

DXN News

• Serving DX'ers since 1933 •

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CPC Test Calendar

WSRY MD 1550 Nov. 29 0001-0100

From the Publisher ... We should have more information soon on another test that in the works for a station on 1150 kHz in February. Yes, indeed - plenty of advance notice so everyone can get ready for it! Need I belabor the point that tests just don't "happen"? People just like you get in touch with their local stations, talk to employees, make arrangements. Have someone at your local AM who owes you a favor? How about payback in the form of a test? Contact Saul Chernos when you're ready - his contact info is now on the back page of DXN.

Unfilled positions ... We're in need of volunteers for the following positions: an Internet web guru, to manage and update www.nrcdxas.org; a DXN publisher with fresh ideas, and one or more persons to edit future NRC publications developed by contributors or the club.

Are you expiring?

We hope not! To avoid expiration, mail your remittance to P. O. Box 473251 - Aurora, CO 80047-3251 early. Allow at least three weeks after mailing your check or money order for new renewal data to appear on your mailing label. Really late? Renew via PayPal via www.nrcdxas.org!

DXN Publishing Schedule, Volume 77

Deadline	Publ Date				
		19.	Feb. 5	Feb. 15	
8.	Nov. 13	Nov. 23	20.	Feb. 12	Feb. 22
9.	Nov. 20	Nov. 30	21.	Feb. 19	Mar. 1
10.	Nov. 27	Dec. 7	22.	Feb. 26	Mar. 8
11.	Dec. 4	Dec. 14	23.	Mar. 5	Mar. 15
12.	Dec. 11	Dec. 21	24.	Mar. 19	Mar. 29
13.	Dec. 26	Jan. 4	25.	Apr. 9	Apr. 19
14.	Jan. 2	Jan. 11	26.	May 7	May 17
15.	Jan. 8	Jan. 18	27.	June 4	June 14
16.	Jan. 15	Jan. 25	28.	July 9	July 19
17.	Jan. 22	Feb. 1	29.	Aug. 6	Aug. 16
18.	Jan. 29	Feb. 8	30.	Sept. 17	Sept. 27

DX Time Machine

From the pages of DX News

From the "lost" entries ... December 13, 1958: Ralph Johanns, Buffalo, NY reported the receipt of a very nice verie letter from Radio Trinidad, the Voice of the Caribbean, Port-of-Spain, broadcasting on 730 kc/s with 20 kw; it said that the call sign VP4RD was never used any more.

25 years ago ... from the November 19, 1984 DXN: Don Moman, Pembina River DX site pulled in two stations above 1600 kHz: PAT-1622 Pastaza on 10/12 and 2RPH-1622 Sydney, Australia, 1/12 at 1240.

10 years ago ... from the November 15, 1999 DXN: Dave Schmidt, Scranton, PA said that he'd been promoted to CE of WARM-590 and other stations.

NRC AM Radio Log, 30th Edition



The NRC AM Radio Log is unbound and three-hole punched for standard binders. Media Rate: \$19.95 to U. S. NRC members; \$25.95 to U. S. 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 M. O. only. Order from: NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251, or via www.nrcdxas.org. (CO residents, please add 3.5% sales tax.)



AM Switch

Bill Hale w_r_hale@sbcglobal.net
6124 Roaring Springs Drive
North Richland Hills, TX 76180-5552



Status changes in AM stations, supplied by the FCC, CRTC, and listeners

CALL LETTER CHANGES

	<u>Old Call</u>		<u>New Call</u>
1370	WELG	NY Ellenville	WRWD
1400	KJOK	AZ Yuma	KCYK



CPs ON THE AIR

670	KPUA	HI Hilo - CP for U1 5000/5000 is on the air, cutting their power in half.
1190	WAMT	FL Pine Castle Sky Lake - CP for U2 4700/230 is on the air.

GRANTS FOR NEW STATIONS

1340	NEW	AL Holt - CP granted for U1 1000/1000 at 33-13-09/87-30-31.
1340	NEW	NH Conway - CP granted for U1 620/620 at 43-58-48/71-06-39.

ACTIONS

990	WEIS	AL Centre - Coordinate correction to 34-09-00/85-41-07.
970	WZAN	ME Portland - Special Temporary Authorization granted for U1 5000/1250. Pending construction on nighttime tower ATU housing unit (doghouse), they will be operating non-directional during nighttime hours at one-fourth of their normal 5000 Watts. Since their nighttime pattern favors the northeast, DXers to the west are encouraged to try for WZAN. Tell them AM Switch sent you, hi.
1040	WZNA	PR Moca - CP granted for U4 9000/250.
1690	CHTO	ON Toronto - CP granted to increase their day power, to become U1 3000/1000.

APPLICATIONS

1150	NEW	CA Easton - Applies for U2 260/5000.
1580	KWED	TX Seguin - Applies for U2 1000/1000.

AMENDMENTS TO APPLICATIONS

1140	KCLE	TX Cleburne - Licensed for U4 5000/710, KCLE applied for U4 25000/710. They have amended the application to U7 15000/710 CH 15000.
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APPLICATIONS FOR RECONSIDERATION

1180	NEW	NV Reno - Application for U2 7500/1000
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APPLICATIONS FOR NEW STATIONS

690	NEW	SD Tyndall - Applies for U4 1300/400.
1430	NEW	NV North Las Vegas - Applies for U4 5000/390.

APPLICATIONS DISMISSED

890	WFAB	PR Cieba - Application for U1 5000/600.
1560	WTOD	OH Toledo - License for D3 5000/0, WTOD has a CP for U4 4300/2. They then applied for U7 1500/3 CH 920, which has been deleted.

AM on FM

590	KLBJ	TX Austin - K259AJ-99.7 Austin [News]
1370	WRWD	NY Ellenville - WRWD-FM 107.3 Highland
1450	WKIP	NY Poughkeepsie - WKIP-FM 99.3 Ellenville
1500	KABR	NM Alamo Community - KABR-FM 88.1 [Native American]
1530	KZNX	TX Creedmoor - KHHL-104.9 Dripping Springs [Sports]

LICENSE CANCELLATIONS/CALL LETTERS DELETED

1200	WJGK	NY Highland - CP for U4 4700/1000 cancelled per applicant's request.
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HEAR AND THAR

☞ Returning to the airwaves: **KEOR-1120 Catoosa, Oklahoma** ; **WLLH-1400 Lowell-Lawrence, Massachusetts** with Spanish Tropical as *La Mega*; **KDXE-1380 North Little Rock, Arkansas** returns with talk; and **WZRK-1550 Lake Geneva, Wisconsin** returns with standards as *Avenue 1550*.

◆ Thanks to **Shawn Axelrod, Deane McIntyre, Dave Schmidt, and Otis B. Driftwood**.

Domestic DX Digest

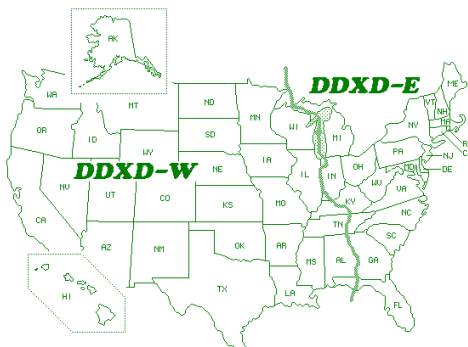
West: Jim Tedford Radio_Enthusiast@hotmail.com

20310 Bothell-Everett Highway B4 - Bothell, WA 98012-8133

East: Mike Brooker aum108@idirect.com

99 Wychcrest Ave - Toronto, Ontario M6G 3X8 CANADA

(Division line
is between East
and Central time
zones)



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

DDXD-West

Salutations from the dark and stormy Pacific Northwest. The time change back to standard time means the hours of dusk and darkness are increased, as are the possibilities for DX.

Something we should not forget is the potential of unattended, taped DX. Bruce Winkelman checks in with the results of some recent unattended DX sessions: "I did a couple of overnight recordings on 1320 KHz (10/29 Thur-10/30 Fri and 10/31 Sat-11/1 Sun) with the Quantum Phaser favoring north and 10/31-11/1 favoring south. Heard quite a few different things including 2 all-time new loggings."

Inspiration for all of us to do a radio-recorder setup.

Reporters

- BW-OK** **Bruce Winkelman AA5CO, Tulsa OK** Drake R8, Quantum Phaser, 2x50 foot wires.
FO-OK **Forest Osborn, Hooker, OK** Icom IC-R70, Hammarlund HQ-150 with 4 foot loop and 200 foot LW.
JDT-WA **Jim Tedford Bothell, WA** Grundig Sat-800, Eton E-1, Kaito KA-2100, RCA Superadio, 150 foot longwire, Degen loop.
JW-CO **John Wilkins, Wheat Ridge, Colorado.** Drake R-8, 4-foot box loop.

Station News

- 1090 KPTK WA** **Seattle** Per announcement heard on air 11/03, "Seattle's Progressive Talk will have an improved nighttime signal." Per FCC info, minor adjustments to nighttime directional pattern to reduce co-channel QRM. When I checked 11/06 2053 the signal was cleaner, but still not very interesting. **(JDT-WA)**
- 1410 CFUN BC** **Vancouver** Former talk station flipped to all-sports format 11/5; now known as "Team 1410" with all jock talk. Heavy coverage of NHL hockey and Canadian Football League. I'll miss their Canadian-perspective talk format. **(JDT-WA)**



Tentative/Unidentified

- 1320** 11/1 0800 a real rarity now-days: instrumental SSB in the mix but nothing ID-able at the end, just a jumble with XECPN dominating. **(BW-OK)**

DX Logs (Times ELT)

- 570 KVI WA** **Seattle.** 10/24 0843 ID, "KVI Seattle". Ad for Seattle.servicemagic.com, ad for Dr. Sheila Adams Show. First time logged here and with good signal in the early morning. **(FO-OK)**
- 570 KSNM NM** **Las Cruces.** 10/24 0850. Call letter ID and Las Cruces wx, NM high school basketball ad, If this was still on 155 watts night power, signal was very good. **(FO-OK)**
- 580 KUBC CO** **Montrose.** 10/24 0905. ID as "Cherry Creek Radio". **(FO-OK)**
- 600 KSJB ND** **Jamestown.** 10/29 2110. Old C&W music, wx in "Downtown Jamestown". **(FO-OK)**
- 610 CHNL BC** **Kamloops** 11/6 2309 Kamloops Blazers hockey vs. Edmonton Oil Kings. Local ID as "Radio NL." Not commonly heard here. **(JDT-WA)**
- 740 CFZM ON** **Toronto** 11/4 2107. Nostalgia music on program "Sentimental Journey"; oc

- casual ads, EST time checks; "Zoomer Radio" and "AM 740" slogans. Good on peaks with moderate fading in QRM. **(JW-CO)**
- 750 **KHWG NV Fallon** 10/31 0900. Song "Rainy Nights" ending; legal ID at 0901 for AM 750 and FM 100.1; a "K-Hawg" slogan was followed by the Pledge of Allegiance by a group of kids, then instrumental "Star Spangled Banner"; back to C&W at 0903. Fair, first over then under KMMJ. **(JW-CO)**
- 830 **KFLT AZ Tucson.** 10/29 2035. Religious music on top of WCCO, ID as "Family Life Radio" at 2037. **(FO-OK)**
- 890 **KJME CO Fountain** 11/4 1150. Bluegrass music; "KJME Fountain, Colorado" ID's after every few songs. Presume testing and not regular schedule. Fair signal but bothered by KPOF-910 IBOC. Tnx Wayne Heinen for the tip. **(JW-CO)**
- 950 **KWOS MO Jefferson City.** 10/29 1925. ID as "News radio KWOS" and into program on MO high school sports. **(FO-OK)**
- 1110 **KVTT TX Mineral Wells** 11/2 0808. Upbeat religious songs; male announcer with frequent call letter ID's and mentions of kvtt.com; headlines, traffic and weather at 0830. Generally fair in KFAB null. Ex-KJSA. **(JW-CO)**
- 1270 **KSCB KS Liberal** 11/4 0838. High school sports scores; call letter ID. Fair, mixing with KIML. **(JW-CO)**
- 1280 **KIT WA Yakima** 11/6 2018. High school football: Eisenhower HS vs. Walla Walla; ad for Whitney's Graphic Services read by play-by-play guy. Fair with deep fades. Not often heard at night. **(JDT-WA)**
- 1290 **KUMA OR Pendleton** 10/24 0905. "NewsTalk 1290 KUMA...and kuma.com" wafting through the QRM. Not common here. **(JW-CO)**
- 1320 **KLWN KS Lawrence** 10/29 0003 Heard w/ CLID in a GY-like jumble (250 watts) (BW-OK)
- 1320 **KNIA IA Knoxville** 10/30 2300 YL on top of frequency w/ full ID "number one source of news and information in area towns, AM 13-20 KNIA, Knoxville" NEW (222 watts) (BW-OK)
- 1320 **KRLW AR Walnut Ridge** 10/30 0300 briefly on top of KLWN w/"KRLW Oldies 13-20" (152 watts) (BW-OK)
- 1320 **WILS MI Lansing** 10/30 0800 A real surprise at the TOH with "Talk Radio 13-20 WILS Lansing" into Fox News Radio. NEW (25kw) (BW-OK)
- 1320 **XECPN COAH Piedras Negras** 11/1 0200 Mexican NA followed by what is apparently the Coahuila state anthem, La Poderosa slogan and lots of mentions of "Radiorama" (BW-OK)
- 1320 **KXYZ TX Houston** 11/1 0500 and 0600 Loud "AM 10-50 KCHN Brookshire-Houston" by deep voiced male and gone. KCHN 1050 and KXYZ 1320 have the same mailing address per the NRC log 30th ed. so presume this was KXYZ with some sort of automation "glitch"? (BW-OK)
- 1350 **KCAR TX Clarksville.** 10/28 2210. Old C&W music, Willie Nelson, Johnny Cash, etc.. ID at 2229, "13-50 KCAR", If NRC log is still correct, this should have been at 65 watts night power, even at day power of 410 watts, not bad for the Oklahoma Panhandle. **(FO-OK)**
- 1450 **KZNU UT St. George** 11/1 0759. Legal ID at 0759:54: "The new kid in Talk Radio in southern Utah - Fox News 1450 KZNU St. George". Fair in the mix. **(JW-CO)**
- 1460 **KLTC ND Dickinson.** 11/3 1853. Under KXNO with C&W music, mention of southwestern North Dakota and into ABC news at 1900. **(FO-OK)**



Bit of a light turnout this time. I'm sure the time change has all of us old folks' diurnal clocks all messed up. But I'm sure we will wake up and take advantage of the improving DX opportunities. See you next week (JDT-WA)

DDXD-East

REPORTERS

- BC-QC** Bogdan Chiochiu, Montreal - Sanyo MCD-S830
- HJH-PA** Harry Hayes, Wilkes-Barre - Grundig S-350, Kiwa Pocket Loop
- KK-VA** Kraig Krist, Manassas - NRD-545, homemade 134 foot multiband antenna running NW to SE.
- DL-MD** David Larrabee, Columbia - RF Space SDR-14, Quantum Phaser on pair of DX Engineer-

ing active verticals

GS-ONH **Greg Shoom, Harrowsmith** - Kaito KA-1103
GS-ONT **Greg Shoom, Toronto** - Eton E-100, GE Superradio III
MKB-ON **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

LOGGINGS

540 **KWMT IA Fort Dodge** – 10/23 0722 - Country music, ads, ID on half hour: “True country 540 KWMT” plus location. **(GS-ONT)**

580 **WTAG MA Worcester** – 11/2 1807 – over CKWW and CJCL-590 slop with March of Dimes PSA, promo for Roger Hedgecock show, “the show that puts talk into action only on news talk 580 and 94.9 WTAG”. **(MKB-ON)**

600 **WSNL MI Flint** – 11/2 1700 – over CJCL-590 slop with ToH ID: “serving Flint, Saginaw, Bay City and Midland...this is Victory 600, WSNL” into SRN news. **(MKB-ON)**

640 **WWJZ NJ Mount Holly** – 10/18 0035 – poor with Radio Disney programs, kids music. New. **(GS-ONH)**

700 **WTUB MA Orange-Athol** – 10/18 0738 - ESPN Radio; sports talk, mixing with WLW. No ID but this is the only ESPN station in the eastern half of the country, so little doubt of its identity. Ex-WJOE. **(GS-ONH)**

740 **WNYH NY Huntington** – 10/18 0745 - Korean language talk. In null of CFZM at about equal strength. **(GS-ONH)**

780 **WTME ME Rumford** – 11/2 2235 - playing an eclectic blend of soft rock, new country and 80s pops with weather forecast for Maine and WEZR-1240 simulcast announcements. Excellent, way over both WBBM and Venezuelan Radio Coro... Definitely using 10,000 Watts daytime power rather than 18 Watts nighttime power! New! **(BC-QC)**

790 **WTNY NY Watertown** – 10/18 0825 – fair with “The Garden Hotline” hosted by Ralph Snodsmith. Ads for North Country Urgent Care just outside Watertown, AIDS walk, etc. ID before hour as “AM 790 WTNY”. **(GS-ONH)**

800 **CJAD QC Montreal** – 10/17 1805 - News, ID. Interference from CJBQ and IBOC noise from WGY-810. Even though this is 50 kW I never hear it in Toronto, because of its antenna pattern. **(GS-ONH)**

820 **WNYC NY New York** - 11/5 1855 - “This is WNYC” ID noted in mix with Cuban Radio Reloj time pips. **(KK-VA)**

830 **WTRU NC Kernersville** - 11/4 1855 - religious talk mixing with WCCO, ID as “Truth you can say amen to. AM eight thirty WTRU Kernersville, Winston Salem, Greensboro, High Point, Burlington and online at wtru dot com”. **(KK-VA)**

WCCO MN Minneapolis - 11/4 1855 - Mixing with religious talk on WTRU, “WCCO” ID by woman into CBS News Update. **(KK-VA)**

860 **CJBC ON Toronto** - 11/1 1855 – Société Radio-Canada (CBC French) programming. ID by man in FF, “Radio Canada International CJBC Toronto”. **(KK-VA)**

870 **WWL LA New Orleans** - 10/31 1955 - LSU basketball game, “Lets pause 10 seconds for station identification on the LSU Sports Network”. ID during time-out: “The news, talk, sports leader. The big eight seventy WWL New Orleans, one oh five three WWL FM New Orleans and WWL dot com”. **(KK-VA)**

920 **WPCM NC Burlington-Graham** – 10/31 1845 – Call ID and “Oldies at the Beach” slogan. Ad for Duplin winery. In very strong then suddenly overtaken by CKNX. **(HJH-PA)**

WOKY WI Milwaukee – 11/4 1718 – fighting groundwave pest CKNX with local weather, ad for Sullivan Jewelers in Milwaukee, slogan “AM 920 the Wolf”. **(MKB-ON)**

1070 **WAPI AL Birmingham** – 11/5 1724 – caught local ad under CHOK mentioning I-59 and “...be sure to mention you heard about us on 1070 WAPI”, Lipitor ad, into Wall Street report, then lost to pest CHOK. **(MKB-ON)**

1210 **WJNL MI Kingsley** – 11/3 0807 – over nulled WPHT with local weather “from the WJML weather center”, slogan “the talk of the north, 1110 and 1210 WJML”, //WJML-1110 also noted over WBT. **(MKB-ON)**

1270 **WTSN NH Dover** – 10/31 1732 – through nulled WHLD groundwave with election news promo: “WTSN’s complete election day coverage...listen here Tuesday only on 1270 WTSN”. **(MKB-ON)**

- WMPM NC **Smithfield** - 11/1 1653 – religious programs, slogan “WMPM Johnston County Christian Radio”. (DL-MD)
- 1280 WHVR PA **Hanover** - 11/4 1000 - C&W at the top of the hour: “Real Country, this is WHVR Hanover. ABC News Now. This is...” Apparent change from CNN. (DL-MD)
- 1290 WFBG PA **Altoona** – 11/1 1845- ID: “The Big 1290 WFBG” repeated three times in promo for Jim Bohannon show. (GS-ONT)
- 1310 WTLB NY **Utica** – 10/26 0725 – poor with sports talk, “TLB” ID, ads for businesses in Syracuse and New Hartford. (GS-ONT)
- 1320 WAGY NC **Forest City** – 10/31 2008 – Up well with ID then gone. “Tune your radio dial to WAGY 1320”. (HJH-PA)
- 1330 WVHI IN **Evansville** - 11/6 0600 – noted one hour before sunrise with religious programs, slogan “Evansville’s most heavenly inspiration, AM thirteen thirty, WVHI Evansville” and back into music. No IBOC interference noted on the channel. Faded quickly to WEBO. (DL-MD)
- WEBO NY **Owego** - 11/6 0602 - Faded up in the clear running music just as WVHI faded. “Its six oh one at news radio thirteen thirty, WEBO the southern tiers local news tier leader. Broadcasting live from the coolest small town in America, we are the southern tier’s local news leader, News Radio WEBO Owego, Binghamton, a Radigan broadcasting station.” into locally originated local news & weather. (DL-MD)
- 1380 WSYB VT **Rutland** – 10/26 0740 – poor with talk, ads, ID as “Here on WSYB”. (GS-ONT)
- 1390 WLCM MI **Holt** – 11/3 0758 – creaming usual WNIO with station promo “...when you call or write, be sure to mention you heard the program on Victory 1390 WLCM” at end of gospel program. (MKB-ON)
- 1440 WCDL PA **Carbondale** – 10/29 0757 – poor with nostalgia music, ID for WNAK and WCDL. (GS-ONT)
- WFNY NY **Gloversville** – 10/18 1620 - fair with oldies, nostalgia music. New. (GS-ONH)
- WNPV PA **Lansdale** – 10/17 1753 - fair-poor with Penn State football, ads for Pennsylvania Service, ID on hour. Mixing with oldies station. (GS-ONH)
- 1510 WWZN MA **Boston** – 11/2 0702 – over usual WWSM/WLAC mix with ad for Tufts Health Plan, local weather, “Revolution Boston AM 1510” slogan and promo for www.revolutionboston.com website. This station has been through too many format and call changes to count. Visit to website confirmed calls are still WWZN. (MKB-ON)
- WWSM PA **Annville-Cleona** – 10/27 0719 – very poor with country music, chatter, IDs. (GS-ONT)

International DX Digest

Bruce Conti nrcidxd@aol.com
46 Ridgefield Drive
Nashua, NH 03062-1174

Foreign DX Catches. All times are UTC

Transatlantic DX

- 153 **ALGERIA** *Chaîne 1*, Béchar (31°38’N 2°18’W) NOV 6 2335 - Good; choral vocals and strings parallel 531 kHz. [Conti-NH]
- 153 unID NOV 1 0603 - Something here with little or no audio, very choppy sound. [Chiochiu-QC]
- 162 **FRANCE** *France-Inter*, Allouis (47°10’N 02°12’E) NOV 1 0606 - French hard rock tune noted in passing. They seldom play music on Sunday mornings, as they carry a literature show, playing a wee bit of music maybe twice during the hour. Very strong at this time, but consistently weaker than 183 *Europe 1*. [Chiochiu-QC]
- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador (35°03’N 2°55’W) NOV 1 0610 - News; very poor and difficult with jammer-like behind. Unfortunately it was almost impossible to null the jammer without also reducing dramatically the strength of *R.Méditerranée Internationale*. [Chiochiu-QC]
- 180 unID NOV 1 0354 - The unID of the night! Barely discernable rock music getting through

with a very dirty and choppy sound and het from 183 kHz. Either cross-modulation from something on mediumwave or shortwave, or maybe Turkey? Turkey occasionally makes the trip inland, as Sylvain Naud heard them. The PK Shielded Magnetic LW Loop is supposed to get rid of cross-modulation and false interference problems, so I have high hopes for Turkey! [Chiochiu-QC]

- 183 **GERMANY** *Europe 1*, Felsberg (49°17'N 6°41'E) OCT 31 0425 - Laurent Rouquier do-you-know general culture game show in the same fashion as the ever-popular "Des Questions pour un champion" on TV5. Good with some slow fadings in and out, almost armchair copy. [Chiochiu*QC] NOV 1 0356 - Health magazine, among the items was a recent increase of 55% in the H1N1 swine flu cases reported. Very huge, booming in. After the 0400 news, the latest French Top 50 show. [Chiochiu-QC]
- 189 **ICELAND** *Ríkisútvarpid*, Gufuskálar (64°54'N 23°55'W) NOV 1 0615 - Smooth blend of slow and mid tempo classic, cosmic, pop and progressive rock tracks, mostly in English, maybe a tiny bit in Icelandic. I fell asleep listening to them. At 0900 still going strong with Icelandic chatter, as my mother told me. Some splatter out of 183 *Europe 1* with the G5 in AM wide mode. Wow! I never imagined two TAs could cause hets and splatter to each other! [Chiochiu-QC]
- 252 **ALGERIA** *R.Algérienne*, Tipaza (36°35'N 2°27'E) OCT 31 0424 - Talk show in French. Very good above the beacons, but difficult to follow due to low modulation. [Chiochiu*QC]
- 252 **IRELAND** *RTÉ Radio 1*, Clarkestown NOV 1 2220 - Bagpipe music heard through Algeria. [Conti-NH]
- 252 unID NOV 1 0352 - Talk; unreadable with heavy interference from beacons on nearby frequencies. [Chiochiu-QC]
- 261 **BULGARIA** *R.Horizont*, Vakarel NOV 5 2310 - Weak with bits and pieces of a man talking in a Slavic type language. New Log. Russia not on till 0100. [Barstow-MA]
- 531 **ALGERIA** *Chaîne 1*, El Ain Beida (35°49'N 7°19'E) OCT 29 2216 - Fair; Arabic music. [Barstow-MA]
- 531 **SPAIN** *RNE5* synchros NOV 6 2325 - Good, over Algeria; talk parallel 585 kHz. [Conti-NH]
- 576 **CANARY ISLANDS // SPAIN** *RNE5* synchros NOV 6 2340 - Fair; talk parallel 585 kHz. [Conti-NH]
- 594 **PORTUGAL** *R.Sim*, Muge (39°05'N 8°41'W) NOV 6 2343 - Good; orchestral instrumental, woman in Portuguese. [Conti-NH]
- 612 **MOROCCO** *RTM A*, Sebaa-Aioun (33°54'N 5°23'W) NOV 4 0021 - Good with what seemed like a call in talk show. [Barstow-MA]
- 756 **GERMANY** *Deutschlandfunk*, Braunschweig & Ravensburg NOV 1 0416-0423 - Fair; male DJ in German, pop tunes by Melanie and Meatloaf. [DeLorenzo-MA]
- 765 **SWITZERLAND** *RSR Option Musique*, Sottens (46°39'N 6°44'E) NOV 1 0323 - Fair; female DJ in French and male French ballad. [DeLorenzo-MA]
- 774 **SPAIN** *RNE1* synchros NOV 1 0359 - Fair; light acoustic guitar music, 0400 time pips, "Radio Nacional de España, Informativos," into news in Spanish by woman. [DeLorenzo-MA]
- 864 **EGYPT** *ERTU Santah* (30°45'N 31°08'E) OCT 26 2306 - Fair with readings. [Barstow-MA]
- 909 **BOTSWANA** *VOA Sebele Pikwe* NOV 6 2100 - End of English transmission and sign-off, "This is the Voice of America, Washington DC, signing off," and Yankee Doodle, then carrier cut at 2100. Recorded; poor under UK. [Black-MA]
- 909 unID OCT 26 2214 - Arabic under UK and then gone. OCT 29 2200 - Arabic sounding group prayers. [Barstow-MA] The Yemen chase continues.
- 927 **BELGIUM** *VRT Radio Een*, Wolvertem (50°59'N 4°18'E) NOV 2 2307 - Good with rock tune. [Barstow-MA]
- 963 **TUNISIA** *RTT Tunis* (36°48'N 10°10'E) NOV 1 2332 - Presumed with Arabic singing by a man; in fair at the time and then gone. [Barstow-MA]
- 972 **LIBYA** *Libyan Jamahiriya*, Sirte NOV 4 0434 - Arabic music; good to strong at times. 0512 good; man in Arabic with prayers along with singing. [Barstow-MA]
- 1035 **PORTUGAL** *R.Clube*, Belmonte NOV 1 2300 - Top of the hour pips (3, space and 1 long), then theme music and man with "Rádio Clube" ID. Recorded; fair. [Black-MA] NOV 4 0000 - Good with music. [Barstow-MA]
- 1053.1 **LIBYA** *Libyan Jamahiriya*, Tripoli (32°50'N 13°00'E) OCT 25 2230 - Man in Arabic and Mid-Eastern music. MWOffsets shows Libya on this offset. Recorded; fair-good. [Black-MA]
- 1062 **DENMARK** *Danmarks Radio*, Kalundborg (55°40'N 11°04'E) NOV 1 0457-0503 - Good; theme from TV sitcom *Friends* "I'll Be There for You" followed by news by a man in Danish. [De-



- Lorenzo-MA]
- 1062 **ITALY** *Rai Radiouno* synchros NOV 1 2230 - Presumed with what sounded like Italian news and music; fair. NOV 2 2300 - Tones and sign-off. [Barstow-MA] NOV 6 2215 - Fair with synchro echo; light pop vocals and talk. 2259 signing off with abbreviated anthem, then test tones and off. [Conti-NH]
- 1089 **RUSSIA** *R.Rossi*, Tbilisskaya (45°22'N 40°10'E) NOV 2 2200 - Overtaking UK *Talksport*; man in Russian. Recorded; good. [Black-MA] NOV 4 2254 - Fair to good over/under UK; Russian dance tune into news. In best on the east side of the east-west Flag. New log. [Barstow-MA]
- 1089 **UNITED KINGDOM** *TalkSport* synchros NOV 1 0510-0520 - Fair; teletalk and ad for liquor store. [DeLorenzo-MA]
- 1116 **ITALY** *Rai Radiouno* synchros NOV 6 2300 - Sign-off test tones through *SER* Spain. [Conti-NH]
- 1125 **SPAIN** *RNE5* synchros NOV 4 2340 - Good; talk parallel 1098 and 1107 kHz. [Conti-NH]
- 1179 **SWEDEN** *R.Sweden International*, Sölvesborg (55°59'N 14°40'E) NOV 4 2025 - Good; discussion with a woman in English. [Barstow-MA] NOV 6 2230 - Good; interval signal, "Radio Sweden, Stockholm," and "To the Wide, Wide World" music, then "You're listening to Radio Sweden broadcasting to Europe on medium wave, 1179 kilohertz," and news in English with lead story about swine flu. [Conti-NH]
- 1179 unID NOV 1 2358 - Under *SER* Canaries/Spain; Koranic vocals through the hour. [Conti-NH]
- 1215 **KALININGRAD** *VOR Bolshakovo* NOV 1 2358 - Over/under *Absolute Radio*; five cycles of interval signal, "This is Moscow. You're tuned to the World Service of the Voice of Russia." NOV 4 2300 - Under *Absolute Radio*; "You're tuned to the World Service of the Voice of Russia," and news in English. [Conti-NH]
- 1323 **GERMANY** *VOR Wachenbrunn* (50°29'N 10°30'E) NOV 4 2152 - Good with talk. [Barstow-MA]
- 1341 **NORTHERN IRELAND** *BBC Radio Ulster*, Lisnagarvey (54°30'N 6°04'W) OCT 26 2240 - Man in English with news; weak to fair at times. [Barstow-MA]
- 1394.8 **ALBANIA** *TWR Fllakë* (41°22'N 19°31'E) OCT 27 2159 - Woman with talk, some music, and sign-off. NOV 4 2037 - Good to strong with talk. [Barstow-MA]
- 1422 **ALGERIA** *R.Algérienne*, Algiers (36°40'N 3°09'E) NOV 1 2225 - Good; discussion in French parallel 252 kHz. [Conti-NH]
- 1440 **LUXEMBOURG** *RTL Marnach* OCT 29 2200 - French heard earlier, then ID and English, relaying CRI. In above the mix for a time. Clip identified by Russ Edmunds, Sylvain Naud, and Chris Black, thanks guys. New log and new country. [Barstow-MA]
- 1457.81 **ALBANIA** *CRI Fllakë* (41°22'N 19°31'E) NOV 1 2250 - Loud het against 1458 *Sunrise Radio*. Off at 2330 leaving *Sunrise Radio* in clear. [Conti-NH]
- 1458 **UNITED KINGDOM** *Sunrise Radio*, Brookmans Park NOV 4 2146 - Fair; two woman talking about cats. [Barstow-MA]
- 1467 **FRANCE** *TWR Roumoules* (43°47'N 6°09'E) NOV 1 2259 - One cycle of *TWR* interval signal, then carrier was off momentarily, returning with "Rendezvous" program in English. 2345 sign-off with *TWR* address info, "Good night," one cycle of interval signal, and off. [Conti-NH]
- 1476 **SPAIN** *Euskadi Irratia*, Miramon NOV 1 2300 - Fair; Euskadi ID with fanfare into news parallel a weaker 1386.06 kHz which suffered local 1370 WFEA interference. [Conti-NH]
- 1503 **IRAN** *IRIB Sarasary*, Bushehr (28°58'N 50°51'E) NOV 4 0027 - Talk and music; fair to good at times. [Barstow-MA]



Pan-American DX

- 555 **ST. KITTS & NEVIS** *ZIZ Basseterre* (17°19'N 62°44'W) OCT 27 0326 - Poor; Caribbean calypso and time-checks. [Chiochiu*QC]
- 600 **CUBA** *CMKV R.Rebelde*, Urbano Noris (20°35'N 76°08'W) OCT 30 2310 - Advice regarding persons sick with H1N1 flu to stay "en un lugar cerrado" (away from anybody) and to meet as soon as possible "el medico de familia," followed by a Spanish adult contemporary ballad. After about 2330 sports coverage began, like usually on this station. Very good, over/under both WICC and CKAT. [Chiochiu*QC]
- 610 **CUBA** *CMAN R.Rebelde*, Bahía Honda (22°53'N 83°09'W) OCT 25 0205 - Good under WIOD; lively Spanish vocal parallel to 670, 710, and 770 kHz. [DeLorenzo-MA]
- 640 **GADELOUPE** *R.Guadeloupe*, Pointe-à-Pitre (16°15'N 61°32'W) OCT 27 0037 - Zouk love

track followed by “Radio Guadeloupe présente Lionel Ritchie...” with some of his great hits. Good signal in jumble of *R.Progreso*, WNNZ (carrying BBC World Service), and weak residual AM 640 Toronto. I haven’t heard this in years, a pleasant surprise, almost astonishing! [Chiochiu*QC]

- 670 **CUBA** CMQ *R.Rebelde*, Arroyo Arenas (23°00’N 82°30’W) OCT 30 2317 - Woman in Spanish talking after the Spanish adult contemporary ballad (parallel 600); way over WSCR, slightly over 660 WFAN HD hiss and the local next-to-adjacent CINF *Infos 690* splatter. [Chiochiu*QC]
- 750 **CUBA** CMHV *R.Progreso*, Trinidad (21°48’N 79°59’W) OCT 25 0232 - Good over second LA; ID and female Spanish ballad. [DeLorenzo-MA]
- 750 **VENEZUELA** YVKS RCR Caracas (10°29’N 67°00’W) OCT 27 0115 - Venezuelan baseball coverage. One of the teams was “Los Gavilanes” or “Los Magallanes.” Huge, almost local-like, way stronger than anything else on this channel including WSB and *R.Progreso*. [Chiochiu*QC]
- 760 **COLOMBIA** HJAJ RCN Barranquilla (10°53’N 74°49’W) OCT 27 0026 - Promo for a cumbia music show on RCN “Nuestra TV,” time-check, ad for a bank. 0101 news segment about several Colombians who died in Venezuela in places such as “el estado Táchira” due to the H1N1 swine flu bacteria. [Chiochiu*QC]
- 770 **COLOMBIA** HJXX RCN Bogotá (4°37’N 74°11’W) NOV 4 0009 - Burying WABC New York. [Barstow-MA]
- 770 **CUBA** *R.Rebelde*, Las Mercedes OCT 25 0240 - Fair under WABC; festive LA music parallel to 670 and 710 kHz. [DeLorenzo-MA]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola OCT 29 0104 - Tentative with reggae music in WBBM null and heavily interfering with La Discoteca del Pueblo on *R.Coro*. All my suspicions lead to ZBVI, but I’m skeptical. [Chiochiu*QC]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro (11°23’N 69°40’W) OCT 25 0147 - Loud and clear, way atop channel with several IDs, “Radio Coro, Siete Ochenta AM,” into festive LA music. [DeLorenzo-MA] OCT 26 0400 - Ruta Musical 780 featuring mostly dark edged tropical grooves using minor chords, followed by mostly happy-sounding cumbia, vallenato, etc. tropical and traditional songs. Very huge peaks, deep fadings and domestic interference in WBBM null. [Chiochiu*QC]
- 840 unID OCT 27 0015 - Very good mixing with WHAS; traditional Venezuelan music (llanera). Lost barely two minutes away before I could secure any ID material. According to YV DXers, YVMY *R.Juventud* is running lower power. Given the huge friendship between Hugo Chávez and Fidel Castro, it could be one of the two Cubans. There is also a domestic here playing Spanish tropical music, but I doubt it was this, since you won’t hear YV music on USA Spanish domestics. [Chiochiu*QC]
- 870 **CUBA** CMDT *R.Reloy*, Sancti Spíritus (21°56’N 79°26’W) OCT 25 0226 - Fair under WLVP; usual format of news by man and woman in Spanish, syncopated clock, minute marker, and “RR” in Morse code, parallel to 790 kHz. [DeLorenzo-MA] OCT 27 0258 - Spanish news with clock ticks behind. Good through annoying 880 WCBS HD hash. [Chiochiu*QC]

Transpacific DX

- 774 **JAPAN** JOUB NHK2 Akita (39°43’N 140°07’E) NOV 6 1110 - Parallel 693 and 747, man in Japanese, short musical break, then man in Japanese. Recorded; poor-fair. [Black-MA]



Five Live DXers

Roy Barstow, Teaticket MA; Perseus, east-west Flag, north-south Flag, 63° SuperLoop.

Chris Black N1CP, South Yarmouth MA; Microtelecom Perseus, 35 x 90-ft Flag.

Bogdan Chiochiu, Pierrefonds QC; Grundig G5 ultralight, PK Shielded Magnetic LW Loop, and Montréal-Est *QC; Sanyo MCD-S830 with PK AM Loop, Sangean ACS 818-CST with PK LW Loop.

Bruce Conti, Nashua NH; SDR IQ, variable termination SuperLoop antennas 13 x 20-m east and 15 x 23-m south.

Marc DeLorenzo, South Dennis MA; JRC NRD-525, 35 x 40-ft east/west dual feedline SuperLoop with remote variable termination, 350-ft north/south longwire.

73 and Good DX!

Expiring? Time to renew? Not sure when? Need to call or e-mail someone or join e-DXN or DXAS? Check the back page - it's all there!

Professional Sports

Networks

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Chicago, IL 60643-2409

Network listings for team sports stations

Here is National Hockey League (NHL) flagship information from Ken Onyschuk from Internet sites. I have not checked for any networks, but I found the Bluejackets' network list (coming in a subsequent column) while checking the flagship information (that Ken inadvertently omitted). Please send me any URLs to network information that you find.

And I should have National Basketball Association (NBA) flagship information next week, also from Ken.

National Hockey League 2009/2010

Anaheim Mighty Ducks	830	KLAA-CA	Steve Carroll, Brent Severyn
Atlanta Thrashers	680	WCNN-GA	Dan Kamal, Darren Elliott
Boston Bruins	98.5	WBZ -MA	Dave Goucher, Bob Beers
Buffalo Sabres	550	WGR -NY	Rick Jeanneret, Harry Neale
Calgary Flames	960	CFAC-AB	Pete Maher, Mike Rogers
Carolina Hurricanes	99.9	WCMC-NC	Chuck Kaiton, John Forslund
Chicago Blackhawks	720	WGN -IL	John Weideman, Troy Murray
Colorado Avalanche	1510	KCKK-CO	Norm Jones, Marc Moser
Columbus (OH) Bluejackets	1460	WBNS-OH	George Matthews, Bill Davidge
	101.1	WWCD-OH	
Dallas Stars	820	WBAP-TX	Ralph Strangis, Daryl Reaugh
Detroit Red Wings	1270	WXYT-MI	Ken Kal, Paul Woods
	97.1	WKRK-MI	
Edmonton Oilers	630	CHED-AB	Rod Phillips, Bob Stautler
Florida Panthers	790	WAXY-FL	Randy Moller
Los Angeles Kings	1150	KTLK-CA	Nick Nickson, Daryl Evans
Minnesota Wild	830	WCCO-MN	Bob Kurtz, Tom Reid
Montreal Canadiens	800	CJAD-PQ (EE)	Rick Moffat, Murray Wilson
	730	CKAC-PQ (FF)	Marty McGuire, Danny Dube
Nashville Predators	104.5	WGFX-TN	Tom Callahan, Pete Weber, Terry Crisp
New Jersey Devils	660	WFAN-NY	Matt Laughlin, Sherry Ross
New York Islanders	94.3	WMJC-NY	Howie Rose, Billy Jaffe
New York Rangers	1050	WEPN-NY	Kenny Albert, Bob Wischusen, Dave Maloney
Ottawa Senators	1200	CFGO-ON (EE)	Dave Schreiber, Shaun Van Allen
	104.7	CJRC-ON (FF)	Jean-Phillip Bertrand, Alain Sanscouter
Philadelphia Flyers	610	WIP -PA	Tim Saunders, Chris Therien
Phoenix Coyotes	910	KGME-AZ	Bob Heethuis, Tyson Nash
Pittsburgh Penguins	105.9	WXDX-PA	Mike Lange, Phil Bourque
Saint Louis Blues	1120	KMOX-MO	Chris Kerber, Kelly Chase
San Jose Sharks	98.5	KFOX-CA	Dan Rusanowsky, Jamie Baker
Tampa Bay Lightning	620	WDAE-FL	Dave Mishkin, Phil Esposito (h)
Toronto Maple Leafs	640	CFMJ-ON	Dennis Beyak, Joe Bowman, Jim Ralph
Vancouver Canucks	1040	CKST-BC	John Shorthouse, Tom Larsheid
Washington Capitals	1500	WFED-DC	Steve Kolbe, Ken Sabourin

h = announcer for home games only

Two URL's you need: <http://e-dxn.com>; <http://www.nrcdxas.org>

IRCA TIS/HAR List (Fall 2004)

Mike Hardester has completed the most up-to-date list yet: 56 pages of top-notch information on current TIS/HAR stations in the AM Band. Prices: NRC/IRCA members: \$8.50; overseas, add \$3.00; non-NRC/IRCA members: add \$1.00. State club affiliation when you order. Send U. S. funds payable to Phil Bytheway to: IRCA Bookstore - 9705 Mary NW - Seattle, WA 9817-2334, or via PayPal to fokker_d8@yahoo.com (Phil Bytheway); add \$.50 for PayPal service charges.

NRC Contests

Wayne Heinen amradiolog@nrcdxas.org
4131 Andes Way
Aurora, CO 80013-3831

An annual DX contest which encourages DX'ing and offers prizes

Contest Report through November 5, 2009

Contest #1 Cumulative Points

Contester	Location	Loggings	Points	Contester	Location	Loggings	Points
John Cereghin	Smyrna, DE	320	650	Steve Sprague	Coffeyville, KS	49	121
*Wayne Heinen	Aurora, CO	150	399	Nancy Johnson	Billings, MT	28	91
Paul Swearingen	Topeka, KS	194	370	Russell Curry	Eugene, OR	31	67
Richard Lauhead	St Paul, MN	151	294	David B Jones	Nashville, TN	20	40
Deane McIntyre	Calgary, AB	127	241	Bill Patalon III	Fallston, MD	25	31
John Kavan	Tampa, FL	74	149	Dale Park	Honolulu, HI	2	2

How far have you gone?

Contest #2 Total Miles DX'ed

Total Miles	Loggings	Name	City	State
103853	322	John Cereghin	Smyrna	DE
74768	194	Paul Swearingen	Topeka	KS
67607	151	Richard Lauhead	St Paul	MN
63105	150	Wayne Heinen	Aurora	CO
21421	74	John Kavan	Tampa	FL
14302	28	Nancy Johnson	Billings	MT
12799	31	Russell Curry	Eugene	OR
8393	25	Bill Patalon III	Fallston	MD
7749	20	David B Jones	Nashville	TN
4069	49	Steve Sprague	Coffeyville	KS
2607	2	Dale Park	Honolulu	HI

We're off to a rather good start with twelve participants reporting as of November 5, 2009. You'll note that the contest manager has an asterisk next to his name. As the manager and scorekeeper, I'm obviously not eligible for any of the prizes. So far only John Cereghin has submitted any TA logs; although Dale Park's logs are 1/2 TP, they will be counted as Domestic since he is a resident of our 50th state. Those submitting log in Word or text format, PLEASE do not use spaces, use a (one each) tab between columns. Don't worry what it looks like, as my Access program reads the columns. Your submissions need to be in the order followed in DDXD and IDXD: Frequency, Call (or slogan), and then the other information (city, date, time, et cetera. When the contest robot detects stations that "don't exist", I do research them, if a dyslexic moment has struck I will correct the error and accept the logging. If you list a call that is outdated because your reference may not be up to date and you didn't hear the current call, it will be bounced, and you'll need to resubmit that logging with a correction or re-log the station. I have made one exception: Cincinnati's "WDJO Oldies 1480" is a slogan. They are still listed as WCIN in the FCC data as of my writing this November 6th. Any NRC member may jump in at any time into one or both contests; see the rules in Volume 77, Issue 1, page 44. -73 Wayne



Shared tips and information from NRC members, both new and old

Welcome to the DX Tool Box Column number 10.

Greetings once again from the Heart of the Continent. I invite any suggestions for the column. My main goal is to do articles on simple easy projects or basic non-technical information. I will leave the technical stuff to those better equipped to do that type of column.

This month we look at simple Longwire antennas that you can put up easily and quickly.

The easiest to put up and simplest to build antenna is the longwire. This is a length of wire that is run from your receiver to a point as far from the radio as possible. The antenna wire can be of any type that you can easily buy. The gauge of wire is not important and any gauge from 14 to as thin as 24 can be used. The wire can be coated (insulated) or bare. Remember, however, if you use bare (un-insulated) wire insure that at no time does the wire come into contact with any material that is made of metal or other conductive material. Coated or insulated wire is easier to work with and is preferred by many DX'ers.

INDOOR WIRES

If you are restricted to the indoors, run the wire around the room at ceiling level. You can even make two or three turns around the room you are in. If you use bare wire you must make sure the turns do not touch each other anyplace on their run. Do not worry about keeping the wire straight across the room. Going around is fine and will not harm reception. You can run a wire in the attic and feed it to the radio listening area also. The same rules apply as they do to other indoor wires. You can zig-zag the wire back and forth across the attic moving it over as you go across the attic area. This can give you quite a long antenna without the neighbours knowing it is there.

TEMPORARY OUTDOOR WIRES

Should you live in an apartment or town house, you can hang a wire from your balcony and just let it drop as far as is safe. If you have no balcony you can hang it out any window close to the radio. Make sure you keep the end at least 10 feet above ground so nobody gets tangled up in it. A fishing weight tied to the end will keep it from coiling up, and light wire 18-24 gauge is best for this type of antenna that you can reel in when you are finished listening. You can even use a Slinky Toy as an antenna. Make sure it is metal version of this popular toy. Hang it out the window with a feed line attached to your radio and one end of the Slinky. Once again a weight at the end can help stretch out your "antenna".

PERMANENT OUTDOOR WIRES

When you are putting a longwire outside on a permanent basis, try to keep it as high as possible and clear of any obstructions. **ALWAYS STAY AWAY FROM OVERHEAD WIRES!!** These can be the end of your receiver and you if they come into contact with your antenna. You can run the wire from the house to a garage or tree at the far end of the yard. You can attach a small mast to the fence to raise your antenna, but if you do not have this option, running a wire along the top of a fence to keep it out of sight will do fine. Once again, straight is not a must, and if you have trees in two or three corners, use them to make an L or U shape. Outdoor wire should be of a heavier gauge, 14 to 18 gauge, and once again coated wire is easier to work with. A caution about using trees. If you do use a tree, make sure you leave enough slack on the wire so when the tree moves you wire does not snap. One way it help with this problem is to use a spring so that the spring will stretch as the tree bends. The spring is fitted securely to the tree, and the antenna is secured to the other end of the spring.

FEEDING YOUR LONGWIRE

You can attach the longwire directly to your receiver if there is a proper connector for it but it is best to use a coax feed where possible. Even an indoor wire can be fed with a coaxial cable to help cut down on man made interference that your longwire will pick up. For an outdoor antenna, running a coaxial feed from the outside is best, but 10 feet or more in the house is still a big help. If you have a receiver that has a simple audio type plug you can attach the coax to it and then plug in the antenna. If there is a proper coax plug on the receiver use this with coax. For the most part receivers prefer coax that is 50 to 75 ohms. The coax you buy will be so marked, or ask the sales person for this type of coax. On a longwire you need only use the centre conductor and ignore the shielded material. Attach

the wire from your antenna to the center wire of the coax lead in only. You can peel the braid back and tape it up so it does not touch the antenna wire. You can attach the shield and center wire to the jack/plug you use at the radio for best effect. If you are using a small mini jack, it is okay just to use the center feed from the coax and ignore the braid by taping it back out of the way. Insure, however, that the shielding and the centre conductor of the coax do not touch or short out. This is not so much dangerous as it does cut back on signal strength.

SAFETY

As mentioned, never let your antenna touch any conductive material, and keep away from power lines inside and outside. If you are using a longwire antenna there is one other risk to be aware of:static. Static electricity can build up on an antenna at any time and any place. Insure once you are finished listening that you unplug the antenna. Before using the antenna it never hurts to tap the connector or end of the wire that you are going to attach to the receiver with a screwdriver or other metal object to bleed off static. Also to be safe, never use an outside longwire in a thunderstorm or snow storm. Both types of storms will generate a lot of static and a lightning strike in your area even if not close by can throw up enough static to cause serious damage to a receiver. Snow will also build up static as it blows across your antenna. You can add an anti-static device between your antenna and the receiver to be sure all is well. I highly recommend you do this as receivers are so expensive these days. There are several varieties around that you can purchase, or there are plans available for home made units.

HEIGHT

The height should be as high as possible and still let you put it up safely. There is no right or wrong height for a long wire. Mine is attached to the peak of my roof about 20 feet and the other end to a mast 17 feet up. If you can go higher then that is OK if not that is good too. Some people put them up higher because they can do it with what they have available to them...a tree... a taller house etc. The best rule to follow is to be a couple of feet above whatever is underneath..like my roof. Try to keep the wire in a free air space not too close to anything especially metal.

Bits and Bites from the NRC listserv:

From: Bill Harms <philcobill@verizon.net> Subject: New Toy This past week a new toy, a Sony XDRF1HD HD Radio Tuner arrived in my radio shack. For the past couple of days I have had a chance to play around with it. I already like it. With it, I am able to tune the first adjacents on FM. AM seems okay enough, but it does suffer a little bit from overload. Last night I tried it out on several IBOC stations in this part of the country. It was able to decode at least five different stations that were received by sky wave. WBZ was the easiest of the bunch. This evening I managed to decode WOR for about one minute. So it is possible to "DX" decoded IBOC signals, as challenging as it is. As I have some time, I will write a more comprehensive report. Bill Harms Elkridge, MD

This month's DX Tool Box web site is:

The DX Tests Info

The site is located at:

<http://www.dxtests.info/>

You will find the latest DX tests on the AM band as well as "noteworthy special broadcasts on the shortwave bands" at this site. The site contains listings on upcoming tests some of which happen on short notice so check the site often during the DX season. There is even a count down clock for the tests so you can see how many days hours and minutes until the test is held. Each test has the information in regards to station date time and what you might hear during the test. There is also info on how to get a QSL or Verie if they are being offered. I am sure you will find this site a great help in your DX'ing activities as These DX tests are a great way to catch a new one.

73 for this time Shawn Remember On A Clear Day You Can Hear Forever

NEW!!! IRCA Slogans List (Winter 2008) NEW!!!

This season's update of the IRCA Slogans List is ready!! This revised Slogans List includes radio slogans from the US, Canada and Mexico (over 4000).

Prices: NRC/IRCA members - \$6.00 (US/Canada/Mexico/sea mail), \$8.00 (rest of the Americas/ Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA members - add \$1.00.

To order from the IRCA Bookstore, send the correct amount in USA funds (payable to "Phil Bytheway") to:

IRCA BOOKSTORE - 9705 MARY NW - SEATTLE WA - 98117-2334 (PayPal e-mail: phil_tekno@yahoo.com). Please state club affiliation when ordering.

As AM signal fades, Europe moves hesitantly to digital radio

By Eric Pfanner, The New York Times - January 11, 2009

During World War II, when Nazi propaganda ruled the airwaves in the Third Reich, the 215-meter radio tower near Beromünster in Switzerland was a beacon of independent information to German speakers in Switzerland and beyond.

Radio Beromünster, the AM signal broadcast from the transmitter, may have defied the Nazis, but it was unable to resist the march of technology. Last month, the Swiss public broadcasting organization shut down the station and moved its last remaining program, a Swiss folk music show, to a new channel on digital radio.

"We think it's an old technology," said Ernst Werder, digital project manager at the Swiss broadcaster, referring to AM radio. "It is time for radio to be digital."

Radio has lagged behind television and even newspapers in making the jump from analog to digital distribution. Now, in small steps like the one in Switzerland, the transition is gaining momentum. But it has not always gone smoothly, and some analysts are questioning whether it is even necessary.

Backers of digital radio point to a number of benefits. The sound quality is often clearer, without the crackle and hiss of analog transmission. Digital broadcasts take up less of the airwaves, allowing more channels to be broadcast. And the sets can be given nifty features like buttons that "tag" music, so that listeners can buy it directly from digital music stores. Some digital radios can pause and rewind programs, and broadcasters are working on adding still images like weather maps.

Features like these, said Anthony Sethill, chief executive of Frontier Silicon, a London-based designer of chips for digital radios, could make radio cool again. Young people, he said, "want a multimedia experience" - so they often prefer their iPods, which Apple so far has refused to equip with radio receivers of any kind.

Digital broadcasts are already available across many parts of Europe, the United States and Japan. Australia plans a big rollout in May, and Germany is also expected to announce plans soon. But so far only one country - Britain, where about eight million people have bought the new receivers - has seen widespread consumer adoption. And even there, while the publicly financed BBC has championed the new technology, some commercial broadcasters have recently backed away from it, preferring to focus on FM transmission and the Internet.

Complicating matters is a battle over competing standards, with the United States, Britain, Japan, France and Australia all adopting separate digital radio technologies.

"This should have been resolved by now," said Mark Mulligan, an analyst at Forrester Research.

Instead, "it will be another 5 or 10 years before it's even clear what the European standard will be."

To try to restore the sheen in Britain, where digital radio has been broadcast alongside FM and AM since 1995, a panel of experts recommended last month that the country begin switching off the analog radio airwaves around 2017. If the government were to endorse such a target, radio executives say, broadcasters and consumers alike would convert - as they have done with digital television, as the days of analog have become numbered.

"There's no question digital radio is a transition that is going to happen," Hossein Yassaie, chief executive of Imagination Technologies in Kings Langley, England, which makes digital radios and broadcast equipment. "With the 2017 date suggested, it highlights that everyone needs to be thinking about this."

While the shutdown of Beromünster leaves only one AM transmitter in Switzerland, serving French-speaking parts of the country, several other European countries have gone further, ending AM broadcasting entirely. Ireland did so last March; Austria followed suit at the end of the year. But cutting off FM broadcasts is not an option anywhere, because too few consumers and advertisers have made the switch.

Even in Britain, digital broadcasts account for only about 12 percent of radio listening, according to Rajar, an audience measurement bureau. These broadcasts collect only 2 percent or 3 percent of radio advertising spending, said Howard Bareham, investment director for radio at the British unit of Mindshare, a media-buying agency.

"It's very hard to make money from digital radio stations in the best of times," he said.

And these are not the best of times. Radio advertising will fall 3.5 percent worldwide this year, according to Group M, the parent of Mindshare. Considerably steeper declines are expected in some markets, like the United States and Britain.

Still, interest in digital radio is on the rise again for several reasons - one of them a recent investment by Apple in Imagination Technologies. Apple spent a mere £3 million, or about \$4.5 million, to buy a 3.6 percent stake in the company. But the move prompted speculation that Apple might decide someday to add digital radio capabilities to its iPods or iPhones. Apple, which already uses Imagination Technologies chips for other purposes, declined to comment on the investment.

Digital radio networks are also expanding. Australia, which has invested more than 400 million Australian dollars, or about \$285 million, in the development of digital radio, plans to start broadcasting digitally to more than 60 percent of the country's population May 1, using a new technology called DAB-Plus, an upgraded version of

the system in use in Britain.

"This will be the biggest radio event, not just in Australia, but in the whole world, since the introduction of analog radio," said Graeme Redman, managing director in Australia for PURE, the name under which Imagination Technologies' radios are sold.

Supporters of other new radio technologies have made similar claims. Sirius XM Radio, which delivers radio programming to North American subscribers by satellite, has attracted about 19 million paying customers. But it generates only tiny amounts of advertising and has never delivered a profit.

Satellite radio has struggled even to get off the ground elsewhere. Worldspace, a U.S.-based company that operates such a service in India and parts of Africa and the Middle East, has announced plans to enter Europe. But those plans are at a "standstill," said Benoît Chéreau, chief executive of Worldspace Europe, after the company filed for Chapter 11 bankruptcy protection in the United States in November.

Analysts say the appeal of paid-for radio might be undermined in Europe by the fact that free

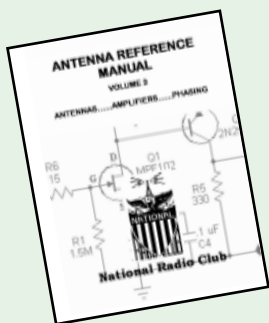
radio contains less advertising than in the United States, where many subscribers signed up to XM or Sirius to avoid the frequent commercial breaks on U.S. radio.

And European radio listeners looking for alternatives to their AM/FM sets already have other options. Satellite television services like British Sky Broadcasting, for example, include a range of radio channels in their subscription packages. Many radio stations are streamed over the Internet. Listeners can also download podcasts to portable music players.

Now fans of DRS Musikwelle, the Swiss folk music channel formerly beamed out from Bero-münster, are weighing those alternatives against the purchase of a digital radio. To help explain the options, the Swiss public broadcaster organized a party at the transmitting station, which is southwest of Zurich, last autumn. About 15,000 people attended.

"Many of them had their AM receivers for 50 years," said Andreas Notter, a spokesman for the Swiss broadcaster. "Explaining to them that they suddenly had to go out and buy a DAB receiver was difficult. It was an emotional issue."

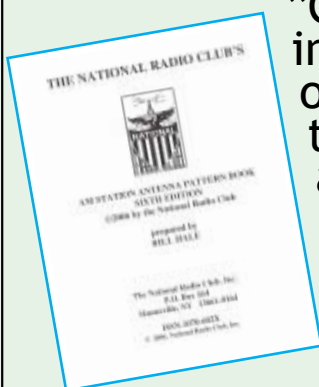
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