makes pretty good sense, since everything winds down very early on the island. The stores/businesses are all pretty much locked up by 4:00 pm, or 4:30 in some cases. Afterwards, only bars, restaurants, and some corner stores remain open. Listening at lunch today (Tuesday), there definitely still was some local live programming until at least 12:05 pm or so.

An interesting side note re the announcer, was that he recently lost his home to an apparent arson (there's been a spate of them lately). He was thankful that his family was safe, and that he could regroup and carry on. Asking him about KCFM (and others as well) indicated that everyone knew about the station, but no one could tell me what happened. I can certainly say that there's no indication that they're still on the air. I suspect that they closed down in recent months, but I won't stake everything on that assumption. People are just happy to exist here, and don't nosey around if it's not their business! Unfortunately, the technical expert wasn't around that day, nor the owner who might have filled me in better on the details about the station. I certainly didn't ask about QSL cards or the like!

Around the back of the station is a large satellite dish, as well as the presumed FM tower next to it. Looking closely, though, there was also a small dipole antenna with 3 lengths, cut for different wave bands, I guess. It was all twisted up, but with my experience receiving RNZI, it's always super strong, even with a short whip antenna! Adrian Sainsbury of RNZI very likely erected it on one of his technical visits (the 2 RCI workers both knew Adrian) for reception of DRM transmissions, for further re-broadcast on RCI, which is very often, especially in the mornings for news, etc. When I asked about KCFM, they pointed me further up the street, but going up there, there's absolutely no sign of any other stations. There is the large Cook Islands telecom building just up the street and across, with 2 even larger satellite dishes, but they advertise cell phones, internet services and the like there. (Speaking of cell service, it's ubiquitous here with probably a good half-dozen cell repeater towers scattered around the island). That summarizes my visit to RCI. Sorry for not being able to find out any further technical details! (Walt Salmaniw, visiting Rarotonga, Cook Islands via dxld yg 11 Dec)

INDIA: India's public radio and television broadcaster Prasar Bharati has issued orders for six Nautel NX Series 300 kW medium wave transmitters configured for DRM30 transmission. The purchase is part of All India Radio's (AIR) plans to upgrade facilities throughout India to DRM30 digital broadcasting. The DRM digitisation implementation will allow AIR to also use alternative platforms such as podcasting, SMS, webcasting and mobile service. AIR also intends to offer a 24-hour news channel along with other programming. Additional services such as Interactive Text Transmission and disaster warning alerts are also planned.

Hal Kneller, Nautel Regional Sales Manager – Europe and Africa. "As a member of the DRM Consortium executive and steering boards, it thrills me that Nautel has been chosen to bring India into the age of digital radio with this technology. Not only will listeners hear high quality sound on AM broadcasts, they will also enjoy many of the multi-media features that DRM has to offer. Millions of DRM receivers will now be in demand!"

"What a tremendous opportunity for the radio industry in India," said Peter Conlon, Nautel President and CEO. "Prasar Bharati and All India Radio have embarked on a project that will bring great flexibility and a world of possibilities to broadcasting in India. We look forward to working with AIR as they proceed with their digital deployment."

Yogendra Pal, Hon. Chairman of the DRM India National Chapter, was also very pleased with the announcement: "This is excellent news and an important milestone in the prestigious digitisation initiative of the Indian Government and All India Radio. With the commissioning of these transmitters, radio listeners in the country will not only get extra content but also be able to enjoy a high quality service on MW".

His words were echoed by Ruxandra Obreja, Chair of the DRM Consortium, who welcomed this grand-scale development; "When all these transmitters are on air, with the extra content that will be made available, India will be probably the largest digital radio country in the world. This roll-out should encourage chipset and receiver manufacturers to produce more DRM receivers. The Prasar Bharati

announcement re-affirms All India Radio's commitment to digital technologies and proves that DRM has come of age". (DRM Consortium Press Release via Alokesh Gupta, dx_india 11 Dec)

PAKISTAN: Pakistan and Japan have signed an agreement for rehabilitation of the MW broadcasting network of PBC. The agreement was signed by Secretary Economic Affairs Division Javed Iqbal and Japanese Ambassador to Pakistan Hiroshi Oe in Islamabad. Director General Radio Pakistan Murtaza Solangi was also present on the occasion.

Under the agreement, Japan would provide Grant Aid worth about 1.56 billion rupees for the replacement of Radio Pakistan's outdated one thousand kilowatt medium wave transmitter at Faqirabad with digital enabled five hundred kilowatt medium wave transmitter. It also envisages replacement of studio equipment installed in five studios and Master control room at the National Broadcasting House in Islamabad with the modern, state-of-the-art digital equipment.

The total cost of the project is over one thousand six hundred forty four million rupees and it will be completed in about twenty months. Of the total cost, the Pakistan government would share eighty five point seven six one million rupees to meet local expenses. The new digital transmitter will provide day time coverage in a radius of four hundred kilometer including Kyber Pakhtunkhwa, FATA, Gilgit Baltistan and parts of Punjab, whereas the night time coverage will be approximately one thousand kilometer. On the occasion, both the countries also signed an agreement for the improvement of Child Health Institute in Karachi. Japan will provide 1.6 billion rupees for this project. <http://www.thefrontierpost.com/news/14688> (via Mike Terry DXLD 21 Dec)

WESTERN HEMISPHERE

BOLIVIA: See Peru

COLOMBIA: Currently the frequency of 1010 kHz, which belongs to William Vinasco, is broadcasting the programming of Vibra FM 104.9 MHz. This station belongs to Vinasco. Until a few years ago the frequency of 1010 kHz was used by Radio Reloj. The frequency of 850 kHz continues with mixed programming from Candela, sometimes in // with 101.9 MHz and occasionally with separate programming and identifications. It is difficult to know what is going to happen to these two frequencies managed by William Velasco. They also need to put back 1580 kHz on the air. Also they haven't explained the sale or letting? of 1160 kHz to Fuego AM. (Rafael Rodríguez via Mauno Ritola, Christer Brunström, ARC)

RCN is advancing and the Super network is history. Cadena Super in Colombia has been bought by RCN (the owner of the Super family perhaps had a feeling that now was the time to gear down since one of the most enterprising brothers of the Pava Camelo trio, the wheel chair tied Henry, passed away earlier this year). What the newly purchased stations will be called, etc., so far is not known. (Henrik Klemetz, ARC)

PERU: [and non]. Dear Glenn, Hope you are doing well. Having spent a week (29 October – 6 November) in Peru, I would like to share my radio logs and some other impressions with you. I visited Cuzco (and around), Puno (and around) as well as Lima. In Cuzco I met with Mr Carlos Eduardo Gamarra Moscoso, the former frequency manager of Radio La Hora. I still keep the 2006 QSL-card signed by him. Unfortunately, Radio La Hora is no longer on shortwave. Moreover, for two years already Mr Carlos Eduardo has been working for another Cuzco station, Radio Universal. He has been an enthusiastic DX-er since 1975 (listening and corresponding in Spanish only, as he speaks no English). We saw part of his collection together and also did some listening, mostly on mediumwave. He regretted that many Peruvian stations (including R. La Hora and R. Universal) have quit shortwave, remaining only on FM and mediumwave. The only Cuzco station still on SW is R. Tawantinsuyo, broadcasting on 6174 kHz. He also said that most local stations do not care much about DX reports, nor do they issue QSLs. Yet he would be glad to issue one from R. Universal, in case someone sends a report to: adalidcusco@hotmail.com

AM stations in Cuzco, with strong or very strong signal in the local evening:

680 R. Vida: <http://www.radiovidacusco.org> (religious)

720 NSE Radio: <http://www.nseradio.com> (religious)

740 R. La Rompe

790 UNID religious station (in Quechua). R. La Luz, as per Internet

810 R. Jerusalén (religious), in Spanish and Quechua

830 R. Inti Raymi

870 R. Dios Es Amor (in Spanish and Portuguese!)

920 R. La Voz (famous religious station, formerly also on SW from Chile – <http://cvclavoz.com>)

940 R. Las Vegas //100.1 FM (pop music)

1000 R. Prensa al Día

1030 R. Poder Inka

1060 R. Studio 1060

1080 R. Salkantay //92.7 FM

1130 R. Universal, on MW only from 12:00 to 14:00 UTC.//103.3 FM

1190 R. Tawantinsuyo //6174 SW!

1270 UNID religious station (R. Difusora Horizonte, as per Internet?)

1350 R. Santa Beatriz //101.3 FM

1370 R. Santa Mónica (?) – voice inaudible due to transmitter problems

1560 R. María (Catholic). Also announces 97.7 FM – but not received on this frequency

MACHU PICCHU PUEBLO (formerly Aguas Calientes): From Cuzco I went to Machu Picchu for two days. The only FM station I was able to receive in Machu Picchu Pueblo (formerly called Aguas Calientes) was on 93.7 MHz. Many Internet sources refer to it as R. Sonlatina, although what I heard as an ID (at least that's what I thought) was "Doble U Garden" (or smth similar).

PUNO, near Lake Titikaka: Here I had a chance to listen in several locations: the town of Puno itself; on a boat to the islands of Amantani and Taquile (and back); and on the island of Amantani itself (by the way, it boasts of being the highest island in the world). It was very interesting to note that, on approach to Amantani, all the signals (on all bands!) suddenly disappeared, and no station was audible for a good 15 minutes – probably due to some geomagnetic phenomenon.

Mediumwave. As I was close to the Bolivian border, here I managed to receive quite a few stations from Bolivia, in addition to the Peruvian ones.

PERUVIAN STATIONS (times UT):

620 04/11 1920 UNID - announced as R. Maranatha, SINPO 45444. Could be R. Revelación, Chulcanas, Piura, as per <http://www.wmbaranatha.org/384882.ihtml> - but it's too far for such a good SINPO.

640 04/11 0146 R. Nasuna, Puno, SINPO 45544.

710 04/11 1902 UNID, SINPO 44444

720 04/11 1904 UNID folk music station, SINPO 55544. Mention of Arequipa

780 04/11 1432 R. Nuevo Tiempo, SINPO 45544.

810 04/11 0155 RPP (Programas del Peru), SINPO 44444

850 03/11 1835 R. Pachamama, Puno, SINPO 55555. The name means "Mother Earth" in the local language.

850 04/11 0353 UNID folk music station, SINPO 54444.

910 R. 04/11 1744 UNID, SINPO 45444, slightly overmodulated. Possibly R. Intur(?).

920 04/11 0350, 1507 R. Campesina, Peru, SINPO 34333 to 35444. Announced to be on air from 0730 to 2200 local time (i.e. 1330 to 0400 UTC).

930 04/11 1910 UNID folk music station, SINPO 45444 to 55555. Mention of Juliaca. Must be R. Colca, as per Internet.

1010 04/11 1514 UNID - R. Boray (Moray??), Puno, SINPO 45444

1050 04/11 0407 UNID - SINPO 45543, bad modulation. Mentioned website something like RFR.com??

1070 04/11 1840 UNID - R. La Torre(?), SINPO 35444 (Puno??)

1150 04/11 0157 UNID folk music station (announcing "Reina de los Andes"), SINPO 34434.

1200 04/11 2001 R. Continental, Puno, SINPO 45444. Clear ID as "Radio y televisión Continental".

1220 04/11 0411 R. Melodía Arequipa, SINPO 25433

1240 04/11 0159, 1958 R. Frecuencia Amistad, SINPO 33433 to 45444. Clear IDs.

1260 04/11 0343 UNID - La Estrella(?), religious programme

1300 04/11 0340 UNID – sounded like R. Um á, SINPO 23433

1400 04/11 0331 UNID – R. Pico(?), SINPO 43444

1460 04/11 1948 R. El Sol de los Andes, Juliaca, SINPO 45544 to 55555

1510 04/11 0326 R. Alegría, Arequipa, SINPO 33333

1570 04/11 1946 R. Dios Es Amor, SINPO 45444. Preaching translated from Portuguese.

BOLIVIAN STATIONS (times UT):

580 04/11 1934 R. Panamericana. SINPO 45444, with commentary of football match between La Paz and Oriente clubs. NOT// to 680, yet commenting on the same match!

620 04/11 1851 UNID folk music station from Bolivia (may have been R. San Gabriel, according to Internet info), SINPO 34433. Mention of Guanay Province.

650 04/11 1420 R. Integración (also IDed as "Viva?"), El Alto, Bolivia, SINPO 35333, later 55555!

680 04/11 1922 R. Andina(?), La Paz, SINPO 45344. Commentary of football match between La Paz and Oriente clubs. Mention of "Radio America Deportes" (relay?). NOT// to 580, yet commenting on the same match!

700 04/11 1925 UNID folk music station (announcing "La Nueva Voz Continental, la Nueva Reina del Sur..."), Peru, SINPO 35444. Occasional transmission problems.

700 04/11 0151 R. Curipana/Sudopana??, SINPO 44544. Mention of Cochabamba. Announces 710 kHz, though in reality on 700! Nowhere can I find any data on this station on the Internet. The ID is certainly something between the two (I heard it several times on different days).

760 04/11 1430 R. Fides, SINPO 55553, awful modulation!

900 04/11 1505 La Voz de Su Gente(?), La Paz, Bolivia, SINPO 35333. R. La Popular, as per Internet?

1300 04/11 1950 R. Sol, SINPO 35444, later 35333. Clear ID.

On the island of Amantani I also tried listening to shortwave.

4747, 0024 04/11 R. Huanta, SINPO 35333. I wasn't able to get a definite ID – but there were multiple mentions of Ayacucho in the program.

4954.5, 0045 04/11 R. Cultura [I] Amauta (tentative), SINPO 33333, utility QRM. It was broadcasting in the mix of Spanish and a local language, with gradually worsening signal. I did not manage to get the ID, yet it should have been R. Cultura Amauta from Huanta, Peru.

Other stations were audible on

4715, 0024 in Spanish, SINPO 25322;
4775, 0039, SINPO 32333. In Spanish, mention of Sevilla;
4780, 0220;

4790, 0221, SINPO 25433, religious programme in Spanish;
4805,

4815, Brazilian;

4825, 0222 SINPO 25322, music;

4840, 0223 religious programme in English;

4845, 0223 Brazilian and one more station mixing;

4865, (Brazilian, religious);

4875, 0224;

4880, 0224;

4885, 0224 (music);

4895, 0225 Brazilian, SINPO 35433;

4925,

4930, 0225 in English! SINPO 33333.

4975,

4985, 0227, SINPO 35433;

5015, Brazilian religious, SINPO 34333;

5025, (0053 UTC, SINPO 34333) with what seemed to be a religious programme (R. Quillabamba, Peru ??), 4975

LIMA

AM stations received on 6 November (UT):

600 0310 UNID, SINPO 45444, with national anthem, ending its program at 2112.

620 0313 R. Ovación, SINPO 45444.

640 0314 Pacífico R., SINPO 45444. Religious.

660 0316 R. Inolvidable, SINPO 45544.

730 0316 RPP (Programas del Peru), SINPO 45444.

760 0318 Radiomar Plus, SINPO 45444.

780 0319 UNID religious station, SINPO 34444.

820 0320 UNID religious station, SINPO 25333.

830 0320 Nuevo ...??. SINPO 35333. Religious.

850 0322 UNID station with mention of Chiclayo, SINPO 45544.

880 0323 R. Unión, SINPO 55444. Also announced 103.3 FM.

900 0323 R. Felicidad AM, SINPO 45444.

990 0309 R. Dios Es Amor, SINPO 45444, in Portuguese.//1250

1010 0325 R. Cielo, SINPO 35444.

1040 0322 Metropolitana R. Peruana.

1060 0340 UNID folk music station, SINPO 5555. Not present at 2155 recheck!

1080 0341 R. La Luz, SINPO 45444. Religious.

1110 0341 UNID religious station in a local language, SINPO 45544.

1130 0342 R. Bacán Sat 1130, SINPO 55555. Folk music. Radiobacan.com

1300 0348 R. Esperanza(?), SINPO 25333. Religious.

I know my logs are far from perfect or full – yet I only had 9 days in Peru and had very limited time for listening. Still, I hope you will find some interesting info there. Best wishes (Robertas Pogorelis, Nov 18, WORLD OF RADIO 1644, DX LISTENING DIGEST) (FM listings were removed from original DXLD report in order to save space. bp)

EUROPE, AFRICA, AND MIDDLE EAST

CROATIA. Glas Hrvatske (Voice of Croatia) on 1134 kHz (Zadar-Rasinovac 600 kW) for B-12: 1650-2345 in Croatian except for:

1700-1705 Sat/Sun English,

1700-1715 Mon-Fri English,

1830-1840 Mon-Sat Hungarian (Hangja Horvátország),

1900-1905 German,

1905-1910 Mon-Sat English,

2315-2330 English,

2300-2345 Spanish

(Medium Wave Report, edited by Tony Rogers, Dec BDXC-UK Communication via DXLD)

GERMANY: As it turned out, the "Voice of Russia" on January 1 there will be only one frequency in Germany - 693 kHz Oranienburg (Zehlendorf). Broadcasting of the 630 Scheppau (Braunschweig),

1323 Wachenbrunn (Themar Hildburghausen), 1431 kHz Wilsdruff (Dresden) will end on 31 December 2012. P.S. By the German service of G will now only a few DRM broadcasts on SW +analog in MW. (693)... Could one of the analog to SW leave...

<http://german.ruvr.ru/radio_broadcast/4007478/98682087.html><http://www.dxaktuell.de/?p=2889>K ai Ludwig, dxld yg ((Alexander Dyadichev-UKR, open_dx RUSdx Dec 23, via WWDXC)

IRAN [and non]. With the powerful Radio Farda transmitter on 1575 (Dhabbaya, UAE, 800 kW), Iran appears to have countered it with an equally powerful relay of IRIB-1 Radio Iran on same frequency; IRIB 3-note chimes can be heard on the half hour at certain times ruing the evening confirming this. In addition to the usual bubble jamming heard here (Medium Wave Report, edited by Tony Rogers, Dec BDXC-UK Communication via DXLD)

LESOTHO. With Family Radio discontinuing their relay on 1197 kHz in November, it has been confirmed that LM Radio had already stopped their broadcast over the same transmitter a few months earlier. They had used it during the daytime between 0500-1500, but Mauno Ritola had a reply back from LM Radio saying that they could only run the transmitter up to 25 kW and so the MW project ended in June 2012 (Medium Wave Report, edited by Tony Rogers, Dec BDXC-UK Communication via DXLD) LM Radio = alluding to Lourenço Marques, now Maputo, Mozambique (gh DXLD)

The NRC AM Antenna Pattern Book

The Pattern Book now includes daytime and "Graveyard" frequency patterns for the first time. For those stations which operate with 50 kW (and higher in Mexico) non-directional (designated U1 in the AM Log), the day 'pattern' is shown to approximately the predicted 0.5 m V 1M coverage limits, while the night pattern is illustrated approximately 1.5 times larger. Stations in Alaska and Hawaii are listed on separate pages at the end of the book. The basic list of U.S. and Canadian stations comes from the 26th Edition of the National Radio Club's AM Radio Log. Mexican stations in the states bordering the United States plus those stations elsewhere which are easily heard in the U.S. and Canada are also included. All data is up-to-date as of November 1, 2005.

Prices: \$16.95 to USA/Canada IRCA/NRC members, \$22.95 USA non-members, \$25.95, Canada non-members/all overseas orders. Order from: NRC Publications – PO Box 473251 – Aurora CO 80047-3251 (CO residents, please add 3.5% sales tax). Please state your IRCA membership affiliation when you order.

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This is a double CD in mp3 format of original off air recordings of Laser 558, the famous offshore radio pirate, made between 1984 & 1986. Included in the 35+ hours is a 90 minute test transmission from the Communicator on 729 kHz in February 1984. There are 3 hours from Laser 558's official opening day on 24th May 1984, 1 hour from Steve Masters and 2 hours from Jessie Brandon.

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As you may know (and I can say this from experience-EIC), a Hamfest is a great place to find good deals on new and used receivers, wires and cables for antenna projects, and other hobby-related needs. The American Radio Relay League has a Web page to help you find a Hamfest near your home QTH or while you're traveling to other parts of the country. You can search by Zip Code, select from Hamfests within 25, 50, 100 and 250 miles of your home QTH, as well as city and state. (Searching by ARRL division and section is only for the Ham-savvy, hi.) To find a Hamfest in near your home QTH, visit <http://www.arrl.org/hamfests-and-conventions-calendar> and plug in your location or Zip Code. You'll be able to find upcoming Hamfests in your local area.

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The IRCA's Facebook page is now online! This is a new feature of IRCA, featuring photos of transmitter sites (many of which provided by our Chairman, John C. Johnson), members' shacks (your Editor-in-Chief included) and plenty of information. If you have a Facebook page, enter "International Radio Club of America" into your Facebook search engine, then click the "Like" icon. Many thanks to Mike Sanburn (KG6LJU) and John C. Johnson for setting this page up.

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