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FROM THE EDITOR-IN-CHIEF

Time flies when you're having fun; it's hard to believe this is the final DXM of 2012! We have a lot to look forward to in 2013, including the Learning and Sharing Convention coming up in August. Have you thought of doing something new for IRCA? If you are, let Lee Freshwater know. The list of what still needs to be filled in IRCA is listed below. Remember, YOU, the members, are the Heartbeat of IRCA.

IRCA Goodie Factory/Bookstore Closure

The IRCA Goodie Factory (ie Bookstore) is now closed until January of 2013. Phil is recovering from surgery, and will be unable to process orders for several weeks. Get well quick!

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.

WESTERN DX ROUNDUP

Nancy Johnson – 265 Waterton Way – Billings MT 59102-7755

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WDXR DEADLINES: Dec. 30, Jan. 4, Jan. 18, Jan. 25, Feb. 1. Please use Eastern Time.

REPORTERS FOR THIS ISSUE:

- (AB) **Art Blair**-730 SW 3rd St.-Fruitland, ID 83619 artblair1937@gmail.com
NRD-515, Kiwa loop
- (BB) **Bill Block**-Prescott Valley, AZ 86314 billwblock@msn.com
Drake R8
- (GS) **Garry Stoklas**-P.O. Box 117-Imperial, CA 92252-0117 jergar@sbcglobal.net
Kenwood R-1000 and 4' box loop

- 550 KUZZ CA, Bakersfield 12/19 2230-2235 spot for some kind of concrete work followed by woman's voice "KUZZ Bakersfield" and music. Lots of QRM and unID English presumable KFYI-Phoenix which usually dominates. (GS-CA)
- 580 WIBW KS, Topeka 12/19 2259 with "WIBW Topeka." (BB-AZ)
- 630 KPLY NV, Reno 12/13 2124-2159 listened to Thursday Night Football hoping for an ID, finally at 2158 "Now let's pause 10 seconds for station identification. This is ... Global Radio Network, your home for Thursday Night Football, KPLY Reno Fox Sports Radio 630 AM...sports talk and NFL football," followed by a spot for Barbasol. Moderate QRM with KHOW Denver nulled. (GS-CA)
- 870 KJMP CO, Pierce 12/14 2326-2339 Elvis song followed immediately by song "Hey Everybody." After the song heard jingle "If you're feeling down, come on and get happy with K-jump, KJMP" then another song. Very good signal with minimal to moderate QRM and several unIDs. (GS-CA)
- 940 KIXZ TX, Amarillo 12/15 1854 ad block, "KIXZ" at 1856, QRM from KICE. (AB-ID)
- 1020 KDYK WA, Union Gap 12/18 2215 Mexitunes, "Juan" slogan at 2220 then gone. (AB-ID)
- 1190 KVSU KS, Beloit 12/21 0807 with "In Northwest Kansas it's 7:07" then into Kansas news. (BB-AZ)
- KFXR TX, Dallas 12/21 0820 with traffic report for Dallas and "KFXR Traffic." (BB-AZ)
- CFSL SK, Weyburn 12/21 0839 with "All of your country favorites AM 1190" then weather report at 0854. (BB-AZ)
- 1240 KEZY CA, San Bernardino 12/16 0859 "KEZY" in English then back to Spanish. (BB-AZ)
- 1260 KBSZ AZ, Apache Junction 12/14 1959 with the last part of the ID "???" KBSZ Apache Junction," not heard very often at night. (BB-AZ)
- 1300 KACI OR, The Dalles 12/19 1105 "1300 KACI" ID. (AB-ID)
- 1340 KCLU CA, Santa Barbara 12/18 2119-2136 Mexicali local XEAA nulled, heard woman giving traffic info for Hwy 101 in Ventura & Camarillo, then weather sponsored by Montecito Bank & Trust. This was followed by clear ID "Here on KCLU." Signal was good at beginning but faded out after call was given. (GS-CA)
- 1450 KZNU UT, Saint George 12/15 0900 with "KZNU Saint George" way under KNOT. (BB-AZ)
- 1530 KCMN CO, Colorado Springs 12/14 1928 with "I-25 Oldies Radio." (BB-AZ)
- 1570 KDIO CO, Loveland 12/19 1927 religious talk with EWTN mention, QRM from unID Spanish language station. (AB-ID)
- 1600 KVRI WA, Blaine 12/18 1155 vocal music, "Radio India" slogan just after 1200, weak under KOPB. (AB-ID)

Happy Holidays! Nancy 12/21 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 II.
- [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

- 580 WCHS WV, Charleston. 12-13 good over WIBW, WILL, slight ACI from KFNS-590. 17:08 with weather forecast, "WCHS" jingle into talk program. [EB-MO]
- 720 KSAH TX, Universal City. 12-20 fair through WGN. 03:48 with "ESPN Deportes" mention, sports talk in Spanish. [EB-MO]
- 760 WURL AL, Moody. 12-13 fair to poor mixing with KMTL, WJR. 17:33 with Southern Gospel music. 17:46 sign off. AL #70 from this location. [EB-MO]
- 780 WWOL NC, Forest City. 12-13 fair over WBBM, ACI from WEW 770. 17:12 with Southern Gospel music. 17:14 sign off. [EB-MO]

910 WAKO IL, Lawrenceville. 12-15 good with ACI from WGNU 920. 17:32 with weather forecast, "Super Hits WAKO" ID into Oldies format. [EB-MO]

930 WWON TN, Waynesboro. 12-18 fair to poor over WTAD in WKY null. 03:59 with "WWON Waynesboro. Oldies 9-30" ID, "True Oldies Channel" mention. Oldies. [EB-MO]

950 WHYL PA, Carlisle. 12-17 fair to poor. 04:31 with "Greatest hits music made the best" into oldies music. Faded. [POB-IN]

1060 KIJN TX, Farwell (on the NM border). 12-17. 09:35 with Gospel in Spanish. "En el nombre de Jesus" and "Noticiero Semanal desde Jerusalem." [GH-OK]

1160 KCTO MO, Cleveland. 12-15 fair to poor signal, mixing with WCRT in WYLL null. 18:01 with promo for a live remote from a Kansas City night life location into Adult Contemporary music in Spanish. [EB-MO]

WJFJ NC, Tryon. 12-15 fair to poor in WYLL null. 16:58 with calls, Southern Gospel music, legal ID into IRN/USA News. [EB-MO]

1170 WDEK SC, Lexington. 12-16 poor. 01:20 with Blues music, ID, female announcer mentioning "The Deck" into Blues. [POB-IN]

1350 KMAN KS, Manhattan. 12-19 briefly ontop. 10:02 with CBS News. Station opted for the optional cut away at 10:03 for local news. [GH-OK]

1360 WMOB AL, Mobile. 12-18 fair to poor mixing with WIXI, KSCJ, WTAQ. 16:54 with Christmas music, "AM 13-60 WMOB" ID. [EB-MO]

1400 KVFD IA, Fort Dodge. 12-12 good to poor over several others. 21:43 with spot mentioning downtown Fort Dodge. [EB-MO]

WRDB WI, Reedsburg. 12-12 fair to poor through several others. 20:57 with "AM 14-hundred WRDB" ID into Christmas music. [EB-MO]

1490 KRIB IA, Mason City. 12-13 fair to poor mixing with KDMO, KTTR, WQQX and others. 01:56 with "14-90 KRIB" ID and Christmas music. [EB-MO]

25 YEARS AGO

December 26, 1987 issue of IRCA's "DX Monitor" ... **Tom Laskowski** of West Lafayette, IN purchased a GE Superadio II and was pleased with the way it cuts through noise at his Purdue University dorm room ... **Rick Evans** of Wisconsin Rapids, WI logged WHFB 1060 Michigan for state #14 ... **Randy Tomer** of Eureka, CA told about a new radio store, Classic Radio, opening in Eureka.

OPEN MIKE

Merry Christmas and Happy New Year from John and Nancy. This column was typed 12-22-12. 73, John

EASTERN DX ROUNDUP

Lee J Freshwater – 414 SE 3rd St – Ocala FL 34471
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Deadlines: Saturdays 7 AM!!

STARS OF THE WEEK

(KK-VA)	Kraig Krist	Manassas, VA Winradio G33DDC SDR rx with Eavesdropper 43 foot multiband antenna running E to W.
(WM-MD)	William McGuire	Cheverly, MD

LOGGINGS

560	ON	CFOS	Owen Sound 12/8 2200 "Remember When" pgm; ID	(WM-MD)
850	FL	WPLT	West Palm Beach 12/6 2000 Local ad; ID; NEW.	(WM-MD)
950	PA	WPEN	Philadelphia 12/11 1755-1800 Local ads; ID	(WM-MD)
1060	OH	WILB	Canton 12/8 0626-0805 Mixing with KYW, other talk and singing. 0719 Religious talk and praying. 0800 "Saturday mornings at 11 AM on listener supported AM 10-60 WILB" into "Catholic Answers Live"	(KK-VA)
1070	PA	WKOK	Sunbury 12/8 0626-0805 Mixing with WFNI, WNCT and CHOK. 0737 "We want to celebrate the holidays with you... news radio 10-70 WKOK..."	(KK-VA)
	NC	WNCT	Greenville 12/8 0626-0805 Mixing with WFNI, WKOK and CHOK. 0720 "Beach, boogie and blues 10-70 WNCT."	(KK-VA)
	IN	WFNI	Indianapolis 12/8 0626-0805 Mixing with WNCT, WKOK and CHOK. Typical ESPN radio programming. 0700 "WFNI WIBC HD-2 Indianapolis 10-70 'The Fan'"	(KK-VA)
	ON	CHOK	Sarina 12/80626-0805 Mixing with WNCT, WKOK and WFNI. CHOK with "The Swap Shop"...	(KK-VA)
1080	PA	WWNL	Pittsburgh 12/8 0626-0805 Mixing with WTIC and oldies. 0800 "WWNL Pittsburgh. Radio that changes the way you live"	(KK-VA)
1090	OH	WKFI	Wilmington 12/8 0626-0805 Mixing with WTSB, WBAL and oldies. 0639 ET "The place... we are classic country radio WFKI.". 0702 "Classic country radio AM 10-90 WKFI Wilmington"	(KK-VA)
	NC	WTSB	Selma 12/8 0626-0805 Mixing with WKFI, WBAL and oldies. 0716 "We want to wish all the listeners of WTSB AM 10-90 a very Merry Christmas and a happy and healthy New Year" into ad for local jeweler in "Downtown Selma"	(KK-VA)
1110	AL	WBIB	Centerville 12/8 0626-0805 Mixing with WBT, c&w and Spanish. WBIB with preaching. 0758 ET OM "AM 11-10 WBIB."	(KK-VA)

1140	VA	WXLZ	Saint Paul 12/8 0626-0805 Mixing with WRVA, other talk and singing. WXLZ with C&W songs. 0730 jingle "Frederick Carry WXLZ". At least it sounded like "Frederick Carry"
1150	ON	CKOC	Hamilton 12/8 0626-0805 Mixing with WCRK, WAVO, WIMA and WMRD. 0712 "Music for muscle cars... station celebrating 90 years. Canada's oldest radio station. Oldies 11-50 CKOC." (KK-VA)
	TN	WCRK	Morristown 12/8 0626-0805 Mixing with CKOC, WAVO, WIMA and WMRD. 0719 "The songs you know and love thru the years are right here on your hometown holiday favorites. Merry Christmas from Morristown's new 105 point 7 WCRK FM." (KK-VA)
1160	NJ	WOBM	Lakewood 12/8 0626-0805 Mixing with WYLL, WABY, WMET and Gospel singing. 0626 "WOBM AM 11-50 and 13-10." (KK-VA)
	NY	WABY	Mechanicville 12/8 0626-0805 Mixing with WYLL, WOBBM, WMET and Gospel singing. 0712 "The music you love and remember... right here AM 11-60 WABY." (KK-VA)
1210	PA	WANB	Waynesburg 12/8 0626-0805 Mixing with WPHT, WJNL and other talk. 0731 "WANB cool country." (KK-VA)
	MI	WJNL	Kingsley 12/8 0626-0805 Mixing with WPHT, WANB and other talk. 0800 "Northern Michigan's news talk giant 12-10 WJNL..." into CBS news. (KK-VA)
1240	PA	WIOV	Reading 12/8 0626-0805 Mixing with singing, C&W songs and talk. 0700 "ESPN 12-40 WIOV... AM HD Reading" (KK-VA)
1290	OH	WHIO	Dayton 12/11 1900 "News Talk 1290" ID
1480	PA	WDAS	Philadelphia 12/3 1625 ID after song
			UN-IDENT
1110	??	????	12/05 1650-1655 Spanish music heard in WBT null (WM-MD)

.....
 Glad to hear that Phil is doing well!!! Best to all this Holiday Season fresh 12-22 0900

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – PO Box 843 – Seaside OR 97138
E-mail: mwdxer@webtv.net all times UTC

Deadlines are Sundays at noon PLT.

PAN-AMERICAN DX

720 **MEXICO** XEJCC, Cd Juarez, Chih 12/14 at 1328 UTC, a couple of federal PSAs, about safety and the laudable Cámara de Diputados, 1329 "Regresamos: 7-20 Extremo" a bit of "Mona Lisa" tune as theme? Then talk about Ixtapaluca (I think, or similar Aztec place). This is XEJCC in Ciudad Juárez, Chihuahua, which WRTH 2013 shows as 1 kW fulltime, while Cantú still lists as 1,000 watts day, 1,0000 [sic] watts night. Anyhow it is dominant on frequency for the moment close to sunrise here (GH-OK)

730 **MEXICO** XEHB Hidalgo del Parral, Chih., Dec 17 at 0631 UT, "La Ke Buena" with full FM & AM IDs on the half-hour, mentions 25 kW, Hidalgo del Parral, Chihuahua, time as 11:31, back to lively music. Not sure if the 25 kW referred to FM 107.1 or AM. But Cantú shows XHEHB on 107.1 with 25 kW; and on AM: 730 XEHB Ke buena + FM 107.1 Hidalgo del Parral, Chih. 50,000 1,000 and with their dominant signal, we strongly suspect a lot more than 1 kW at night. Yet new IRCA Mexican log shows only 1000/300 watts and schedule at 13-01 UT only, from former location San Francisco del Oro. What about WRTH 2013? 50/1 kW, H del P. Cantú shows zero radio stations in SF del Oro now (GH-OK)

1040 **MEXICO** XEHES Chihuahua, Chih, 12/17 at 0602 UT, "Chihuahua, Chihuahua" mentioned in WHO null, so safe to assume it's the usual per Cantú: 1040 XEHES Romántica + FM 94.1 Chihuahua, Chih. 5,000 250 The new IRCA Mexican Log 2012 has arrived, so I will be comparing Cantú and WRTH info with it. For XEHES, IRCA shows: 5000 250 Radiorama Siglo 21, 24h irreg, ROM format, CIMA net, // 94.1 FM (GH-OK)

unIDs

UNIDENTIFIED Domestic MW reception was below normal today, and was not getting much from Korea on 2850, but around sunrise at 1332-1337 UT Dec 14, tried some trans-Pacific MW frequencies anyway, and to my surprise there were several carriers as I then stepped thru the entire band: 594, 693, 747, 774, 1566, 1575 (GH-OK)

THANKS TO THIS REPORTER

GH-OK **GLENN HAUSER**, Enid, OK
 DXing with DX398 w/internal antenna or Sony SRF59



DX WORLDWIDE – EAST

Vincent Ferme

E-mail: dxista@yahoo.ca

all times UTC

*** TRANSATLANTIC LOGS ***

- 189 **ICELAND** Ríkisutvarpid, Gufuskalar, NOV 30 0259 - reggae music; to good peak, best longwave TA. [Connelly*Y-MA]
531 **ALGERIA** - Jil FM, F'kirina Wilaya d'Oum El Bouaghi, DEC 4 2130 - // 549 with "Jil FM" ID by woman; good. [Connelly*Y-MA]
531 **SPAIN** - R. Nacional, various 21:12 UTC Dec 14 man in Spanish talk, ID. [AW-BH]
549 **ALGERIA** - Jil FM, Les Trembles 22:31 UTC Dec 12 Arabic talk, vocal by woman, ID // 531. [AW-BH]
549 **ALGERIA** - Jil FM, Les Trembles, DEC 4 2130 - // 531 with "Jil FM" ID by woman; fair. [Connelly*Y-MA]
576 **CANARY ISLANDS** // SPAIN RNE R.5 synchros, NOV 30 2230 - Spanish news by man; to fair peak. [Connelly*Y-MA]
612 **MOROCCO** - RTM Sebaa-Aioun 00:47 UTC Dec 13 Arabic talk by man. [AW-BH]
630 **TUNISIA** - RTT Tunis 23:37 UTC Dec 13 Arabic talk by man. [AW-BH]
639 **SPAIN** RNE R.1, La Coruna et al., NOV 30 2230 - man in Spanish; over second station (Czech?): fair. [Connelly*Y-MA]
675 **NETHERLANDS** - R. Maria, Lopik 18:41 UTC Dec 14 Inspirational songs in English, Dutch talk (good). [AW-BH]
684 **SPAIN** - R. Nacional, Sevilla 22:55 UTC Dec 12 two women in Spanish (good). [AW-BH]
684 **SPAIN** RNE R.1, Sevilla, DEC 4 2130 - man in Spanish; through WRKO slop. [Connelly*Y-MA]
693 **ENGLAND** - BBC 5 Live, various 18:44 UTC Dec 12 Traffic, ID, Football promo. [AW-BH]
693 **UNITED KINGDOM** BBC R. 5, Droitwich et al., DEC 4 2131 - sportstalk; fair. [Connelly*Y-MA]
720 **PORTUGAL** - Antena 1, various 23:38 UTC Dec 13 Portuguese talk & music // 666. [AW-BH]
738 **SPAIN** RNE R.1, Barcelona, NOV 30 2231 - man in Spanish; to fair peak. [Connelly*Y-MA]
756 **GERMANY** - Deutschlandfunk, various 22:33 UTC Dec 12 news in German by man. [AW-BH]
774 **EGYPT** - Middle East Radio, Abis 22:35 UTC Dec 12 Arabic music & talk. [AW-BH]
774 **SPAIN** - R. Nacional, various 18:28 UTC Dec 14 two men in Spanish. [AW-BH]
774 **SPAIN** RNE R.1 synchros, NOV 29 2200 - Spanish news; to fair peak. [Connelly*Y-MA]
783 **GERMANY** - MDR Info, Leipzig 20:02 UTC Dec 12 news in German by woman. [AW-BH]
792 **SPAIN** - SER, Sevilla 21:15 UTC Dec 14 Spanish commentary. [AW-BH]
810 **SCOTLAND** - BBC Scotland, various 18:03 UTC Dec 13 News in English. [AW-BH]
819 **SPAIN** - R. Euskadi, San Sebastian 19:11 UTC Dec 13 man in Spanish. [AW-BH]
837 **CANARY ISLANDS** // SPAIN COPE synchros, DEC 4 2129 - Spanish sporting event coverage. [Connelly*Y-MA]
837 **SPAIN** - COPE various 19:32 UTC Dec 14 woman & man in Spanish (good). [AW-BH]
846 **RUSSIA** - R. Radonezh, Electrostal 17:05 UTC Dec 13 Russian talk, ID. [AW-BH]
855 **SPAIN** - SER various 19:33 UTC Dec 13 news in Spanish. [AW-BH]
855 **SPAIN** RNE R.1 synchros, DEC 4 2130 - fast Spanish talk by man; good. [Connelly*Y-MA]
864 **EGYPT** - Holy Quran Programme, Santah 20:25 UTC Dec 14 Chants. [AW-BH]
864 **FRANCE** - France Bleu, Villebon-sur-Yvette 22:32 UTC Dec 14 music, French talk, Jingle ID. [AW-BH]
864 **FRANCE** - France Bleu, Villebon-sur-Yvette, DEC 4 2130 - woman in French. [Connelly*Y-MA]
873 **RUSSIA** - Radio Rossii, various 17:13 UTC Dec 13 woman in Russian, ID. [AW-BH]
873 **SPAIN** - SER various 21:07 UTC Dec 14 man in Spanish talk. [AW-BH]
882 **ENGLAND** - BBC Wales, various 18:04 UTC Dec 12 news in English. [AW-BH]
890.95 **ALGERIA** - Chaîne 1, Algiers, DEC 4 2130 - strong carrier, not much audio. [Connelly*Y-MA]
900 **SPAIN** - COPE various 19:12 UTC Dec 14 political talk in Spanish, ID. [AW-BH]
909 **ENGLAND** - BBC 5 Live, various 22:37 UTC Dec 12 news in English (good). [AW-BH]
909 **UNITED KINGDOM** BBC R.5 synchros, DEC 4 2131 - mention of Arsenal team coverage "live on Five Live". [Connelly*Y-MA]
918 **SLOVENIA** - R. Slovenija 1, Ljubljana 21:33 UTC Dec 14 Slovenian tk (mixing with Spain). [AW-BH]
918 **SPAIN** - R. Intercontinental, Madrid 21:32 UTC Dec 14 man in Spanish. [AW-BH]
918 **SPAIN** - R. Intercontinental, Madrid, NOV 30 2230 - man in Spanish; poor to fair. [Connelly*Y-MA]
936 **UKRAINE** - Ukranskie Radio, Lviv 18:40 UTC Dec 12 man in Ukrainian. [AW-BH]
945 **FRANCE** - France Info, Toulouse-Muret 19:11 UTC Dec 14 woman in French. [AW-BH]
954 **CZECH REPUBLIC** - Cesky Rozhlas, various 18:47 UTC Dec 12 man in Czech (strong). [AW-BH]
954 **SPAIN** - Onda Cero Radio, Madrid 00:17 UTC Dec 14 Spanish talk, ID. [AW-BH]

- 963 **FINLAND** - China Radio Relay, Pori 19:09 UTC Dec 12 programming in Russian, ID. [AW-BH]
963 **SPAIN** - R. Euskadi, Biribilondo 19:09 UTC Dec 14 woman in Spanish (under Finland). [AW-BH]
972 **GERMANY** - NDR Info, Hamburg 20:05 UTC Dec 12 man in German talk. [AW-BH]
981 **ALGERIA** - Alger Chaîne 2, Ouled Fayet 22:37 UTC Dec 12 Arabic music & talk. [AW-BH]
990 **SPAIN** - SER various 19:09 UTC Dec 14 woman & man in Spanish. [AW-BH]
999 **MOLDOVA** - Voice of Russia, Maiaç 18:15 UTC Dec 12 World Service in Russian. [AW-BH]
999 **SAUDI ARABIA** - BSKSA Tabruk 18:43 UTC Dec 14 Quran program (mixing with Moldova). [AW-BH]
999 **SAUDI ARABIA** - BSKSA R.Quran, Tabuk, NOV 30 2230 - Koranic chant; loud. [Connelly*Y-MA]
999 **SPAIN** - COPE synchros, NOV 30 2231 - man in Spanish; way under Saudi Arabia. [Connelly*Y-MA]
999 **SPAIN** - COPE Madrid 19:34 UTC Dec 14 news in Spanish (mixing with Moldova). [AW-BH]
1008 **NETHERLANDS** - GrootNieuws Radio, Zeewolde 17:00 UTC Dec 12 Religious music & Dutch talk (good). [AW-BH]
1008 **CANARY ISLANDS** - Punto Radio, Las Palmas 19:34 UTC Dec 14 Spanish talk & music, ID. [AW-BH]
1008 **CANARY ISLANDS** - Punto Radio, Las Palmas, NOV 30 2229 - Punto ID in Spanish talk by man; to good peak. [Connelly*Y-MA]
1017 **SPAIN** - R. Nacional, various 18:30 UTC Dec 14 news in Spanish by woman. [AW-BH]
1026 **SPAIN** - SER various 19:07 UTC Dec 14 Spanish talk by woman. [AW-BH]
1035 **ESTONIA** - R. Eli, Tartu 18:20 UTC Dec 13 man in Estonian. [AW-BH]
1035 **PORTUGAL** - Star FM, Belmonte 00:19 UTC Dec 14 Simon & Garfunkel & Elvis songs, ID. [AW-BH]
1044 **SPAIN** - SER various 18:50 UTC Dec 12 two men in Spanish (very strong). [AW-BH]
1053 **ENGLAND** - Talksport Radio, various 21:35 UTC Dec 14 European League Football talk, ID. [AW-BH]
1053 **ROMANIA** - R. Iasi, Iasi 18:48 UTC Dec 12 man & woman in Romanian, ID (very strong). [AW-BH]
1053 **UNITED KINGDOM** - TalkSport synchros, DEC 4 2131 - // 1089 with play-by-play coverage excerpt; over Libya 1053.1 growl. [Connelly*Y-MA]
1062 **ITALY** - RAI1 various 18:16 UTC Dec 12 man & woman in Italian. [AW-BH]
1071 **INDIA** - AIR Rajkot 18:17 UTC Dec 12 Urdu talk & music. [AW-BH]
1080 **SPAIN** - SER various 19:35 UTC Dec 14 Spanish talk by two men. [AW-BH]
1089 **ALGERIA** - Alger Chaîne 1, Adrar 21:35 UTC Dec 14 Chants & music (under Talksport). [AW-BH]
1089 **ENGLAND** - Talksport Radio, various 17:50 UTC Dec 13 Tune In Promo, ID, Football talk (Very Strong). [AW-BH]
1089 **UNITED KINGDOM** - TalkSport synchros, DEC 4 2131 - // 1053 with excerpt of play-by-play coverage. [Connelly*Y-MA]
1098 **SPAIN** - Radio Nacional various 18:22 UTC Dec 13 Spanish talk & music // 1125. [AW-BH]
1098 **SPAIN** RNE R.5 synchros, DEC 4 2130 - // 1107 with fast Spanish talk by man; fair. [Connelly*Y-MA]
1107 **SPAIN** - R. Nacional, various 18:35 UTC Dec 14 woman in Spanish, ID. [AW-BH]
1107 **SPAIN** RNE R.5 synchros, DEC 4 2130 - // 1098 with fast Spanish talk by man; to fair peak. [Connelly*Y-MA]
1116 **SPAIN** - SER various 1:43 UTC Dec 13 Spanish talk by man. [AW-BH]
1134 **CROATIA** - Glas Hrvatske, Rasinovac 18:08 UTC Dec 12 ID, Croatian talk (good). [AW-BH]
1143 **KALININGRAD** - Voice of Russia Relay, Bolshakovo 19:09 UTC Dec 12 World Service in Russian. [AW-BH]
1143 **SPAIN** - COPE various 19:35 UTC Dec 14 woman in Spanish. [AW-BH]
1152 **SCOTLAND** - Clyde 2 Dechmont Hill 17:41 UTC Dec 13 Beatles song, ID. [AW-BH]
1152 **ROMANIA** - Romania Actualitati, various 21:04 UTC Dec 13 Romanian music & talk // 1179. [AW-BH]
1161 **SCOTLAND** - Tay AM Greenside Scalp, 18:50 UTC Dec 12 ID Captain & Tennille song. [AW-BH]
1170 **SLOVENIA** - R. Capodistria, Beli Kriz 18:38 UTC Dec 12 Italian talk, ID. [AW-BH]
1179 **ROMANIA** - Romania Actualitati, various 18:37 UTC Dec 12 two men in Romanian // 1152 (very strong). [AW-BH]
1188 **HUNGARY** - MR4 various 18:57 UTC Dec 12 Hungarian talk, music (good). [AW-BH]
1188 **IRAN** - R. Payam, Tehran 21:06 UTC Dec 13 Farsi talk (good). [AW-BH]
1197 **ENGLAND** - Absolute Radio, various 17:57 UTC Dec 12 ID, Sky Movies on Demand Ad. [AW-BH]
1197 **SPAIN** - Euskadi Irratia, Vitoria 18:37 UTC Dec 14 woman in Basque talk. [AW-BH]
1215 **ENGLAND** - Absolute Radio, various 18:41 UTC Dec 13 Esso Ad, ID, Halfords Ad for Batteries. [AW-BH]

1242 **FRANCE** - France Info, Marseille Cabries-Realtor 18:03 UTC Dec 12 news in French, ID. [AW-BH]
 1269 **GERMANY** - Deutschlandfunk, Neumunster 17:05 UTC Dec 12 news in German by man, ID. [AW-BH]
 1287 **SPAIN** - SER various 18:46 UTC Dec 14 man & woman in Spanish. [AW-BH]
 1296 **SPAIN** - COPE Valencia 00:22 UTC Dec 14 Spanish talk & promos (good). [AW-BH]
 1296 **ENGLAND** - Radio XL 1296 AM, Langley Mill 21:58 UTC Dec 14 Hindu language programming. [AW-BH]
 1305 **ENGLAND** - Gold 1305/1359 Christchurch 17:44 UTC Dec 13 Ads, UK web address, Gold ID, Abba song ***NEW ***. [AW-BH]
 1314 **SPAIN** - R. Nacional, various 18:47 UTC Dec 14 woman in Spanish. [AW-BH]
 1323 **GERMANY** - Voice of Russia Relay, Wachenbrunn 17:54 UTC Dec 12 woman in German (Iran audible under). [AW-BH]
 1332 **IRAN** - Tehran Radio, Tehran 17:52 UTC Dec 12 Chants & music. [AW-BH]
 1332 **ENGLAND** - Gold Digital 1332 AM, Gunthorpe 18:58 UTC Dec 13 Gold ID, ads, music. [AW-BH]
 1341 **NORTHERN IRELAND** - BBC R. Ulster, Lisnagarvey 17:42 UTC Dec 12 Evening Extra program, talk (very strong). [AW-BH]
 1368 **ISLE OF MAN** - Manx Radio, Foxdale 17:42 UTC Dec 12 pop music & talk, ID. [AW-BH]
 1377 **FRANCE** - France Info, Lille-Camphin-en-Carembault 17:05 UTC Dec 12 news in French by woman, ID // 1404 (strong). [AW-BH]
 1386 **SPAIN** - Euskadi Irratia, Bilbao 21:06 UTC Dec 13 Basque talk, music program // 1476. [AW-BH]
 1394.85 **ALBANIA** TWR, Flake, DEC 4 2130 - TWR interval signal, then carrier went off. [Connelly*Y-MA]
 1395 **ALBANIA** - Transworld Radio, Flake Relay 21:09 UTC Dec 13 man in Polish (very strong). [AW-BH]
 1404 **FRANCE** - France Info, various 19:38 UTC Dec 14 news in French, ID. [AW-BH]
 1413 **SPAIN** - RNE R.5 synchros, DEC 4 2130 - man & woman in Spanish. [Connelly*Y-MA]
 1413 **SPAIN** - R. Nacional, various 1:48 UTC Dec 13 man in Spanish, ID. [AW-BH]
 1422 **GERMANY** - Deutschlandfunk, Heuweiler 22:38 UTC Dec 12 man in German. [AW-BH]
 1422 **ALGERIA** - R. Culture, Alger 20:17 UTC Dec 14 Arabic talk, music. [AW-BH]
 1431 **GERMANY** - Voice of Russia, Willsdruff 18:20 UTC Dec 12 man in Russian talk (strong). [AW-BH]
 1431 **DJIBOUTI** - R. Sawa, Arta 18:45 UTC Dec 14 Arabic music & talk. [AW-BH]
 1440 **LUXEMBOURG** - China Radio Relay, Marnach 22:38 UTC Dec 12 talk about film maker in English, ID (Strong). [AW-BH]
 1449 **LIBYA** - Voice of Free Libya Meserata, Al-Assah 18:18 UTC Dec 13 man in Arabic (very strong). [AW-BH]
 1457.64 **ALBANIA** (t) Flake, DEC 4 2130 - het, little audio. [Connelly*Y-MA]
 1458 **ALBANIA** - China Radio Relay, Flake 20:20 UTC Dec 14 Hungarian programming. [AW-BH]
 1494 **RUSSIA** - Voice of Russia, St. Petersburg 18:00 UTC Dec 12 ID's, Russian talk (mixing with France Info). [AW-BH]
 1494 **FRANCE** - France Info, various 20:25 UTC Dec 13 20:25 UTC Dec 13 French talk, ID. [AW-BH]
 1512 **IRAN** - IRIB1 Ardabil 20:28 UTC Dec 14 woman in Farsi, music. [AW-BH]
 1521 **SAUDI ARABIA** - BSKSA Duba 21:08 UTC Dec 13 woman in Arabic (very strong). [AW-BH]
 1530 **ENGLAND** - Pulse 2, Huddersfield 21:11 UTC Dec 14 "Greatest Hits of All Time, This Is Party Fever on Pulse 2" ID, Beatles song, Patti Labelle - Lady Marmalade song. [AW-BH]
 1548 **MOLDOVA** - Voice of Russia Relay, Grigoriopol 20:08 UTC Dec 12 woman in Serbian (good). [AW-BH]
 1548 **KUWAIT** - R. Sawa, Kuwait City 18:45 UTC Dec 13 Arabic music & talk, ID. [AW-BH]
 1548 **ENGLAND** - BBC R. Bristol, Mangotsfield 18:33 UTC Dec 14 Weather, time, ID, sports. [AW-BH]
 1557 **FRANCE** - France Info, Nice-Fontbonne 22:40 UTC Dec 12 man in French. [AW-BH]
 1575 **ITALY** - RAI various 19:04 UTC Dec 12 news in Italian. [AW-BH]
 1575 **UNITED ARAB EMIRATES** - R. Farda, Al - Dhabbiya 20:23 UTC Dec 13 Arabic talk, music, ID. [AW-BH]
 1593 **ROMANIA** - Romania Actualitati, various 18:44 UTC Dec 13 two men in Romanian. [AW-BH]
 1602 **SPAIN** - Euskadi Irratia, R. Vitoria 18:27 UTC Dec 14 Spanish talk, ID. [AW-BH]

*** PAN-AMERICAN LOGS ***

570 **CUBA** - R. Reloj, CMDC Santa Clara 00:47 UTC Dec 13 Spanish talk & clock ticks. [AW-BH]
 670 **CUBA** - R. Rebelde, CMQ Arroyo Arenas 00:49 UTC Dec 13 ID talk in Spanish. [AW-BH]
 760 **COLOMBIA** - HJAJ RCN Baranquilla 00:50 UTC Dec 13 fast Spanish talk, ment. Colombia. [AW-BH]
 870 **CUBA** - CMDT R. Reloj Sancti Spiritus 00:52 UTC Dec 13 Spanish talk, clock ticks. [AW-BH]

960 **CUBA** - CMBD - R. Reloj, Guantanamo 2:02 UTC Dec 14 Spanish talk, clock ticks. [AW-BH]
 1160 **BERMUDA** - VSB3 Hamilton 3:27 UTC Dec 13 BBC programming. [AW-BH]
 1180 **CUBA** - R. Rebelde, Habana 9:52 UTC Dec 13 Spanish vocals & talk. [AW-BH]
 1480 **PUERTO RICO** - WMDD Fajardo 00:58 UTC Dec 13 Expressive Spanish by woman. [AW-BH]
 1620 **CUBA** - Radio Rebelde 1:33 UTC Dec 14 Spanish talk (very strong). [AW-BH]

*** CONTRIBUTORS ***

[AW-BH]

Allen Willie, VO1-001-SWL / VOPC1AA, Bristol's Hope, Newfoundland
Receiver: SRF-M37V, M37W barefoot, Kenwood R-5000 & Yaesu FRG-100
Antenna: 320 foot long-wire (R-5000 & FRG-100)
<https://twitter.com/vo1001swl>

[Connelly*Y-MA]

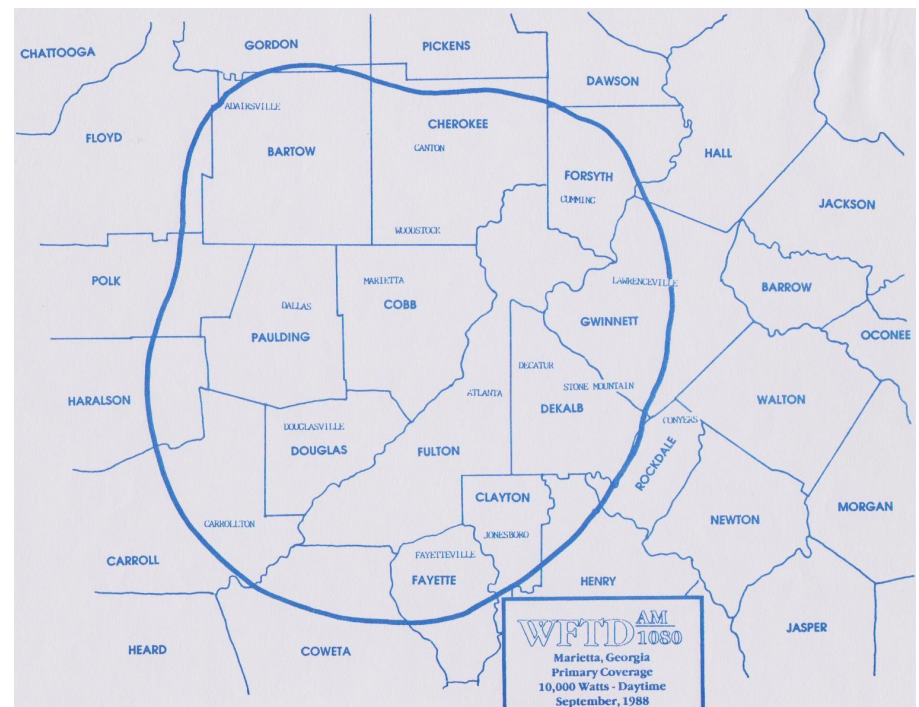
Mark Connelly, South Yarmouth, Cape Cod, MA, USA
 (GC= 41.6931 N / 70.1912 W) (= 41° 41.59' N / 70° 11.47' W)
Receiver: Microtecom Perseus
Antenna: west-null Kaz Delta, 5 m vertical (mid-base to apex) by 20 m horizontal, base height 1 m.

SPECIAL FEATURE

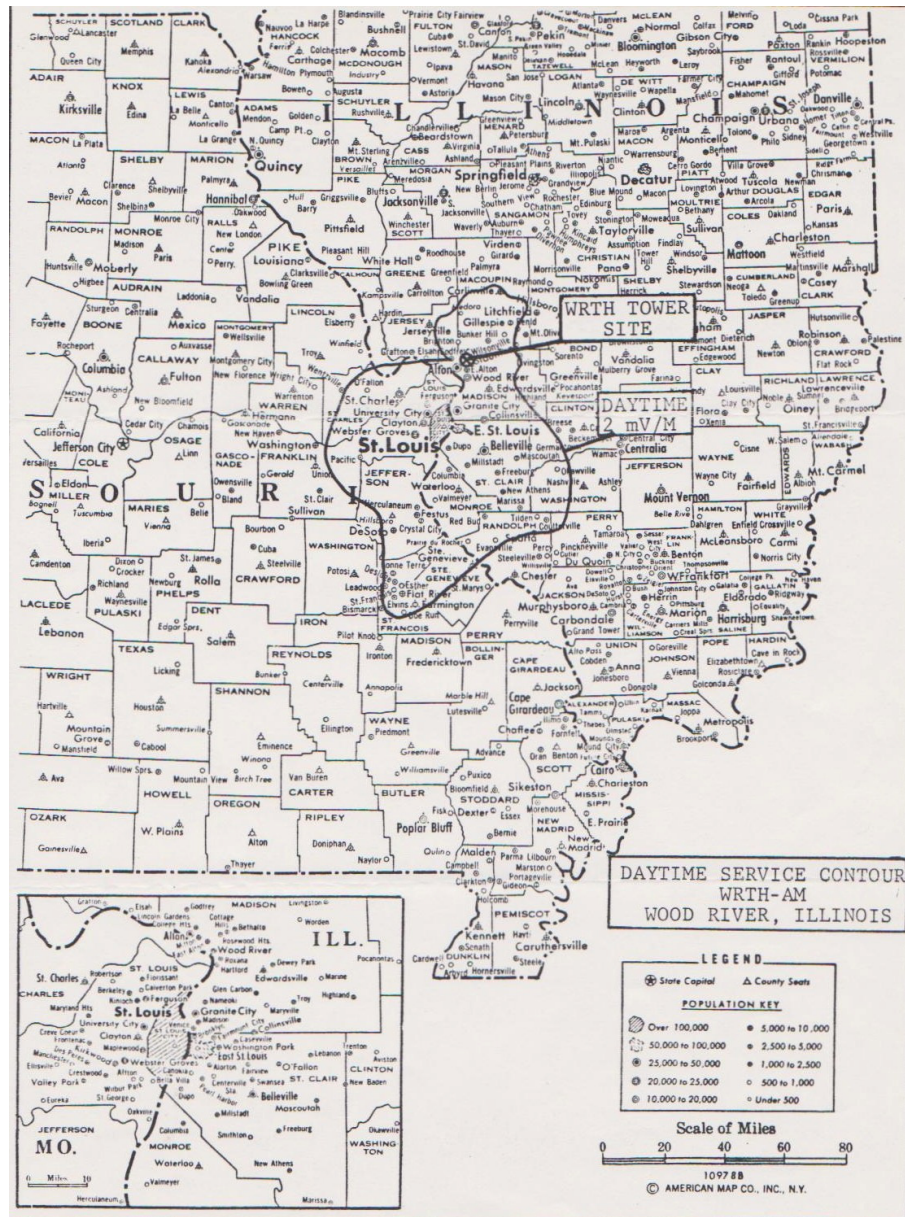
**Coverage Maps from Your Editor-in-Chief's Collection
 By Eric Bueneman (NØUIH)**

I'm sure there are many of us in IRCA that have received a coverage map with the verification card or letter received from a radio station. While some stations' coverage maps are posted on their Web sites or station databases such as Radio Locator, I have been fortunate to accumulate a number of station coverage maps over the 30-plus years I have been in this hobby. I have shared these maps on our Facebook page, and thought I would share them with you in the pages of DX Monitor.

I was fortunate to work at WFTD 1080 Marietta, GA during the late 1980s and early 1990s, when the station was owned by Pneuma, Inc. Pneuma (Greek for "spirit") was a ministry of Roswell Street Baptist Church, which, at the time, was the largest Southern Baptist church in Cobb County, GA and the third largest in Georgia. This 1988 coverage map is for their 10 kW daytime pattern; the station has since increased to 50 kW (still daytime only) under different owners.

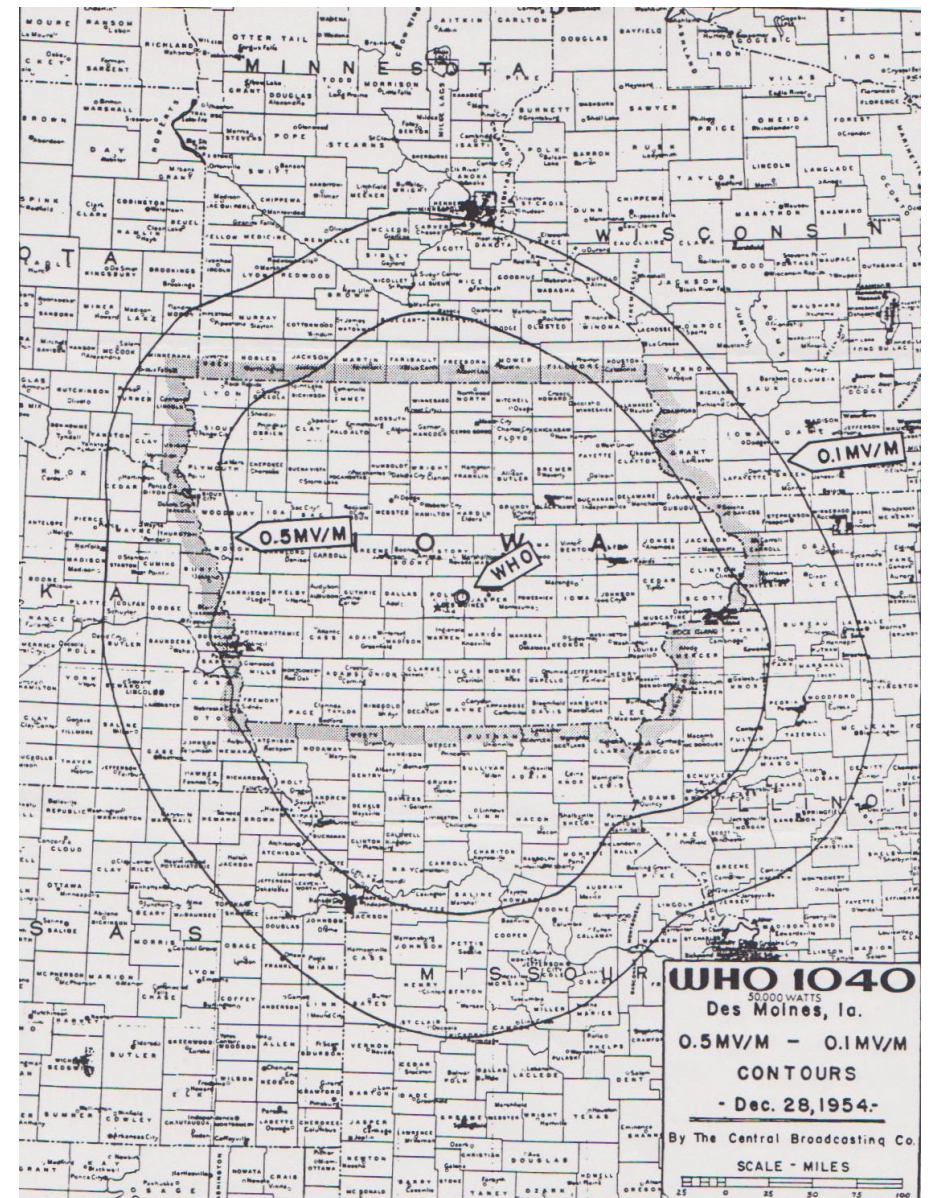


In the fall of 1988, I was living in Woodstock, GA. One night, I was fortunate to catch local WKHX 590 (now WDWD) Atlanta, GA on open carrier, along with FM sister station WKHX-FM 101.5 Marietta, GA. The night I caught WKHX on open carrier, I pulled in WKLL 590 (now KFNS) Wood River, IL. At the time of reception, they were operating 250 watts day and night non-directional on a Special Temporary Authorization after a fire at their transmitter site in Cottage Hills, IL. WKLL was broadcasting a '50s and '60s format as "Kool 590" (the format was developed at KOOL 960 (now KKNT) Phoenix, AZ. At the time, both stations were commonly owned. The calls on the coverage map are the calls they had until 1988. WRTH. The station became WCEO after less than a year with a Business News format, then over to Easy Listening as KEZK, before going to its present Sports format and KFNS calls in 1993.

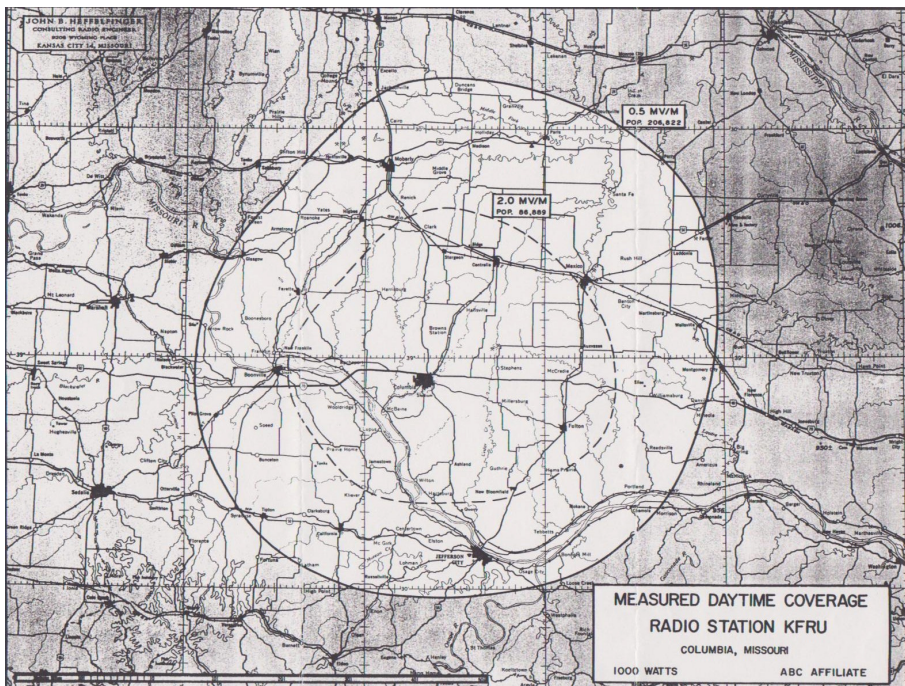


The coverage map collecting continued after I returned to Hazelwood from the Atlanta area in 1992. This daytime coverage map from WHO 1040 Des Moines, IA was made in December of 1954. Note how far the

station's contours extend into Missouri, especially how close the station's contours come to the St. Louis area. WHO has a fair signal during daylight hours at my location, which is closer to St. Charles than St. Louis. Its secondary (0.1 mV/m) signal extends past Jefferson City and Kansas City, includes the Lake of the Ozarks and skirts the southern suburbs of Minneapolis/St. Paul. Its primary (0.5 mV/m) contour covers most of the state of Iowa, as well as most of northern Missouri and south central Minnesota.



This last coverage map was received with a verification letter from KFRU 1400 Columbia, MO. At the time I heard the station in 1994, one of the owners of the station was the noted FM DXer Al Germond. A couple of months earlier, I received a verification letter and coverage map from sister station KPLA 101.5; the AM's licensee was noted as Columbia AM, Inc., while the FM's licensee was Columbia FM, Inc. KFRU is now owned by Cumulus Media, one of this country's largest radio companies. (Map is on the next page.)



Coverage maps are an interesting way to see how far out of the main coverage area your receiving location is. If you've received any coverage maps over the years with your verification cards and letters, feel free to scan them with your personal computer (provided you have a scanner; many of today's printers have photo scanners built in) and share them on IRCA's Facebook page. 73.

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This completely-revised book features the plans for the original NRC 4' FET Altazimuth loop antenna. Completely revamped with digitally enhanced drawings and updated material sources, it also contains other articles on the subject of antennas for medium wave DX'ers, most originally published between 1969 and 1974 in DX News. It includes articles on air-core and ferrite core loops, antenna tuners for longwire antennas, and antenna couplers. This is the original book which has been available for over 20 years. \$8.95 to IRCA/NRC members (\$11.95, non-members). 8 1/2" X 11" bound book format. 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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ARRL Hamfest Calendar

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.

IRCA Facebook Page

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.

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.



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