

DX News

Serving DX'ers since 1933

Volume 71, No. 15 - January 19, 2004 (ISSN 0737-1659)



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From the Publisher ... Please, please send those address updates BEFORE you send one to the USPS. Every week brings one or two more 70¢ charges from the USPS for address corrections. And your club pays for your not updating in time.

More useful information concerning X-band stations from Glenn Hauser: "There are several sources of info on x-band broadcast stations. Please let me know if I have missed any.

"For *New Zealand DX Times*, Tony King updates a list of US (and Canadian) almost every month, and I include it in *DX Listening Digest*. The latest is at <http://www.worldofradio.com/dxld3221.txt>

"Compare this to the other X-band webpages we know of: http://www.dxing.info/lists/x_na.dx

"<http://www.hard-core-dx.com/distance/x-band.htm#X-Band%20List%201610-1700>

"And there is another one, not just limited to broadcasters: <http://www.angelfire.com/mb/exband/index.html>

"Within the above, the broadcasters are here, not limited to licensed stations, but also carrier current, pirate 15, experimental, pirates, and applications and construction permits: <http://www.angelfire.com/mb/exband/na.html>

"Argentine list, compiled by Marcelo Cornachioni for *Conexion Digital*: <http://www.worldofradio.com/dxld4004.txt>

"Australian list for *Australian DX News*: <http://www.worldofradio.com/dxld4004.txt>

[/www.worldofradio.com/dxld3229.txt](http://www.worldofradio.com/dxld3229.txt)

"About KMMZ 1640 Enid OK only: <http://www.worldofradio.com/enid.html>"

DXN Publishing Schedule, Volume 71

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
16.	Jan. 16	Jan. 26	24.	April 2	April 12
17.	Jan. 23	Feb. 2	25.	April 16	April 26
18.	Jan. 30	Feb. 9	26.	May 7	May 17
19.	Feb. 6	Feb. 16	27.	June 4	June 14
20.	Feb. 13	Feb. 23	28.	July 2	July 12
21.	Feb. 20	Mar. 1	29.	Aug. 6	Aug. 16
22.	Feb. 27	Mar. 8	30.	Sept. 10	Sept. 20
23.	Mar. 12	Mar. 19			

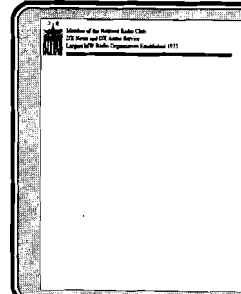
DX Time Machine

From the pages of DX News:

50 years ago ... from the January 16, 1954 DXN: Mike Ferguson, Houston, TX reported that, with the help of a small portable radio, he had located a bothersome noise that was radiated by high-voltage lines about 8-9 blocks from his home, evidently caused by an arc.

25 years ago ... from the January 22, 1979 DXN: Bill Hale, Rantoul, IL reported finding a TRF under his tree and found it to be an improvement over his Hallicrafters WR-600 for selectivity.

10 years ago ... from the January 17, 1994 DXN: Frank Wheeler, Erie, PA reported starting DX'ing in 1931 and added, "Everything I have is old: radio (an old S40 Hallicrafters, and old long wire antenna, most lying on the ground ... and a rather old DX'er, hi!"



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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 and listeners

CALL LETTER CHANGES

<u>Old call</u>		<u>New call</u>	
720	WGSE	GA	Hogansville
830	KPLS	CA	Orange
950	KCCO	MN	St. Louis Park
1050	KDRK	WA	Dishman
1250	WKSI	OH	Washington Court House
1290	WJBR	DE	Wilmington
1450	KTZR	AZ	Tucson
			WVCC
			KMXE
			KSNB (now "Sports 'n' Business")
			KEYF (is now oldies // KEYF-FM 101.1, Cheney)
			WCHO
			WWTX (now "The Ticket" and affiliated with Fox Sports)
			KWFM (as "Cool 1450 AM" with an oldies format)

CPs ON THE AIR

1240 WITH MD Baltimore - Reported to be in operation from a new transmitter location: N39-18-50 W76-36-01. Still U1 1000/1000.

GRANTS FOR NEW STATIONS

1340 W WV Welch - New station granted a CP for U1 1000/1000.

GRANTS TO EXISTING FACILITIES

1240 WFOY FL St. Augustine - CP covers the erection of a new 400' tower at a new location, and reduced power levels. When built, will become U1 580/580.
1360 KHNC CO Johnstown - CP granted to increase day and night power levels to become U2 10000/450.
1620 WBUB FL Gulf Breeze - Granted CP to move from Atmore, Alabama with U1 10000/1000 at N30-26-12 W87-13-13 (note new transmitter location).

APPLICATIONS FROM EXISTING FACILITIES

590 WCAB NC Rutherfordton - Applies to raise day power to become U1 1000/228.
910 KIYU AK Galena - Applies to increase day and night power to become U1 12500/12500.
1010 KIQN UT Tooele - Applies to raise night and CH powers to become U8 50000/132 CH 30000 from new 2-tower site.
1060 WKRE NC Monroe - Applies to increase day power and add CH operation. Would become D1 4000/0 CH 2400.
1270 WNLS FL Tallahassee - Applies to raise day power to become U4 50000/5000.
1280 WGTX FL De Funiak Springs - Applies to raise day power to become U1 9000/46.
1310 WDKD SC Kingstree - Coordinate correction to N33-42-12 W79-48-58.
1340 WMSA NY Massena - Applies to increase their tower height from 346' to 373', and decrease day and night power to become U1 910/910.
1470 WNAU MS New Albany - Applies to raise day power to become U2 2500/500.
1510 KROB TX Robstown - Wants to relocate their transmitter site using a new 170' tower vs the old 200' model. Remains D1 500/0.
1560 WTKN AL Daleville - Applies to increase day power to become D1 50000/0 CH2500.
1570 KSXT CO Loveland - Applies to raise day power to become U1 7000/18.
1600 WXYM VA Saltville - Wants to add one new tower, increase day power, and add night operation. Would be U4 10000/100.

ENGINEERING AMENDMENTS TO CONSTRUCTION PERMITS SUBMITTED

1140 KNEI IA Waukon - Currently licensed for D1 1000, they have a pending Application for U1 1700/30, but this amendment is for U1 530/26.
1450 KCIK CA Blue Lake - New station, not yet on the air, has a CP for U1 250/250. This amendment is for a change in transmitter location, which may mean they don't yet have a tower up. Don't look for them soon!

APPLICATIONS FOR RECONSIDERATION

1560 KILE TX Bellaire - Has asked for another look at their application for U4 50000/10000 from a two-site operation.

AMENDMENTS TO APPLICATIONS FOR NEW STATIONS

1590 K NV Las Vegas - Applicant wants to change parameters from U13 10000/800 CH 10000 to U4 10000/800 (no CH).

LICENSE RENEWALS GRANTED

820	WXTR	MD	Frederick	1190	WHIY	AL	Moulton
840	WBHY	AL	Mobile	1400	WHBS	GA	Moutrie
960	WLPR	AL	Prichard	1600	WEUP	AL	Huntsville
980	WAAA	NC	Winston-Salem	1700	WEUV	AL	Huntsville

CANADA THIS WEEK

1450 CKYR AB Jasper - Will be moving to 95.5 MHz with 95 Watts.

ODDS AND ENDS

- o WKJN-1440 Carbondale, Pennsylvania has returned to air. They were off due to transmitter failure(s). New management was to take over January 4 or thereabouts (with their FM on 94.3 and WAZL-1490/WNAK-730 in the deal). Going the other direction, WJJT 1540 Jellico, Tennessee and KSWD-950 Seward, Alaska have been reported to be silent.
- o KVLH-1470 Pauls Valley, Oklahoma (listed as silent in the AM Log) has been logged with full ID and as being // KIXO-FM Sulphur, Oklahoma. On with AC format and CBS News. Yes, you may edit your Log.
- o WAUR-930 Sandwich, Illinois has been sold to Starboard, which runs the "Relevant Radio" (Catholic) format. Can we expect a format change here??
- o Thanks, and a tip of the old AM Switch bowler hat go to Perry Crabill, Russ Edmunds, Wayne Heinen, Dave Schmidt, and Tim Noonan.

KGGF THE VOICE OF THE
MADRID CIRCLE
COFFEYVILLE, KANSAS - 67337

GRAVEYARD DX UPDATE

Remember all the GY DX records are on line at: www.angelfire.com/tx2/phantom2/index.html

1230 khz:									Miles
WANO KY Pineville	John	Vervoort	The	Bronx,	NY				599

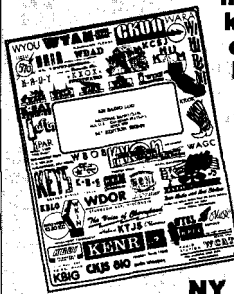
Totals:	1230	1240	1340	1400	1450	1490	Total
Les Rayburn Helena, AL	6	6	11	3	3	3	32

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Domestic DX Digest

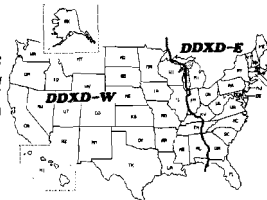
West: Harry Helms ak6c@earthlink.net

1901 Rio Canyon Ct. #205 · Las Vegas, NV 89128-2708

East: Ginnie Lupi ginnie@nrddxas.org

PO Box 4014 - Clifton Park, NY 12065-0850

(Division line is
between East and
Central time zones)



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

DDXD-West

RANDOM STUFF

- Great turnout this time for the frequency challenges! Next up are 1030 (loggings due January 14), 1040 (loggings due January 21), and 1120 (loggings due January 28).
- As Kevin Redding's daytime logging of KSL-1160 shows, this is the time of the year for skywave propagation during the daytime. If you have a channel that is normally empty during the day at your location, give a listen in the next few weeks. . . . you may hear something rare! Daytime skywave DXing is one aspect of AM DXing where those of us out west, especially west of the Rockies, have a real advantage over our east coast friends.
- A great turnout this issue from new and regular contributors, and your loggings are welcome for the next issue! Please follow the format you see below, including *all* pertinent information—frequency, call, state, city, date and time of reception, and details of your catch. Please use ELT for all times, regardless of your local time zone.

REPORTERS.

CR-IL **Christos Rigas, Wood Dale.** Drake R8, Quantum QX Pro loop.
 JEL-MO **Jefferson E. Lewis, Kansas City.** Sony ICF-2010, Select-a-Tenna. (Welcome!-Ed.-NV)
 JJR-WI **John J. Rieger, South Milwaukee.** Icom R75, GE Superadio III, Kiwa loop, MFJ-959B.
 JSM-BC **Steve McDonald, Mayne Island.** Icom R75, 10-foot loop, 450-foot NW-SE "minibeverage."
 KDF-IL **Karl D. Forth, Chicago.** Drake R8, Hammarlund HQ160, Quantum loop. (Welcome, old friend!-Ed.)
 KR-AZ **Kevin Redding, Mesa.** Kenwood R-1000, 60-foot wire, CC Radio.
 MG-ID **Mark Griffin, Boise.** CC Radio Plus.
 MS-MB **Morris Sorenson, Winnipeg.** Hammarlund HQ150, Grundig YB-400, Space Magnet-2 loop. (And welcome to another long-time AM DXer!-Ed.-NV)
 PG-CO **Patrick Griffith, Westminster.** Drake R8, Kiwa loop.
 SA-MB **Shawn Axelrod, Winnipeg.** Drake R8, Icom R75, 4-foot loop, Quantum loop, 155- and 100-foot wires, MFJ-1026 phasing unit.
 SP-WI **Sheryl Paszkiewicz, Manitowoc.** Sony ICF-2010, Select-a-Tenna.
 WH-CO **Wayne Heinen, Aurora.** "Drake R8B N/S flag and a E/W flag (between the Honey Locust & Aspen trees,) SuperPhaser I, I and a few random wires & QuickRecorder on the PC." That's what the man says; I report, you decide. (Ed.-NV)
 Ed.-NV **El DXisto Gigante, Las Vegas.** Drake R8B, Sony ICF-2010 w/Kiwa filters, Quantum loop & phaser, style, grace, wit, and charm.

FREQUENCY CHALLENGE RESULTS—880 and 890 kHz

880 **CHQT AB Edmonton.** 12/31 0900. Taped. Ending song "I can see clearly now" with "Joes AM 880 News" slogan and Edmonton area news and weather. Their format appears to be an Adult Contemporary and Oldies format (AC/OLD) not the AC listed with M Street a few months back. (WH-CO)
 890 **CJDC BC Dawson Creek.** 1/2 2230 with Ft. St. John Huskies vs. Jr. Canucks hockey; numerous IDs. WLS nulled with loop. (JSM-BC)
 890 **KDXU UT Cedar City.** 1/7 0105. ABC News then ID and into Rusty Humphries Show with Rusty mimicking the voice of the Prince of Darkness, ol' Scratch himself. It was in a terrible mess and CX were very bad this evening. (KR-AZ) 1/7 0108-0120. Talk show with "Rusty." Topic of new Twin Towers memorial structures. He believes these are a sign of American cowardness: America needs heroes. (But America has me, Mark! Ed.-NV) Sponsors were Midwest Insurance and Ameridebt. Reception varied between fair and good. (MG-



ID) 1/3 0100 w/ news and into Rusty Humphrey show; "Newstalk 890 KDXU." On mini-beverage with WLS gone / SS under, probably KVOZ Laredo, TX. (JSM-BC)

890 **KQLX ND Lisbon.** 12/31 1356. Good with weather, "Farm Forecast," agricultural news from Red River Farm Network, ID on hour also mentioning FM on 106.1. (MS-MB)
 890 **WLS IL Chicago.** 12/31 2250. Good with talk show, Chevy dealer ad, ID as "News/Talk-890, WLS." (MS-MB) 1/2 2314 with call-in talk show; news, ID at BOH, "Newstalk 890 WLS"; dominating on mini-beverage. (JSM-BC)

UNID & HELP REQUESTED

1040 **UNID ??** ??? 1/7 0250. Poor-fair on fades in WHO null. At :50 "?????"- Inspiration Radio" jingle was played. Positive of slogan. Check of "Inspiration Radio" notes it's carried on CKST-BC. CKST "Team1040" prog sked goes from 6am-11pm, thus are they Sporting News overnight or Inspiration Radio? My guess is SNR. Stumped! (JJR-WI)

STATION NEWS, CHANGES, ETC.

1470 **KVLH OK Pauls Valley.** 1/2 0600. Female Vocal ending with ID "FM KIMO Sulphur, AM KVLH Pauls Valley 1470, a broadcast service of DFWU" and CBS News. *This silent station has returned.* (WH-CO)

TIS, HAR, ETC.

1610 **HAR WI Milwaukee.** 12/29 0500. Poor signals fading in and out with loop announcement by woman. In last 3 days before sunrise. (SA-MB)

REGULAR DX LOGGINGS (times in ELT)

530 **CIAO ON Brampton.** 12/30 1825. Fair with multicultural (Italian?) talk, some English in ads. Slogan is "ciao," pronounced as "chow." NEW! (MS-MB)
 580 **WIBW KS Topeka.** 12/31 0622. Fair @20/9 w/nx, calls. Never in this well. (JJR-WI)
 580 **CKY MN Winnipeg.** 12/31 0617. Poor but atop freq. "All Oldies KY58" promo, ads. (JJR-WI)
 590 **CKRS PQ Junguere.** 1/7 2039. Presumed heard with live play-by-play of a sporting event in the French language. No ID heard, so only presumed. Only FF language Canadian station listed in the AM Log. (CR-IL)
 610 **KVNU UT Ogden.** 1/4 0000. ToH ID and ABC News. Another ID at the end of the news and into Art Bell. Quite rare here but still a relog. (KR-AZ)
 640 **WCRV TN Collierville.** 1/6 1756. Fair with religious talk and ID as "The mission of Christian radio, WCRV." Only the second time I've heard them here. (MS-MB)
 660 **WXIC OH Waverly.** 12/29 0732. Country gospel, ID, weather, devotions. NEW. (SP-WI)
 670 **KIRN CA Simi Valley.** 1/6 0235 playing Arabic/Iranian music. Rarely heard here. The music had the sound of prayer being sung. (KR-AZ) I hope Tom Ridge is keeping a close eye on this station! (Ed.-NV)
 750 **CKJH SK Melfort.** 1/7 0745. Poor but nice, steady signal w/"CK-750" non-ID and OLD. Female anncr. At :46, WNDZ "Portage-Chicago" signed on. (JJR-WI)
 800 **CHAB SK Moose Jaw.** 1/7 0743. Poor with regional weather after 80s oldie, calls. No CKLW. (JJR-WI)
 800 **CKDR ON Dryden.** 12/31 0600. Poor; Broadcast News, wx. No CKLW at all! Calls at :05. (JJR-WI)
 810 **WEKG KY Jackson.** 1/4 0654. Poor w/calls then faded out. C&W. (JJR-WI)
 850 **WYLF NY Penn Yan.** 12/31 0549. Poor with calls, NOS way u/KOA. Steady. (JJR-WI)
 870 **KPRM MN Park Rapid.** 12/28 0809. C&W, Park Rapids Weather Forecast, ad for Frizzell Furniture Gallery, "Country Legends on KPRM" ID. (SP-WI)
 880 **CKLQ MB Brandon.** 12/31 0546. Fair; strong in WCBS null. Calls, C&W mx. (JJR-WI)
 980 **WITY IL Danville.** 1/4 0636. Poor w/calls. No WCUB, WONE at all. NOS (WW1). (JJR-WI)
 1020 **KOIL NE Plattsmouth.** 1/4 1750. Fair with "Coil Country" slogan, country music, NE mentions. Relog. (MS-MB)
 1160 **KSL UT Salt Lake City.** 1/6 1241. Iin for the first time ever during the day. Could make out the ID jingle and a talk show in progress. Very stable but weak signal. (KR-AZ) Daytime skywave is pretty cool! (Ed.-NV)

6				
1280	WGBF	IN	Evansville. 1/4 0630. Poor o/two UnID NOS stations w/calls into ads. (JJR-WI)	
1300	WOOD	MI	Grand Rapids. 12/31 0533. Poor but clear w/calls, news. Not common because of usual WRDZ. (JJR-WI)	
1360	KFIV	CA	Modesto. 1/2 0000. Out of Rusty Humphries "A Clear Channel Station KFIV Modesto News Talk 1360 K-Five" ID to ABC News. New one for me. (WH-CO)	
1370	KSOP	UT	South Salt Lake City. 1/5 0154. "We're Utah's home for classic country, Gold Country, AM 13-70." (PG-CO)	
1370	KXTL	MT	Butte. 1/5 0227. "Southwest Montana's only Good Time Oldies station, 13-70, KXTL." (PG-CO)	
1380	KOTA	SD	Rapid City. 1/5 0134. "It's 11:34 with Newsradio 13-80, KOTA." Also reported current temperature as minus 6 degrees. (PG-CO)	
1410	WLAS	IN	Lafayette. 12/31 0644. Poor in fade up. "20 in a row 95.3 Wolf Country." (JJR-WI)	
1450	KYNT	SD	Yankton. 12/29 0400. Poor signals with ID on the hour. They may be NSP now. (SA-MB)	
1450	WLEC	OH	Sandusky. 1/1 1959. Poor with OH Buckeye football, legal ID in fade up. (JJR-WI)	
1470	KNXN	AZ	Sierra Vista. 1/1 1931. Briefly with REL TLK program slogan "Arizona's Good News Network." (WH-CO)	
1490	KDMO	MO	Carthage. 12/28 2120. Fair signals in a jumble with oldies and clear ID. (SA-MB)	
1510	KMSD	SD	Millbank. 12/30 1800. Fair with song "Game of Love" and then news from "Hometown Radio, KMSD." NEW! (MS-MB)	
1550	KAPE	MO	Cape Girardeau. 1/6 0734. Fair with calls, NOS. (JJR-WI)	
1550	KDCC	KS	Dodge City. 1/1 0900. Full data sign on to CNN Headline news. New for me. (WH-CO)	
1550	KKJY	NM	Albuquerque. 1/1 0901. "KKJY Albuquerque is Joy AM 1550 New Mexico's home of America's Best Music," "KJY Albuquerque" and more NOS music. New for me. (WH-CO)	
1560	KTUI	MO	Sullivan. 1/6 0712. Poor in WGLB null w/contest, calls, phone number. (JJR-WI)	
1580	WLIJ	TN	Shelbyville. 1/6 0706. Fair w/calls and weather at end of news. (JJR-WI)	
1590	WHLX	MI	Marine City. 1/5 0719. Poor; "here in Pt. Huron..." in mess. (JJR-WI)	
1600	WMQM	TN	Lakeland. 1/6 0802. Poor, "you're listening to AM 1600, your 50,000 watt....". At 0732, I heard same thing basically with four cities in TN mentioned. No ID heard IF they gave one. I'm counting it as there are no other 50000 GOS stations in TN, hi. Check of website shows "Family Bible Hour" was preceding show. NEW! (JJR-WI)	
1630	KKWY	WY	Cheyenne. 1/5 0118 in and out w/C&W music, KWY IDs, heard two weeks earlier at this time o/KCJJ. (KDF-IL)	
1640	KMKZ	OK	Enid. 1/1 2000. ID, mention of comedy and Oklahoma City, under WKSH but still fair to good. First time here. According to other reports, is directional with deep null toward Kansas City. (JEL-MO)	
1670	WMWR	GA	Dry Branch. 1/5 0128. Fair w/sports talk, WMWR ID. Usual dominant Madison was absent. (KDF-IL)	

DDXD-East

2004 Clear Channel Challenge Schedule


- 1040 kHz - Listen January 14 - 20, due January 21
- 1120 kHz - Listen January 21 - 27, due January 28
- 1160 kHz - Listen January 28 - February 3, due February 4
- 1180 kHz - Listen February 4 - 10, due February 11
- 1200 kHz - Listen February 11 - 17, due February 18
- 1210 kHz - Listen February 18 - 24, due February 25

REPORTERS

- MKB-ON Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200.
- SC-ON Saul Chernos, Burnt River - Sangean ATS909 and RadioShack Loop (too lazy to attach and bring in the longwires).

MC-NJ	Mike Clancy, Jersey City - DX-396.
MD-MA	Marc DeLorenzo, Marstons Mills - JRC NRD-525, Noise-reduced slopers, Mini DXP3 phasing unit, Quantum Loop.
JF-ON	Jeff Falconer, Clinton - AOR AR7030+, 130' east EWE / 130' west EWE or Drake R8B with 45' GAP vertical, MFJ-1026 phaser, etc.
JR-NY	Jim Renfrew, Byron - Drake R8, Quantum Phaser.
JR-NC	Jim Renfrew, Raleigh - Car Radio.
JR-MD	Jim Renfrew, Crownsville - Car Radio.
RR-NC	Rick Robinson, Hendersonville - Icom R75 with MWDX5 phasing controller, 3 BOG antennas and a Quantum QX Pro loop.
DT-JM	Don Trelford, Runaway Bay, Jamaica - Sangean ATS 818, NS long wire.
JV-NY	John Vervoort, Bronx - Grundig YB-400PE.
DY-DC	David Yocis, Washington - R8B, Kiwa loop.

CLEAR CHANNEL CHALLENGE - 890 kHz

890	WLS	IL	Chicago - 1/2 2224 - Promo, ID, into Sean Hannity show, usual good signal bothered only by usual Cuban. (DY-DC)
			1/3 0849 - in after local sunrise despite poor-to-mediocre conditions, with slogan "news talk 890 WLS", PSAs for identity theft prevention, March of Dimes, and the Joint Commission on Health Care Organizations. (MKB-ON)
			+ 1/3 1730 - "4:30 WLS Timesaver traffic." Chicago area traffic report. Heard all day long underneath WBAJ and WKNV. WLS becomes dominant immediately after WBAJ sign-off at 1730. Significant WLS signal boost everyday at 1745. (RR-NC)
	WFKJ	PA	Cashtown - 1/1 1659 - Religious programs from Moody Bible Institute, full ID for WFKJ and WRBG-107.9 Millsboro (DE), good. Daytime regular. (DY-DC)
	WBAJ	SC	Blythewood - 1/3 1727 - Sign off: "We end another broadcast day at 8-90 WBAJ Blythewood Columbia." Religious programming, shares the frequency here with WKNV and WLS underneath. (RR-NC)
	WKNV	VA	Fairlawn - 1/2 1630 - Gospel music and religious programming, very good in null of WBAJ. "WKNV Fairlawn, today's Southern gospel on Joy 8-90." (RR-NC)
			+ 1/3 0851 - presumed in WLS null with gospel tunes. Not needed, so I didn't care too much that they faded out with no ID. (MKB-ON)
	R. ProgressoCuba		- 1/3 1732 - presumed with SS music followed at 1800 by male SS announcer with many references to Habana and Cuba. Heard after WBAJ sign/off and WLS null. Fades away after 1830. (RR-NC)

DX TEST

1220	WRIB	RI	Providence - 1/4 0301 - Spanish religious music, talk by man, ID by different man in English. Fair in tight WHK null. (DY-DC) (Note - this was one of those "quickie" tests announced on the listservs via the web and posted way too late to make it into DX News - pls)
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PRESUMED AND UNID

540	CBTp	NL	Grand Falls - 12/31 1737 - Loud and clear alone on channel with CBC program "As It Happens", featuring 1940's jazz music. Network ID at 1800 "Here is the CBC News" - no local ID given. (MD-MA)
640	CBNp	NL	St. John's - 12/31 1740-1800 - Good atop channel with CBC program parallel to 540/750/990. (MD-MA)
740	WNOpp	KY	Newport - 1/4 1733 - EWTN religious program and network IDs, fair with NFL football on presumed (unneded) KRMG. CHWO faded in later. (DY-DC)
750	CBGYp	NL	Bonavista Bay - 12/31 1742-1800 - Fair, alone on channel with CBC program parallel to 540/640/990. (MD-MA)
990	CBYp	NL	Corner Brook - 12/31 1745-1800 - Fair battling WALE with CBC program parallel to 540/640/750. (MD-MA)
1060	WIXCp	FL	Titusville - 12/20 2130 - Station break ID as "... on 1060, ESPN Network",

			fair. (DT-JM)
1220	WHKp	OH	Cleveland - 1/2 2300 - presumed with the Fiesta Bowl. Isn't WHK a religious station? Signal fading in and out. (MC-NJ)
1240	WPJLp	NC	Raleigh - 1/2 1858 - Religious talk by woman with Southern accent, gave phone number 834-6401 which is in the Log for WPJL. (DY-DC)
1250	UNID	—	_____ - 1/2 1802 - station behind (and once in front of) ssemi-local WMTR, broadcasting the Peach Bowl with ESPN feed. Pittsburgh? (MC-NJ)
1270	UNID	—	_____ - 1/4 0014 - Very deep-voiced man with "directed by . . . WDLJ web site and the WJLD country. Well, right now this is . . . Don't Cry for Me Argentina," and then that song. No clue. (DY-DC)
	UNID	—	_____ - 1/4 0032 - Woman singing what sounds like "WPAF." Again, no clue. (DY-DC)
1450	WOCNp	FL	Miami Beach - 12/31 2208 - Religious music, either French or Spanish (readability too bad), interference from WSTU, poor. (DT-JM)
1490	UNID	—	_____ - 1/2 2025 - After repeated listens to tape, can't get more than ID for "AM 1490 and AM 1530(?), WTLG." Could be WDLG-NY, but who's the parallel? (DY-DC)
1600	WMNEp	FL	Delray Beach - 12/31 2125 - Disney network ID as "Radio Disney", poor. (DT-JM)

STATION LOGGINGS

580	WGAC	GA	Augusta - 1/1 2201 - Orange Bowl on ESPN, ID for WGAC and WGAC-FM 93.1 Warrenton (GA), good in WHP null. (DY-DC)
600	KSJB	ND	Jamestown - 12/28 0003 - weak but alone on west wire with classic C&W, ID "This is After Midnight on Classic Country, KSJB, Jamestown". Long time no hear! (JF-ON)
830	KOTC	MO	Kennett - 1/3 1726 - "The country you love, your kind of country, only on cotton country, 830 AM." Slogan matches. (SC-ON)
910	WABI	ME	Bangor - 1/3 1505 - weak but alone in CKNX/CHML splatter on east wire with weather, Anne Murray song. (JF-ON)
950	WXGI	VA	Richmond - 12/28 1628 - all over WWJ with C&W, ID "All American, WXGI" into a remote from a local church. (JF-ON)
980	WTEMp	DC	Washington - 1/2 1648 - presumed in lousy SSS conditions with U of Tennessee v. Clemson Peach Bowl game, apparently with Tennessee Volunteers play-by-play crew (quite biased towards the Vols!) (MKB-ON)
990	CKGM	PQ	Montreal - 1/5 0925 - dueling Rochester's WLGZ groundwave with PSA for safe snowmobiling, slogan and call letter ID: "Montreal's sports authority, CKGM, the Team 990." (MKB-ON)
1000	WIOO	PA	Carlisle - 12/28 1636 - bubbling up at times with C&W music, promo for "Country Countdown" show on New Years Day. (JF-ON)
	WRAR	VA	Tappanhannock - 12/28 1640 - over WIOO/WMVP with end of broadcast from Zion Baptist Church on "Rejoice AM 1000, WRAR", spot from Buick dealer in Tappanhannock, weather report. New, and another of my most wanted list! (JF-ON)
1090	KAAY	AR	Little Rock - 1/7 1755-1810 - loud with SS REL program, into USA News at top of hour with no ID, sports from ARN, into GOS music program. (JF-ON)
1100	WHLI	NY	Hempstead - 12/28 1549 - nice signal with old music and call letters, sun still high in the sky. (JR-NC)
1140	WRMQ	FL	Orlando - 12/20 2151 - Popular Latin American music, ID in English as "you are listening to WRMQ", fair. (DT-JM)
1150	KSAL	KS	Salina - 1/7 1830 - call ID heard over jumble. (JF-ON)
	WLOC	KY	Munfordville - 1/7 1845 - good with classic C&W music, promo for "Country Countdown", spot for Johnson Pontiac GMC. (JF-ON)
1200	CFGO	ON	Ottawa - 1/3 2347 - "Team 1200" IDs and sports talk, fair with WRKK, WOAL, WAGE, and others. (DY-DC)
1230	WANO	KY	Pineville - 12/30 2222 - "WANO" singing ID. Continued to hear an OLD format, however, not sure if it was from WANO. First time heard and longest-distance graveyarder from the Bronx. (JV-NY)
	WCOL	OH	Columbus - 1/2 2300 - Oldies music, man said "The songs you love, on the Columbus station that played them first," then sung "WCOL Columbus," good and atop channel. (DY-DC)

	WNEB	MA	Worcester - 1/3 2023 - End of religious program, ID for "Life Changing Radio AM 12-30 WNEB," good in GY mix. (DY-DC)
	WHUC	NY	Hudson - 1/3 2100 - NOS, ID by woman, "Thank you for listening to the Music of Your Life on 1230 WHUC Hudson," to CNN news. (DY-DC)
1240	WWCO	CT	Waterbury - 1/2 1800 - Ad for J.C. Penny, promo, "You're listening to the Talk of Connecticut, AM 12-40 WWCO Waterbury," into CNN news, atop channel. (DY-DC)
	WBES	WV	Dunbar - 1/2 1900 - Fox Sports Radio, ID "Fox Sports Radio for the capital city, WBES Dunbar-Charleston. (DY-DC)
1250	WEAE	PA	Pittsburgh - 12/29 2128 - "on Pittsburgh's number one sports station, ESPN radio twelve-fifty." Dominant alongside one or two UNIDs, probably WARE and WMTR. (JV-NY)
	WDVA	VA	Danville - 1/1 2303 - Sign-off announcement, mention of studios and offices "on Radio Lane here in Danville, Virginia," to return at 6 a.m. Good with WEAE. (DY-DC)
1270	WDLA	NY	Walton - 1/5 2215 - Good over everybody with "Unforgettable 12-70 WDLA" and NOS. (DY-DC)
	WLIK	TN	Newport - 1/4 0045 - OLD music, ID "The Smokies' Oldies WLIK," good with others. (DY-DC)
1280	WGBF	IN	Evansville - 1/1 2342 - With Orange Bowl on ESPN, promo to hear Rush "11 a.m. News-Talk 12-80 WGBF," good over WBZY, no sign of WADO. (DY-DC)
1320	WFHR	WI	Wisconsin Rapids - 1/3 1615 - poor over mess with promo for "Over The Fence, weekday mornings on WFHR, AM 1320", football scores from CBS. Rare. (JF-ON)
1330	WAEW	TN	Crossville - 1/2 0003 - A surprise with ad, legal ID by woman quite clear in the mix with WYRD, others. (DY-DC)
	WYRD	SC	Greenville - 1/3 1620 - good with "3 Day Doppler Forecast", ID "News Radio 1330 and 950 WORD". (JF-ON)
1370	KDTH	IA	Dubuque - 1/3 1235 - good at times even strength with WSPD with NOS music, weather, call ID. (JF-ON)
			+ 1/4 0905 - Several IDs, local ads and weather. Had NC here an hour earlier. (SC-ON)
1380	WWMI	FL	St. Petersburg - 1/2 0036 - Radio Disney, promos and contests, ID "AM 13-80 Radio Disney Tampa-St. Pete," good with CKPC nulled. No sign of WBTK, WKDM, or other usuals on this channel. (DY-DC)
1390	WNIO	OH	Youngstown - 12/28 1559 - "Corrina, Corrina" followed by ID: "you're listening to the Valley's original hits station, 1390, WNIO, Youngstown." First time visitor surprised me 35 minutes before sunset! Signal fair with fading and some slop from local WKDM-1380. (MC-NJ)
	WBLL	OH	Bellevue - 12/30 2241 - "on sportsradio thirteen-ninety WBLL." Poor, fading in and out. Possibly mixing with WNIO and WRSC in graveyard-like jumble. Log lists as 81 watts night ERP. New. (JV-NY)
1420	WKCW	VA	Warrenton - 1/3 1815 - "La Campeona" ID during Mexican music. 100000 Watts web page reveals it is WKCW. (JR-NY)
1430	WPLN	TN	Madison - 1/3 1659 - alone on west wire with ID "Nashville Public Radio, 1430 WPLN, Madison", into NPR News. Ex -WENO/WLQR for me. (JF-ON)
1440	WLWI	AL	Montgomery - 1/2 0100 - Rush promo, ID, into news, good and atop. (DY-DC)
	WJAE	ME	Westbrook - 1/3 1357 - faded up over mess with "Sports Radio 1440, WJAE" ID into SNR stuff. (JF-ON)
1460	WBET	MA	Brockton - 12/26 1845 - sports talk show about boxing and the Red Sox. Host sounded like Eddie Edelman from WEEI, spent a lot of time arguing with his co-host. Ads included Buckley Financial Group and Christos Restaurant in Brockton. Singing ID "WBET". Signal good/poor with heavy fading. New. (MC-NJ)
1470	WLOA	PA	Farrell - 1/5 2159 - "WLOA, your station for the rosary", new with these calls. I have buried in my files a QSL letter from the 1960s which states that I was their furthest report when I lived in CT (I'm sure that wasn't true). (JR-NY)

- 10
1480 WCLA GA Claxton - 1/1 2108 - Gospel music, mention of WCLA, poor. (DT-JM)
1490 WVGB SC Beaufort - 1/1 1856 - Fading in with clear ID by young person "WVGB 14-90 stereo Beaufort, South Carolina." At 492 miles, best graveyard reception from this location to date. (DY-DC)
- 1570 WFRL IL Freeport - 1/3 1314 - call ID over WWCK, NOS music. (JF-ON)
1590 WAKR OH Akron - 12/28 2317 - "fifteen-ninety WAKR, with Neil Diamond, 'September Morning'..." Weak to moderate and very fluttery. A pest in Brooklyn, but not so 20 miles to the north in the Bronx. (JV-NY)
- WRXB FL St. Pete Beach - 1/3 2108 - Gospel music ID as "you are listening to WRXB", fair. (DT-JM)
- 1620 WPAM NC Raleigh - 12/29 1652 - "talking house" in north-west Raleigh, Hastings Real Estate. (JR-NC)
- TIS, HAR
- 1630 TIS NC Raleigh - 12/28 1600 - RBC Center tape loop. (JR-NC)
- 1640 WQLS541MD College Park - 12/31 1632 - events and parking tape loop, and I may have the calls wrong since I was trying to drive rush hour traffic at the time. (JR-MD)



Not sure about renewing?

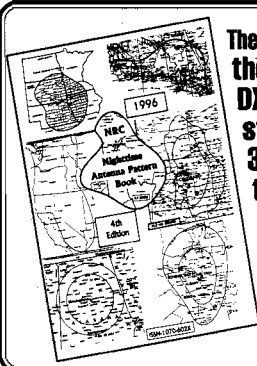
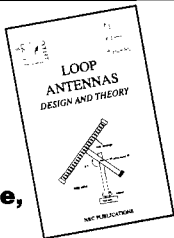
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International DX Digest

Bruce Conti nrcidx@aol.com
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Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Next Frequency of the Week DX Challenge deadlines; 1030 kHz - Jan 15, 1040 kHz - Jan 22, 1120 kHz - Jan 28, 1160 kHz - Feb 5, 1180 kHz - Feb 12, 1200 kHz - Feb 19, and 1210 kHz due Feb 26.

Frequency of the Week

890 CUBA *R.Progreso*, Chambas JAN 6 0223 - Chewing up nulled WLS with usual bombast commentary. Mentions of "45 años de la Revolución" and "la bandera cubana" (the Cuban flag). [Brooker-ON]

Pan-American DX

- 790 MEXICO XEFE *La Pura Ley*, Nueva Laredo, Tams - I had made up a word to describe what I heard on my tape in the Rio Grande Valley in October 2002, when I identified the slogan (with a question mark) as "La Úvale." Sources for the new *IRCA Mexican Log* give slogan as "La Pura Ley," which indicates my ears did well with the vowels but flunked with the consonants. [Callarman-TX]
- 900 MEXICO XEOK Monterrey NL JAN 4 0130 - Spanish announcer and English country western music from the '70s, playing "Thank God I'm a Country Boy," then Tom Jones, Shania Twain, Charlie Daniels and others. Used the slogan *La Bonita*. Lots of ads for Autotech. [Redding-AZ]
- 920 MEXICO XEHQ Hermosillo, Son JAN 4 0205 - Playing ranchera, but mostly banda. The slogan isn't "Lo Mejor" (the best) anymore. They are "¡La Explosiva!" now. [Redding-AZ]
- 940 MEXICO XEYJ Nueva Rosita JAN 4 0215 - A variety kind of music show and a strange norteña version of "Somewhere My Love" (Theme From Dr. Zhivago). Believe me, it was different. They were playing some older music but not real old. [Redding-AZ]
- 1030 MEXICO XELJ Lagos del Moreno, JAL JAN 7 0152-0210 - I've tried to get full ID several times on XEMPM Radio Fama here, but this night found quick production slogan after music ended, leading into time check, soft-voiced man over music, commercial string, including a "secretaria" PSA, slogan "Ke Buena-AM," and introduced next song as "La Ultima Canción." That turned out to be the title of the song, but it was also the last song before the news. Pips at precisely 0200 led to quick announcement that I couldn't catch, then man and woman alternated with newscast, with short four-note music between stories. At 0202:30 had bullets and fanfares for proud promotion of "Noti-sistema" news presented by "un grupo de profesionales" and included mention of international news from *BBC Londres*. More news, another production spot at 0205, a secretaria PSA, then "deportes," the sports report. At 0208 closed the *Noti-Sistema* news and at 0208:40 had full production ID with lots of electronics and overlapping male voices: "Esta es XELJ (singer) [something] mejora, en el kilometro doce punto... mil wats de potencia... studios y oficinas... Moreno... número 262... número mil-45... en mil treinta AM... La Ke Buena, una emisora de la gran cadena internacional Ke Buena." Then had slow Morse code K-A-U. Continued with man talking. (I had heard "XE-J" 2354-2358 on DEC 24, but couldn't pull it out then.) New, Mexican number 134 here. [Callarman-TX]
- 1160 MEXICO XEBE Perote, Ver JAN 6 0257 - Two stations in KSL null; music ends 0258:30, short musical bridge, deep-voiced man begins what appeared to be sign-off announcement, and I was able to pull out "Veracruz" and "XEBE" from the tape. Mexican national anthem, the female choir version, began at precisely 0300 (later than I had heard it a couple of weeks earlier) and ended 0302:14, leaving XEJV. I could not discern the slogan, for XEBE. Thanks to Bruce Winkelman for this one. I'll keep going after clearer tape, though. [Callarman-TX]
- 1180 MEXICO XEDCH *Romantica 1180*, Cd. Delicias Chih DEC 23 0357 - Thought I had a day-time powered domestic when I heard country oriented song, in English, "Stumbling In" well atop channel. Very brief announcement, though, by female in Spanish, then "Yesterday," the Beatles song, sung in English, but by some unknown male vocalist, not the Beatles. This was followed by full ID, strong, by the lady announcer, but with a bit more information than John Wilkins reported. Gave power as "cinco mil wats de potencia," an increase over listed 1000, and gave several phone numbers including 4-74-11-60 plus the Lada, Mexico's equivalent to the area code. First solid, full ID on this one I've been chasing for months. [Callarman-TX]

- 12
1280 **PUERTO RICO** WCMN Arecibo DEC 24 1713 - Fair; talk show in Spanish, ID as "Radio Grande, Arecibo." [Trelford-JMC]
- 1400 **GRENADA** Harbour Light of the Windwards, Carriacou DEC 27 2019 - Religious talk show, time pips, poor. [Trelford-JMC]
- 1460 **COLOMBIA** HJVH R.Grande, Barranquilla JAN 1 1947 - Fair; religious talk in Spanish, Colombia and Radio Grande mentioned. [Trelford-JMC]
- 1510 **DOMINICAN REPUBLIC** HIBL R.Pueblo, Santo Domingo JAN 3 2000 - Fair; popular Latin American music, ID as "Santo Domingo, Radio Pueblo." [Trelford-JMC]
- 1590 **MEXICO** XEVOZ Bonita, México DF JAN 7 0228-0303 - Had program of old-style Mexican ballads, ranchero flavored but bigger orchestra, with nearly operatic caliber male and female vocalists. Variations of production slogan between each song "Quince Noventa AM, Bonita, Con La Música..." I could follow the thread for 35 minutes, readable at peaks, then dipping into the mud. Long, austere baritone vocal ended at precisely 0300, followed immediately by "XEVOZ 15-90 AM con (?) mil wats (sounded like treinta but suspect it was veinte) de potencia... Bonita," but was barely above the jumble. Unusual reception. I've tried for this one many times after taping a similar slogan ID three years ago when it popped atop, but only briefly. I'll keep trying for better top of the hour ID. [Callarman-TX]

Callarman speaks: I'm hoping I can cram some knowledge about Latin American music into this old skull so I can do a better job of identifying the songs I'm hearing, or at least the style of music. I've done a little web-searching for some of the artists listed in the Billboard year-end charts, and found a reference on Amazon.com to the availability of a used copy of "The Billboard Guide to Tejano and Regional Mexican Music," compiled by San Antonio newspaperman Ramiro Burr. It arrived in today's mail and it's a comprehensive history of the artists (as of 1999) and the musical styles. The volatility of the market is such that only about 15 percent of the artists on the year-end Billboard chart are covered.

Transpacific DX

- 1575 **THAILAND** VOA Ayutthaya JAN 1 1154 - Tuned in to 1200 VOA Burmese program parallel 9890 kHz, very good level but weakened before top of hour. 1200-1203 woman speaking but too weak to determine language. In the past I have heard VOA News Now in English at that time. + DEC 23 weak audio parallel 9890 kHz at 1152. Woman speaking 1201. Note that only the VOA Burmese program is parallel 9890 which is blocked by R.Netherlands carrier coming on about 1156. Local sunrise here is 1216 now. The window for this one is rapidly closing as I have rarely had audio after JAN 15. [Moore-FL]

Moore speaks: December continued a very poor DX season with almost no TP carriers except for 1575.

Alphose Tobia speaks: A number of stations on 560 as well as 550 / 570 out in the west and southwest have put a complaint into the FCC as well as Mexican and International Radio Authorities regarding the assignment now on the air on 560 in Tecate, Mex. I was told this station operates with 20kw day and 10kw night, non-directional both day and night. In SF area I can hear station behind KSFO 560, while I am in KSFO's null KSFO still has a strong signal being a local and the Tecate station is in there most of the time in background... weak but audible. (sent directly to the publisher -pls.)

Contributors

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Feedback

MEXICO: "Browsing the web I found that you heard our radio station, 'W 1420 La voz del Bajo Bravo,' we also call it *Radioformula W1420*. We are located north of México across the border from Brownsville, Texas, and this year is our 50th anniversary. I will be happy to give you more information." - Lic. Emilio Cárdenas Gutiérrez, Director, Radiodual S.A. de C.V. <ecard@xeewradio.com>

73 and Good DX!

Bandscan from Santanna Beach Hotel, La Romana, Dominican Republic

October 18 - 23 by Don Trelford

The bandscan was taken from my hotel room, about one hour drive east of Santo Domingo, on the south coast. The rooms are about six to a building, and the buildings are only two floors high, hence very little electrical noise. A very great thanks goes to César Objío, who came to the hotel for a day and helped me in a rescans of what I thought I heard and what was actual. Receiver used was a Sangean ATS-818, with a tape recorder built in. This was very helpful in confirming station IDs.

Freq	Country	Callsign/Name	Location	Time
530	TURKS & CAICOS	R.Visión Cristiana	South Caicos	0645
540	Dominican Rep	HICM Radio ABC	Sto Domingo	0650
550	VENEZUELA	YVKE Mundial	Caracas	0525
560	Dominican Rep	HIAA R.Ritmo	Santiago	0532
560	UNITED STATES	WQAM	Miami	0530
570	CUBA	CMDC R.Reloj	Santa Clara	0535
580	Dominican Rep	HICN R.Montecristi	Montecristi	0544
590	Dominican Rep	HIDV R.Santa Maria	La Vega	0546
600	Dominican Rep	HISD Radio/TV Dominicana	El Seybo	0604
610	Dominican Rep	HISD Radio/TV Do	Pedernales	0618
620	Dominican Rep	HISD Radio/TV Do	Sto Domingo	0620
630	Dominican Rep	HISD Radio/TV Do	San Juan	0625
640	Dominican Rep	HISD Radio/TV Do	Santiago	0629
650	Dominican Rep	HIAT R.Universal	Sto Domingo	0630
670	Dominican Rep	HIBS R.Dial	San Pedro Macoris	0634
690	Dominican Rep	HIAW R.Progreso	Sto Domingo	0635
710	PUERTO RICO	WKJB	Mayagüez	0653
720	Dominican Rep	HIAQ R.Norte	Santiago	0702
730	Dominican Rep	HIZ Emisora HIZ	Sto Domingo	0704
740	Dominican Rep	HIEF R.Cayacoa	Higüey	0705
750	VENEZUELA	YVKS RCR	Caracas	0844
760	COLOMBIA	HJAJ RCN	Barranquilla	1950
770	Dominican Rep	HIMP R.Popular	Santiago	2105
780	Dominican Rep	HIBO R.Constanza	Constanza	2126
790	Dominican Rep	HIL R.Tropical	Sto Domingo	2130
800	Dominican Rep	HIVM R.Bonao	Bonao	0525
810	Dominican Rep	HIAV R.Baní	Baní	0528
820	Dominican Rep	HIAV Bachatisima	Santiago	0540
830	Dominican Rep	HIBJ Radio HIJB	Sto Domingo	0542
850	Dominican Rep	HIGA R.Clarin	Santiago	0610
860	Dominican Rep	HIJA R.Clarin	Sto Domingo	0610
870	Dominican Rep	HIVG R.La Vega	La Vega	0611
880	PUERTO RICO	WYKO	Sabana Grande	0657
890	CUBA	CMYZ R.Progreso	Chambas	0658
900	Dominican Rep	HIEN R.Amanecer	Sto Domingo	0715
900	VENEZUELA	YVMD Mara Ritmo	Maracaibo	0715
920	Dominican Rep	HIBA R.920 Stereo	Sto Domingo	0715
930	PUERTO RICO	WEKO Cadena	Cabo Rojo	0720
940	VENEZUELA	YVNN	Punto Fijo	0804
970	Dominican Rep	HIVP R.Olimpica	La Vega	0837
990	PUERTO RICO	WPR	Mayagüez	0838
1010	Dominican Rep	HIJA R.Comercial	Sto Domingo	0855
1030	Dominican Rep	HIDL R.Novedades	La Vega	0901
1040	Dominican Rep	HION R.Cadena Noticias	Sto Domingo	2027
1050	VENEZUELA	YVKZ R.Nacional	Caracas	0639
1060	Dominican Rep	HIAJ R.Amanecer	S.F. de Macoris	0650
1070	Dominican Rep	HIBI 1070	S.F. de Macoris	0650
1080	Dominican Rep	HIMC R.Ambar	Sto Domingo	0706
1090	Dominican Rep	HIJM R.Amistad	Santiago	0710



1100	unID	Open Carrier		
1120	Dominican Rep	HICN R.Metro	Samaná	0715
1130	Dominican Rep	HIRL R.Cadena Nacional	Santiago	0730
1150	Dominican Rep	HIAS Onda Música	Sto Domingo	0903
1180	Dominican Rep	HIBA R.Mil	Sto Domingo	0903
1200	Dominican Rep	HIMR R.Caracol	Azua	0915
1240	Dominican Rep	HICV R.Barahona	Barahona	0910
1250	Dominican Rep	HIRA El Sonido del Este	La Romana	0912
1270	Dominican Rep	HITA R.Ambiente	Baní	0915
1290	Dominican Rep	HIBD R.Jánico	Jánico	0922
1300	Dominican Rep	HIKQ R.Dos	Sto Domingo	0925
1330	Dominican Rep	HIVC R.Visión Cristiana	Sto Domingo	1015
1370	Dominican Rep	HIRP R.Seybo	El Seybo	1020
1390	Dominican Rep	HIAR R.San Cristóbal	San Cristóbal	0539
1420	Dominican Rep	HIFD R.Oro	Cotuí	0543
1480	Dominican Rep	HIAH R.Villa	Sto Domingo	0601
1500	Dominican Rep	HIPA R.Color	Higüey	0650
1510	Dominican Rep	HIBL R.Pueblo	Sto Domingo	0658
1570	Dominican Rep	HIAJ R.Amanecer	Sto Domingo	1448

DX'er's Notebook

Shared tips, topics, and Internet info

Dave Braun dcbraun@delanet.com

863 Allabands Mill Rd.

Camden Wyoming DE 19934-2132

Continuing our discussion on antenna phasing...and to try to help the subject flow, I'm going to repeat some of the original comments that generated the response throughout the column. Those will be shown in italics (if the formatting survives the file transfer!). (Nope - sorry! -pls.)

David Hochfelder <david.hochfelder@rutgers.edu>

"AVOID THE USE OF TUNED LOOPS AND/OR WHIPS!" ...Stick to broadband!"

So using an MFJ active whip with my Quantum loop wouldn't work. I have a 4-ft box loop that needs troubleshooting, could I simply short the variable capacitor and use that as a broadband loop for this purpose?

Another thought: would using the Q-spoiling on the Quantum QX obviate this problem?

Mark Connelly, WA1ION, Billerica, MA <MarkWA1ION@aol.com>

If you short out the capacitor on a tuned loop, you will also short out the coil. Resulting output: zippo, zero, nil, nada.

If you open up the capacitor, you will still have a tuned antenna resonating at the inductance and stray capacitance (a few pF): this will be at a higher frequency than normal. The loop will still not be broadband. It will be nearly "deaf" at lower frequencies.

My advice is DON'T waste your time phasing any of the following, Q-spoiled or not: Kiwa, Quantum, Martens, Space Magnet, Radio West, Hagan, or any other tuned loop. This includes homebrew multiple-turn ones.

Get a broadband loop: ALA-1530 if you're soldering-iron challenged, otherwise make a square or round single turn of wire of a total length between 6 and 30 m (20 and 100 ft.). Suspend this vertically on some kind of frame or just attach to trees or posts with ropes. Feed this at the center of the bottom. Use a Mini-Circuits 1:1 transformer (T1-6) or a homebrew equivalent like an Amidon FT82-75 core with 10 turns bifilar. Coaxial cable goes to the winding opposite that to which the two antenna leads go. This is not a difficult project!

Amplification, almost certainly necessary with smaller broadband loops except in urban areas, can be applied at the indoor end of the coaxial feed. Unless the run of coaxial cable is extraordinarily long, there's little to be gained noise-figure-wise by having the amplifier at the antenna end of the coaxial cable. I find it preferable to keep active electronics out of the weather if possible.

The W7IUV amplifier design, as shown at "http://www.qsl.net/wa1ion/amp/w7iuv_amp.htm" works well.

Phase a broadband loop against any of the following:

- broadband active or passive whip/ vertical wire
- second broadband loop oriented at right angle; separation can be as little as 3 m (10 ft.)
- second broadband loop, any orientation; separation between 30 to 100 m (100 to 330 ft.)
- longwire or Bev aimed for best pick-up at a right angle to the loop's pick-up lobes
- cardioid-type antenna: Ewe, Flag, Kaz, K9AY, Pennant, etc.

"I'm in a VERY strong signal area. I've got a 50kw/10kw station right down the street, as well as several strong locals within 10-15 miles. Would this be a showstopper?"

"would the broadband loop need to be rotatable? What if you rigged up 2 fixed loops, one aimed NW/SE & the other SW/NE (or N-S/E-W). Would this allow you to steer the nulls through 360 degrees? I know you'd have to switch between the loops to get the full 360, but I'm trying to figure out a configuration that the wife will be able to live with. I don't think she really wants our roof to look like an antenna farm."

In a very strong signal area, I would go with passive broadband loop and whip technology. Make the whip at least 3 m/ 10 ft. tall and couple via a 36:1 or higher ratio stepdown transformer to 50 ohm line. Each square loop should be at least 3 m/ 10 ft. on a side and coupled to coaxial cable via 1:1 transformer. In the shack, the coaxial lines would go to a phasing unit of "DXP-3 like" design ("<http://www.qsl.net/wa1ion/dxp/dxp3.pdf>") except that a tuned circuit could be added ahead of the A1 buffer amplifier to lessen the likelihood of intermodulation distortion.

Normally you could get by with smaller, less conspicuous loops and whips but, because (in your RF jungle) they should be passive, they need to be of a larger size.

The two loop scheme you describe should, in most cases, eliminate the need for physical antenna rotation. Still, for a bit more flexibility in nulling, I'd have a third antenna: either a whip, or maybe a loop positioned halfway between the bearings of the two right angle ones.

A K9AY on a roof would probably be a notorious noise-getter and of questionable effectiveness due to its "good ground" requirements. A Flag, Kaz, or Pennant would be a better choice than the K9AY.

Brian Leyton, Valley Village, CA <bleyton@cpe-usalco.com>

Ok, I've been poring over your reply Mark, and I have a few more questions...

I'm a newbie here - short of helping a friend build a Heathkit stereo about 25 years ago, I'm pretty raw. I do know which end of the soldering iron to hold, but not a whole lot more. Even so, I've been going over the DXP-3 documents, and it looks like I could probably pull this off - except that you're throwing a bit of a curve at me when you talk about adding a tuned circuit ahead of the Buffer Amp. I understand what that should do, I'm just not good at the details of what that circuit would look like & where exactly it would hook up.

"Still, for a bit more flexibility in nulling, I'd have a third antenna: either a whip, or maybe a loop positioned halfway between the bearings of the two right angle ones."

What exactly are you recommending here - 1 whip plus 3 loops, or just 1 whip plus 2 loops? This is starting to sound a lot like the setup you describe in your article "Three Loop Antenna Array with Electrically-Rotatable Nulling".

As for three, you mention above that a 10' plus 10' loops would be a good combo for my high RF area. In the "Three Loop Antenna Array" article you mention that the loops need to be at least 5 meters away from one another. Is this crucial? I'm trying to keep this from making my house look like the Russian Embassy...

Lastly, I've seen the articles on all of these phasers you've designed, and I'm having a tough time understanding the differences between them. The DXP-3 in fact looks like it's somewhat simpler than the DXP-1 & 2. I understand that these are designed for DXpeditions, so size & simplicity are important factors - is there a tradeoff between these designs & the Superphaser or the MWDX series?

Mark Connelly, WA1ION, Billerica, MA <MarkWA1ION@aol.com>

I just re-did the on-line PDF. The optional tuned circuit concept is now included at the end of the article. See "<http://www.qsl.net/wa1ion/dxp/dxp3.pdf>".

Two loops at a right angle can be as close as 3 m/ 10 ft. A whip would be the best choice for a third antenna. Get it high up in the air and away from the house for maximum signal-to-noise. Three loops would be clumsy to implement on a small lot.

The three-loop array, as described in the article, has a 120 degree angle between the axes of each adjacent loop. 5 m of separation might not even be enough to prevent simultaneous nulls of pests and DX stations. I think I'd go with about a 30 m spacing on each side of the triangular layout for the three-loop array.

Better to go with 2 right angle loops plus a whip in your case.

Stick to something simple like a DXP-3 or a Quantum Phaser for your first phasing unit. The others have features such as tuning, multiple coupling schemes, etc. designed to squeeze out the last possible bit of signal, but the complexity of control adjustment may "spook" a first-time user. Unless you're a seasoned phasing unit user and you're DXing at one of the world's premier sites like Newfoundland, you're not going to need some of the features. Using one of the Superphasers would be like driving a Ferrari or Viper for a 10 mile trip to work when a Kia or Hyundai would do the job quite adequately.

Brian Leyton, Valley Village, CA <bleyton@cpe-usalco.com>

Ok, Mark - you didn't think you were done with me yet, did you?

You've answered pretty much all of the questions I had, but you know how one thing leads to another...

First of all, THANK YOU!! for the update to the DXP-3 pdf. I had been thinking that some pictures would be useful, but you went ahead & added them yourself. This really helps me visualize it (though a look at the inside would be great too).

On to the questions. If I do 2 10' loops, 10' apart, plus a 10' whip. Does the whip need to be 10' away from both loops too? Also, what should I do for a ground?

Lastly, the schematic for the tuned circuit is really helpful, and I think I can figure out what kind of parts to use for everything except the 3 inductors. Can you recommend specific parts?

Sorry to be such a pest.

Mark Connelly, WA1ION, Billerica, MA <MarkWA1ION@aol.com>

That set-up sounds OK. The loops are balanced antennas and don't require a ground. The secondary of the 1:1 matching transformer goes to the coaxial cable shield and center conductor.

The whip stepdown transformer low-impedance secondary goes to the coaxial cable the same way. The high-impedance winding goes to the whip itself on one lead and to "a ground" on the other lead. This can also be the coaxial cable's shield, or it can be an independent ground system (copper pipes and/or radials on the ground) installed near the base of the whip. This would typically be done if local electrical noise is a problem. You might be able to get by with the common (coaxial shield) connection on the low side of both the high and low impedance windings of the whip matching transformer.

If you've looked at any of my other construction articles, you'd see that I usually use Mouser Electronics (<http://www.mouser.com>) for prefabricated inductors. 390 uH could be part number 43LR394, 220 uH can be 43LR224, and 56 uH can be 43LR565. Of course you can always make inductors yourself using toroidal, pot, or binocular ferrite or iron powder cores.

Paul Swearingen, Topeka, KS <PlsBCBDXER@aol.com>

You know, it does clear up some problems and answers some questions. I suspect that, although I place the two loops at right angles to each other, about 12-13 feet apart, that the smaller, older loop isn't nulling very effectively, or may have too sharp a Q to be tuned accurately, and that I got lucky when I was able to tune the phaser (a DL-1) to null out some offending stations and hear some desired DX.

However, I think I have an old MFJ whip around somewhere (I never throw anything away, hi) to play with, although as you indicate, noise levels around here definitely are not low. I'll try it (when I get time - labels to run tonight, papers to grade until midnight, etc.) and report on my success/failure.

Thanks.

Mark Connelly, WA1ION, Billerica, MA <MarkWA1ION@aol.com>

You don't want the loop to have ANY Q! The tuned loop should be relegated to stand-alone usage. Use a broadband loop for phasing: that versus the MFJ whip should be fine. Make sure the antennas are outside, as far from the house and power lines as you can manage.

Bruce Conti, Nashua NH <BACONTI@aol.com>

"Is there anything in print (on the web) concerning experiments with phasing with two loops? A loop and a longwire?"

The Quantum Phaser is designed to phase a loop vs. whip or longwire. A loop vs. whip/wire is an easier and more effective solution than trying to phase two loops. The Radio Plus website has been down, and I'm not sure if the Quantum Loop and Phasing unit are even being manufactured anymore. Definitely though, a loop vs. whip combination would work in limited space, whether in your city lot or on the car rooftop at a remote site. NRC reprints and Mark Connelly's WA1ION DX Labs website should have plenty of stuff available if you'd like to try constructing your own phasing unit.

Harry Helms, W7HLH, Las Vegas, NV <ak6c@earthlink.net>

I've discovered a big problem with the Quantum Phaser in an urban environment is that its broadband amplifier is easily swamped by strong locals. KNXT-840 and KDWN-720 both overload my unit. While this can be mitigated by reducing the QP's gain, you also "mitigate" most DX!

If you're using a loop, you'll need one with a Q "dampening" control (like the Quantum Loop Plus) that makes the loop tuning very broad. A sharply tuned loop doesn't make for effective phasing.

If you're not near strong locals, the Quantum Phaser is effective. For urban situations, I'd go with the MFJ unit or one of Marc Connelly's designs.

Neil Kazaross <neilkaz@earthlink.net>

I had reasonable success Q-spoiling my Sanserino Air Core loop with a 50K pot across the loop coil. This enabled me to at least do some phasing vs. a longwire to, at times phase pests on the back end to receive DX from the front end. I found it easier to phase random wires up in the trees way back then.

Ben Dangerfield, Wallingford, Pa <ben-dangerfield@verizon.net>

I have 4 slopers, about 75 feet each, and a DXP-3A phasing unit. Works well in my 1/3 of an acre plot and can even phase out my noise to an extent. Each of these wires is attached to a mast on my roof top and each runs in a different direction [N-E-S-W]. I get my share of TAs and long distance stations so can't complain. Besides, at my age I can't put up much else without help. The R8A helps too.

Radio Host John A. Gambling Dies at 73

By Associated Press, via Pete Kemp

NEW YORK — Broadcaster John A. Gambling, whose morning radio show, "Rambling with Gambling," was founded by his father in 1925 and continued by his son after he retired, has died. He was 73.

Gambling died of heart failure Thursday at a hospital in Venice, Fla., said his son, John R. Gambling.

Gambling worked at the New York radio station WOR-AM until his retirement in 1991. Bob Bruno, station vice president and general manager, called Gambling "a professional right down to the heels of his shoes."

"He had real star power," Bruno said Friday. "When John came into a room, heads turned and you got those whispers. He had that presence."

The news and talk show was a New York institution for decades, known for its quiet dignity in a market increasingly dominated by shock jocks. It lasted longer than 75 years, and was listed as the world's longest-running radio show in Guinness World Records 2003.

Gambling began hosting it in 1959, taking over from his father, John B. Gambling, who started the program. After he retired, his son John R. Gambling became the primary host.

"You could always turn on the radio and find old John, young John, or in-between John," John A. Gambling said.

"If people wake up and hear about problems — a strike, a war, assassination, whatever — they turn us on and know the world hasn't come to an end," Gambling said. "Their world has some continuity."

In 2000, Gambling was inducted into the Radio Hall of Fame. "John A. had a feel for the people," Mayor Michael Bloomberg said Friday.

"People instinctively liked him."

His son was with WOR until 2000, when the station decided not to renew his contract, ending "Rambling with Gambling." He then moved to WABC-AM, where he hosts "The John Gambling Show" and the mayor's weekly radio show.

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

Problems, Problems?

We can't solve all your woes, but we can solve your DX News problems. Torn, soiled, partially-printed, MIA, or worst of all, delivered in a USPS plastic baggie? No need to return the copy - just end a postcard to NRC - 2840 SE Illinois Ave. - Topeka, KS 66605, or e-mail to <<plsBCBDXER@aol.com>> and a replacement copy will be mailed free. Missing a back issue? Replacement copies from Vol. 56 on, to current NRC members only, are sent for the cost of first-class postage. You joined in the middle of the year and need to fill out a volume? Send \$1.00 per copy (postage paid). Quantities can be sent at the Media Mail rate.

See? No problem!

Domestic DX Achievements

Paul Swearingen pls@nrcdxas.org
 2840 SE Illinois Avenue
 Topeka, KS 66605-1427

Domestic DX totals listed periodically in different categories

Name and location	Yr	Last Upd.	TDI	ST	PT	DCT	TDV	SV	PV	DCV	TDH	SH	PH	DCH
Geary, Kermit-e PA	26	7/01	2768	49	10	√	5448	50	10	√	5939	50	10	√
Malicky, John-Pittsburgh, PA	70	11/87	1184	40	6	√	902	38	7	√	1461	40	7	√
Forth, Karl-vic Chicago, IL	70	11/78	1077	48	10	√	1088	48	10	√	1771	48	10	√
Starr, Jerry-Youngstown, OH	54	1/86	1055	50	10	√	1610	50	10	√	2159	50	10	√
Edmunds, R. J.-n NJ/e PA	62	9/99	806	41	8	√	263	42	6	√	2001	47	9	√
Swearingen, Paul-e KS	75	1/04	778	44	7	√	2	2	0	√	745	44	7	√
Pimper, Dennis-NE, UT	68	12/84	651	40	5	√	425	45	6	√	2447	47	7	√
Hayes, Harry J.-ne PA	70	7/98	641	39	9	√	185	30	3	√	1354	41	9	√
Wolfish, Niel-Toronto, ONT	78	2/93	402	39	6	√	493	43	10	√	1285	43	10	√
Foxworth, Robert-Long Island, NY	57	11/78	400	44	9	√	270	48	7	√	1000	49	10	√
Fela, Joseph-cent. NJ	61	10/78	400	40	7	√	1045	48	9	√	1861	49	10	√
Schmidt, Dave-se PA/n DE	65	11/79	400	40	4	√	1006	48	8	√	1250	48	8	√
Taylor, Pete-Tacoma, WA	81	3/00	399	33	0	√	70	14	7	√	468	33	3	√
Francis, Steve-nr Knoxville, TN	70	2/00	315	45	3	√	37	36	0	√	2687	48	8	√
Wilkins, John-Denver/Des Moines	62	3/00	290	35	0	√	1931	45	7	√	2250	45	7	√
Mount, Paul-ne NJ	73	2/86	199	26	5	√	224	33	6	√	489	36	7	√
Karchevski, Bob-San Francisco, CA	69	10/78	197	35	5	√	198	36	5	√	249	36	5	√
Truax, Dick- vic. Louisville, KY	72	12/78	120	35	5	√	20	17	3	√	935	46	6	√
Wolfish, Niel-Winnipeg, MAN	85	2/93	113	10	4	√	25	10	4	√	813	37	9	√
Musco, Ron-nr Hartford, CT	62	2/03	108	28	3	√	1262	47	9	√	1391	47	9	√
Smolarek, Bob n NJ	82	6/02	78	16	5	√	7	7	0	√	817	36	5	√
Taylor, Pete-San Francisco	58	3/00	70	6	1	√	329	31	7	√	450	32	7	√
Renfrew, Jim-Rochester, NY	76	3/03	68	27	5	√	449	42	10	√	1709	44	8	√
Mount, Paul-se OH	78	2/86	60	25	1	√	3	3	0	√	390	36	3	√
Bond, Jerry-Rochester, NY	62	10/78	50	10	2	√	0	0	0	√	785	43	8	√
Heinen, Wayne-NY/CO	64	11/03	30	14	0	√	1565	49	10	√	1646	49	9	√
Vervoort, John-Brooklyn, NY	00	2/03	25	9	2	√	4	4	0	√	259	31	5	√
Ponder, Stephen-Shreveport, LA	75	8/89	10	4	4	√	721	39	5	√	769	39	5	√
Alves, Paul H.-nr Boston, MA	48	2/99	0	0	0	√	145	25	5	√	352	32	6	√
Anderson, Roger-Arlington, MD	38	1/02	0	0	0	√	1017	48	9	√	1017	48	9	√
Arruda, Ray-nr Boston, MA	63	6/99	0	0	0	√	1150	47	9	√	1292	47	9	√
Axelrod, Shawn M.-s MAN	86	2/03	0	0	0	√	0	0	0	√	2005	50	10	√
Bailey, Ron-Shelby, NC	92	1/03	0	0	0	√	4	4	0	√	1428	37	5	√
Boersma, Philip-w MI	73	10/78	0	0	0	√	50	24	3	√	520	41	6	√
Chatterton, Ken-n NY	45	11/78	0	0	0	√	1101	50	10	√	1845	50	10	√
DeLaurere, Harley-Hendricks, WV	55	10/78	0	0	0	√	59	48	10	√	59	48	10	√
DeLorenzo, Marc-e MA	62	9/00	0	0	0	√	0	0	0	√	1172	45	9	√
Edmunds, R. J.-ne ME	94	9/99	0	0	0	√	0	0	0	√	172	20	6	√
Edmunds, R. J.-Syracuse, NY	64	9/99	0	0	0	√	75	31	5	√	533	45	9	√
Falconer, Jeff-Clinton, ON	69	7/00	0	0	0	√	1070	49	10	√	2799	49	10	√
Hardison, Greg-Atlanta, GA	64	11/78	0	0	0	√	42	19	5	√	900	36	6	√
Hardy, Nancy-coastal WA	69	12/84	0	0	0	√	3	2	0	√	778	40	5	√
Harrison, Bob-ne NJ	82	6/98	0	0	0	√	772	36	7	√	996	36	7	√
Holland, George Jr., vic. Albany, NY	31	11/85	0	0	0	√	828	49	9	√	828	49	9	√
Houdek, Gary-n KS	75	1/81	0	0	0	√	31	21	1	√	294	34	3	√
Jeter, Karl-Atlanta, GA	69	3/84	0	0	0	√	1193	44	6	√	1574	44	6	√
Krejny, Ed-nr Cleveland, OH	50	11/96	0	0	0	√	2729	49	10	√	3265	49	10	√
Kureth, Joe-Southern Pines, NC	63	6/71	0	0	0	√	92	26	2	√	878	38	7	√
Kureth, Joe-Uniontown, MD	61	1/00	0	0	0	√	342	41	7	√	2162	46	10	√
Onyschuk, Ken-Homewood, IL	67	8/03	0	0	0	√	16	13	0	√	1060	43	6	√
Reed, John-Ponca City, OK	95	1/03	0	0	0	√	0	0	0	√	656	40	6	√
Rigas, Christos-vic Chicago, IL	81	3/98	0	0	0	√	382	44	6	√	862	46	7	√
Sampson, John-Cupertino, CA	66	10/78	0	0	0	√	258	17	3	√	258	17	3	√
Sampson, John-Hutchinson, MN	60	10/78	0	0	0	√	336	42	6	√	336	42	6	√
Sampson, John-New York, NY	65	12/78	0	0	0	√	181	33	6	√	181	33	6	√
Sampson, John-Omaha, NE	54	12/78	0	0	0	√	912	45	6	√	912	45	6	√
Sampson, John-Winston-Salem, NC	68	10/78	0	0	0	√	450	30	1	√	450	30	1	√
Steele, Sid-e IL	31	7/98	0	0	0	√	2986	49	10	√	3450	49	10	√
Taylor, Pete-Coral Gables, FL	45	3/00	0	0	0	√	132	30	2	√	221	29	3	√
Taylor, Pete-Durham, NC	52	3/00	0	0	0	√	208	38	6	√	891	40	6	√
Thompson, Blaine-Toledo, OH	03	02/03	0	0	0	√	0	0	0	√	137	22	2	√
Tudenham, John-Joplin, MO	90	10/97	0	0	0	√	0	0	0	√	444	36	5	√
Wallace, Jim-Columbus, OH	69	10/78	0	0	0	√	137	36	3	√	795	41	7	√
Wesolowski, Ernie-Omaha, NE	58	2/03	0	0	0	√	1966	49	9	√	2271	49	9	√

Whatmough, Dave-Hamilton, ONT	51	1/00	0	0	0	√	1030	49	10	√	2061	49	10	√
White, Thomas-nr Washington, DC	68	1/92	0	0	0	√	243	38	7	√	970	39	7	√
Winkelman, Bruce-Tulsa, OK	79	1/92	0	0	0	√	0	0	0	√	498	36	4	√
Woods, Jack-w OR	74	2/81	0	0	0	√	25	18	0	√	194	26	4	√

Legend: √ District of Columbia heard, taped, and/or verified
 TDH, TDT, TDV Total Domestic Heard, Taped, Verified
 SH, ST, SV States Heard, Taped, Verified
 PH, PT, PV Provinces Heard, Taped, Verified

Thanks to Wayne Heinen, Sid Steele, John Vervoort, and Ernie Wesolowski for updates. We hope to see YOUR name and updated listings the next time around. Please?

This column is arranged by "Total Domestic Taped" and then "Total States Taped" as the tiebreaker, and we'll run various priorities at different times. Domestic of course include the contiguous 48 states and Canada; Alaska, Hawaii, Puerto Rico, etc., are counted as foreigners. We'll only delete listings of those who are no longer NRC members, so should you drop out and rejoin, you'll need to resubmit your totals. How about making it a priority for next time of filling in the blanks above, at least in the year started and last update column? Some of the listings are estimates, and that's just fine, but don't forget to update accurately when you can. Please join us -73.

Team Effort ...

That's what makes the NRC so great! And all information, contributions, and editing for DX News, DX Audio Service, and all publications is done by unpaid volunteers as part of a team. Perhaps you have a little time to give to your club ... if so, please write to Ken Chatterton - P. O. Box 164 - Mannsville, NY 13661-0164, and let him know what talents and time you can offer to the club. Updates to the NRC AM Log are always needed. Why not write to Ken today?!

New! IRCA Mexican Log, 9th Edition, 2003-'04

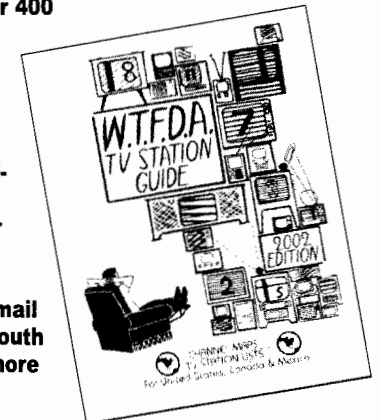
The 9th Edition of the IRCA Mexican Log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 2002 edition and carefully cross-checked by several IRCA members. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding. Prices: NRC/IRCA members - \$9.50 (US/Canada/Mexico/seamail), \$10.50 (rest of the Americas airmail), \$11.00 (Europe/Asia airmail), \$11.50 (Australia/New Zealand airmail). Non-members: add \$2.50 to the above prices.

To order the IRCA Mexican Log from the IRCA Bookstore, send the correct amount in U. S. funds payable to Phil Bytheway to:

IRCA Bookstore - 9705 Mary Ave. NW - Seattle, WA 98117-2334

The 2002 WTFDA TV Station Guide

You just can't get any better than this! Over 400 pages of listings by channels and by plots on channel maps ... full power, LPTV's, translators, and DTV stations. The entire USA and most of Canada and Mexico is included. Convenient to use: it's 3-hole punched, 8.5x11 inches. And now, it's available to NRC members at the discounted WTFDA member price of \$23.00. Make your check or money order (U. S. funds only for those outside of the USA) payable to Dave Janowiak; write "NRC member" on it, and mail it to John Ebeling - 9209 Vincent Avenue South - Bloomington, MN 55431-2157. For even more info, go online at <http://fmdx.usclargo.com/tvg.html>.



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 2840 SE Illinois Avenue
 Topeka, KS 66605-1427

International DX verie/taped totals listed by continents

Year	Started	DX'er	Location	Last Update	Oc	Ctries	Total Veries	Forgn	NA	SA	Eur	As	Af
1933		Geary, Kermit	PA	2001	62	115	6554	1106	571	291	152	2	28
1938		Anderson, Roger A.	VA/NY/PA	1993	48	105	1448	514	227	78	128	5	28
1947		Luton, Relfe	NC	1973	33	23	1049	142	102	4	3	0	0
1963		Scrimgeour, Gray	CA/ON	1971	31	47	526	440	354	10	18	26	1
?		Callarman, John	?	1970	20	50	740	138	72	20	17	6	3
1992		Taylor, Pete	CA	1993	13	26	375	58	22	4	0	19	0
1958		Dangerfield, Ben	PA	2000	8	128	432	332	85	44	152	10	33
1946		Moore, Ray	MA	1993	8	104	245	245	95	52	59	7	24
1931		Steele, Sid	IL	2003	8	32	3108	122	104	12	2	1	0
1958		Wesolowski, Ernie	NE	2003	7	26	2036	70	104	6	0	1	1
1950		Krejny, Edward	OH	1996	6	76	2733	441	208	126	91	0	10
1969		Karchevski, Bob	MA/CA	1975	6	24	204	141	112	0	0	0	0
1958		Merriman, Alan	VA	1994	3	93	1615	368	212	47	88	4	14
1954		Starr, Jerry	OH	1974	3	51	1209	194	134	34	20	0	3
1958		Phillips, Dan	TN/AL	1974	3	26	567	40	21	9	5	0	1
1955		Palmer, Richard D.	IL	1993	2	33	822	94	77	4	10	0	1
1964		Reynolds, Bruce	MO	1977	2	28	1103	121	111	6	2	0	0
1964		Heinen, Wayne	NY/CO	2003	2	26	1671	76	64	3	5	2	0
1966		Bruner, Jesse R.	KY	1966	2	23	132	27	17	3	5	0	0
1969		Falconer, Jeff	ON	2000	2	22	1091	20	14	2	2	0	0
1931		Holland, George B., Jr.	NY	1996	2	22	885	58	46	5	5	1	0
1965		Kadet, Jeff	MD	1969	2	12	703	41	39	0	0	0	0
1940		Morss, Stan	MA	1993	1	84	3922	424	218	65	221	3	14
?		Sampson, John	NJ	1965	1	54	445	72	23	6	38	1	3
1965?		Neff, James R.	NY	1971	1	29	30	87	70	4	10	1	1
1976		Froemming, Gary	AZ	1994	1	17	338	92	85	7	0	0	0
1976		Renfrew, Jim	NY	2003	0	56	540	91	59	10	19	1	1
1973		Sgrulletta, John	NY	1998	0	54	64	64	24	24	19	3	3
1962		Musco, Ron	CT	2003	0	50	1392	54	40	5	10	1	3
1962		Edmunds, R. J. (taped)	NJ	1998	0	43	897	56	50	37	14	1	0
1988		Kenneally, Rick (taped)	CT	2002	0	36	150	88	40	18	2	2	2
1965		Long, John	CT	1968	0	29	101	0	0	0	0	0	0
?		Fela, Joseph	NJ	1965	0	24	738	35	19	4	11	0	1
1975		Swearingen, Paul (taped)	KS	2004	0	23	851	114	61	16	0	0	0
1967		Floden, Eric	ONT	1970	0	16	93	65	61	3	0	0	0
1964		Whattmough, Dave	ON	1999	0	13	1014	15	6	1	3	0	6
1964		Sorensen, Morris	ON/MB	1975	0	13	537	385	375	1	9	0	0
1977		Wolfish, Niel	ON	1977	0	11	397	20	14	4	2	0	0
1968		Bytheway, Phil	WA	1982	0	9	457	20	0	0	0	0	0
1960		Lynch, Don	MA	1980	0	9	0	157	0	0	0	0	0
1962		Edmunds, R. J. (paper)	NJ	1998	0	7	266	13	10	3	0	0	0
1973		Mount, Paul	NJ	1995	0	6	230	25	22	2	0	0	0
1964		Edmunds, R. J.	NY	1999	0	3	76	1	1	0	0	0	0
1975		Bartek, Daniel, Jr.	NE	1976	0	2	23	0	0	0	0	0	0

This IDXA is tabulated by Oceania totals, with total countries as the tie-breaker. Thanks to Wayne Heinen for his recent update. Although non-renewing members are routinely deleted from this list, if you've rejoined and don't see YOUR name in the listing above, send in your totals so we see YOU here next time!

Feel free to send in your updated totals in time for the next IDXA; you probably have a month or more. Remember, only taped or paper veries are counted, and mainland U. S. and Canadian catches should not be included in NA totals for either U. S. or Canadian DX'ers. Include your best catch from each continent and all other totals when reporting. And please update what you see above - I get letters, and lists of stations or countries, but no updates - and I can't update what you don't send! Our next column will feature African totals.



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Geomagnetic Summary

Phil Bytheway phil-bytheway@tekologic.net
 9705 Mary NW
 Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary October 1 2003 through November 20 2003

SWF - Space Weather Forecast pca - polar cap absorption
 maf - major flare SWT - Space Weather today
 mas - major storm spe - satellite proton event
 mis - minor storm ss - severe storm

Tabulated from email status daily.

Date	Flux	A	K	Space Wx Today	Space Wx Forecast	Etc.
10/ 1	133	4	1	no storms	no storms	7
2	137	11	4	minor	no storms	10
3	125	8	3	no storms	no storms	6
4	120	16	2	minor	no storms	6
5	119	8	1	minor	no storms	4
6	110	7	4	no storms	no storms	9
7	112	11	5	no storms	no storms	8
8	112	17	2	no storms	no storms	7
9	113	8	2	no storms	no storms	5
10	111	10	3	no storms	no storms	4
11	112	4	1	no storms	no storms	3
12	106	4	2	no storms	no storms	5
13	98	5	1	no storms	no storms	8
14	94	17	4	no storms	no storms	8
15	92	40	6	moderate	moderate	8
16	96	33	5	strong	minor	7
17	95	26	4	minor	no storms	6
18	99	29	5	minor	no storms	8
19	109	24	3	minor	no storms	7
20	120	30	4	strong	minor	9
21	135	26	5	minor	moderate	10
22	152	36	3	minor	moderate	9
23	154	28	2	moderate	minor	6
24	183	10	2	strong	strong	3
25	191	36	5	strong	moderate	7
26	222	14	2	minor	minor	8
27	x	x	x	x	x	x
28	257	18	1	moderate	moderate	4
29	274	20	4	severe	severe	9
30	279	180	7	extreme	extreme	10
10/31	271	147	7	extreme	extreme	10
11/ 1	249	65	4	strong	strong	8
2	210	21	3	minor	strong	8
3	190	24	2	strong	extreme	6
4	167	12	3	strong	strong	7
5	168	22	3	severe	strong	7
6	114	6	3	moderate	moderate	7
7	98	14	3	minor	minor	9
8	91	7	2	minor	no storms	5
9	93	7	2	no storms	no storms	8
10	93	29	3	moderate	no storms	8
11	95	25	4	minor	no storms	10
12	96	51	5	moderate	minor	8
13	99	30	3	minor	minor	7
14	102	36	6	moderate	minor	10
15	99	38	3	minor	minor	6
16	98	35	5	moderate	minor	6
17	104	34	5	minor	minor	8
18	121	31	5	minor	minor	9
19	144	23	3	minor	moderate	6
20	155	14	2	minor	moderate	3

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Winter SWL Fest
Sponsored by **NASWA**

March 12-13, 2004

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(formerly Holiday Inn).

Summerytown Pike, Kulpville, Penna.

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Your registration must be received by March 1, 2004 (note the earlier date) for the best prices; registrations received after that date are priced higher. See the registration form below.

Many things, like the raffle, remain the same:

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Please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST
P.O. Box 4153
Clifton Park, NY 12065

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY: _____ E-MAIL: _____ (REQ. FOR REG. CONFIRMATION)

CHECK ONE OR MORE

REGISTRATION RECEIVED BY MARCH 1, 2004:	LATE OR ON-SITE REGISTRATION RECEIVED AFTER MARCH 1, 2004:	BANQUET:
___ Full (\$47)	___ Full (\$55)	___ Roast Beef
___ Two-Day Partial (\$17)	___ Two-Day Partial (\$20)	___ Chicken
___ One-Day Partial (\$9)	___ One-Day Partial (\$10)	RAFFLE TICKETS:
___ New! Lunch-only Saturday (\$21)	___ One-Day Partial w/Lunch (\$25)	___ raffle tickets, please
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___ Banquet only (Spouse) (\$19)	___ Spouse etc. Lunch-only (\$15)	Raffle Tickets Fee Enclosed \$ _____
___ Student (\$5)	___ Student (\$5)	Total Check/Money Order \$ _____

Registration cancellations after 2/28/2004 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Musings

of the Members

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Scranton, PA 18505-0111

Times are local per Muse; submit double-spaced only.

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Karl D. Forth - 5867 N. Elston Ave. - Chicago, Ill. 60646, kdforth@msn.com

Our first x-band local, WRLL-1690, has been on the air now for a couple of months. It was quite a move for the city of license. It's about 300 miles from Johnston City in far southern Illinois coal country to Berwyn, an older brick bungalow suburb just west of Chicago. A similar city-of-license move would be, say, Chicago to Detroit, or Chicago to Louisville!

WRLL rounded up a number of old Chicago announcers to man the station. I saw an interview with Larry Lujack a few days after it came on and he had his "I don't care that much about this but the money's good" attitude that he's had about past projects.

The x-band has produced what little DX has been heard here: KKWY-1630 heard several nights after midnight, and WMWR-1670.

WGN was off back on the morning of Sunday 11/30. I checked 710, 720 and 730 a few times but didn't hear anything unusual. I found out, later, that WBBM-780 had also been off for a rare SP.

Some real DX was had during a trip to Alaska with former DX'er Kevin Mikell in early October. We stood in the middle of the airstrip at Chena Hot Springs with the aurora directly overhead at midnight. I had a Sony portable in hand, but at that time I couldn't hear anything outside of Alaska. It was exciting to see the aurora so close after years of hearing its effects.

We spent a night in Seward and another in Homer, and both places would make excellent DX locations. I heard a lot of western stations, the loudest being Reno on 780, Boise on 670, San Francisco on 680, and Las Vegas on 720.

On a late summer trip, I passed through Dumas, Arkansas, and saw the site of KDDA-1560, abandoned and overgrown with weeds. The tower, still lit, was being slowly overgrown by weeds. This station put on the first DX Test I ever arranged in 1973, so this was kind of sad to see.

I finished scanning old verifications into digital files, and have transferred some deteriorating tapes to CD, but I'm not sure how many tapes I'll save.

I hope everyone has a great 2004!

Perry Crabill - 225 Milam Drive - Winchester, VA 22602 w3hqx@arrl.net

In looking over the first issue of DXN (#13) for 2004 I noted that none of the contributors reporting for DDXD-West were from the coastal states of California, Oregon, or Washington. In checking further, I found the same situation in the IDXD column. This discovery made me wonder what the demographics of the NRC membership might be. I wonder if Ron or someone else on the Board could run a sort on the computer list to give us a state-by-state printout of just the membership numbers for each, not the names. I've often wondered how many there are in Virginia because I don't see many logging reports from here beside mine. I finally got around to again tuning the X-band last month, and logged two new stations: WFNA-1660 and WRLL-1690. I also re-logged WMWR-1670 and WDSS-1680, previously heard with different calls. Incidentally, I found that WFNA's 10 kw in Charlotte can be heard here at noon while WBT's 50 kw doesn't make the grade; go figure. Speaking of X-band stations, I thought that the original plan was for them to all be U1 10000/1000. Nevertheless, KMMZ-1640 is listed as U4 10000/1000, WWRU-1660 as U2 10000/10000, and KHPY-1670 as U410000/9000.

(Note: the geographic "center" of the NRC is probably around Lima, Ohio, which is why conventions in that fair city as well as Louisville, Pittsburgh and Bridgeport, WV have been popular in recent years. Nevertheless, 56 members in CA, 7 in OR, and 11 in WA did not report DX in 13, as you mention. But then, neither did the 7 in KS - pls.)

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