

DXN News

• Serving DX'ers since 1933 •

Volume 74, No. 21 • February 26, 2007 • (ISSN 0737-1659)



Inside ...

2 ...AM Switch

4 ...Geomagnetic Indices

5 ...DDXD

12 ...IDXN

13 ...Broadcast Test Report

16 ...Confirmed DX'er

17 ...Real Radio Needed

18 ...DDXA

20 ...IDXN

21 ...Formats

22 ...Musings of the Members



Station Test Calendar

KMTI	UT	650	Mar. 19	0200-0400
------	----	-----	---------	-----------

KMTI-650 ... Manti, UT will be conducting a maintenance test Monday morning on March 19, 2007 from 2 am until 4 am, ELT, at 10Kw DA-2. Programming will include Morse Code ID's, sweep tones, and voice ID's. This test was arranged by NRC Member John Tucker KG7RS, of Mesa, AZ. John stopped by KMTI during a recent road trip and convinced engineer Doug Barton to run some special programming during his next maintenance period! That's "grass roots" DX testing in action! Reception reports are desired via e-mail (first choice) and snail mail (only if e-mail is not available). The station would prefer to receive recordings of the test (MP3, CD, or cassette). Submit reports to les@highnoonfilm.com, and please put "KMTI DX Test" in the subject line. All standard mail reports should go to Les Rayburn - High Noon Film - 100 Centerview Drive Suite 111 - Birmingham, AL 35216; an SASE is required for reply. Thanks to Doug Barton and the staff of KMTI for including us in their maintenance period! And a special thanks to John Tucker for arranging this test. This is a real chance for those on the East Coast to put a 2nd Utah station into their log books!

From the Publisher ... It's frigid where I'm sitting in the nation's heartland, but have I got a hot summer's deal for you! How about two conventions for the price of one? And, no, Krazy Ken isn't also offering a piece of the Brooklyn Bridge in his Klotset-Kleaning sale. The World TV-FM DX Association has agreed to stage a joint convention with the National Radio Club in Boise, Idaho, with Frank Aden hosting, from Friday, August 31 through Sunday, September 2. The hotel chosen is the Rodeway Inn, 1115 North Curtis Road. And as they say, stay tuned for more details!

And if that wasn't enough to convince you to head west in August ...

IRCA Convention ... Just a week earlier, and only a short 200 miles to the south, IRCA will be holding a joint convention with DecalcoMania in

Salt Lake City August 24-26 at the Airport Days Inn - 1900 West North Temple - Salt Lake City 84116, with perpetual host Mike Sanburn in charge. They've set their registration fee at \$25 per person, and the IRCA convention discount rate for a room will be \$50 per night. You can send your fee to Mike Sanburn - PO Box 1256 - Bellflower, CA 90707-1256. Contact the hotel at 801-539-8538; their website is www.the.daysinn.com/saltlakecity06838.

Unfilled positions ... We're still in need of volunteers for the following positions, as described in detail in V73, #27, the June '06 DXN: A person proficient with phpBB to maintain the e-DXN site; one or more additional moderators for e-DXN; one or more persons to edit future NRC publications; one or more persons to scan or retype reprints currently in print; one or more persons to scan verie letters to be placed on the NRCDXAS web site; several persons to research and prepare a book in commemoration of the NRC's 75th anniversary; a "DX Targets" editor; a technical column editor; a nationwide QSL coordinator (preferably a joint NRC/IRCA/WTFDA member); someone to type e-mail reports for members who don't have computers.

DXN Publishing Schedule, Volume 74

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
22.	Feb. 23	Mar. 5	27.	June 8	June 18
23.	Mar. 9	Mar. 19	28.	July 6	July 16
24.	Mar. 23	Apr. 2	29.	Aug. 3	Aug. 13
25.	Apr. 6	Apr. 16	30.	Sept. 7	Sept. 18
26.	May. 4	May 14			

DX Time Machine

From the Pages of DX News

25 years ago ... from the March 1, 1982 DXN: Kermit Geary, Walnutport, PA reported several TA's in spite of "deteriorating" conditions: 2/9 Duba-1521; 1/26 France-1557, and Germany-1593.

10 years ago: ... from the March 10, 1997 DXN: X-Band loggings included KXBT-1630 CA by NRC'ers in MA, NJ, TN, and IN, various TIS's on 1610 and 1630, and the TIS stations at DFW, Dallas on 1640 and 1680, plus spurs reported on 1614 and 1658.



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>
910	KKSN	WA Vancouver	KTRO
1030	KEVT	AZ Cortaro	KCEE
1330	KENU	WA Enumclaw	KGRG
1370	NEW	RI Charleston	WKFD
1390	KSLM	OR Salem	KKSN
1450	NEW	AZ Cameron	KYNN
1660	WDAF	MO Kansas City	KXTR



[after three weeks as WDAF]

CPs ON THE AIR

580	WLES	VA Bon Air - CP to move here from Lawrenceville with U1 201/27 is on the air. The new transmitter site is at N37-30-52 W77-30-28.
870	KRLA	CA Glendale - CP for U4 50000/3000 is on the air (reported as tentative earlier). They still have a pending application for U4 20000/37000.
1080	KYMN	MN Northfield - CP to add nighttime service is on the air as U1 1000/11.
1090	WWGC	AL Albertville - CP to move their transmitter to a new site at N34-15-52 W86-16-44 is on the air. WWGC remains D1 500/0. [Correction from last Issue]
1320	KAWC	AZ Yuma - CP to move to a new, taller (186') tower and reduce their power as U1 730/106 is on the air.
1400	WWIN	MD Baltimore - CP to move to a new transmitter site at N39-18-06 W76-34-09 and reduce power to U1 500/500 is on the air. WWIN has been operating under an STA operating at the co-owned WOLB-1010 Baltimore site since they lost their tower in 2003. Plans are to move the WOLB transmitter to this new site and di-plex with WWIN.
1510	KCKK	CO Littleton - CP for U4 9500/19000 from their new transmitter site at N39-33-08 W105-02-00 is on the air.

GRANTS FOR NEW STATIONS

770	NEW	AL Saraland - CP granted for U4 38000/800 from four towers (3-day; 4-night) at 30-51-39 W88-05-37. Two daytime lobes head 001% and 163%, while the night pattern is directed 178%. Saraland is located just north of Mobile, Alabama.
1530	NEW	ME Orono - CP granted for U7 50000/270 CH 9000 from four towers (2-day; 4-CH and night) at N44-51-48 W68-40-06. All three patterns direct the signals in generally northerly patterns. Orono is located just northeast of Bangor, Maine.

ACTIONS

1260	KROX	MN Crookston - Coordinate correction to N47-47-51 W96-35-17.
1370	KXTL	MT Butte - Coordinate correction to N46-00-21 W112-37-54.
1400	KUKI	CA Ukiah - Coordinate correction to N39-10-06 W123-12-46.
1470	WBFC	KY Stanton - CP granted for U1 2500/25 at N37-52-58 W83-52-56.
1490	WTQS	SC Cameron - Coordinate correction to N33-33-09 W80-44-38.

CONSTRUCTION PERMITS

660	KGDP	CA Oildale - CP granted to move here (ex: Orcutt) with U4 8000/6000. Their CP for U4 5000/5000 has been deleted with this action.
-----	------	---

AMENDMENTS TO CONSTRUCTION PERMITS

1320	WJAS	PA Pittsburgh - Licensed for U2 5000/5000, WJAS has CP for U4 7000/5000. This amendment requests U4 7000/3300.
------	------	--

APPLICATIONS

- 560 CHVO NL **Spaniard's Bay** - Applies to move to 103.9 MHz with 14 kW at 124.1 metres.
- 1080 WOAP MI **Owosso** - Licensed for D1 1000/0, WOAP has been silent since April 15, 2006 due to financial difficulties. They have a pending application for U4 50000/2500 from a new transmitter site along with a change in City-of-License to Waverly, Michigan. This amendment requests a change in the transmitter site, plus they want to delete the nighttime part of the application leaving them with D3 50000/0.
- 1100 WISS WI **Berlin** - Applies to increase their daytime power to become D3 14000/0.
- 1140 CBI NS **Sydney** - Applies to move to 97.1 MHz with 61.4 kW at 122.9 metres.
- 1590 WPSN PA **Honesdale** - Applies to add nighttime service as U1 2500/15.

AMENDMENTS TO APPLICATIONS

- 700 WDMV MD **Walkersville** - Licensed for D3 5000/0, WDMV has a CP to move to **Poolersville, Maryland with D3 25000** and an application for D3 50000/0 back at Walkersville. This amendment requests D4 50000/0 CH 50000 at Walkersville.
- 810 WBIC GA **Royston** - Three days after applying for U2 1200/600 and moving to 830 kHz, and "after further engineering scrutiny", WBIC submitted an amendment for U13 4000/600 CH 4000 on 830. U13 = same pattern days and CH; different pattern nights.
- 1150 WRUN NY **Utica** - Licensed for U4 5000/1000, WRUN applied for U4 4000/480, but now has amended the request to U4 4000/400.
- 1340 NEW MI **Houghton** - Initial application was for U1 1000/900. This amendment requests U1 1000/720.
- 1370 WSLW WV **White Sulphur Spring** - This one is almost as good as a daytime serial . . . WSLW submitted an Auction 84 application to move to Bexley, Ohio (a Columbus suburb, 135 miles northwest of White Sulphur Springs) with D3 250/0 and change frequency to 1000 kHz, building three new towers. They amended the application to D3 350/0 from four towers at a new site at Bexley. Now they have submitted another amendment to add two towers to the WVKO-1580 4-tower site, using all six for their array, but back to the D3 250/0 power level. WVKO, by the way is silent, but has a CP for an upgrade.
- 1520 NEW MS **Petal** - Initial application was for U12 3000/250 CH 3000. This amendment requests U7 50000/700 CH 40000.

APPLICATIONS REINSTATED

- 1170 WKFL FL **Bushnell** - Licensed for D1 1000/0, WKFL applied for D4 10000/0 CH 5000 but was dismissed by the FCC. They resubmitted the application addressing those issues which caused the dismissal, and the FCC has accepted it.

APPLICATIONS/CONSTRUCTION PERMITS DISMISSED

- 1210 KGYN OK **Guymon** - Application was to move the station to Oklahoma City, Oklahoma with U4 50000/10000.
- 1410 WQBQ FL **Leesburg** - Construction Permit was for U5 10000/90.

HEAR AND THAR

Back on the air: **WVZN-1580 Columbia, Pennsylvania** with Spanish religious music full time.

Blizzard-like conditions caused a guy wire to fail at the **WFIN-1330 Findlay, Ohio** transmitting site on Tuesday, February 13, causing the station tower to collapse and force the station off the air. A last-minute report: WFIN is back on using temporary facilities and looking ahead to replacing the tower. Also reported as Silent: **KAXX-1020 Eagle River, Alaska**, (the station is being sold).

Fines (in order of monetary value): **KFFF-1260 Boone, Iowa** (and KFFF-FM), \$20,000 for public file violations; **KHPP-1140 Waukon, Iowa**, \$7,000 for failure to timely file renewal application and unauthorized operation (they were on 1140 when the infraction took place); **KGAF-1580 Gainesville, Texas**, \$3500 for failure to file for renewal in a timely manner and unauthorized operation.

Back in **Issue 18** I mentioned the once-popular Vane Jones Radio-TV Station Guide published by Sams Publications. I received an inquiry concerning the book, and can add only that Mr. Jones

passed away many years ago and the handy little book hasn't been published in about 20 years. The last edition I have is from 1984. **John Bowker** tells us: "Mr. Vane A. Jones published his first radio station guide in 1958. I submitted many changes to him over the years he was the editor for Sams Publications (Howard W. Sams & Company) and, at one time, had a half dozen acknowledgments from him. His log books pretty well did in the White's Radio Log although the White's book made a brief re-appearance (in the 80s?) as part of another publication. My most recent copy of the Vane Jones "North American Radio TV Station Guide" is 1981." We'd like to hear from anyone who can add to these facts or other personal memories about the Guide, which was an ideal size and always a favorite with DXers. [My last Vane Jones is the 15th edition from 1984. The last White's came out around 1985 as a separate perfect-bound publication and included a listing of North American AM, FM, and TV stations plus a selection of "worldwide shortwave stations". It did not include anywhere a publication date; it was simply "Volume 1, Number 1". A foreword by Don Jensen noted that the last White's that appeared as part of *Communications World* magazine was in 1981, when CW ceased publication. In the listing of credits at the end of the book are such NRC'ers as Nolan Stephany, Fritz Mellberg, Cristos Rigas, Karl Forth, Chris Lobdell, Richard D'Angelo, John Wallace, and Steve Wiseblood; Don Erickson proofread the book, and Glen Hauser, Harold B. Frodge, and Al Quagleri contributed in other ways -pls.]

□ Update on **KTRB-860 San Francisco via Al Tobia**: "They are only using one transmitter site and gave up on two-site operation. The site is near Livermore, California. I'm sure when FCC updates info you'll have it. Format now is just late 60's / early 70's SF rock music (just music now) but official format suppose to debut 3/1." [Editor's note: The latest FCC data indicates their CP is for two sites, but they have a later application which states only one.]

□ Thanks to **Shawn Axelrod, Perry Crabill, Patrick Griffith, Wayne Heinen, Deane McIntyre, Al Tobia, Fred Vobbe, Frank Welch . . . and the Vienna Boys Choir.**

Geomagnetic Summary

Phil Bytheway phil_tekno@yahoo.comt
9705 Mary NW
Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary December 1 through December 31 2006

SWF - Space Weather Forecast

maf - major flare

mas - major storm

mis - minor storm

pca - polar cap absorption

SWT - Space Weather today

spe - satellite proton event

ss - severe storm

Tabulated from email status daily.

	12/ 1	84	20	1	minor	Date	Flux	A	K	Space Wx
	2	84	5	2	no storms	12/17	82	12	3	no storms
	3	87	3	1	no storms	18	81	5	2	no storms
	4	87	2	0	no storms	19	75	7	2	no storms
	5	92	0	0	no storms	20	73	13	1	no storms
	6	102	3	1	strong	21	72	19	3	no storms
	7	103	24	4	strong	22	72	18	2	no storms
	8	96	22	3	strong	23	73	18	2	no storms
	9	96	25	3	moderate	24	73	19	4	no storms
	10	92	5	2	moderate	25	74	13	3	no storms
	11	x	x	x	x	26	76	7	1	no storms
	12	92	12	2	minor	27	75	4	1	no storms
	13	102	22	4	minor	28	73	3	2	no storms
	14	94	10	1	strong	29	76	2	0	no storms
	15	93	28	4	strong	30	78	1	1	no storms
12/16	87	70	3		severe	12/31	80	1	0	no storms

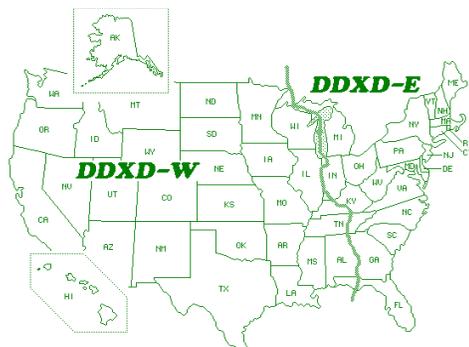
Please preserve these QSL's
for future display!
Do not discard these items
For preservation information
contact the:

If you are interested in helping preserve the history of our hobby through preserving your collections, you should consider ordering a supply of these free 3-inch-square stickers to place on your veries, recordings, etc. Specify the number you need, and order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. Include an SASE. Don't wait until it's too late - order now.

Domestic DX Digest

West: Bill Dvorak westlogs@aol.com (Division line
3358 Ridgeway Ave. - Madison, WI 53704-4327 is between East
and Central time
zones)

East: Mike Brooker aum108@idirect.com
99 Wychcrest Ave - Toronto, Ontario M6G 3X8 CANADA



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

DDXD-West

FROM THE VAST WESTLAND

- ▲ This week we welcome another DXer to our growing group of **Vast Westland** reporters: **Forest Osborn** from the Oklahoma Panhandle town of Hooker. Says Forest: "I belonged to the NRC back in the late '70s and early '80s, but due to many other projects and life changes, I got away from MW stuff for many years. Now, I have at least a little time to play around and have rejoined just this month." We are glad you did, Forest, and look forward to your loggings!
- ▲ This week we feature loggings from a couple of familiar DDXD-W contributors in a couple of unfamiliar places. **John Tucker** of Mesa AZ recently hit the road for what he calls his "'Utah Odyssey' DXpedition." Says John: "It was a great trip! I covered a good chunk of central Utah and saw some nice country and great small towns. I love photographing historic downtown areas and central Utah has some of the best. Still lots of snow up there, but dry highways and decent weather allowed access to scenic spots over 9000 feet above sea level." Also on John's program: station visits to KMTI 650 and KOAL 750 and hotel room DX with his R75 and Quantum loop. His DX results are below.
- ▲ The second mobile reporter is **Karl Forth** of Chicago IL. From 2/3 to 2/10, while much of the Continental US was in the throes of a terrible cold wave, Karl was enjoying the Big Island of Hawaii! Great timing, Karl! Also on his program: a visit to and some casual tuning with fellow NRC DXer **Richard E. Wood**, and nightly DX from the hotel, the results of which you can see below.
- ▲ We all know that AM IBOC sidebands can be heard for hundreds of miles on analog receivers. Also, as previously witnessed in this column, text ID "hits" from similar distances have been displayed by HD receivers, even though the actual IBOC signal did not decode. This week **Doug Smith** from near Nashville TN reports accomplishing the next step: "For the first time, I've received digital audio from a distant station. Noticed 1030 and 1050 essentially buried in WHO-HD sidebands (on the ham rig) and 1040 essentially local quality, so quickly grabbed the Receptor HD and hooked it to the 700-foot west Beverage. I was almost immediately rewarded with a WHO 'text ID' on the display-- and a fraction of a second later, with WHO digital audio. It stayed in with digital for about 90 seconds before fading a bit and going back to analog." You will see Doug's formal logging in the "Regular Loggings" section below. This is proof that IBOC DX is possible -- but please note the length of Doug's Beverage and the short time span the signal was in before concluding there is a future in it.
- ▲ Just what are the calls of that Kansas City station on 1660 anyway? The answer can be found in "Station News" below, renamed for this week only "**Downright W-DAFfy!**"
- ▲ A sure sign that spring is close: Next week is the last weekly DDXD-West before going to three biweeklies, then on to the monthlies. That means there is only this one last time this season to say CUN7! 73 **Bill**

Reporters

DS-TN	Doug Smith W9WI, Pleasant View. Yaesu FT-1000MP, 700-foot west Beverage.
DS-TN1	Doug Smith W9WI, Pleasant View. Boston Acoustics Receptor HD, 700-foot west Beverage.
FO-OK	Forest Osborn, Hooker. Hammarlund HQ-150 with a recently added ESP DD-103 digital readout, 100-foot longwire and Philco small loop.
GH-IL	Greg Harris, Park Forest. Icom R75 / Quantum Loop.
GH-KS	Gary Houdek, Munden. GE Superadio.
JJR-WI	John J. Rieger, South Milwaukee. Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp GE SR111.
JT-UT	John Tucker KG7RS, DXing from Price. Icom IC-R75 with Quantum QX Loop V2.0.
JW-CO	John Wilkins, Wheat Ridge. Drake R-8, 4-foot box loop.
KDF-HI	Karl D. Forth, DXing from Keaau. Sangean ATS-909.

- MD-AZ **Mike DeWan, Tempe.** Hammarlund HQ-129-X with NRC FET altazimuth loop,
 PG-CO **Patrick Griffith, Westminster.** Drake R-8 and Kiwa loop.
 PLS-KS **Paul Swearingen, Topeka.** Station news.
 WH-CO **Wayne Heinen, Aurora.** Drake R8B, N/S Flag, E/W Flag, Modified 4 foot NRC Altazimuth loop, 15 foot vertical whip, Dual TG-1 Termination Gizmo w/2 BUF-F amplifiers, Mini-DXP5, DX Engineering RPA-1.
 Ed.-WI **Your editor, Madison.**

Station News: Downright W-DAFfy!

EDITOR'S NOTE: "To be KXTR or to be WDAF-- that is the question!" Here in chronological order is the saga of the call change on 1660, presented in logging form:

- 1660 KXTR KS **Kansas City. 1/18.** At the deadline for DDXD-W #74-17, rumors that KXTR was changing calls to WDAF were making the rounds on the Internet. According to these postings, the apparent reason for the proposed call change was an attempt by station owner Entercom to save the heritage calls WDAF. The station's website logo reflected this change and **J E Lewis** reported hearing these calls on air. However, the FCC database still showed the old KXTR calls at column deadline. **(Ed.-WI)**
- 1660 WDAF KS **Kansas City. 1/25.** By the deadline for DDXD-W #74-18, **Bill Hale** in AMS was reporting that KXTR was now WDAF. In DDXD-W your Editor observed: "Now the question is: What will happen to the calls KXTR, which also are historic Kansas City call letters?" As it would turn out, this question was more than rhetorical. **(Ed.-WI)**
- 1660 WDAF KS **Kansas City. 2/8.** By the deadline for DDXD-W #74-20, there were other developments in this story. Despite the call change, the new calls WDAF were not being reported, as the station was still calling itself "Classical 1660 KXTR." The station's website, which had not changed its URL (remaining <http://kxtr.com> throughout), made no reference to WDAF. **J E Lewis** was reporting that according to the *Kansas City Star*, the calls had been changed back to KXTR, but again the FCC Database did not reflect this. Then on 2/10 **Paul Swearingen** reported (next item) how the calls were being used and gave some insight into the station's present operation. **(Ed.-WI)**
- 1660 WDAF KS **Kansas City. 2/10.** I can confirm, finally, that WDAF 1660 is actually using these call letters, although at all other times, even right after the legal ID, the drop-in non-IDs are something like "Classical 16-60, KXTR." I heard a very muted "WDAF Kansas City" at 4 pm Saturday 2/10, after listening from 12:55 (while I was laying out DXN) and not hearing a single legal ID until 4 pm. The Metropolitan Opera broadcast was on, and even though they allowed a one-minute, announced station break at about 1:55, all I heard was one minute of dead air. During the opera broadcast, there were numerous dropouts (when the soprano hit the high notes, hi), and the broadcast quality was very poor. It's very obvious to me that the station is unattended, automated and satellite-fed, a far cry from the days when it was on FM and locally-originated from studios in Independence MO (located on Swearingen Road, of all places). **(PLS-KS)**
- 1660 KXTR KS **Kansas City. 2/15.** **Bill Hale** in this week's AMS reports that the call change back to KXTR has now taken place. Unclear in your Editor's mind is just why this whole dance took place in the first place. It is clear, however, why so much interest in this story was shown by DXers. Heritage calls are thought of with great fondness by DXers, along with three-letter calls, "W" calls west of and "K" calls east of the Mississippi. We genuinely mourn when they disappear from the AM dial, and celebrate those rare times when they reappear, if even briefly. **(Ed.-WI)**

Presumed, Tentative, UnID

- 840 KXNT† NV **North Las Vegas. 2/9 0459.** Tentative, with talk program, ID that sounded like "AM 840, this is the new KXNT." **(KDF-HI)**
- 1020 UNID **2/11 2136-2206.** Alternating test tone and announcement "CBS Radio Network, channel 42." Any ID appreciated. **(FO-OK)** (You probably will not find the answer to this one, Forest. What you are hearing is a glitch in the automated system-- the station is tuned to a transponder that is not running program-

ming. Ed.-WI)

- 1190 UNID TX 2/8 2258. Heard "Cowboy 1190 Classic Country," then C&W music. Station call letters not heard. (GH-KS) (KFXR Dallas TX uses that slogan and has that format, Gary. Ed.-WI)
- 1500 KBRNt TX Boerne. 2/13 2216. Latino tunes, frequent "La Caliente Mil Quinientos AM, San Antonio" non-IDs; possible ad(s) at 2245. Generally poor in KSTP null. Boerne is near San Antonio so am guessing that this may be KBRN. Listed as a silent daytimer and C&W-- back on the air with new format and 15 watt night power? (JW-CO) (Definitely one to watch. If anyone knows what this station is, please let us know. Ed.-WI)

Regular DX Loggings (times in ELT)

- 570 KQNG HI Lihue. 2/10 0032. With "AM 570" and "kong" mentions, promo for "Ask the Handyman" program, and ads for Lihue and Princeville. (KDF-HI)
- 580 KMJ CA Fresno. 2/7 2321. One of strongest California regionals during February 3-10 week in Hawaii, with many ads, ID. (KDF-HI)
- 580 WCHS WV Charleston. 2/10 2233. "West Virginia's best (missed) WCHS, the Voice of Charleston" by a male announcer. Weak. (GH-IL)
- 600 CKAT ON North Bay. 2/6 0628. Poor, steady with calls, C&W. Not noted in about a year. Quick fade. (JJR-WI)
- 600 CJWW SK Saskatoon. 2/8 0724. Poor but clear with C&W. Thought it was CKAT, until Saskatoon mentions, regional weather after ads, jingle and "minus 29 (C) at CJWW Saskatoon; it's 6:27." (JJR-WI)
- 610 WIP PA Philadelphia. 2/12 1815. Sportscast and sung jingle "WIP." Good signal. (GH-IL)
- 620 CKRM SK Regina. 2/8 2125. Fair signal with contemporary C&W music and clearly heard call-sign ID. Faded out for long periods. (JT-UT)
- 620 KMKI TX Plano. 2/8 2200. "Your music your way, KMKI" at ToH, into usual Radio Disney music programming. Fair signal in the mix. (JT-UT)
- 620 KTAR AZ Phoenix. 2/8 2205. Good signal with Arizona State vs. Oregon basketball game. Nice to hear a local while on "DX-pedition." (JT-UT)
- 670 KLTT CO Commerce City. 2/8 1859. ID and religious program, website "Linda McDonald.org." (FO-OK)
- 690 WZAP VA Bristol. 2/12 1815. "Fiddle" music and then "690 AM WZAP" ID by a male announcer and a "we are reducing power" statement. Good signal until power drop. New. (GH-IL)
- 740 KTRH TX Houston. 2/4 0340. Fair with talk program, ID and promos. KCBS not heard this week. (KDF-HI)
- 750 KFQD AK Anchorage. 2/10 0400. Poor to fair with ID, mostly under KXL. (KDF-HI)
- 750 CKJH SK Melfort. 2/10 0722. "Oldies Radio CK-750" with rock oldies. Good signal until 0735 when it faded out completely over a period of about one minute. (PG-CO)
- 780 KKOH NV Reno. 2/4 0405. With local news, ID; often here with one or two other unIDs. (KDF-HI)
- 860 KTRB CA San Francisco. 2/3 0324. With IDs, 1960s music; was one of the strongest California signals in Hawaii this week! (KDF-HI) (And the first logging of this former Modesto station to appear in DDXD-W since their move to San Francisco. Ed.-WI)
- 860 CBKF-2 SK Saskatoon. 2/9 2300. "Ici Radio Canada" by a man, CBKF calls by a woman. Fair. (WH-CO)
- 870 WWL LA New Orleans. 2/7 2312. Weak to fair with high school sportstalk, ID. Also heard 2/10 0025. Was the farthest east logging from Hawaii this week. (KDF-HI)
- 880 CHQT AB Edmonton. 2/8 0715. Poor but steady in WCBS null. "Cool 880" jingle. Second time heard, but loud! (JJR-WI)
- 880 KRVN NE Lexington. 2/9 0415. With Nebraska and Midwest weather; no ID heard. (KDF-HI)
- 890 KLFF CA Arroyo Grande. 2/7 0459. With end of religious program, ID. Fair to good. (KDF-HI)
- 910 KRAK CA Hesperia. 2/8 2222. "910 KRAK" announcement into "Baby I Need your Lovin'" by Johnny Rivers. Good signal. (JT-UT)

- 930 KSEI ID Pocatello. 2/10 0323. Ad at 0323 and again at 0339 for free winch and plow with purchase (of ATV?) from Bob's Intermountain RV and Marine. Ad at 0339 for Mountain West Financial, then "ESPN Sports, KSEI 930". Fair to poor. (MD-AZ)
- 930 KIUP CO Durango. 2/10 0400. ToH ID: "Sports 930...KIUP Durango." Fair to poor. (MD-AZ)
- 940 KPSZ IA Des Moines. 2/8 2236. "Today's Christian Music 940 KPSZ," commercial for Praise 940 Getaway Package, into music. (JT-UT)
- 950 KJR WA Seattle. 2/10 0300. Fair to good with local ads, ID, talk program. (KDF-HI)
- 960 CFAC AB Calgary. 2/8 2254. "The Fan 960, your home for the Calgary Flames" and "Calgary's Number One Source for sports." This fast-paced sporting news station was dominating the frequency. Wonder why I haven't heard this one at home in AZ yet? (JT-UT)
- 960 KNDN NM Farmington. 2/8 2300. "KNDN Farmington" at ToH into traditional Navajo chanting and music. Only running 163 watts, but fair signal. Noted to be slightly off frequency. (JT-UT)
- 960 KNEB NE Scottsbluff. 2/8 2302. "Boys' basketball on KNEB Scottsbluff and KRVN Lexington" and play by play. (WH-CO)
- 960 KGKL TX San Angelo. 2/9 0006. "Right here on AM 960 KGKL." Weak under CFAC. (WH-CO)
- 1030 KTWO WY Casper. 2/10 0817. With Saturday morning magazine, C&W music, several IDs. Weak signal here most of the week; finally IDed. (KDF-HI)
- 1040 WHO-HD IA Des Moines. 2/13 0800. With local news, frequent call mentions, "text ID" on HD Radio display. This is the first DX IBOC station to deliver digital audio here, with approximately 90 seconds of digital audio right at the top of the hour, then faded out, then back in briefly at 0806. (DS-TN1) (Distance Nashville to Des Moines is approximately 510 miles Ed.-WI)
- 1050 KLOH MN Pipestone. 2/3 2055. Fair and loud. Legal ID into satellite Saturday night request show. C&W over semi-local WLIP. (JJR-WI)
- 1090 KVOP TX Plainview. 2/7 0105. "The Mighty 1090 KVOP" heard under strong co-channel QRM from unID Fox sports station. (JT-UT)
- 1090 KVOP TX Plainview. 2/11 2157. Sportstalk radio, ad for Plainview Dodge dealer, ID. (FO-OK)
- 1100 KFAQ CA San Francisco. 2/7 2328. With religious program, "Spirit of the Bay" ID. (KDF-HI)
- 1140 CHRAB AB High River. 2/8 0010. "Southern Alberta's Community Radio Station, AM 1140", into song "Something That We Do" by Clint Black. Excellent signal was mostly in the clear. Love those Canadian stations! I'll be listening for this one at home. (JT-UT)
- 1150 KSAL KS Salina. 2/9 2208. ID and local high school basketball game. (FO-OK)
- 1150 KTLK CA Los Angeles. 2/10 0416. With ID "L.A.'s Progressive Talk," promos, mentions of www.ktlk1150.com. Strong signal, but heard this date only (KDF-HI)
- 1160 KHPP IA Waukon. 2/1 0649. Poor over WYLL until signal faded. Calls after ABC news, which ran at 50 minutes after the hour. (JJR-WI)
- 1180 KYDZ NE Bellevue. 2/8 0004. "La Bonita AM 1180 KYDZ Bellevue-Omaha." Mixing with the Cuban. (WH-CO)
- 1210 KGYN OK Guymon. 2/2 0326. Fair killing WPHT. Calls, C&W. (JJR-WI)
- 1240 KELK NV Elko. 2/15 0958. C&W song in progress; legal ID by man at 0959:53: "Always more from your friends (?), 1240 AM KELK Elko-Carlin-Spring Creek and Wells"; ABC news followed at ToH. Fair atop others for a short while. Last logged here in a previous century. (JW-CO)
- 1290 KUOA AR Siloam Springs. 2/11 0805. "AM 1290 KUOA Siloam Springs" to Fox news. (WH-CO)
- 1290 KWFS TX Wichita Falls. 2/11 2000. "Twenty-four hours a day, NewsTalk 1290 KWFS Wichita Falls" to Fox news. (WH-CO)
- 1310 KMKY CA Oakland. 2/10 0020. With Radio Disney program. Fair to good. Often heard this week, but no ID heard. (KDF-HI)
- 1310 KZRG MO Joplin. 2/13 0724. Very good with ad for St. Luke's Hospital 417-358-9084, "Newstalk 1310 KZRG" ID. (DS-TN)
- 1330 KLBS CA Los Banos. 2/5 0310. Clear signal with Portuguese program. No ID heard, but this is KBLB per Richard Wood. (KDF-HI)

1350	KSRO	CA	Santa Rosa. 2/6 0400. With ID, CNN news. Fair signal. (KDF-HI)
1460	KXNO	IA	Des Moines. 2/1 2157. Just caught ID on the hour. (FO-OK)
1460	KION	CA	Salinas. 2/6 0200. With ID and news, talk program. (KDF-HI)
1470	KKTY	WY	Douglas. 2/10 0747. "Classic 14-70 KKTY." Good signal over KEPL with rock oldies and local announcements. (PG-CO)
1470	KEPL	CO	Estes Park. 2/10 0839. Mostly under KKTY with promo for Valentine's Day contest and mention of Rocky Mountain National Park. (PG-CO)
1480	WBBP	TN	Memphis. 2/3 0803. Poor with others. Calls. (JJR-WI)
1480	KYOS	CA	Merced. 2/5 0305. With ID "Newstalk 1480 KYOS." Fair to good. (KDF-HI)
1490	WTIQ	MI	Manistique. 2/2 0121. Poor; calls during fade-out. Oldies. (JJR-WI)
1490	KTTR	MO	Rolla. 2/13 0707. In mess with local news, quick call ID. (DS-TN)
1550	KKJY	NM	Albuquerque. 2/14 0900. Legal ID by gal at 0900:40: "...the home of New Mexico's soft favorites is KKJY Albuquerque, a New Mexico-owned Vanguard Media station," followed by "Road Runner Traffic." Good signal. (JW-CO)
1580	KBLA	CA	Santa Monica. 2/10 0100. With talk program in Spanish, ID and mentions of Santa Monica and Los Angeles. (KDF-HI)
1600	WKKX	WV	Wheeling. 2/6 0630. Poor over WAAM. Calls and chatter. (JJR-WI)
1600	KXTA	UT	Centerville. 2/12 1934. Latino tunes; Salt Lake City area ads; legal ID heard under mostly-nulled-but-still-pesky KEPN as "KXTA Centerville-Ogden-Salt Lake City, La Bonita Mil Seiscientos AM" and into more music. Good on peaks but fadey. Last heard as KSGO a couple of call changes ago. (JW-CO)
1600	KGYM	IA	Cedar Rapids. 2/14 2002. Iowa State University women's basketball play-by-play; occasional local ads; came up nicely for legal ID at 2058:40. Spotty reception with KXTA QRM in the null of local KEPN. Ex-KCRG. (JW-CO)
1620	KOZN	NE	Bellevue. 2/10 1753. ID as "1620 the Zone" and then Nebraska U. basketball. (FO-OK)
1630	KCJJ	IA	Iowa City. 2/1 2120. ID and mention of Iowa City. (FO-OK)
1650	KWHN	AR	Fort Smith. 2/9 0831. Oklahoma and Arkansas news; weather, business report, local ads, etc.-- typical wake-up fare; call letter IDs. Fair with local KBJD mostly nulled. Gradually weakening as the skip was disappearing. (JW-CO)
1670	WTDY	WI	Madison. 2/1 2230. ID on the half hour. This is usually on top of this frequency in the evenings here. (FO-OK)
1670	WTDY	WI	Madison. 2/5 0833. ID: "WTDY, it's 7:33 and 19 degrees below zero." Then talk about the Super Bowl. (GH-KS) (Ah yes, minus 19-- I remember it well! Ed.-WI)
1680	KRJO	LA	Monroe. 2/1 2255. Gospel music until ID on the hour. (FO-OK)

DDXD-East

Please note that there will not be a DDXD-East 74-22. The next deadline (for DDXD-E 74-23) will be March 9...yes, the end of the weekly *DX Newses!* Spring must be coming!

REPORTERS

BC-NH	Bruce Conti, Nashua - R8B, MWDX-5, 50 x 75-ft terminated broadband loops east and south.
HF-MI	Harold Frodge, Midland - Drake R8B + 215' center-fed RW, 85' end-fed RW, 125' bow-tie
MH-NC	Mike Hardester, Jacksonville - ICOM R-70 and Radio West 22" Loop
DP-HI	Dale Park, Honolulu - station news.
RP-IN	Robert Pote, Greenwood - Drake R8A and Quantum Loop
NjW-BR	Niel Wolfish, Toronto - DXing in Burnt River, ON with AOR-7030+, longwire & Radio West Loop
MKB-ON	Mike Brooker, Toronto - Grundig YB-400PE, Panasonic RF-2200

STATION NEWS

540	WLIE	NY	Islip - Per <i>New York Daily News</i> , station dropped business news-talk and is leasing time to Christian Hispanic organizations, featuring Central and South American programming. There go the Long Island Ducks broadcasts! (DP-HI)
1300	WAVZ	CT	New Haven - Per <i>New Haven Register</i> , station dropped liberal talk (Jones Radio, Air America Radio, WOR) after nearly two years 2/04 and switched

back to sports. Station slogan is "ESPN Radio 13 Hundred AM, New Haven's Sports Leader"; in its previous incarnation WAVZ was a Fox Sports affiliate. **(DP-HI)**

UNID/PRESUMED

- 1040 - 2/7 1810 - Spanish music with man speaking in SS in between songs, very strong signal almost local like, way over usual WHO. Might possibly be WPBS in Conyers, GA but am not sure. **(RP-IN)**
- 1690 WMLBp GA **Avondale Estates** - 2/15 1914 - Very wide variety of tunes; oldies, standards, C&W; 1927 "AM 16-90 Arts Guide". Suddenly started challenging WVON/WPTX @1914 w/occasional peaks on top afterward. **(HF-MI)**
- 1700 - 2/9 1708 - While listening to KKLf(p) fight it out with KBGG(p), a synthesized voice weather broadcast bubbled up...for RI! **(HF-MI)**

TALKING HOUSE

- 1690 MI **Brighton** - 2/11 1404 - Ameritrust talking house; strongest on east side of US-23. **(HF-MI)**

THE SOUND OF SILENCE (S&G, 1966)

- 910 WSRP NC **Jacksonville** - 2/13 and 2/14 - noted silent 2/13 at 1310, and noted silent all day 2/14. Normal programming is Spanish language. No idea if it was silent earlier in the week, but this is motivation to do some DXing this PM. The last time 910 kHz was silent (during Gulf War 1), a nice log of Maine was made. **(MH-NC)**

LOGGINGS

- 530 CIAO ON **Brampton** - 2/2 1220 - man and woman with China Drive program & segment called The Dapper Dude, on fashion. All in EE. Good **(HF-MI)**
- 540 WRRD WI **Jackson** - 2/12 1231 - religious program; several ID spots from :56 to ToH as AM 5-40 The Word. Copyable at times u/CBEF. Listed as //1160 WYLL Chicago, but program was not //1160 at this time. **(HF-MI)**
- 610 WGIR NH **Manchester** - 2/11 1654 - Manchester Monarchs vs. Springfield Falcons AHL hockey. //930-WGIN. ID heard at 1702. Mixing with CKTB and CHNC. **(NjW-BR)**
- 700 WDMV MD **Walkersville** - 2/13 1744:50* - Closing announcements w/call ID & abbreviated SSB. One of 3 copyable peaks u/WLW since 1710, though other two were probably somebody else. MD #13. **(HF-MI)**
- 870 WINU IL **Shelbyville** - 2/10 2306 - Religious music heard under WWL. Caught ID at 2313. **(NjW-BR)**
- 880 WRFD OH **Columbus-Worthington** - 2/9 1752 - Fair, in WCBS null; promos for wrfd.com and 1-877-Bob-Live. **(BC-NH)**
- CKLQ MB **Brandon** - 2/9 2215 - Poor in WCBS null; "Looking for Love" by Waylon Jennings, local ad break, more C&W music, 2230 western Manitoba weather. **(BC-NH)**
- 910 WSUI IA **Iowa City** - 2/12 1904 - over all comers with NPR news, announcement by woman: "it's 6:04 and you're listening to All Things Considered on Iowa Public Radio". **(MKB-ON)**
- 940 WNRG VA **Grundy** - 2/12 1859 - wiping out nulled CINW (cheating on day power perhaps?) with e-harmony.com ad, TOH ID: "you're listening to solid gospel WNRG 940 Grundy", into SRN news. **(MKB-ON)**
- 970 WHA WI **Madison** - 2/10 1555 - Calling All Pets; WI Public Radio spot @1621. Under/over WKHM which was also carrying a pet program! **(HF-MI)**
- WZAM MI **Ishpeming** - 2/12 1757 - ID as "ESPN 9-70 WZAM Ishpeming-Marquette". Up from the mess; not new but rare. WKCI very tentatively there before this. **(HF-MI)**
- 1020 WPEO IL **Peoria** - 1/30 1753* - Heard as WPEO was ending its broadcast day, no SSB heard. Very good signal that conveniently faded up enough to hear it. **(RP-IN)**
- KJJK MN **Fergus Falls** - 2/11 1828 - Under KDKA with Beatles' "Please Please Me". ID at 1830 with slogan "always playing your favorites". Then played America's "Horse With No Name". **(NjW-BR)**

International DX Digest

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

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Transatlantic DX

- 162 **FRANCE** *France-Inter*, Allouis (47°10'N 02°12'E) FEB 10 2243-2300 - Man in French with Janis Joplin, French rap, English punk. Might have said "Radio Inter" at 2249. Got mushy at top of the hour, of course. Fair, copyable in AM mode. [Frodge-MI]
- 183 **GERMANY** *Europe 1*, Felsberg (49°17'N 06°41'E) FEB 10 2233-2240 - Man and woman in French, woman doing most of the talking, with lite pop music. Copyable only in USB. Terminator just here. [Frodge-MI]
- 234 **LUXEMBOURG** *RTL Junglinster* (49°40'N 06°19'E) FEB 10 0249 - Excellent with male DJ in French and Beatle protégé Mary Hopkin's 1968 hit "Those Were the Days." [DeLorenzo-MA]
- 531 unID FEB 13 0443 - First heard "Like a Rolling Stone," and then bits and pieces of instrumental and vocal songs, all audio was in English. Lots of 530 slop. At 0700 what sounded like a national anthem and by 0703 was gone. I sent an e-mail to Mauno Ritola and asked for his help. In his e-mail back he said, "It could be either Madeira or Faroe Islands. Maybe you heard Portuguese national anthem at the start of their daily programming and they faded away sounding like signing off? Faroe Islands is there with nonstop music at night, but this fits fine to Madeira, too. Impossible to say for sure, but these are the most probable ones." [Barstow-MA]
- 567 **IRELAND** *RTÉ 1*, Tullamore (53°17'N 07°22'W) FEB 14 0117-0137 - Fair with DJ reading Valentine's Day text messages from listeners, including one from "Sarah in Cork City," and playing love songs by Billie Holiday, Percy Sledge, and Mozart. [DeLorenzo-MA]
- 864 **EGYPT** *ERTU Santah* (30°45'N 31°08'E) FEB 15 2310 - Fair, over *France Bleu*; Koranic recitations. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford (51°10'N 03°21'W) FEB 10 0050 - Good; pop oldies music, "Ain't No Stoppin' Us Now" by McFadden and Whitehead, "I Can't Stop Lovin' You" by Ray Charles, and instrumental leading up to "BBC Wales" ID and BBC World Service news. [Conti-NH]
- 963 **PORTUGAL** *R.Renascença*, Seixal (38°38'N 09°05'W) FEB 15 2325 - Fair; telephone talk in Portuguese. [Conti-NH]
- 1179 **SWEDEN** *R.Sweden International*, Sölvesborg (55°59'N 14°40'E) FEB 11 2249-2259 - Strong in peaks with news in English including features on a Romanian reality TV program and gay & lesbian rights in Sweden. At 2259 interval signal and ID, "Radio Sweden, Stockholm." 1180 WHAM phase-nulled. [DeLorenzo-MA]

Pan-American DX

- 670 **CUBA** *CMQ R.Rebelde*, Arroyo Arenas (23°00'N 82°30'W) FEB 9 2330-2337 - Hoping to ID the English talker lurking under WSCR when "Radio Rebelde" suddenly came up at 2329, woman in Spanish, parallel 5025; peaked over WSCR briefly at 2236. [Frodge-MI]
- 870 **CUBA** *CMDT R.Reloj*, Sancti Spíritus (21°56'N 79°26'W) and unID FEB 10 0505 - Presumed CMDT dominant, over second unID delayed signal creating double minute marker and RR code. First time a second *R.Reloj* has been heard on this frequency. A new station? CMNG Pílon reactivated? [Conti-NH]
- 910 **CUBA** *CMHA R.Cadena Agramonte*, Camagüey FEB 16 0450 - Nice "Radio Cadena Agramonte, Camagüey" ID with time check, after a series of songs that sounded like dance tunes from the 1950's. Coming in very well tonight. Heard for the first time earlier in the season. [Renfrew-NY]
- 940 **PUERTO RICO** *WIPR* San Juan FEB 16 0725 - Continuous 1 kHz tone, under CINW and WNRG. This has been noted after 0430 for a couple weeks now. WIPR testing new transmitter site? [Conti-NH]
- 960 **MEXICO** *XEK* Nuevo Laredo, Tama (27°17'N 99°32'W) FEB 9 0459 - XEK callsign ID mixing with CFAC; fair. [Heinen-CO]
- 1100 **CUBA** *CMCH R.Cadena Habana*, La Salud (22°53'N 82°26'W) FEB 16 0715 - Presumed the source of loud wobbling noise



over WTAM. [Conti-NH]

1180 **CUBA** CMBA *R.Rebelde*, Villa María (23°07'N 82°22'W) FEB 8 0705 - "Escucha Radio Rebelde" ID mixed with XEDCH and KYDZ. [Heinen-CO]

Contributors

Roy Barstow, Falmouth MA; R-75, Flag at 63°.

Bruce Conti, Nashua NH; R8B, MWDX-5, 15 x 23-m terminated corner-fed broadband loops east and south.

Marc DeLorenzo, South Dennis MA; JRC NRD-525, Mini DXP-3 phasing unit, noise-reduced vertical, broadband loop and longwire.

Harold Frodge, Midland MI; R8B, 215-ft center-fed random wire, 85-ft end-fed random wire, 125-ft bow-tie.

Wayne Heinen, Aurora CO; R8B, north/south Flag, east/west Flag, modified 4-ft NRC Altazimuth loop, 15-ft vertical whip, Dual TG-1 Termination Gizmo with 2-BUF-F amplifiers, Mini DXP5, DX Engineering RPA-1.

Jim Renfrew, Holley NY; R8B, 200-ft wire west, 100-ft wire south, Quantum Phaser.

International News

PARAGUAY: 840 ZP6 *R.Guairá* does shift frequencies, at times, in order to avoid interference with *R.Bandeirantes*, in São Paulo. The shift is 835/840 kHz. 890 ZP33 *Radio 3 de Febrero*, Itá, can shift frequencies, in order to avoid interference with *R.Gazeta*, São Paulo. The shift is 885/890 kHz. I do not think that they presently use the shifting capability. [Adán Mur, ARC South American News Desk]

73 and Good DX!

Broadcast Test Report

Les Rayburn les@highnoonfilm.com
100 Centerview Drive, Suite 11
Birmingham, AL 35216-3748

A periodic update of station testing activities

Results Of WMRO 1560 & KRSN 1490 Dx Tests

WMRO 1560khz, Gallatin, TN

General Manager Scott Bailey has done a lot for DX'ers this season. Despite having to deal with a major medical crisis in his own family, Bailey found time to run "inventory insert" DX tests overnight on WMRO's low power, and then followed this up with a full power, 1KW ND test during some scheduled maintenance. We want to offer our sincere thanks to Scott, and offer our prayers for his family. I suspect that we'll have another chance at a full power test again soon, possibly even before the end of this season.

Here are the results:

Due to circumstances beyond his control, the test actually aired one hour before the announced time (1AM Central Vs. 2AM Central) Scott did his best to notify the DXing community of the change a few hours before the test, sending out e-mails to most of the major DXing lists. Several DX'ers also tried to keep everyone in the loop on #mwdx which is a chat room used by many MW DX'ers, especially during tests.

Despite this, more than one DX'er missed out on hearing the test due to the time change. Scott has already held out the possibility of another test when the station does maintenance again. Even with this handicap, quite a few DX'ers managed to pull in the 1KW ND signal.

First to report the test was Jim Pogue, KH2AR in Memphis, TN. He reported the station "fighting it out" with WPAD in Kentucky on his NRD-535. Jim uses the Wellbrook LA5030 loop to good effect.

Next up was Curtis Sadowski of Paxton, IL who heard WMRO fade up over WPAD. Wayne Heinen also reported hearing the solid sweep tones and Morse code from the test at over 1,000 miles away.

Maryland got into the act, courtesy of Bill Harms and his K9AY/EWE/Phaser antenna farm. He reported hearing the Morse Code and sweeps throughout the test period. Bill's made some pretty amazing catches with that combination of antennas this season.

WQEW proved no match for the sweep tones/Morse, when Marc DeLorenzo pulled in WMRO over this pest in South Dennis, MA. His Cape Cod QTH usually helps out with the TA's, but it's also a hot spot for domestic DX, as this logging proves. Dave Pyatt was able to snag the test from his home

in Burlington, Ontario. He used an NRD 545 and a homebrew box loop antenna to null the nearby WQEW and pull out the sweep tones/Morse signals from Tennessee.

An AOR 7030+, some EWE antennas, and a Quantum Phaser helped Mike Stonebridge of St. Isidore, AB snag Morse Code ID's out from under Radio Disney's WQEW. Also hearing the test was Lee Freshwater of Ocala, FL, and John Sgrulletta of Mahopac, NY.

The time change and/or conditions meant that a few folks also went home empty handed on this test. Among them was Bob Foxworth in Tampa, FL. I suspect the DX Gods were angry at Bob, since he hears almost everything from his Gulf Coast QTH. Another poor soul was Bjarne Mjelde, who couldn't pull WMRO out from under KKAA and WQEW.

Patrick Martin wasn't able to pull out the full power test, but actually did log one of the earlier "inventory insert" tests---quite a catch from the West Coast! His non-logging supports the theory that conditions were far from ideal on the evening of the maintenance transmissions.

For many in the East WQEW's dominant signal proved too much to overcome. That was the case for Russ Edmunds in Blue Bell, PA.nulling it also weakens the desired signal from WMRO, making reception especially difficult. J.D. Stephens of Hampton Cove, AL also was unable to pull in the test, though I suspect that J.D. lies inside the "cone of silence" of the station, being too close for the first hop, and too far away for groundwave reception.

SOAPBOX

Fade up over WPAD right before the sweep tones and Morse. "WMRO Blue October and Nickleback are up next!" I bet the tones and such confused what non-DX listeners they have this time of morning!
-Curtis Sadowski, Paxton, Illinois

WMRO made the trip with a single minute of sweep tones and Morse ID's surfacing over dominant KOCY last night... Nice tape and nice reception of 1 kW at 1020 miles -Wayne Heinen, Aurora, CO.

The WMRO 1560 test was heard in Maryland with voice IDs, music, sweep tones, and morse code IDs floating through WQEW with Disney programming. It was audible about 5 to 10 % of the time.
-Bill Harms, Elkridge, Maryland

WMRO was not heard here, which was the expected result. WQEW has a very strong signal here, and if I null WQEW, I'm at least partially nulling WMRO as well. Thanks go to Scott Bailey for running the test despite my result! -Russ Edmunds, Blue Bell, PA

KRSN 1490khz, Los Alamos, NM DX Test Results

In recent years our "model" for arranging new test has changed from the old method of "cold calling" on stations with request letters and phone calls, to our new method of relying more on personal contacts between members and broadcasters.

The success of the new method is hard to dispute. This test is a good case in point. The test was arranged almost entirely through the efforts of DX'er "Mesa Mike" Westfall, who reached out to the owners of his local graveyard station about the possibility of conducting a special DX test.

In this case, the BTC provided mostly moral and technical support, in the form of making up a CD of Morse Code ID's and sweep tones, and helping to get the word out. But all the "heavy lifting" was done by Mike. We're very grateful to him, along with Dave and Gillian, the owners of KRSN for this test.

Operating at only 640 Watts into a temporary antenna, this test did indeed prove difficult to hear, but some of the receptions prove that almost anything is possible if a station is sending Morse Code and Sweep Tones! A new GYDX record could have been claimed by at least two DX'ers thanks to this test. Before New Mexico was home to the world's first atomic bomb, it was the home of famous outlaw, Billy The Kid. In that spirit, we take you out West for the results.

Quickest on the draw was Martin Foltz of Mission Viejo, CA, shortly after the test began. Next up was Tim Hall in Chula Vista, CA.he has now managed to snag all three 1490 graveyard stations from the Land of Enchantment. Nice catch, Tim! This shooting was done from 656 miles away, which would be a new record reception of the flea-powered KRSN.

Arizona Territory is home of radio gunslinger Bill Prescott, who used the weapon that "won the waves", the Drake R8 to put another notch in his log.

Prospectors flocked to California in years past, and it seemed that DX'ers looking to strike Gold should heed the old advice, "Go West, Young Man!". Mike Sanburn of Bellflower, CA certainly found a nice nugget with his logging of the test on 1490.

Wayne Heinen is certainly a gun that's well known, even back East. He didn't even need his silver bullets to log KRSN on this night, though he did report their signal as a mite poorly.

A potential GY record may have been set by that Tennessee Terror, Jim Pogue of Memphis. Jim reported hearing snippets of code and sweep tones. He was sending the tape in for final verification. so we'll hold our breath until we see where the bullets land. Either Jim or Tim Hall is going to end up

with the prize turkey from this shoot.

Searching for distant graveyard stations can often turn into a one way ticket to boot hill, and that was the case for many a gun hand this time.

Mike Hardester used his trusty Icom R-70 and his Radio West loop for all they were worth, but couldn't manage to snag KRSN's test signals from North Carolina. Still he expressed gratitude for the test, and vowed to return again to dig another day.

Pete Taylor can do more with a Sony 2010 than a lot of men can do with a modern, DSP war wagon, but still he was no match for the QRM and poor conditions on this night. Tacoma's fastest gun will have to hope for another showdown in the future.

Any outlaw would be proud to own the arsenal of Doug Pifer of Albany, OR. Packing a Drake R8B, and the always dangerous KIWA Loop, Doug can usually hit whatever he aims for. But even these sidearm's were no match for 1490 on this night.

Another fast gun who was left to die in the dust was that "North of the Border badman", Nick Hall-Patch. He owns the street in the IRCA, but not quite fast enough for the likes of KRSN. Better luck next time, Nasty Nick!

You've no doubt heard of "Quigley Down Under", right? Just to prove that all the sharpshooters don't live in the West or even in North America. we heard from that legendary hired gun, Bryan Clark in New Zealand. Now he and his sidekick, wife Sandy can hear a pin drop on the X-band at 2,000 miles, but even their fast hands couldn't turn the knobs fast enough this time. But they've served notice to Tim Hall and Jim Pogue that the KRSN record may not be safe for long!

That's it for this time saddle tramps. thanks again to Mesa Mike Westfall for arranging this shoot-out. If any of you other drifters are interested in setting up a DX test, send me a wire. Have Code-Will Travel is my motto.

SOAPBOX

KRSN DX Test heard here, sweep tones and Morse code heard weakly. 12:00-12:10 AM PST. Thanks to all, I'm real happy with this one. -Martin Foltz, Mission Viejo CA

Fair signals, quite solid at times over UNID ESPN station (probably Tucson) with sweep tones and fast code IDs "VVV DE KRSN KRSN" etc. New; I now have all three 1490s in NM. -Tim Hall, Chula Vista, CA

I tuned, and tuned, and tuned. -Doug Pifer, Albany, OR

Finally went through the recordings, but no luck with any of the tests. Several KRNR ID's but that was it, though there was some odd chanting around 0108 MST which station was never ID'd. -Nick Hall-Patch, Victoria, B.C.

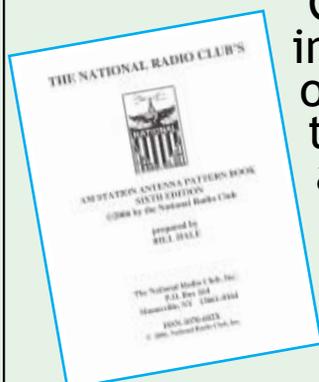
Just reporting in that I was unable to hear any evidence of your special DX Test broadcasts on Sunday morning 28 January despite monitoring all 3 notified transmission periods. Some music was heard on the frequency but too weakly to discern details. In addition, sideband interference from a new "local" 2000 watt station at Hamilton New Zealand (about 120 miles south of my listening location) on 1494kHz made monitoring difficult. -Bryan Clark Mangawhai-Northland New Zealand

The NRC AM Station Antenna Pattern Book

This Sixth-Edition Antenna Pattern Book now includes daytime and "Graveyard" frequency patterns for the first time. Stations

in Alaska and Hawaii are listed on separate pages at the end of the book. The basic list of U.S. and Canadian stations comes from the 26th Edition of the National Radio Club's AM Radio Log. Mexican stations in the states bordering the United States plus those

stations elsewhere which are easily heard in the U.S. and Canada are also included. All data is up-to-date as of November 1, 2005. Prices: \$16.95 to USA/Canada NRC members, \$22.95 USA non-members, \$25.95, Canada non-members/all overseas orders. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



Confirmed DX'er

Phil Bytheway phil_tekno@yahoo.com
9705 Mary NW
Seattle, WA 98117-2334

Your successes in obtaining QSL's and other station items

Welcome once again to another Confirmed DX'er. I'm Phil Bytheway, your new editor. I've been DXing since 1968 and have heard a little over 2100 stations. Right now, I use a Drake R-7 and a KIWA loop (thanks, Craig). I've only verified about 450 stations, mostly done before I graduated from college (when I had more time, hi), but I'm starting to write stations again. I also collect radio station stickers. When you get a verification, send your details to me for inclusion in this column; be sure to include the signer and any other "goodies" you received.

- | | | |
|------|------|---|
| 550 | KUZZ | CA Bakersfield. "Confirmed" written on report. This in 12 days for a follow-up. V/S Terry Gaiser, C.E. (Wilkins-CO) |
| 580 | KANA | MT Anaconda. F/D printable "map" e-mail verie from Les Rayburn for DX test. (Wilkins-CO) |
| 670 | WSCR | IL Chicago. P/D generic letter in 16 days for f/up. V/S Greg Davis, C.E. (Wilkins-CO) |
| 680 | KKGR | MT East Helena. Same as KANA. Had verified this a few years ago with a PPC, but the map is much nicer! (Wilkins-CO)
E-mail verie from Les Rayburn with test details and attached "spiffy" MT map .jpg. (Bytheway-WA) |
| 730 | KQPN | AR West Memphis. N/D "730 AM ESPN" folder card and sticker in 15 days. No V/S. (Wilkins-CO) |
| 750 | KERR | MT Polson. E-mail verie from Les Rayburn with test details and attached "spiffy" MT map .jpg. (Bytheway-WA) |
| 800 | WVAL | MN Sauk Rapids. Friendly f/d v/l in 101 days for report and \$1. Also included station profile and programming info sheets, several full color coverage maps, and bumper stickers for several stations. Mailed unfolded in large envelope. V/s: Carla Jurgens, Traffic. Add: Tri-County Broadcasting, Inc., 1010 2nd Street North, Sauk Rapids, MN 56379. (PG-CO) |
| 830 | KLAA | CA Orange. N/D letter, fridge magnets in 14 days. V/S Brian Clark, DoE. (Wilkins-CO) |
| 870 | KJMP | CO Pierce. PPC in 5 days. V/S R.J. Fox, OpsMgr. (Wilkins-CO) |
| 890 | KDJQ | ID Meridian. PPC in 13 days for f/up. V/S Robert Combs, Pres. (Wilkins-CO) |
| 1060 | KNLV | NE Ord. N/D letter, coverage maps, sticker in 21 days for f/up. V/S Jeannie C. Neidhardt. (Wilkins-CO) |
| 1070 | KNTH | TX Houston. PPC and info folder in 12 days for f/up. V/S ??, BusMgr. (Wilkins-CO) |
| 1100 | KQNM | NM Milan, PPC in 10 days for f/up. V/S Don Davis, Owner. (Wilkins-CO) |
| 1150 | KNRV | CO Englewood. PPC in 8 days for f/up. V/S Joel Humke, Contract Eng. New address is 2821 S. Parker Rd. #1205, Aurora, CO 80014. (Wilkins-CO) |
| 1200 | WRTO | IL Chicago. PPC in 24 days for 3rd f/up. V/S illegible. (Wilkins-CO) |
| 1310 | KEIN | MT Great Falls. E-mail verie from Les Rayburn with test details and attached "spiffy" MT map .jpg. (Bytheway-WA) |
| 1370 | KJCE | TX Rollingwood. P/D letter, copy of stn log, and stickers in 24 days from Ryan Schuh, P.D. (Wilkins-CO) |
| 1400 | KDTA | CO Delta. PPC in 7 days for f/up. V/S Ken Andrews, StnMgr. (Wilkins-CO) |
| 1510 | KCKK | CO Littleton. F/D letter and a bunch of goodies in 4 days. V/S Patrick M. Griffith, Certified Bcst Technician. (Wilkins-CO) |
| 1510 | KYOL | CO Littleton. PPC in 6 days from Rodger Tighe, CE. (Wilkins-CO) |
| 1550 | KICS | NE Hastings. PPC in 11 days for f/up. V/S ??, VP/GM. (Wilkins-CO) |
| 1560 | KLNG | IA Council Bluffs. PPC in 5 days for 3rd f/up. V/S Charles R. Yates, StnMgr. (Wilkins-CO) |
| 1570 | KBCV | MO Hollister. F/D letter, coverage map, sked in 7 days. V/S Paul Schneider, OpsMgr. (Wilkins-CO) |
| 1650 | KHRO | TX El Paso. F/D letter and PPC in 11 days for f/up. V/S Jim Lotspeich, CE. (Wilkins-CO) |
| 1660 | KXTR | KS Kansas City. PPC and frequency-only 8x11 "Bust of Beethoven" computer |

- 1680 KRJO verie in 18 days for f/up. V/S Ken Wolf, CE. (Wilkins-CO)
 LA Monroe. PPC in 7 days for 3rd f/up. V/S C.H. Murray, StnMgr. (Wilkins-CO)
- 1700 XEPE BCN Tecate. P/D e-mail verie in 1 hour from Bill Lipis, CE at blipis@earthlink.net . This was a f/up to several previous postal reports via addresses in both US and Mexico. (Wilkins-CO)

A big thanks to the following contributors:

Patrick Griffith, Westminster CO

John Wilkins, Wheat Ridge, Colorado... who adds: "Hi Phil - A rather dismal year with only 32 MW veries, compared to 59 last year."

Real Radio Needed on Local Scene

via Pete Kemp, from the New Haven Register

By Jerry Dunklee

Wanted: A few rich people who believe in public service. Or a collection of smaller investors who care about their community and are willing to put some money on the line. Why? To buy one of the local radio frequencies and turn it into a real radio station again.

Do you remember what radio was in New Haven? Do you recall the disc jockeys who broke the local hits? Do you remember Ron Rohmer on WELI? How about Bill Rock on WAVZ? WPLR used to have news team in the late '70s, and it was pretty good. WKCI did news too. Ken Main, who went on to work at CNN, led a news operation there in the late 1980s.

And WELI was a news leader. Eight to 12 local reporters covered the city and the suburbs. Every serious traffic accident, fire or crime was covered. So were local government and politics. WELI had local talk shows. Remember John Birchard or Chris Plass? When election time came, you could count on WELI to provide in-depth coverage. It went to every Board of Aldermen meeting and it even had an urban affairs reporter coverage the minority community, Really.

And they made a lot of money, because a lot of people listened. A new business in town could not afford to ignore radio advertising.

In the mid 1980s, Clear Channel bought WELI. Then it bought WAVZ and WKCI too. It brought all the stations together under one roof at Radio Towers Park in Hamden.

Then, it began the 20-year process of cutting the flesh and crushing the bone of local radio.

The New Haven stations were some of the first it bought, and what it did here was replicated all over the country. It cut local talk for syndicated, usually conservative, national talk hosts like Rush Limbaugh and Sean Hannity. It stopped doing much local public service; it cut local religious programs. It ripped news departments apart.

At the start of the new year, as Clear Channel begins to sell of its stations around the country, it eliminated the last two news jobs at WELI. Appar-

ently, your "local" news will come from Syracuse. Not one radio reporter will be left at the three stations.

Yale owns two radio stations in New Haven, 94.3 FM and 1340 AM, but they offer little that serves the area; nationally syndicated music and DJs from elsewhere, and a few student shows. No local news. No local talk shows. WQUN, owned by Quinnipiac University, has the only local news left in town. It tries, but has a small signal.

Does anyone care?

Younger people have grown up without a real local commercial radio presence. They don't know that stations are suppose to serve in the public interest; that the law says so. (Don't get me started on how the FCC and the federal government have failed to enforce it.) Young folks have missed the chance to hear local music, talk and news, so maybe they don't know enough to care.

But older citizens remember. I can't tell you the number of times people have asked me whatever happened to real radio. It can be so important for a community.

Is there a chance to revive good, local broadcasting? Can you make money doing it?

If you know most radio stations have profit margins between 30 and 60 percent, you understand you could do a lot of good work and still make a healthy profit. WELI, in its prime, made a lot of money. So did the other local stations.

That's why I posted my ad at the beginning of this essay. Psst. Wanna do some good? Buy a New Haven radio station and hire some local talent. Do news and talk and be a part of the community. New Haven is a fascinating and culturally rich place. It deserves radio stations that reflect that. If you build it, listeners will come.

Jerry Dunklee is a professor of journalism at Southern Connecticut State University, 501 Crescent St., New Haven, 06515. He was a talk show host on WELI from 1978 to 1985. E-mail: dunkleej1@southernct.edu.

Need more information about AM DX'ing?
 Mail a First-Class stamp to NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251 and ask for the NRC Publications Catalog.

Domestic DX Achievements

Paul Swearingen plsBCBDXER@aol.com

2840 SE Illinois Avenue

Topeka, KS 66605-1427

Domestic DX totals listed periodically in different categories

<i>Name and location</i>	<i>Yr</i>	<i>Last Upd.</i>	<i>DCH</i>	<i>PH</i>	<i>SH</i>	<i>TDH</i>	<i>SV</i>	<i>PV</i>	<i>TDV</i>	<i>TDT</i>	<i>ST</i>	<i>PT</i>	<i>DCV</i>	<i>DCT</i>
Geary, Kermit-e PA	1926	Jul-06	√	10	50	5939	50	10	5448	2768	49	10	√	√
Axelrod, Shawn M.-s MAN	1986	Feb-06	√	10	50	2149	0	0	0	0	0	0	√	
Chatterton, Ken-n NY	1945	Nov-78	√	10	50	1845	50	10	1101	0	0	0	√	
Krejny, Ed-nr Cleveland, OH	1950	Nov-96	√	10	49	3265	49	10	2729	0	0	0	√	
Falconer, Jeff-Clinton, ON	1969	Jul-00	√	10	49	2799	49	10	1070	0	0	0	√	
Whatmough, Dave-Hamilton, ONT	1951	Jan-00	√	10	49	2061	49	10	1030	0	0	0	√	
Fela, Joseph-cent. NJ	1961	Oct-78	√	10	49	1861	48	9	1045	400	40	7	√	√
Foxworth, Robert-Long Island, NY	1957	Nov-78	√	10	49	1000	48	7	270	400	44	9	√	√
Forth, Karl-vic Chicago, IL	1970	Nov-78	√	10	48	1771	48	10	1088	1077	48	10	√	√
DeLeurere, Harley-Hendricks, WV	1955	Oct-78	√	10	48	59	48	10	59	0	0	0	√	
Renfrew, Jim-Rochester, NY	1976	Oct-06	√	10	47	1709	45	10	449	68	35	8	√	
Kureth, Joe-Uniontown, MD	1961	Jan-00	√	10	46	2162	41	7	342	0	0	0	√	
Wolfish, Niel-Toronto, ONT	1978	Feb-93	√	10	43	1285	43	10	493	402	39	6	√	
Wesolowski, Ernie-Omaha, NE	1958	Jan-06	√	9	49	2321	49	9	1966	0	0	0	√	
Holland, George Jr., vic. Albany, NY	1931	Oct-06	√	9	49	828	49	9	828	0	0	0	√	
Francis, Steve-nr Knoxville, TN	1970	Sep-06	√	9	48	2739	36	0	37	719	45	5	√	√
Anderson, Roger-Arlington, MD	1938	Jan-06	√	9	48	1017	48	9	1017	0	0	0	√	
Edmunds, R. J.-n NJ/e PA	1962	Sep-99	√	9	47	2001	42	6	263	806	41	8	√	√
Musco, Ron-nr Hartford, CT	1962	Jan-07	√	9	47	1400	47	9	1269	108	28	3	√	
Arruda, Ray-nr Boston, MA	1963	Oct-06	√	9	47	1292	47	9	1150	0	0	0	√	
DeLorenzo, Marc-e MA	1962	Sep-00	√	9	45	1172	0	0	0	0	0	0	√	
Edmunds, R. J.-Syracuse, NY	1964	Sep-99	√	9	45	533	31	5	75	0	0	0	√	
Heinen, Wayne-NY	1964	Jan-06	√	9	44	480	44	9	429	30	14	0	√	
Hayes, Harry J.-ne PA	1970	Jul-98	√	9	41	1354	30	3	185	641	39	9		√
Bond, Jerry-Rochester, NY	1962	Oct-78	√	8	43	785	0	0	0	50	10	2		
Rigas, Christos-vic Chicago, IL	1981	Mar-98	√	7	46	862	44	6	382	0	0	0	√	
Wilkins, John-W. DesMoines, IA	1962	Nov-06	√	7	45	1307	44	7	489	0	0	0	√	
Swearingen, Paul-e KS	1975	Dec-06	√	7	44	886	2	0	2	886	44	7		√
Wallace, Jim-Columbus, OH	1969	Oct-78	√	7	41	795	36	3	137	0	0	0	√	
Malicky, John-Pittsburgh, PA	1970	Nov-87	√	7	40	1461	38	7	902	1184	40	6	√	√
White, Thomas-Arlington, VA	1968	Jan-92	√	7	39	994	38	7	243	0	0	0	√	
Kureth, Joe-Southern Pines, NC	1963	Jun-71	√	7	38	878	26	2	92	0	0	0	√	
Harrison, Bob-ne NJ	1982	Jun-98	√	7	36	996	36	7	772	0	0	0	√	
Mount, Paul-ne NJ	1973	Feb-86	√	7	36	489	33	6	224	199	26	5	√	√
Truax, Dick- vic. Louisville, KY	1972	Dec-78	√	6	46	935	17	3	20	120	35	5		√
Sampson, John-Omaha, NE	1954	Dec-78	√	6	45	912	45	6	912	0	0	0	√	
Jeter, Karl-Atlanta, GA	1969	Mar-84	√	6	44	1574	44	6	1193	0	0	0	√	
Onyschuk, Ken-Homewood, IL	1967	Aug-06	√	6	43	1064	13	0	16	0	0	0		
Taylor, Pete-Durham, NC	1952	Mar-00	√	6	40	891	38	6	208	0	0	0	√	
Sampson, John-New York, NY	1965	Dec-78	√	6	33	181	33	6	181	0	0	0	√	
Alves, Paul H.-nr Boston, MA	1948	Feb-99	√	6	32	352	25	5	145	0	0	0	√	
Ponder, Stephen-Shreveport, LA	1975	Aug-89	√	5	39	769	39	5	721	10	4	4	√	
Bailey, Ron-Shelby, NC	1992	Jan-07	√	5	37	1545	4	1	5	0	0	0		
Smolarek, Bob n NJ	1982	Jun-06	√	5	36	817	7	0	7	78	16	5		
Vervoort, John-Brooklyn, NY	2000	Nov-06	√	5	31	274	4	0	4	25	9	2		√
Vervoort, John-Bronx, NY	2003	Nov-06	√	5	22	144	0	0	0	0	0	0		
Jones, David B. - Springfield, TN	1996	Apr-06	√	4	34	464	30	4	168	0	0	0		
Mount, Paul-se OH	1978	Feb-86	√	3	36	390	3	0	3	60	25	1		
Crabill, Perry - VA	1990	Jan-06	√	3	35	779	0	0	0	0	0	0		
Taylor, Pete-Coral Gables, FL	1945	Mar-00	√	3	29	221	30	2	132	0	0	0	√	
Vervoort, John-Madisonville, KY	2004	Dec-07	√	2	32	300	0	0	0	0	0	0		
Vervoort, John-Murray, KY	2003	Jan-07	√	2	29	152	0	0	0	7	7	0		
Sampson, John-Winston-Salem, NC	1968	Oct-78	√	1	30	450	30	1	450	0	0	0		
Wolfish, Niel-Winnipeg, MAN	1985	Feb-93		9	37	813	10	4	25	113	10	4		
Schmidt, Dave-se PA/n DE	1965	Nov-79		8	48	1250	48	8	1006	400	40	4		
Pimper, Dennis-NE, UT	1939	Dec-06		7	47	2540	45	6	425	651	40	5		
Taylor, Pete-San Francisco	1958	Mar-00		7	32	450	31	7	329	70	6	1		
Sampson, John-Hutchinson, MN	1960	Oct-78		6	42	336	42	6	336	0	0	0		
Boersma, Philip-w MI	1973	Oct-78		6	41	520	24	3	50	0	0	0		
Wilkins, John-Wheat Ridge, CO	1981	Jan-07		6	40	1364	40	6	1088	620	6			
Reed, John-Ponca City, OK	1995	Jan-06		6	40	656	0	0	0	0	0	0		
Hardison, Greg-Atlanta, GA	1964	Nov-78		6	36	900	19	5	42	0	0	0		
Edmunds, R. J.-ne ME	1994	Sep-99		6	20	172	0	0	0	0	0	0		
Heinen, Wayne-CO	1975	Dec-07		5	42	1519	42	5	1172	592	36	6		

Hardy, Nancy-coastal WA	1969	Dec-84	5	40	778	2	0	3	0	0	0
Winkelman, Bruce-Tulsa, OK	1979	Nov-06	5	36	705	0	0	0	0	0	0
Tudenham, John-Joplin, MO	1990	Oct-97	5	36	444	0	0	0	0	0	0
Karchevski, Bob-San Francisco, CA	1969	Oct-78	5	36	249	36	5	198	197	35	5
Turner, Rick-Bemidji, MN	2005	Jan-06	5	27	273	0	0	0	0	0	0
Houdek, Gary-n KS	1975	Feb-06	4	37	374	26	1	54	0	0	0
Taylor, Pete-Tacoma, WA	1981	Mar-00	3	33	468	14	7	70	399	33	0
Sampson, John-Cupertino, CA	1966	Oct-78	3	17	258	17	3	258	0	0	0
Thompson, Blaine-Toledo, OH	2003	Feb-06	2	22	137	0	0	0	0	0	0

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 Shawn Axelrod, Wayne Heinen, and John Vervoort for their recent updates. We hope to see YOUR name and updated listings the next time around, okay?

Just for something different, this edition of DDXA is arranged by **District of Columbia heard** and then **Provinces heard** and finally **States Heard**, and finally **Total Domestic Heard** 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.

Broadcasters' Guides to DX

Four different tri-fold guides for use with reception reports explaining DX'ing, how the NRC was formed, and the importance of QSL's to DX'ers. AM editions in English (EEG), Spanish (SSG), and French (FFG); FM edition in English (FMG). 20 for U\$3.95 (\$4.50 non-members) from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

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.

IRCA Slogans List (2006-2007)

This new edition includes radio slogans from the U. S., Canada, and Mexico (over 3900), organized by frequency and then by location within each frequency. Prices: NRC/IRCA members: \$6.00 (U.S./Canada/Mexico/seamail), \$8.00 (rest of Americas/Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members: add \$1.50. **State club affiliation when you order.** To order, send your funds to:

IRCA Bookstore - 9705 Mary Ave NW - Seattle WA 98117-2334. Please make checks out to Phil Bytheway (funds not made out to Phil Bytheway will be returned) or use PayPal to: fokker_d8@yahoo.com; add \$.50 for PayPal service charges.

IRCA Mexican Log, 11th Edition (Winter 2006) - NOW READY

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 transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11". Prices: NRC/IRCA members - \$9.50 US/Canada/Mexico/sea mail; \$12.00 rest of the Americas/Europe airmail; \$12.50 Australia/Japan/New Zealand airmail. Non-NRC/IRCA members: add \$2.00. **State club affiliation when you order.** To order, send your funds to:

IRCA Bookstore - 9705 Mary Ave NW - Seattle WA 98117-2334. Please make checks out to Phil Bytheway (funds not made out to Phil Bytheway will be returned) or use PayPal to: fokker_d8@yahoo.com; add \$.50 for PayPal service charges.

International DX Achievements

Paul Swearingen plsBCBDXER@aol.com
2840 SE Illinois Avenue
Topeka, KS 66605-1427

International DX verie/taped totals listed by continents

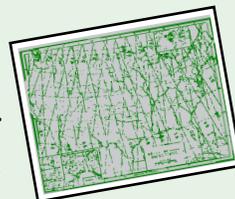
Year Started	DX'er	Last Location	Update	As	Total Veries	Ctries	Forgn	NA	SA	Eur	Oc	Af
1958	Dangerfield, Ben	PA	2005	13	436	130	337	85	45	152	8	35
1933	Geary, Kermit	PA	2001	2	6554	115	1106	571	291	152	62	28
1938	Anderson, Roger A.	VA/NY/PA	1993	5	1448	105	514	227	78	128	48	28
1946	Moore, Ray	MA/FL	2005	7	253	107	252	95	52	59	11	24
1940	Morss, Stan	MA	1993	3	3922	84	424	218	65	221	1	14
1958	Merriman, Alan	VA	1994	4	1615	93	368	212	47	88	3	14
1986	Axelrod, Shawn	So Man	2007	10	2487	?	338	192	38	57	29	12
1950	Krejny, Edward	OH	1996	0	2733	76	441	208	126	91	6	10
1952	Schiller, Ron B.	NJ	1999	3	2103	86	254	136	34	72	1	8
1964	Whatmough, Dave	ON	1999	0	1014	13	15	6	1	3	0	6
1962	Musco, Ron	CT	2003	1	1392	50	54	40	5	10	0	3
1957	Callarman, John	?	1970	6	740	50	138	72	20	17	20	3
1965	Sampson, John	NJ	1965	1	445	54	72	23	6	38	1	3
1973	Sgrulletta, John	NY	1998	3	64	54	64	24	24	19	0	3
1958	Wesolowski, Ernie	NE	2006	1	1944	26	70	55	6	0	7	1
1964	Fela, Joseph	NJ	1965	0	738	24	35	19	4	11	0	1
1958	Phillips, Dan	TN/AL	1974	0	567	26	40	21	9	5	3	1
1976	Renfrew, Jim	NY	2003	1	540	56	91	59	10	19	0	1
1965	Neff, James R.	NY	1971	1	30	29	87	70	4	10	1	1
1959	Dabelstein, Carl	NE	1959	0	2310	40	207	25	1	1	3	0
1975	Heinen, Wayne	CO	2006	2	1582	14	115	109	1	0	3	0
1969	Falconer, Jeff	ON	2000	0	1091	22	20	14	2	2	2	0
1947	Luton, Relfe	NC	1973	0	1049	23	142	102	4	3	33	0
1962	Edmunds, R. J. (taped)	NJ	1998	1	897	43	56	50	37	14	0	0
1975	Swearingen, Paul (taped)	KS	2006	0	886	23	125	61	17	0	0	0
1931	Holland, George B., Jr.	NY	2006	1	885	22	58	46	5	5	2	0
1967	Wood, Richard E.	LA	1970	26	629	51	515	27	2	76	0	0
1976	Froemming, Gary	AZ	2004	1	624	24	131	157	25	0	9	0
1962	Davisson, Tim	OH	1962	0	474	11	38	21	1	0	0	0
1964	Heinen, Wayne	NY	2006	0	472	14	21	14	2	5	0	0
1968	Bytheway, Phil	WA	1982	0	457	9	20	0	0	0	0	0
1977	Wolfish, Niel	ON	1977	0	397	11	20	14	4	2	0	0
1992	Taylor, Pete	CA	1993	19	375	26	58	22	4	0	13	0
1962	Edmunds, R. J. (paper)	NJ	1998	0	266	7	13	10	3	0	0	0
1968	White, Thomas	VA	2005	1	255	12	12	11	1	0	0	0
1973	Mount, Paul	NJ	1995	0	230	6	25	22	2	0	0	0
1969	Karchevski, Bob	MA/CA	1975	0	204	24	141	112	0	0	6	0
1966	Bruner, Jesse R.	KY	1966	0	132	23	27	17	3	5	2	0
1965	Long, John	CT	1968	0	101	29	0	0	0	0	0	0
1967	Floden, Eric	ONT	1970	0	93	16	65	61	3	0	0	0
1964	Edmunds, R. J	NY	1999	0	76	3	1	1	0	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	0	23	2	0	0	0	0	0	0

This IDXA is tabulated by Asian veries/tapes, with total veries as the tie-breaker. Thanks to Shawn Axelrod for joining us for the first time. Also, returning to this column are Carl Dabelstein and Tim Davisson, by dint of their e-DXN membership, and rejoining members are Ron B. Schiller and Richard E. Wood. 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 only from what you see above. Our next column will feature African totals..

Sunrise-Sunset Maps

Monthly maps (12) showing the average monthly sunrise/sunset times for the U. S.; customize them for your location. \$3.25 for NRC members (\$4.50, non-members). Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



Formats

Wayne Heinen amradiolog@aol.com

4131 S. Andes Way

Aurora, CO 80013-3831

Changes in programming status; reported by listeners

<u>Freq</u>	<u>Call</u>	<u>Location</u>	<u>New Format</u>	<u>FreqCall</u>	<u>Location</u>	<u>New Format</u>
540	WLIE	Islip, NY	SS:REL	1310	WOKA Douglas, GA	UC:GOS
540	KNMX	Las Vegas, NM	SS/EE:MEX	1310	WQAH Priceville, AL	TLK
580	WLES	Bon Air, VA	REL	1310	KAHL San Antonio, TX	NOS
630	KTRW	Opportunity, WA	NOS	1320	WPSB Birmingham, AL	SS
640	KTIB	Thibodaux, LA	TLK	1330	WFNN Erie, PA	OLD
660	WDLT	Fairhope, AL	NWS/TLK	1330	WJSS Havre de Grace, MD	TLK
730	WMTC	Vancleve, KY	GOS	1340	KOMY La Selva Beach, CA	OLD
840	WVPO	Stroudsburg, PA	TLK	1340	KEBC Midwest City, OK	SPT
860	KTRB	San Francisco, CA	OLD	1340	WHAT Philadelphia, PA	Blues
910	WSRP	Jacksonville, NC	SS:CHR	1350	KZTD Cabot, AR	SS
910	WPFB	Middletown, OH	C&W	1350	WNNG Warner Robins, GA	OLD
910	KKSN	Vancouver, WA	TLK	1360	WWOW Conneaut, OH	TLK
960	WPLY	Mount Pocono, PA	TLK	1360	KELE Mountain Grove, MO	C&W
980	KUPI	Ammon, ID	SS:MEX	1390	KSLM Salem, OR	SPT
990	WALE	Greenville, RI	NOS	1390	WRIG Schofield, WI	OLD
1010	KBBW	Waco-Marlin, TX	TLK	1400	KRVZ Springerville, AZ	TLK
1020	KOKP	Perry, OK	SPT	1400	WZHR Zephyrhills, FL	REL
1030	KMAS	Shelton, WA	AC	1420	WBRD Palmetto, FL	SS
1060	KXPL	El Paso, TX	SS:MEX	1450	KAVP Colona, CO	C&W
1070	CHOK	Sarnia, ON	C&W/NWS	1450	KFSD Escondido, CA	NOS
1110	WOKU	Hurricane, WV	REL:AC	1450	WCLM Highland Springs, VA	
1120	WBBF	Buffalo, NY	SS:		UC/Brokered	
1230	WYTS	Columbus, OH	TLK/SPT	1450	WTKI Huntsville, AL	TLK
1230	WTKN	Corinth, MS	NWS/TLK	1460	WJCP North Vernon, IN	OLD
1230	WCMD	Cumberland, MD	NOS	1490	KQDS Duluth, MN	OLD
1230	WLNR	Kinston, NC	SS:CHR	1540	KZMP University Park, TX	SS
1250	WNEM	Bridgeport, MI	NWS	1550	WVAB Virginia Beach, VA	UC:GOS
1260	WRIE	Erie, PA	SPT	1560	KVAN Burbank, WA	OLD
1270	KRVT	Claremore, OK	NOS/OLD	1560	WINT Melbourne, FL	OLD
1270	KFUT	Thousand Palms, CA	SS:SPT	1580	KOKB Blackwell, OK	SPT
1280	WEIM	Fitchburg, MA	AC	1590	WLBN Lebanon, KY	OLD
1280	KLDY	Lacey, WA	SS:REL	1600	KEPN Lakewood, CO	SPT
1290	WCHK	Canton, GA	SS:MEX		Contributors	
1300	WMVO	Mount Vernon, OH	TLK		AM Switch, Axelrod, Braun, Dvorak, DX	
1300	WAVZ	New Haven, CT	SPT		Midamerica, DX News, Griffith, Heinen,	
1310	KKNS	Corrales, NM	SS:OLD		Kennedy, Lyon, Northpine, nrcdxas.org, The	
1310	WPBC	Decatur, GA	Korean/ETH		Radio Journal, Winkleman	

Not sure about renewing?

Consider these benefits of a membership in the National Radio Club: 720+ pages per year of varied and comprehensive DX and radio information in DX News ... reduced prices for publications ... responsive editors ... and the friendliest bunch of DX'ers in the world! Why not send that renewal check to P. O. Box 5711 - Topeka, KS 66605-0711 today!

The County Cross Reference

What a time-saver! A complete list of counties, parishes, and similar political divisions in the U. S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Heinen. \$8.95 for members, \$11.95, non-member; overseas surface mail, add \$4.00 for first copy; \$.64 for each add'l copy/ For airmail, add \$8.00 for each 3 or fraction of 3. Order "CCR" from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

Musings of the Members

Dave Schmidt NRCMusings@aol.com
P. O. Box 126
New Freedom, PA 17349-0126

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.

Deadlines are Friday. Remember, DAYLIGHT SAVINGS TIME starts 3/11 this year, so those daytimers with no presunrise are going to be signing on late!

Andy Ooms - Pine, AZ

Thank you, BEN DANGERFIELD, for researching that 1941 FCC ruling. That may be the ruling that eventually forced NBC to sell off their Blue Network which became ABC, American Broadcasting Company. NBC kept the Red, no longer referred to as Red, but referred to as NBC, the National Broadcasting Company. I was in Flagstaff, AZ (is there another city with that name?) today and on 1650, I heard this wonderful comment at 10:50 a.m. local time. "Is it light outside? If it is, then you are listening to Fox Sports Radio. If it is dark outside, then I am talking to myself because our night time signal is really rotten." I have read, maybe a year ago, a mention of an AM station in Flagstaff at 1650. I forget what I read about it; but I cannot find it listed on the Radio Locator web page, which does catch 228 other Arizona stations. Thanks for your work, Dave: (Andy, at some point in time a few years ago, *Radio World* magazine did a story on the 1650 station you've mentioned. I don't know the status of this, perhaps operating from an Indian Reservation? Can anyone else offer some help with this one? -DWS)

Forest Osborn, P.O. Box 334, Hooker, OK 73945

After about a 25-year absence from the NRC, I have finally made time to do a little MW listening and, therefore, rejoined the club. The band has changed including the 1600-1700 stations and many call sign and station changes. I still have and use an old, but excellent, HQ-150 with a recent tune job and added an Electronic Specialty Products DD-103 digital readout. I am still getting used to the DD-103, but it works very well. My old 4' NRC loop was moved to a storage building several years ago, and when I decided to retrieve it, I found it had apparently been sacrificed for either wire or wood as there was no sign of it. I have several small loops from my hobby/business, No Man's Land Antique Radios, but likely will rebuild a larger loop to gain performance over the antiques. I received my first DXN, after rejoining on February 12th and was nice to recognize some names. Thanks to everyone who has kept the NRC operating all of these years. I did send in a few loggings and will try to continue as time allows. One thing I would like some assistance on, on 2-11 from at least 2136 ELT until at least 2206, on 1020 kHz, someone with alternating TT and announcement "CBS radio network channel 42". Thanks to anyone who can ID this for me. (Apparently someone forgot to turn off the channel their satellite feed is coming through on in addition to the transmitter! What you caught is the audio that's fed on the channel by the network when it's not in use. Take a look for a CBS affiliate on the frequency. And welcome back to the NRC, Forest, and hope you'll check in with us often!-DWS)

Roger Windsor - 2277 Sandwood Street - Portage, IN 46368

This is a new typewriter for me, so here goes. Much DX has been heard lately with 3 new stations added to the log. WENO-760m noted 2/6 6:02P during SRN news killing a nulled WJR. Then 10 minutes later, I caught WLCR-1040 at 6:15PM sign off with WHO nulled. A shocker with KHSN-700 under WLW at 6:13P with an ID. Is WAMB-1200 really omn? (?? -pls.) I get a good null on WRTO and all I ever hear is WOAI. (WAMB is still on 1160, yes?-DS) The 1300 powerhouse in Nashville was pouring in when I checked. While I'm asking, who is the Spanish station on 770, KAAM? WKTY-580 noted 2/9 10:15 with an ID during a basketball game and ads, seldom heard at night. WCTT-680 has a very strong night signal, usually covering WPTF. Local WNDZ has their 3rd tower about half way up and will soon be listenable on my coffee pot with their new power of 15000 watts. WMNI-830 was heard 2/9 simulcast of WCZY 104.3 with adult contemporary, not news/talk, also caught WKTX with a nice 6P sign off. WNRG-940 never cuts down their power and are a nightly visitor in Montreal's null. KFAY-1030 noted with sports, in nicely 2/8 7:30P in WBZ null, first time in 20 years for them. WLLI-1190 is 'Willie 1190' and appears to be NSP even though it's listed as a daytimer, heard on the car radio several times lately after 11PM. Finally, WAVI-910 is still there, as they were noted 2/8 6:10P on the car radio with 'Praise 910' ID. Total stands at 3145 and climbing. 73

Ron Bailey, AA4S - 420 Community Road - Shelby, NC 28152-8230

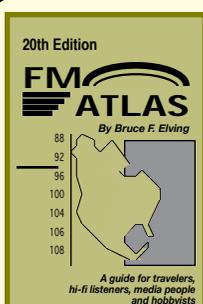
My log shows I didn't hear anything of note for about 13 months. The last several years has kept me busy coaching Little League and USSSA kids baseball. I also help the American Legion team whenever I can with scouting other teams, etc. Along with that from October 2002 until October 2005 (until she died) I had to deal with taking care of my mother after selling her house in Haddon Heights, NJ and moving her to NC. Tuesday I had lunch with your old friend Don Crain, W4OC. I hadn't seen or talked to him in months. He has been busy getting the KFI tower mess straightened out. Said they may even be installing a temporary daytime site; with all of problems and the normal paperwork involved in California that's just what they need. He is also relocating the old WKMT - 1220 (now WDYT) from Kings Mountain to Gastonia near Rts. 321 and 85 to put a better signal into Charlotte. I passed their old location every day on my way to work before I retired and would occasionally stop in to chat with the former owner Jonas Bridges. Don is going to operate the ARRL CW contest 2/17-18 from Panama with a group using the call HP3XX, I believe. Hard to believe I'm in my 11th year of retirement already; turned 68 yesterday! Sorry I missed the Kulpville bash but the Shelby Hamfest falls the same weekend and I usually hold a gtg at my place for some of the guys who come up from Georgia and South Carolina. Finally getting active again after about a year lay-off with hamming and coaching baseball taking up most of my time. In my 11th year of retirement from chemical engineering in the lithium industry and not at all depressed about it, hi! Didn't decide to enter this season's contest until late January and am now trying to catch up. I see what fun the other entrants are having and the R8A and seven 550-ft. beverages are still doing well. Conditions have not been good at all, however, and it was only by pure luck that I logged KSL at 0700 UTC on 2/5/07 when everyone else on the frequency shut up. Cubans are like locals here so no problem logging them. (My thanks to Wayne Heinen for sending me a legible copy of Bruce's map from Volume 73, No. 10!) But Mexicans and South Americans have been nearly totally absent - plus, I find it almost impossible to pry out a good ID even with my fair knowledge of Spanish. I have yet to hear anything but a weak carrier out of ZIZ on 555. WTEL, Red Springs, NC with their all night Gos mx is totally thwarting my efforts to log VSB3 on 1160. Another big challenge is trying to hear KFNW-1200 in W. Fargo, ND for an new state before they power down. I've logged 16 of the 20 domestics on this frequency, and WCHB is strong every evening, but I am able to hear the "La Tremenda" slogan of WRTO at times just before R. Sancti Spiritus' SS becomes audible. Can't complain too much though because I've stumbled onto 21 new ones so far, bringing my totals to 1636 overall (including 41 Cubans) and 1558 domestics. Here I sit praying for a huge solar flare to kill those northern blowtorches letting Bogota and Caracas leak through. Very 73 to all.

Dave Schmidt - P O Box 126 - New Freedom, PA 17349

I read with interest that a pirate FM station in NV was granted an LPFM (Low Power FM) license by the FCC. After some help from a local elected official, it was shown to the FCC that the station was operating in the public interest, providing local information to an isolated area and that the station should continue to operate. The station was running 100 watts so an LPFM grant wasn't a big thing. But I think it's going to really open up a can of worms since it can now be shown as an example that, even though the station doesn't have a license, it's being operated in the public interest, giving the operator a good leg to stand on. Also, there is word going around the FCC is going to open the window for applications on the expanded band "soon". The fun just never stops, does it?

The County Cross Reference

What a time-saver! A complete list of counties, parishes, and similar political divisions in the U. S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Heinen. \$8.95 for members, \$11.95, non-member; overseas surface mail, add \$4.00 for first copy; \$.64 for each add'l copy/ For airmail, add \$8.00 for each 3 or fraction of 3. Order "CCR" from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



Bruce Elving's FM Atlas ... 20th Edition

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$20.00 for NRC USA/Canada members, \$24.00 USA/Canada non-members, \$25.00 for all others. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

National Radio Club

Founded in September, 1933, the National Radio Club is a non-profit organization devoted to the medium wave DX hobby. It is operated solely by uncompensated volunteers. Subscription costs cover printing, postage, and operational costs and are subject to change without prior notice. The opinions expressed in this magazine are those of the individual writer and do not necessarily reflect those of the Publisher or the Board of Directors of the National Radio Club, Inc. Any reproduction of material contained in DX News/e-DXN without permission of the National Radio Club or the author is prohibited. All published material in DX News/e-DXN may be reprinted by the National Radio Club at a later date. DX News/e-DXN published material reprinted in other publications should include an attribution naming the author and DX News/e-DXN as the original source. Construction projects described herein may be hazardous and are to be undertaken at the assembler's risk; the NRC, its officers, and author(s) will not be responsible for any injuries or losses arising during these projects. Tool usage and electricity can be dangerous.

NRC Board of Directors: John Bowker(jbowker@tampabay.rr.com); **NRC Ombudsman** - 1811 Fort Duquesna Dr. - Sun City Center, FL 33573-5035; Ken Chatterton (krazyken@tcenet.net); Bill Hale (w_r_hale@sbcglobal.net); Wayne Heinen (wayne@wayneheinen.com); **Chairman**: *NRC AM Radio Log Editor* - 4131 S. Andes Way - Aurora, CO 80013-3831; Dick Truax (K9RT@aol.com); **NRC Treasurer** - P. O. Box 39451 - Louisville, KY 40233-9451.

NRC/IRCA Broadcast Test Coordinator: Les Rayburn - 100 Centerview Drive, Suite 11 - Birmingham, AL 35216-3748 (les@highnoonfilm.com).

The National Radio Club includes NRC Publications, DX News, e-DXN, and DX Audio Service:

- **NRC Publications** - Wayne Heinen, Manager - P. O. Box 473251 - Aurora, CO 80047-3251 (**What to send: \$ for Publications/Reprint Orders, NRC Product Catalog [send 1st-class stamp].**)
- **DX News** Publisher/Editor - Paul Sweartngen (plsBCBDXER@aol.com) - P. O. Box 5711 - Topeka, KS 66605-0711; 785-224-6907 [voice mail], 785-266-5707 [prepaid] (**Contributions to DX News; requests for replacement copies of DXN; 1st-class stamp(s) for sample DXN; DXN changes of address; \$ for DXN/e-DXN renewals or new subscriptions; subscription status inquiries**)

Yearly Subscription (30 Issues) to DX News: (send checks/money orders to National Radio Club - P. O. Box 5711 - Topeka, KS 66605-0711) U. S. Address: U\$28.00; Canadian Address: U\$38.00; all other countries: U\$52.00.

National Radio Club, Inc.
DX News
P. O. Box 5711
Topeka, KS 66605-0711

- **DX Audio Service** - Fred Vobbe, Publisher/Producer - 706 Mackenzie Drive - Lima, OH 45805-1835, 360-382-1957 (**recordings for the Audio Service; \$ for subscriptions; DXAS address changes**)

DX Audio Service Yearly Subscription (twelve 90-minute tapes, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First Class Mail subscription to DX Audio Service to USA, Canada addresses: U\$28.00; all other addresses: U\$40.00

- **e-DXN.com**: To subscribe: Access the e-DXN web site <<http://e-dxn.com>> and then follow the indicated links to register: +\$5.00 if you're a DXN or DXAS subscriber; \$15.00 to non-subscribers.
- Payment options for any item: check, money order, or credit card (via PayPal - access www.nrcdxas.org ONLY and follow the links), or cash only at your risk.

Note: all checks and money orders should be made out to:

National Radio Club.

DX News is printed by Hall Commercial Printing, Inc. - 1935 N. W. Topeka Ave. - Topeka, KS 66608

First-Class
Mail
U. S. Postage
PAID
Topeka, KS
Permit #598