

# DX News

*Serving DX'ers since 1933*



Volume 68, No. 5 - November 6, 2000 (ISSN 0737-1659)

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*From the Publisher ...* With absolutely no tests scared up by either NRC or IRCA, and my brain a little fried from the end of the first quarter (don't ASK me how many of my students have yet to pass, and what I intend to do to them and their parents!), plus my washer dying, leaves falling, cars expiring, and a few other minor, day-to-day crises, I seem to have run out of intelligent ideas to put on the front page in lieu of tests. So we'll let our friend Glenn Hauser have a little room this time around:

### WORLD OF RADIO and CONTINENT OF MEDIA SHORTWAVE-ONLY SCHEDULE effective October 29, 2000

*NOTE:* This takes into account one UT hour later non-DST time shifts on WWCR and WBCQ; and new registered frequency schedule of RFPI not yet in effect as of October 27. For RFPI airings, also check previous 15049, and alternates 6970, 5920. In areas going off DST, WBCQ and WWCR airings seem to stay at the same local clock time, and RFPI seems one hour earlier. In areas making no time change, WBCQ and WWCR airings are one hour later, and RFPI stays the same.

Thu 0030 WOR WBCQ1 7415 Thu 0130 COM RFPI 7480 15065 21815-USB Thu 2130 WOR WWCR 15685 [from Dec: 9475] Fri 1030 WOR WWCR 7435 Fri 1900 COM RFPI 21815-USB Fri 1930 WOR RFPI 21815-USB Fri 2130 WOR WBCQ2 9335-CUSB [irregular] Sat 0130 WOR WWCR 3215 Sat 0300 COM RFPI 7480 Sat 0330 WOR RFPI 7480 Sat 1230 WOR WWCR 15685 Sat 1730 COM RFPI 21815-USB Sat 1800 WOR RFPI 21815-USB Sun 0130 COM RFPI 7480 15065 21815-USB Sun 0200 WOR RFPI 7480 Sun 0330 WOR WWCR 5070 Sun 0728 WOR WWCR 5070 Sun 1930 WOR WWCR 15685 Sun 2300 WOR RFPI 15065 21815-USB Mon 0100 WOR WWCR 3215 Mon 0601 WOR WWCR 3210 Mon 0700 WOR RFPI 7480 Mon 1500 WOR RFPI 21815-USB Mon 2200 COM RFPI 15065 21815-USB Tue 0600 COM RFPI 7480 Tue 1200 WOR WWCR 15685 Tue 1400 COM RFPI 21815-USB Tue 1900 WOR RFPI 21815-USB Tue 2000 COM RFPI 15065 21815-USB Wed 0300 WOR RFPI 7480 Wed 0400 COM RFPI 7480 Wed 1200 COM RFPI 21815-USB Wed 1730 COM RFPI 21815-USB

For latest revision of this version see <http://www.angelfire.com/ok/worldofradio/worldmassw.html>

For pending revision of Master Time Schedule

including WRN satellite, AM and FM, Spanish broadcasts see:

<http://www.angelfire.com/ok/worldofradio/wormast.html>

WORLD OF RADIO homepage:

<http://www.angelfire.com/ok/worldofradio/WOR> on demand:

<http://www.wrn.org/ondemand/worldofradio>

COM on demand:

<http://DXing.com/conmedia.htm>

I hope this helps you keep listening without missing any WOR or COM programs. Regards, Glenn Hauser

### DXN Publishing Schedule, Volume 68

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
6.	Nov. 3	Nov. 13	19.	Feb. 9	Feb. 19
7.	Nov. 10	Nov. 20	20.	Feb. 16	Feb. 26
8.	Nov. 17	Nov. 27	21.	Feb. 23	Mar. 5
9.	Nov. 24	Dec. 4	22.	Mar. 2	Mar. 12
10.	Dec. 1	Dec. 11	23.	Mar. 16	Mar. 26
11.	Dec. 8	Dec. 18	24.	Mar. 30	Apr. 9
12.	Dec. 15	Dec. 25	25.	Apr. 6	Apr. 16
13.	Dec. 29	Jan. 8	26.	May 4	May 14
14.	Jan. 5	Jan. 15	27.	June 1	June 10
15.	Jan. 12	Jan. 22	28.	July 6	July 16
16.	Jan. 19	Jan. 29	29.	Aug. 3	Aug. 13
17.	Jan. 26	Feb. 5	30.	Sept. 7	Sept. 17
18.	Feb. 2	Feb. 12			

### DX Time Machine

#### From the pages of DX News:

50 years ago ... from the November 4, 1950 DXN: Steve Mann, Westbury, NY, reported "... A really good TA opening" on Oct. 26 when he heard SBH-1178 after WHAM signed off at 0030, Monte Carlo 1466, and "many others". On the next morning, Oct. 27, he heard Budapest II-1187, Toulouse 1-944, and Tunis 1-962.

25 years ago ... from the November 10, 1975 DXN: JOBB-830 Osaka, Japan was reported in October by several NRC'ers, including Fr. Jack Peiza, Albert Lobel, Randy Seaver, Bruce Reynolds, and Steven Wisblood, who called it "The most consistent TP heard this year, nearly 89 every morning between 1230-1410."

10 years ago ... from the November 5, 1990 DXN: Bill Hale had been running a poll as to preferences in DDXD reporting time formats, with the preferences running 3 to 1 against reporting in GMT and two votes cast for local time, as in Musings.

# AM Switch

**Jerry Starr** w8jv@yahoo.com  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

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

## CALL LETTER CHANGES

	<u>Old call</u>		<u>New call</u>
940	WOGI	PA Charleroi	WPNT
950	KXTQ	TX Lubbock	KJTV
970	WWSW	PA Pittsburgh	WBGG
1010	WCKW	LA Garyville	WLTS
1080	WWDR	NC Murfreesboro	WINX
1600	WPNT	MA East Longmeadow	WHNP



P.O. Box 3220, Warrenton, Virginia 20188

## APPLICATIONS FOR NEW STATIONS

1340 ME Veazie 1000/650 U1 (10 miles NE of Bangor)  
1400 ME Veazie: 1000/860 U1 (unless this is an error from the FCC, it does appear there are applications for TWO new stations in this Bangor suburb of 2000 souls)

## GRANTS FOR NEW STATIONS

None

## APPLICATIONS FROM EXISTING FACILITIES

620 KZTY NV Winchester: 400/280 U3  
990 KXXL TX Farmersville: 7000/940 (7000 CH) U7  
1070 KOPY TX Alice: 1000/1000 U4  
1150 WTMP FL Egypt Lake: 10000/300 U4 (modifies application shown last week)  
1460 WWKL PA Harrisburg: 5000/5000 U4  
1600 WMNE FL Riviera Beach: 5000/5000 U4

## GRANTS TO EXISTING FACILITIES

1320 WLOH OH Lancaster: 500/16 U1, relocate transmitter  
1360 WELR AL Roanoke: 927/56 U1  
1450 KAVP CO Colona: relocate transmitter  
1450 WBYU LA New Orleans: 850/850 U1, relocate transmitter

## OTHERNESS

540 WDMV MD Pokomoke City: station is SILENT  
630 CJET ON Smith Falls: CP for 92.3 FM is on; AM will go off within a month  
740 CFPT ON Toronto: operations set to resume on this frequency after January 1<sup>st</sup>  
1160 WMVI NY Mechanicsville: silent station is ON THE AIR

THANKS: Bill Hale, Al Merriman, Shawn Axelrod, Ed Krejny, Les Johnson, and MSJ  
73 and Good DX, Jerry Starr & Buffalo K.Foonman

*Jimmy & BKF*

## NRC's Antenna Manuals

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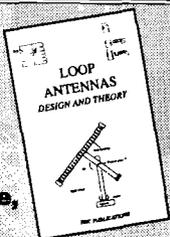
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# Domestic DX Digest

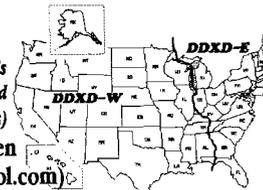
**West: Bill Hale** phantom2@eaze.net

6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

**East: Michael Shaw** (Temporary editor: Paul Swearingen)

- 2840 SE Illinois Ave. - Topeka, KS 66605-1427, plsBCBDXER@aol.com

(Division line is  
between East and  
Central time zones)



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

## DDXD-West

### MEDIUM WAVE RAMBLINGS

- Contributors' comments: "Finally, something NEW with KSIR. Also CFFX is a nice indicator of things to come. The band sounds much better than it's sounded lately. The blood is finally pumping! hi!" - JJR-WI "Well the season must be starting news ones are starting to roll in. Conditions are much improved the last week. Hope they stay that way." - SA-MB And Shawn says to visit the AMANDX DX Info Site: <http://www.angelfire.com/mb/amandx/index.html>
- CUN7

### REPORTERS

**AB-CA** Art Blair Folsom NRD-515 + Kiwa Loop <blairs@calweb.com>  
**SA-MB** Shawn Axelrod Winnipeg Icom ICR-70 & Drake R8 + 4 Foot Unamplified Box Loop/  
Quantum Loop, 145' outdoor wire, 100' indoor wire, MFJ 1026 Phasing Unit  
<saxelrod@mb.sympatico.ca>  
**BM-SD** Bill Moser Fort Pierre barefoot Superradio II <wcmfort@dakota2k.net>  
**JJR-WI** John J. Rieger South Milwaukee FRG100, Kiwa loop, MFJ959B Tuner-Preamp  
<johnrieger@webtv.net>  
**KR-AZ** Kevin Redding Mesa DX-375 and RS 18-1533 loop <lwdxr@juno.com>  
**RT-CA** Rich Toebe Davis Sony ICF-2010, R West Loop <richtoebe@jps.net>  
**RT-CA1** Rich Toebe on the road in the Bay Area Delco AM-FM Stereo/CD in '97 Pontiac Grand  
Prix  
**JW-CO** John Wilkins Wheat Ridge Drake R-8, 4-foot box loop <peakbagger3@juno.com>  
**Ed.-TX** Editor North Richland Hills

### STATION NEWS & NOTES

550 KFYL AZ Phoenix - 10/23 2300 - Noted with ID in heavy QRM. Ex: KGME. (JW-CO)  
990 KATD CA Pittsburg - 10/22 - Now running Radio Unica and IDs as "Pittsburg-Sacra-  
mento" on the hour. Radio Unica's web site has a news bulletin that Unica is  
taking over KATD and moving the station to Sacramento, subject to FCC  
approval. Once that happens they plan to improve coverage of KIQI-1010 in  
the Bay Area. (RT-CA)



FACE BROADCASTING CORP.  
P.O. BOX 490  
ROSETOWN, SASKATCHEWAN  
S0L 1Y0

### UNIDs and UNID HELP

1610 UNID ?? -10/25 0420 - Marine forecast by woman saying it was to be 60-65 degrees  
35 degrees overnight and winds at 7 knots. (SA-MB)  
1610 UNID ?? -10/25 0425 - Man and woman welcoming you to Wisconsin... the visitor  
centre. The six story tower and a video you can watch for \$1.00. (SA-MB)

### TIS & OTHER STUFF

530 (WNWN611)CA Martinez - 10/25 1500 - Not heard while driving thru Martinez on I-680;  
jumble of signals. (RT-CA1)  
790 WPEI436 CA Pittsburg - 10/25 1452 - Heard while driving thru Benicia on I-680, mixing  
with KOOR. (RT-CA1)  
1610 TIS CA Benicia - 10/25 1454 - City of Benicia Traveller Information and Emergency Broad-  
cast Radio System test loop running, no calls given; heard well in Benicia and  
Contra Costa area. New! (RT-CA1)  
1670 WNEG268 CA Sacramento - 10/25 1900 - Heard weakly, but clearly, driving NB I-680 in  
Martinez with mentions of Watt Avenue improvement project. Excellent for  
over 50 miles! (RT-CA1)

## MIDNIGHT TO MIDNIGHT ELT

- 570 WMAM WI **Marinette - 10/22 2000** - Fair, with PSAs, promo for co-owned 1340 WAGN, ID and CBS News. Talk format. (JJR-WI)
- 630 CFCO ON **Chatham - 10/23 2102-2108** - Good signal, in KHOW null. BN Newscast, local news and weather, and old rock tunes. First time heard; report sent. (BM-SD)
- 670 WSCR IL **Chicago - 10/23 2057** - SPT talk program, with program notes and promos. ID at 2101. Very poor, with loop pointed NNW, in order to semi-null local KLTT. Ex: WMAQ. (JW-CO)
- 740 KBRT CA **Avalon - 10/19 2112-2116** - Religious program followed by sign off. Dominant signal on this frequency. First time heard at this QTH, but previously verified. (BM-SD)
- 740 WNOP KY **Newport - 10/22 1945** - Good and loud with local mention and *Real Jazz 740* non-ID, into SS programming. (JJR-WI)
- 950 KWOS MO **Jefferson City - 10/26 1849-1853** - Ad cluster, weather, *Focus on the Family* message. Fair, in KWAT null. First time heard; reception reported. (BM-SD)
- 960 CFFX ON **Kingston - 10/21 0707** - Good, nulling WSBT, with *Kingston's . . . GTO* 960. Nice to hear! (JJR-WI)
- 970 KFTA ID **Rupert - 10/22 0957** - Latino music, legal ID at 1000, then more music. Burley and Twin Falls ads at 1012. Fair-to-poor with KJLT and KFEL QRM. Ex: KBBK. (JW-CO)
- 990 KTKT AZ **Phoenix - 10/19 2056-2100** - Talk show, ad cluster, ID, and gone at shift to night operation. Fair signal. First time heard at this QTH, but previously verified. (BM-SD)
- 1000 KOMO WA **Seattle - 10/21 2037** - Fair, with *Washington Huskies* vs. *California* football play-by-play. Ads at 2039, then *Como, NewsTalk 1000* slogan. (JW-CO)
- 1010 KIQI CA **San Francisco - 10/22-23** - Noted running at lower power days. A very weak signal compared to previous logs from here. Always been difficult at night here; usually CBR Calgary dominates. (RT-CA)
- 1010 KSIR CO **Brush - 10/21 0711** - Fair, with *KSIR Farm Radio 1010*, with C&W music. No CFRB. NEW! (JJR-WI)
- 1010 KIQN UT **Tooele - 10/15 2100** - Polynesian programming . . . could not figure out what I had until the English ID announcing the calls and programming. Good signal. NEW!!! (SA-MB)
- 1020 KWIQ WA **Moses Lake - 10/25 0854-0901** - ESPN Radio, weather, ad cluster, ESPN preview of next hour, dual ID with KKRQ? Wenatchee, then network news. Weak, but steady signal, with some sideband QRM from CBR 1010. First time heard; reception reported. (BM-SD)
- 1080 KGVY AZ **Green Valley - 10/22 2058** - NOS tune, then sign-off announcement at 2059: *And now it's time to light the lamp and put our records away for another day . . . here at 1080 on your dial, KGVY Green Valley, Arizona*, then off. Fair, in KRLD null. (JW-CO)
- 1080 WNWI IL **Oak Lawn - 10/22 0020** - Good, in KRLD null, with man stating that air time is available on WNWI and to call 708-201-9600 for more info. (MS-MB)
- 1080 WNWI IL **Oak Lawn - 10/24 0858-0902** - Fair signal in KRLD null. Song *Needles & Pins*, WNWI promo, ID, ethnic program. First time heard; report sent. (BM-SD)
- 1130 KFAN MN **Minneapolis - 10/23 0841-0844** - In the "window of opportunity" between the KWKH sunrise fadeout and the KBMR return to daytime broadcasting, heard a *Valvoline* ad, ID, and sports talk about the *Viking* victory on October 22. (BM-SD)
- 1170 WMRH WI **Waupun - 10/24 2152-2201** - End of football game between *Laconia Spartans* and *Lakeside Lutheran Warriors*, ads, game wrap-up, sign off and SSB. Fair signal, mixing with KJOC, in KVOO null. First time heard; reception reported. (BM-SD) [A mite past their LSS sign-off time, hi - Ed.]
- 1180 KERI CA **Wasco - 10/25 2056-2101** - *Focus on the Family*, local announcements, ID, religious program. Weak, but steady signal. First time heard. How I wish my recorder had been running! I'll listen for another chance. (BM-SD)

**KBUY**  
**KOTW**  
P.O. BOX 5844  
Amarillo, Texas 79107

- 1310 WTLC IN **Indianapolis - 10/22 1853** - Very good, with no WIBA. Unusual to be in this well. Urban Gospel. *The Light* non-IDs. (JJR-WI)
- 1340 WJOL IL **Joliet - 10/19 0400** - Fair signal, with ID on the hour. (SA-MB)
- 1350 KCHK MN **New Prague - 10/20 0928-0933** - Polka music, ID, and sports news. Weak signal, but over others. Second reception report submitted; first got no response. (BM-SD)
- 1350 WTOU OH **Akron - 10/25 0005** - Fair, with promos for many upcoming local sports broadcasts on *Akron's Sports network*, 1350 ESPN. (MS-MB)
- 1360 WKYO MI **Caro - 10/21 2041** - Good, with promo for sports broadcast on WKYO, WIDL Not common here. (JJR-WI)
- 1360 WKYO MI **Caro - 10/22 0035** - Poor-to-fair, with weather and promo for WKYO's sports programs. (MS-MB)
- 1370 KDTH IA **Dubuque - 10/22 1900** - Poor, with NOS music, ID and old-time radio show. (JJR-WI)
- 1370 KWRT MO **Boonville - 10/22 1900** - Poor, with two others, with ID and ABC News. (JJR-WI)
- 1420 KULY KS **Ulysses - 10/22 0027** - Fair, with ID as *Home Town Radio KULY* into country music. (MS-MB)
- 1450 KNSI MN **Saint Cloud - 10/23 0959-1001** - On top, with local ad, program promo, ID, and CNN News. My call to 320-251-1450 yielded the web site address for *Newstalk 1450 KNSI* It is www.1450KNSI.com. My reception report was submitted through their web site. (BM-SD)
- 1450 CHUC ON **Cobourg - 10/22 1920** - Fair, with AC and 1450 CHUC slogan. Getting so common here, almost don't want to call this one DX anymore. (JJR-WI)
- 1480 KAVA CO **Pueblo - 10/20 1905** - Legal ID at 1905: KXRE-KAVA, 1480 AM Pueblo, 1490 AM Colorado Springs, the same as noted by Knight for KXRE on 9/30. After ID, Latino music, dedications, Pueblo and Colorado Springs ads, and *Radio Sol* slogans. Don't know if they've totally dropped R. Unica, or if they just run it at certain times. (JW-CO)
- 1480 KRXR ID **Gooding - 10/19 1042** - Ad for local Latino concert *en el Salon de Los Espectaculos*. Banda music and *Radio Fiesta* slogans. News headlines and legal ID at 1102. Generally fair. (JW-CO)
- 1490 CJSN SK **Shaunavon - 10/16 2356** - Fair, ending *Billy Graham's Hour of Decision on Country Music Radio CJSN*. (MS-MB)
- 1580 KFDF AR **Van Buren - 10/23 1931** - Local spots, plug for *Razorbacks* football and program note for *Hogs vs Auburn* on Saturday, then call ID and back to program *Sports Rap*. Fair, in QRM, and a surprise. Should have been on 45 watt night power. (JW-CO)
- 1600 KMNY CA **Pomona - 10/26 0910** - Talk about the California economy, KMNY ID at 0912, covered by KGST, back again with local weather at 0915. (AB-CA)
- 1600 WBLY OH **Springfield - 10/20 2055** - Poor-to-fair signal, with football talk programming and ID. NEW!!! (SA-MB)
- 1630 KKWY WY **Fox Valley - 10/24 0856** - Under XEUT's carrier, playing *There's an Old Flame Burning in Your Eyes*. Rare. (KR-AZ)

## DDXD-East

Phil Boersma asks, plaintively: "Is it true KXTR-96.5 FM is no more with the classical music and KXTR calls now on 1250 AM?" Regrettably, and with a matching tear, I say "Yes, it is, Phil." 96.5 in KC is now, appropriately, "The Buzz", and the music matches; the peripatetic 1250 (from Lawrence to Topeka to Kansas City) is now KXTR, with satellite classical programming. ¡Cuidado! I had to cut several ancient, repeated, and dateless/timeless loggings this time. Maybe Michael will be a little kinder when he recovers this column, hopefully in mid-November, as he has predicted? On with it!

## UnID and Presumed

- 630 WBMQt GA **Savannah - 10/7 2141-2148** - Sports talk show, mention of GA, no ID heard; drowned out at 2141 by R. Progreso. (DT-ON)
- 910 WNEZp CT **New Britain - 10/16 1850** - Presumed with black hip-hop and rap music. (WM-MD)
- 910 WSTKp NC **Jacksonville - 10/16 1923** - "Jacksonville" heard in mess. (WM-MD)

1070	unID	?	? - 10/20 1935 - Promo for sports program; ID (What sports program? What was heard in the ID? -pls). (WM-MD)	<b>KARN Newstalk 92</b> 4021 West Eighth Street P.O. Box 4189 Little Rock, AR 72214 (501) 661-7500
1090	CKKWp	ON	Kitchener - 10/23 1930 - Oldies music, "Goodtime oldies, Oldies 1090". (WM-MD)	
1140	WKWM;	MI	Kentwood 10/23 2142 - Presumed with George Benson song under WRVA. (WM-MD)	
1150	WNLRp	VA	Churchville - 10/21 1833 - Ad for American Laundromat in Staunton, then religious music. (WM-MD)	
1280	unID	?	? - 10/23 2000 - CNN hourly news. (WM-MD)	
+	unID	?	? - 10/23 2100 - "You're listening to Monday Night Football on Westwood One". (WM-MD)	
1300	unID	?	? - Oldies music. (WM-MD)	
+	unID	?	? - 10/23 1929 - Choral song "Lord Have Mercy"; song "Lord's Prayer"; "welcome to Catholic Jukebox".	
1380	WMJRp	KY	Winchester - 10/23 2010 - Mother Angelica; EWTN. (WM-MD)	
1520	unID	?	? - 10/16 1830 - Male saying "Tune in tomorrow for the best in gospel music." Then "America the Beautiful", and gone. (WM-MD)	
1630	WAWXt	GA	Augusta - 10/16 1945 - Tentative with discussion of minor-league hockey; mentions of Arkansas, Florida, and Greensboro, and Augusta at 1955. (WM-MD)	
1660	unID	?	? ? 10/26 1925 - "One great song after another on ..."; song "Put Your Head on My Shoulder"; song - "That's the Time - Feel Like Makin' Love to You". Faded into WWRU. (GL-NY)	
<i>Loggings</i>				
640	WWJZ	PA	Philadelphia - 10/21 1430-1505 - "Radio Disney" "AM six forty, Philadelphia." On the hour: "WWJZ Mount Holly, Philadelphia". (DL-MD)	
730	WNAK	PA	Nanticoke - 10/24 1817 - Fair; jingle ID and easy listening/nostalgia over an unID Mexican music station. (BC-NH)	
+	WPIT	PA	Pittsburgh - 10/24 1840 - Good; "Back to more Solid Gospel favorites from yesterday and today. AM 73 WPIT," and Solid Gospel music. (BC-NH)	
+	WFMC	NC	Goldsboro - 10/24 1845 - Fair; "730 WFMC Gospel News Now" gospel music news, UC gospel music, under WPIT. (BC-NH)	
790	WSFN	GA	Brunswick - 10/4 2050-2100 - Talk show, brief ID as "WSFN Brunswick". Poor, int. HIL. (DT-ON)	
+	CIGM	ON	Sudbury - 10/26 0500 - Weak and fading, country music into ID, "...The call letters CIGM owned and operated by Telemeter Radio Inc., ???, in Stereo, music, news, traffic. ???", then into news. (SC-IN)	
850	WTAR	VA	Norfolk - 10/21 1820 - Virginia and Florida state football game. (WM-MD)	
890	WKNV	VA	Fairlawn - 10/16 1840 - Signoff by female; "Tune in tomorrow for the best in southern gospel music"; ID. (WM-MD)	
900	CHML	ON	Hamilton - 10/23 1843 - Thomas R. Burdy & Sons ad; "Building financial futures on 900 CHML"; Hamilton Farmers Market ad; "900 CHML invites you to Halloween...". (GL-NY)	
920	WPCM	NC	Burlington-Graham - 10/21 1825 - Ad mentioning Breensbori and Westover, the Clemson and North Carolina football. (WM-MD)	
930	WFMD	MD	Lexington Park - 10/21 1515 - "Mid Maryland Sports Leader, WFND" (DL-MD)	
940	WCPC	MS	Houston - 10/23 1912 - Weather forecast; time check; ad for Hyland Wholesale on Highway 15; mention of Houston; then southern gospel music. (WM-MD)	
960	WHYL	PA	Carlisle - 10/23 1730 - Good with NOS in WELI null. Deja Vu by Dionne Warwick followed by ad for AARP then "Chicago is My Kind of Town" by Frank Sinatra. "AM 9-60 WHYL, serving the mid-state for 50 years". (KP-CT)	
990	CKGM	ON	Montreal - 10/23 1852 - Stevie Wonder's "Very Superstitious"; "...on Oldies 9-90"; song, male vocalist; singing ID "Oldies 9-90"; song - "Great Jubilation?"; station ID "Oldies 9-90 CKGM Montreal"; Blues Brothers song. (GL-NY)	
1030	KTWO	WY	Casper - 10/25 1848-1925 - WBZ phased, strong and clear with ESPN Yankee-Mets Game 4 pre-game show. Various truck-auto commercials for Casper during ESPN breaks. ID'd as "K2 Radio" and "1030 KTWO". Disappeared at 1925 with pattern change where SS interference took over for the rest of the evening. WY#1. (SC-IN)	

1080	WTIC	CT	Hartford - 10/22 2004 - Visa & Starbucks spots, anncr "WTIC Newstime 8:05". Best signal yet from them in years! (FV-OH)
1160	WCCS	PA	Homer City - 10/13 1918-1932 - P-B-P (?? -pls) local football game, ads for S & C Bank, Homer City and Indiana County, poor. (DT-ON)
+	WXRT	IL	Chicago - 10/23 1935 - Promo for "Good Morning America on ABC 7"; ad for job fair in Chicago. (WM-MD)
1190	WOWO	IN	Fort Wayne - 10/23 1910 - World series talk; football talk; "11 men in the box"; "Best thing to happen to Jim Miller"; "1st degree sprain"; "for Tennessee to get to the Super Bowl they have to have a healthy Eddie George"; "6:15 pm... we'll be back with more on WO-WO"; Adelphia Business Solutions ad. WLIB (NY) faded in. (GL-NY)
1200	CFGO	ON	Ottawa - 10/23 1900 - Good; end of Primetime Sports talk, "Serving sports fans throughout the national capital region, this is CFGO Sportsradio 1200, The Team" and 20/20 Sports Update. (BC-NH)
1250	WEAE	PA	Pittsburgh - 10/23 1920 - "ESPN Radio 12-50"; sports news "...which you heard live on ESPN 12-50"; talk about the Jaguars and Monday Night Football; weather forecast; "Pittsburgh's ESPN". (GL-NY)
1290	WNBF	NY	Binghamton - 10/14 1847-1902 - Local talk show with woman translating Spanish-speaking guests Spanish to English, ID, in part as "Newstalk 1290, WNBF". Fair. (DT-ON)
1300	WJFK	MD	Annapolis - 10/21 1545 - Navy Football, Annapolis area advertising, "... come out and party with WJFK, Ravins Radio" (DL-MD)
1340	WSTV	OH	Steubenville - 10/14 2225-2255 - Talk and music, ID as "This is WSTV, Steubenville". Poor. (DT-ON)
1360	WKYO	MI	Caro - 10/15 2024-2100 - C&W music, brief ID, in part as "...WKYO...", int. WELP. (DT-ON)
+	WELP	SC	Easley - 10/14 2044-2123 - GOS music, part of ID heard twice as "...WELP...", int WKYO, sudden breakthrough. (DT-ON)
1370	WSPD	OH	Toledo - 10/23 2005 - Weather forecast, ID. (WM-MD)
+	WXXI	NY	Rochester - 10/25 2100 - "WXXI Rochester New York" "... on your NPR News Station" (DL-MD)
1380	CKPC	ON	Brantford - 10/26 1857 - Station ID - "Classic hits 13-80 CKPC"; song "Downtown"; station ID - "from Brantford you're listening to 13-80 CKPC". (GL-NY)
1430	WQLL	OK	Tulsa - 10/23 0645 - In/out with calls, mention of Tulsa. Gone by 0647. New. (MB-IN)
1480	WZRC	NY	New York - 10/18 2137-2152 - Talk show in Korean, fair, taken out at 2152 by WADR. (DT-ON)
+	WADR	NY	Remsen - 10/18 2152-2213 - One-on-one sports talk, CNN News, ID as "1350, 1480, and 1550 AM"; fair. (DT-ON)
1510	WLAC	TN	Nashville - 10/26 1906 - ID "on 15-10 WLAC"; world series talk; two pair of tickets to give away for the Predators; Octoberfest ad; taking calls at what sounded like 800-888-WLAC; football talk - Alabama, South Carolina. (GL-NY)
1530	WRTP	NC	Chapel Hill - 10/16 1835 - Ad for business on Highway 64; "Tune in for Jesus"; ID. (WM-MD)
1540	KXEL	IA	Waterloo - 10/26 1914 - Sports talk: "win a conference championship...lead his team into the national playoffs"; "Coach Dunbar Show" 235-1540, 1-800-584-7024; "You're listening to the Mike Dunbar Show"; restaurant ad; station ID - "15-40 AM KXEL"; "Your station for UNI Panther Football, 15-40 KXEL". Surprisingly good reception! (GL-NY)
1550	WAZX	GA	Smyrna - 10/22 1955 - Mex music till top of hour. Long ID with LOTS of reverb/echo. (FV-OH)
+	WAZX	GA	Smyrna - 10/24 1900 - Fair; promo for noticias, "Que Buena" slogans, Mexican banda music, over/under CBE. (BC-NH)
1580	WSMO	NC	Camp Lejeune - 10/23 1814-1817 - Nicely atop channel with C&W music and ID. Heard on car radio in Newton. (MD-MA)
1590	WJRO	MD	Glen Burnie - 10/21 1520 - GOS, very strong carrier, hwvr terrible modulation. Very lot level with a lot of low frequency rumble. (DL-MD)

**WRAR**  
FM 105.5/AM 1000  
Rappahannock Communications, Inc.  
P.O. Box 1023 • Tappahannock, VA 22560

- 1600 WINX MD Rockville - 10/21 1530 - SS, strong local signal. Numerous Maryland locations mention in advertising. (DL-MD)
- 1630 WAWX GA Augusta - 10/21 2157-2212 - Fair with hockey game well under a loud KCJJ. Heard on car radio while driving from Concord, MA to Waltham, MA. (MD-MA)
- 1670 WTDY WI Madison - 10/22 1951-2000 - Fair with Bruce Williams Show, ID, CNN Radio News. No trace of usual dominant WRNC at this time. (MD-MA)
- 1680 WJNZ MI Ada - 10/20 2045 - Hip-hop music, "1680 jams"; promo for local event, mention of Grand Rapids. (WM-MD)



*Station News*

- 640 WMFN MI Zeeland - 16/19 0626-0700 - Noted carrying BRN's "Business Morning" show. So it's back to carrying BRN, at least part-time, no longer carrying Westwood One's NOS (/ /WMJH-810) in AM Drive. (PLB-MI)
- 1030 WTLK TN Memphis - Post office returned report; not at address in Log. (DT-ON)
- 1630 WAWX GA Augusta (also WRDW-1480) - Address on envelope and letterhead: P. O. Box 211045 - Augusta, GA 30917, phone 706-855-9494. (SK-PA)

*Contributors*

- PLB-MI Phil Boersma Spring Lake, MI
- MB-IN Mark Burns Terre Haute, IN - New R8 (Congrats! -pls), Kiwa Loop, 80-foot random wire
- SC-IN Steve Chappell McCordsville, IN - 3 Terminated loops, Bearcat DX-1000
- BC-NH Bruce Conti Nashua, NH - R8B, MWDX-5, 100-ft wire, 100-ft east sloping wire.
- MD-MA Marc DeLorenzo Auburndale, MA - JRC NRD-525 with Quantum Loop; 1991 Nissan Maxima car radio with whip.
- DL-MD Dave Larrabee Columbia, MD - R8500 w/ Long Wires
- GL-NY Ginnie Lupi Ithaca, New York - Radio Shack DX-398, Select-A-Tenna
- WM-MD William McGuire Cheverly, MD - DX-398
- DT-ON Don Trelford Scarborough, ON - Grundig Yacht Boy 305, whip and "short" longwire
- SK-PA Steve Kennedy Coal Township, PA - Superadio III
- KP-CT Kent Plourde Bristol, CT - Sony 7600, Sony 2010
- FV-OH Fred Vobbe Lima, OH - Buick in dash radio just north of Lima.

**NRC Station Location Map Book**

6th edition - \$12.00 to members (\$17.95 non-members), postpaid.

Compiled by Bill Hale, this 239-page edition shows the location of all U. S. and Canadian broadcast stations (except TIS/LPRT) as well as latitude/longitude coordinates, plus instructions by Dave Sundius enabling users to calculate distance and bearing to any station. This 8.5x11-inch-sized book is three-hole punched for a letter-size ring binder. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.



The **NRC AM Radio Log, 21st Edition**, including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian members; \$22.95 to U. S. and Canadian non-NRC members. Airmail to members: Latin America, \$24.00; Europe, \$25.00; rest of the world: \$28.00. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).



**Professional Sports Networks**

**Barry S. Finkel** bsfinkel@ANL.gov  
 10314 S. Oakley  
 Chicago, IL 60643-2409  
*Network listings for team sports stations*

Here is National Hockey League (NHL) flagship information from "The NHL Guide", the October 13 issue of "Hockey News", and the Internet via Ken Onyschuk. The size of the network is listed after the announcers' names.

National Hockey League 2000/2001		
Anaheim Mighty Ducks	690	XTRA-BC Steve Carroll, Mike Greenley
Atlanta Thrashers	790	WQXI-GA Dan Kamal, Bob Beers
	102.3	WLKQ-GA
Boston Bruins	1030	WBZ-MA Dave Goucher, Bob Beers (10)
Buffalo Sabres	107.7	WNSA-NY Rick Jeanneret, Jim Lorentz
Calgary Flames	660	CFRR-AB Pete Maher, Doug Barkley
Carolina Hurricanes	850	WRBZ-NC (13)
Chicago Blackhawks	670	WSCR-IL Pat Foley, Dave Tallon
Colorado Avalanche	950	KKFN-CO a Mike Haynes, Norm Jones
Columbus (OH) Bluejackets	1460	WBNS-OH
	101.1	WWCA-OH
Dallas Stars	820	WBAP-TX Ralph Stangis, Daryl Reaugh
Detroit Red Wings	1270	WXYZ-MI Ken Kal, Paul Woods
Edmonton Oilers	630	CHED-AB
Florida Panthers	560	WQAM-FL
Los Angeles Kings	1110	KRLA-CA Nick Nickson, Daryl Evans
Minnesota Wild	930	WCCO-MN Bob Kurtz, Barry Buettel
Montreal Canadiens	800	CJAD-PQ (EE) Dino Sisto, Pierre McGuire
	690	CKVL-PQ (FF) Pierre Rinfret, Ron Fourrie
Nashville Predators	99.7	WWTN-TN * Pete Weber, Terry Crisp
	1370	WDEF-TN
	1240	WIMZ-TN
	1450	WKTI-TN
	1400	WAVD-TN
	1230	WMLR-TN
New Jersey Devils	770	WABC-NY -Mike Miller, Randy Veliscek
New York Islanders	620	WJWR-NJ Jim Cerney, Chris King
New York Rangers	660	WFAN-NY a
Ottawa Senators	1200	CFGO-ON (EE) Gord Wilson, Dean Brown
	1150	CJRC-ON (FF) Michel Langevin, M. Bryson
Philadelphia Flyers	610	WIP -PA a
Phoenix Coyotes	1060	KDUS-AZ Jim Johnson, Todd Walsh
	93.3	KDKB-AZ
Pittsburgh Penguins	970	WWSW-PA Paul Steigerwald, Bob Errey
	94.5	WVTY-PA
Saint Louis Blues	550	KTRS-MO Chris Keiber, Kelly Chase
San Jose Sharks	98.5	KUFX-CA * Dan Rusanowsky, Pete Stembkowski
	950	KAHI-CA
	970	KESP-CA
	1340	KATA-CA
	1270	KXBX-CA
	1430	KFIG-CA
	1460	KTXC-CA
	1490	KRKC-CA
Tampa Bay Lightning	1250	WDAE-FL b John Ahlers, Bobby Taylor, Phil Esposito
Toronto Maple Leafs	640	CFYI-ON Dennis Bejek, Joe Bowman, Jim Ralph
Vancouver Canucks	980	CKNW-BC John Shorthous, Tom Larscheid
Washington Capitals	980	WTEM-DC Steve Kolber



- = Last year's announcers  
 a = This station is also the flagship for a National Basketball Association (NBA) team network.  
 b = Ken has "620 WTAE". 620 is WSUN, and 1250 is WDAE. I am assuming WDAE.

# DX'er's Notebook

Shared tips, topics, and Internet info

**Dave Braun** [dcbraun@delanet.com](mailto:dcbraun@delanet.com)

863 Allabands Mill Rd.

Camden Wyoming DE 19934-2132

We start this time with various comments on receivers.

**Bill Hale** <[phantom2@eaze.net](mailto:phantom2@eaze.net)>: I'm looking for a small(er than ICF-2010) radio and have seen the DX-399 at Radio Shack for \$130 including AC adapter and carrying case. I would like any and all opinions from our group as to its +++ and — as far as a DX radio. Thanks in advance.

**Robert Foxworth** <[rfoxwor1@tampabay.rr.com](mailto:rfoxwor1@tampabay.rr.com)>: I got a DX399 a couple of months ago; it is not really sensitive enough to hear the weaker signals but I find that coupling a RS AM loop next to it inductively is enough to get down to the weak signals, and the loop tunes pretty sharply. Also I use a headset. It will tune to 1 kHz but there is no selectivity or BFO adjust and I think the chances of hearing any 'splits' on it are quite marginal. I like it for its portability. So far I haven't found a way to wire-couple the loop into the antenna jack, the inside ferrite seems to stay connected at all times. For instance at sunset I can go to 1640 and hear WKSH mix with the New Smyrna Beach TIS, on the loop, while there is no signal with the un-aided rx. It works pretty well on FM and SW and covers longwave as well, I'd say, go for it, if 'domestic' is your brand of DX. You can always return it inside of a month.

**Powell E. Way III** <[powell@conterra.com](mailto:powell@conterra.com)>: Well, I was over at my friend's house and spied a Marantz PMD 221 out on the trash. I asked what happened. He told me that [name deleted] claimed they couldn't fix it. It's a cassette deck, portable that lots of radio stations used. I decided to rescue it and sent it to my friend up in Greensboro. I have not any faith in the place it was sent. Putting in batteries...silent. Hooked it to the walwart and correct voltage and it blasted to life. Recorded JUST FINE from the line output of the DX-398 into it's very own line input. And not a TRACE of wear on any of the 3 (YES!) heads. It seems to be it'd be a bit easier to use than a one of those portable MD recorders. NICE VU meter.

**Frederick R. Vobbe** <[fredv@nrcdxas.org](mailto:fredv@nrcdxas.org)>: Powell, I have those in my studio. They are great decks for news gathering. The biggest PITA with them is the contacts on the side that become intermittent when something is plugged into them for a long time. Also, don't let the machine sit there with the wall wart on it all the time as it can damage the power supply in the recorder. If you use it a lot, order some extra pinch rollers, and use only non-water based cleaners to clean the heads, guides, and roller. Manuals are \$40 from Harris Broadcast if you need to work on the deck. Parts are available from Marantz.

**Phil Bytheway** <[phil-bytheway@teknologic.net](mailto:phil-bytheway@teknologic.net)>: I have just acquired an old Bearcat DX-1000. The front end must be shot as I can just barely hear any locals with their "whip" antenna. Does anyone out there have a schematic, service manual for this set. Would be nice if I knew what part to look for when I tear into it. For Kevin... I'm using a very nice Sony 7600G for DX... all the features of the 2010 at half the size... and it's more sensitive on AM with it's internal antenna. I have quite a few other small portables as well. Thanks folks... best of DX.

**Kevin Redding** <[lwdxer@juno.com](mailto:lwdxer@juno.com)>: "I'm using a very nice Sony 7600G for DX." You are the second to say they liked those radios. Mark Durenberger is the second.

**Randy Stewart** <[jrs555t@smsu.edu](mailto:jrs555t@smsu.edu)>: Let me put in my vote for the 7600G... it's a bit less sensitive on shortwave unless you use the clip-on "reel" antenna in addition to the whip, but it's pretty hot on mediumwave. And not only do you have synchronous detection, it's also quite stable for single-side-band reception with a continuously adjustable BFO.

**Russ Edmunds** <[wb2bjh@nrcdxas.org](mailto:wb2bjh@nrcdxas.org)>: Bill Hale, take note - several people are using this and like it. Maybe that's an alternative for you!

**Powell E. Way III**: Wellllllllll lets see, I have 2 digital RS ones, the 12-169 which has pretty good audio, and the newer 12-792 which has clock and alarm...and most likely is made by Sangean. I have a pair of DX-350's which are fairly wide...and that's why I bought them. I have a Zenith Royal 275...and it's fairly hot. Right now the Hammarlund HQ-129-X is warming the room up...but it's tuned to 3885.

**Kevin Redding**: "and the newer 12-792 which has clock and alarm...and most likely is made by Sangean." I have that. Its great for locals but DO NOT



**WTHO-FM WTWA**  
Camellia City Communications

try to hear even domestic DX with it. The bandwidth is way too wide. Still with the deep bass boost, it sure sounds good. I also have that 12-174 that is the exact duplicate of the Sangean DT-200V and it does a nice job at domestic and Mexican DX for me. I also have an AM stereo Sony SRF-42 p/n 12-127 and a big box full of transistor radios and the like. "I have a Zenith Royal 275...and it's fairly hot." I used to have a Zenith Royal 400 and it was a smokin' unit. I have a big radio, a Zenith Royal 94. It also was called a Zenith Interoceanic and its a pretty nice radio even for being 40 years old.

**Paul Smith, W4KNX** <[sunray2@gte.net](mailto:sunray2@gte.net)>: "Universal Pocket Radio circa 1966 5 Transistor 9v radio" I collect those tiny radios by the zillion. I have a friend here in Bradenton, that has over 3,500 of those small radios in his house. His and my favorite is the Zenith Royal 500 E model. A fabulous radio for DXing. Has a lot of history in all those radios, and all of them work. He also collects microphones, motorcycles and old flashlights. He jokes that the only thing he doesn't collect are wives <grin>.

**Ingolf Schulte** <[ingolfschulte@t-online.de](mailto:ingolfschulte@t-online.de)>: Hi to all members! I am not only into the hobby of AM & SW DX but also collect vintage transistor radios of pocket and portable size. Sometime ago I came across a mint Zenith Royal 500H. IMO, it is by far the best pocket set ever built, for a radio of that age (1962) it is extra sensitive, very selective with its 4 tuned circuits, and produces brilliant sound through its large oval speaker. Wherever you'll get one, grab it, you will definitely not regret it. It easily outperforms all comparable Sony and Toshiba sets from that classic era, and is well suited for DXing. As I write this mail it is tuned to 891 Algeria, which is no big sensation over here (grin).

**Powell E. Way III**: Well all, I have too many radios to count. I even have a battle scarred DX-398...;) So I have thought about adding a Sony 7600 (the digital one) to the pile. So compared to the DX-398 on the BC band only, what do you think? At Brasstown NC, I couldn't tell too much difference. The Sony has (and has had for some time) a SW77 for \$350 refurbished. It BLEW the DX-398 away on AM. At least Larry got his WKDK refrigerator magnet before anyone else...<VERY evil grin>

**Frederick R. Vobbe**: Where do you buy refurbished gear?

**Tom** <[radio@blazenet.net](mailto:radio@blazenet.net)>: For what it's worth, I have seen some interesting items at: [www.dxing.com](http://www.dxing.com). Click Universal Radio link, Then click used equipment list link.

**Powell E. Way III**: "Where do you buy refurbished gear?" At the Sony Factory stores. They have both new and refurbished. There is one in Southern Ohio most likely along an Interstate in a factory store/outlet mall.

**Bill Hale**: There's a Sony Repair Center in North Dallas near Coit and Campbell. I've taken my ICF-2010 there for a repair a couple of years ago. But... they ain't cheap!!!! Never thought about asking about refurbished gear. However, the list of 12 "factory outlets" around the US is at: <http://www.sel.sony.com/SEL/consumer/outlets/locations.html>, and appears that these are located in outlet malls. I know the one in San Marcos, TX is in one.

**Frederick R. Vobbe**: I'll have to search around and see what I can find. I know there was one in a seedy section of Detroit about 15 years ago.

**Ron Gitschier** <[RGITSCHIER@doyle.navy.mil](mailto:RGITSCHIER@doyle.navy.mil)>: A couple of years ago, I was on a two month road trip, driving from Jacksonville, FL to North Chicago, IL and on to Boston before returning to Jax. I wanted amongst other things to record quirky or unusual stations, using my home cassette deck. Tied to it I could use either of three radios for tuners. A Radio Shack TM 152 (with longwire antenna, an AM Stereo C-QUAM tuner, a Sony SRF-A1 four Mode (wideband) AM Stereo Walkman (with FM), or a Radio Shack DX-398. I originally intended to use my cassette deck in my barracks room in Great Lakes Naval Center, where I went for elevator training. While there, I bought a static inverter so I could, in theory, record AM Stereo stations around Chicagoland near their tx sites and patch it to the cassette deck so I could aircheck these stations on hi bias tape. Au contraire, Ron... that ((\*&^%\$)\_ += battery converter even at 20 feet away with a LONG patch cord using the battery powered Sony SRF-A1 let out the worse buzz I'd ever heard over the whole band. Toward the end of my month long stay I ended up looking for picnic areas on base that had 120VAC outlets (that worked) and used the TM 152 and Home cassette deck to make some airchecks in AM Stereo... in the rain and cold dampness on a covered picnic

table. At least with the rain it was easy to string out antenna wire, no one was at the park to get caught in it. I felt that trying to find an outlet I could tap into in an urban area and be unmoled for 45 to 90 minutes straight from the criminal element or the police for that matter would prove impossible... Has anyone had any success using a static inverter for airchecking? Probably not... I was able to get a refund on the Static inverter, even with the 'strange' explanation why I couldn't use it... < sigh >. I got the static inverter for use in the van... for aircheck recording with the home cassette deck while parked...

**KPOK**  
Country  
1340

BOX 1340  
BOWMAN, ND 58623

**Doug Smith** <Doug Smith W9WI>: I'm afraid that doesn't surprise me. The inexpensive ones generate square waves - pretty much suitable for driving a transformer, but very rich in harmonics. I bought one a few years ago so I could DX \*FM\* in the Land Between the Lakes. It was suitable for the purpose (and the 3-element FM quad antenna worked \*great\*) but it did induce some nasty buzz into the cheap audio amplifier I was using.

And some advice on where to get log books (not the AM Log, but to keep track of your catches!!)

**David P. Jones** <djpjones@nlkj.com>: Is there a log book available to record stations, etc? Or maybe a form that can be printed off the internet?

**Russ Edmunds**: None that I am aware of. One reason is that many people like to record more information on both what they've heard and also on the station than others do. Another reason is that many of us, like myself, no longer maintain a paper log - mine is entirely in computer files, even my old loggings.

**Wayne Heinen** <Nrclog@aol.com>: Look at item LG on the NRC Catalog on line at our web site <http://www.nrcdxas.org>

**Kevin Redding**: Funny that Russ, I have nothing on computer and all my logs are on paper. I know how a hard drive can crash, a disk can be erased by putting it too close to a speaker or an electrical wire or something. I would advise at least having a back up paper copy of your logs. That probably sounds strange from a person that asked for a SDXN.

**John Tudenham** <w0jrp@earthlink.net>: You may be able to use a ham radio ARRL log. Available from the American Radio Relay League 225 Main St Newington CT 06111.

And we're going to begin a discussion that became quite involved on the listserv following the talk of the future of DX tests, as we get into the future of NRC, DX News, DXing and other issues relevant to the club. I don't yet have much of it organized as I would like, so we'll get the ball rolling with the general idea this time, and by next issue I hope to be able to present more. And yes, I KNOW that this doesn't necessary help us in our DXing pursuits, but I think it has its place in this column anyway. (Definitely -pls.)

**Harry Helms** <ak6c@earthlink.net>: "Great - another reminder that newcomers like me have missed the Golden Years of AM DXing.:-)" Barry, The "Golden Years of DXing" ended when DX NEWS went to offset from mimeograph!:-) But stick around... I'm still sticking to my prediction that you are going to eventually see a drastic reduction in AM broadcasters once digital and satellite-based radio is common. Music will move to these CD-quality services, talk and ethnic will move to FM, and AM will gradually fade away. The "good old days" might be 20 years into the future!

**Richard Toebe** <rlichtoebe@jps.net>: Harry, AM radio may go by the wayside, but will MW? Is IBOC going to work? And aren't we all really MW DXers in NRC (LW BC is the exception because it is more similar to MW radio than other bands.) I checked the NAB website to see if there was anything about the experimental 1700 station; it only mentioned that the revised IBOC standards were about ready for submission to the FCC. If it is up to the British, MW will probably go away. There's a new digital radio receiver coming on the market in England, to be sold as a device you plug into your PC though the signals come from the air. It's called the Psion Wave Finder. Check it out at: <http://www.wavefinder.com/frHome.asp?page=home.asp>

**John Callarman** <JohnCallarman@email.msn.com>: "The Golden Years of DX-ing" ended when virtually every station in the United States license for unlimited hours went 24/7. The golden PAGES of DX'ing ended when DX News went offset. There was one advantage to mimeographing DX News. It was possible to airmail IDXD editor Pete Taylor DX-ing results from Monday morning, have them arrive in his P.O. Box in San Francisco Tuesday night, have Pete's stencils typed and in Ray Edge's hands in time for the bulletin to be received by Saturday... or the following Monday at the latest. We - the overall BCB DX'ing community - have developed since the advent of universal NSP operations have developed antennas and filters that clear away a lot of the crud. DX-ing, thus, still has challenging possibilities. But it isn't as easy as it used to be. As far as DX tests are concerned, cheers for those who endure the frustration of stations who neither know nor care about DX-ers and keep trying to find those rare ones who will do something special to help us to hear them. Just because it's a lot harder is no reason to quit trying.

**Paul Swearingen** <PlsBCBDXER@aol.com>: Through a bit of a fluke, we're coming close to that now - in that DDXD-E contributions e-mailed to me as late as Friday night or even Saturday morning pause only briefly before being socked into the column and the magazine on Saturday afternoon. I take the pages to the printer on Monday morning, pick it up on Thursday afternoon, and mail it out Friday afternoon, so that those within around 100 miles of Topeka can read about DX catches only a week after they happen. But even after Michael

**WOR** RADIC  
710 AM

resumes his editorship, and Bill continues his, there's a maximum 10-day turnaround for DX to print if the catches are e-mailed directly to Michael and Bill. I wish I did have an offset press and a place to put it (not to mention the camera, plate burner, paper cutter, folder and stapler, etc.)... you'd see about a 4-day reduction in DX-to-print time. But then there's that "day job" to get in the way, hi!

**Bruce Conti** <BACONTI@aol.com>: Rather than lament the golden years, just look at what we have today and there's no comparison. Advances in technology have provided DXers with instant log reports and international long-distance communication between DXers via the Internet, and a nice offset printing of DX News for reference and archiving.

**Harry Helms**: Let me throw some gasoline onto this gently glowing ember of a discussion... So when will DX NEWS be distributed in electronic form, probably as a PDF document? Eventually I think this is the route all radio clubs will have to go to avoid rising postage and printing costs and to save work for the "publisher" (in quotes because I'm not sure what we should/will call someone who prepares and distributes electronic documents). OK, flame away!

**Paul Swearingen**: "So when will DX NEWS be distributed in electronic form, probably as a PDF document?" Never, or as long as I am publisher and the current Board of Directors' members are in place. Had not a former self-entitled "general manager" absconded with the AM Log data, not to mention FM station info, both of which he'd gathered from membership input, and published his own logs to line his own pocket, we might not today be so hardline on this subject. We just don't intend to make it easy for anyone else of his ilk to follow the same electronic path. "Eventually I think this is the route all radio clubs will have to go to avoid rising postage and printing costs and to save work for the 'publisher'" Ironically, in reference to my first rebuttal, I use several computers to prepare the layout for DXN plus the CASS-certified mailing labels. Without them, I'd have to give up my day job; with them, my work load in preparing DXN is easily manageable. I should mention that we haven't raised the price of membership for about 14 years, although the cost of printing DXN has indeed gradually increased over the years. As it is, the subscription price versus the cost of printing and mailing DXN is pretty much a break-even proposition now. By the way, I've found that pdf files do NOT reproduce very well as black-and-white images suitable for printing. Poetic justice, I guess. "OK, flame away!" Yep, go ahead. Make my day!

**Russ Edmunds**: To visit the last one first, he is still a publisher, albeit an electronic publisher! If you consider how few members are on the list (relatively speaking), that probably gives you an indication of the answer. I'm also quite sure that only 'x' percentage of subscribers to the lists and a much lesser proportion of non-list members would be equipped either in terms of software or in terms of proficiency to do that. Of course, if your definition of 'eventually' is long enough, then you may be right on...

**Bruce Conti**: The problem is that it's much more expensive for an individual to print hard copies than it is with mass production. Every time I have to replace an ink cartridge, it's another \$25 down the drain. It's much more convenient to pay \$22 a year for the printed magazine, which comes in a nice portable package, than to have to download magazines and print my own. I don't ever want to see DX News replaced with something on-line. There are already enough resources on the Internet, including the NRCDXAS reflectors and the IRCA's AM DX News Flash.

**Phil Bytheway**: Not to mention the "soft" DX Monitor.

**Russ Edmunds**: I think the cost of the ink cartridges is an excellent point, because they don't give you the same number or images I used to get at my former office from an old HP-IV, hi.

**Harry Helms**: Not trying to be contentious here, but just how does keeping materials in hard copy protect NRC from having the data ripped off? I could VERY easily produce an electronic version of the new NRC log using my scanner and the various text recognition/conversion and page layout programs I have along with Access. It's not rocket science to do so. No disrespect intended, but anyone who thinks keeping material in strictly hard copy is some sort of protection against infringement is kidding themselves. Paul, PDF files are now emerging as a competing format to PostScript for direct-to-film printing projects. The last couple of books I have worked on were sent to the printer as PDF files and the final results were great. We also offer our books in downloadable PDF form, and about 20% of our sales in the most recent quarter were in that form. One other advantage of PDF is the full-text search capabilities which extend across multiple titles; for example, you could enter "1630" as a search item and all references to that in a full year of DX NEWS would be retrieved (assuming all issues were stored in a single directory). You can also "lock" PDF documents to a single PC to prevent piracy. As far as the printing costs go, I have a feeling most people would only print very few parts of each issue. I don't need DDXD- East in hard copy for example, nor do I need AM Switch in hard copy—I enter the changes directly into my log. I'm not trying to get rid of Paul — NOT YET ANYWAY!:-) — but I did want to raise this issue as I think most radio clubs will have to eventually consider going to electronic

**WKBW Radio 15**  
A Friendly Place

bulletins to compensate for rising costs and declining membership (fortunately, the latter is not a serious problem for NRC at this time). Bob Grove at Monitoring Times has seen the future and is being very smart about offering MT in PDF form. OK, back to the dials...

**Russ Edmunds:** While you are correct, Harry, it was and is far easier and cheaper to simply abscond with the electronic files, which also has the added consequence of leaving the club without copies... "I have a feeling most people would only print very few parts of each issue." But many people like to save from several to very many hard copies of DXN for reference, and only some of us have the hardware (parallel to my prior comments) to handle archiving a year's worth of DXN's or more, and I suspect you're probably missing the mark as to how many people would opt to print. In my prior job, I can't begin to conceive of the amount of paper which was wasted by people who insisted on having paper copies of everything — whether to ensure against the consequences of the not-infrequent hard drive or LAN drive or backup failures or because of legal requirements, or non-progressive senior managers or their own individual reasons...

**Bruce Conti:** Another reason to keep DX News in print: As technology moves forward, DX News will always be accessible. For example, I have 78 rpm records from the 1940's, and old large-size floppy disks from the 1980's when they were really floppy, but nothing to play them on. I have books from the 1920's, and they can be picked up and read at any time, no antique equipment required (except perhaps an armchair and Tiffany lamp for ambience).

**Russ Edmunds:** Also another excellent point - today's pdf files could well be tomorrow's indecipherables...

**Harry Helms:** However, we are in an era where standards are taking hold and once something is digital it can be converted to new digital storage formats. The data on your big floppies could be rescued and saved to more modern storage media. The flip side of paper is that it will eventually decompose and whatever is written on it will be lost. I have been scanning and saving issues of 1960s electronics magazines I own (like Electronics Illustrated and Radio TV Experimenter) because the paper they are printed on is getting discolored, brittle, and is clearly not much longer for this world.

**Russ Edmunds:** Only to the extent that the data on them was composed in a software which has been 'mapped' (for lack of a better word) for as conversion program or even for something to read it. Been there, tried and failed to do that for the reason cited...

We'll continue this next time. Finishing up for us this time,  
OFF THE INTERNET...

From Scott Fybush's *NorthEast Radio Watch* dated October 16, 2000:

Our Albany bureau chief, Gavin Burt, checks in to let us know WMVI (1160 Mechanicville) has indeed flipped to a 60s AC format as "Sunny 1160," though he reports the signal still needs some work in the south end of the market...WTRY (980 Troy) has officially become WOFX ("Fox Sports")...Just north of Albany, the WBZA calls (long heard on 1230 Glens Falls, now WMML) have disappeared from the 1410 South Glens Falls facility where they'd been living. That station is now WENU(AM), simulcasting standards from WENU-FM (101.7 Hudson Falls) and prompting speculation of a format change to come on the FM side...Down in Olean, we hear WOEN (1360) will dump talk for a soft AC format sometime this fall...One bit of news from CANADA, and it comes to us through North Country correspondent Mike Roach: CJET (630) in Smiths Falls, Ontario has turned on its new FM signal at 92.3. Mike reports that "Country 92" began running a test loop of country music Saturday morning (10/14), which means the AM should be dark within a few months. (NERW's suddenly very glad that we made it up to Smiths Falls over the summer, and not just for the Hershey Canada factory tour!)

And from the October 23, 2000 *NorthEast Radio Watch*:

Citadel's WNSS (1260) in Syracuse dumped its AP all-news format last week, becoming one of the first two broadcast affiliates of the Comedy World network, heretofore a Web-only service. (The other one? KEYF 1050 in the Spokane market...) NERW tuned in 1260 as we passed through the Salt City Saturday morning, and ended up leaving the dial there for about 40 minutes. All-comedy radio hasn't worked on a local level the last few times it's been tried, but you know what? This service sounds pretty good. Imagine a talk format with comedy bits sprinkled in where a typical morning show might play a song or two, and you're pretty close to the concept...Downstate, a reader checked in to let us know that Port Jervis' WDLC (1490), which we'd heard was dark, is on the air and simulcasting sister station WISX (96.7), so update your logs accordingly...With the Six Flags amusement park closed for the season, WPNT (1600 East Longmeadow) has changed format back to a simulcast — but not sister FM WAQY (102.1 Springfield). Instead, Saga is using 1600 to relay its new purchase in the Pioneer Valley, WHMP (1400 Northampton). Can WHMP's programming, aimed at listeners in Hampshire County, make inroads against big talk competitors WHYN and WNNZ on their home turf in Hampden County?...There's a new sports radio station in CONNECTICUT, as WSUB (980 Groton) moves from talk to ESPN as "The Ticket Sports Radio 980," with an updated Web site <<http://www.wsub.com>> to go along...

## Hobby Audio Recording in the 21<sup>st</sup> Century

By R. Charles Rippel, member: NU, NRC, AMRAD

Throughout the radio hobby, establishing and maintaining a record-keeping system is an important facet of active participation. Regardless of which segment of the electromagnetic spectrum the listening enthusiast chooses to pursue, keeping track of what, where and who was heard is important. This allows the hobbyist to set and meet goals as well as document what exactly was heard. Many listening enthusiasts use strictly written records while some use a combination of written records and some form of audio archive. With the increasing difficulties in obtaining written QSL's, many DX'ers are taking the position that a clear recording of a broadcast with a station ID confirms that a given target was heard. The purpose of this article is to help those who make audio recordings of what they hear utilize the latest technology to capture their audio.

In the past 20 years, cassette recording of radio programming was the format of choice. The medium is small, easy to handle, and portable. Recording equipment could be purchased at reasonable pricing which was capable of making very faithful recordings. Technological improvements produced reliable, portable equipment which was equally useful at home or it could be taken into the field on DX'peditions allowing the DX'er to return with exciting clips of audio from rare stations.

For all its convenience, tape recording has its shortcomings. Audio recorded on cassette tapes tend to be "hissy" even when Dolby® noise reduction was used. The low, 1-7/8 IPS speed allowed for quick tape saturation when a signal faded up suddenly resulting in distortion or sometimes inaudible passages in the recording. Finally, indexing or keeping track of what was actually on a tape is cumbersome at best. Written notes must be kept against tape index counter readings. If the notes become lost or accuracy during an active listening session is compromised, the usefulness of the recorded audio is academic at best.

Time and technology have presented several new formats of audio recording. Digital Audio Tape (DAT), writable CD and Minidisc (MD) are but a few. Because of the unique capabilities offered to the radio hobbyist, this article will focus on integrating the Minidisc format into your listening hobby. Also, we'll look at a few Minidisc models to illustrate the various useful features the medium offers.

The recordable Minidisc is a reusable medium whose appearance is approximately that of a standard 3-1/2" computer floppy disk. However, the MD is smaller at about 2/3 the size of the size of the floppy. The discs are offered by the major magnetic media manufacturers such as Maxell, TDK, Sony, etc. As of this writing, a pack of 4 Maxell Gold MiniDiscs sell for \$7.99 with a free case offer on the Internet at Planet MiniDisc: <<<http://store.yahoo.com/planetminidisc/index.html>

That's about 600 minutes of mono record time representing the equivalent of 6.6 - 90 minute cassettes.

Through its digital ATRAC coding system, a single Minidisc is capable faithfully recording an exact digital copy of up to 74 minutes of stereo audio on as many as 254 separate tracks or individual cuts. On hardware so equipped, the recording time is approximately doubled when program material is recorded in mono.

An important feature for the hobbyist, a Minidisc can hold up to 1,700 characters of user programmable text, numbers and characters that are used to label each track or selection recorded.

The MD disk itself is written and read with a low power laser; thus, typical specifications are about the same as a CD. Frequency response is 20-20,000 cps +- .3db, undetectable wow and flutter, signal-to-noise ratio in excess of 100db, etc. Audio can be input and output from most Minidisc equipment in a variety of methods. This includes conventional line level audio connected VIA RCA plugs. For the musical purist with compatible equipment, some machines offer direct digital input VIA a single coaxial input or, in the case of the more upscale equipment, the digital signal is opto-coupled from the audio source VIA a single fiber-optic cable. The radio hobbyist will most likely to use the RCA inputs to couple line level audio from their receiver to the recorder.

Minidisc recorders are available from most of the major Japanese electronics manufacturers. There are home units about the size of a CD player, which run off the commercial power mains. Some manufacturers also offer portable models whose footprint is no bigger than 2 credit cards yet are full featured and can operate for many hours on various types of batteries. Sony seems to offer the broadest line of home recorder/players, and there are several excellent brands of portable and even car units (players) on the market as well.

As the hobbyist begins to read the product literature from the various models to choose one which best suits his or her need, they can be quickly overwhelmed by the many product features recording in the digital realm offers. A good way to start the selection process of an MD unit is by visiting the



Minidisc Community page on the Internet. It's available at: <<[http://www.minidisc.org/whole\\_page.html](http://www.minidisc.org/whole_page.html)>>.

Here, you can learn about the various features such as editing modes, track indexing, and synchro-recording offered by the MD format. What is easy about selecting a Minidisc recorder for hobby use is to identify a few features important to the DX'er, and then use that criteria to help make a hardware choice.

Perhaps one of the more unique characteristics of the format is the ability to add user-chosen titling information to each recorded track. As the selection is played back, the titling information appears back on the player's main display in one or more lines usually by scrolling. The titling information is entered as the initial recording is being made or during a later edit.

Where I'm recording a 25M reception of All India Radio, a basic entry might consist of the following which the recorder would encode as data onto the disc which would display as the audio is played back: *AIR Bangalore 11.620 MHz 2142 UTC 08/19/00*

With this 45-character note scrolling across the screen of the player, there is little doubt as to what the program material is being played back. I noted the station name, frequency, and that the recording was started at 2142 UTC (more on time labeling later). The date was August 19, 2000.

A more detailed description for the same logging might read: *AIR Bangalore 11.620 MHz 2142 UTC 08/19/00. Note ID by OM @ 0:18.0*

In the case of the detailed description of my AIR logging (68 characters), some additional detail was added to indicate that at 18 minutes into the recording, there was an ID by a male announcer. You may title each selection if you wish and what is written and its format is completely your choice.

Because the Minidisc recording system works in real time, most hardware offers several modes of accounting for both playing and recording time. *Time into track, length of track, time remaining on disc* are but a few of the time display modes. On a personal note, I always label my recordings as to exactly what time they start. I can then refer to the *time into track* to correlate the occurrence of a recorded event with the actual time at a later date. The titling feature is key and can be a very powerful aid to the radio hobbyist.

Because of the potential power of titling, pay particular attention to whether a particular piece of hardware, be it a home or portable unit, offers the ability to title tracks. Nearly as important as the feature allowing the machines to title a track is how the user must go about adding the text. Most home and all portable units allow the text to be entered VIA multi-function keys or controls on the front panel. Some home units allow the text to be additionally entered VIA a remote control.

I particularly like a feature offered by both the Sony MDS JB-930 (Street price: \$319 US) and the soon-to-appear MDS JB-940 which allows a standard computer keyboard to be plugged right into the front of the machine. All text entry, including upper and lower case alphabet, numbers, and punctuation can be conveniently typed in from that keyboard. Additionally, some functions of the machine can also be controlled by entries via the keyboard in addition to the usual front panel and included remote controls. Additional information about Sony MD Products may be obtained at their www site at: <<[>>](http://www.sel.sony.com/SEL/consumer/ss5/).

Hardware equipped with the mono recording feature (sometimes called "extended play") is becoming increasingly difficult to locate but is important feature for the hobbyist. There was some controversy concerning high frequency loss caused by the algorithm used to digitally encode and thus enable monaural recording. The frequencies where the loss occurred were well beyond the range needed by the hobbyist; yet, some manufacturers may be by-passing the issue by simply deleting the feature on newer machines. Indeed the Sony MDS JB-940, which will replace the MDS JB-930, does not list monaural recording as a product feature. That issue can be reviewed at the Minidisc Community www site.

If you cannot locate a home player with monaural recording, there is an easy work around albeit with the loss of the double record time advantage. Simply combining the right and left RCA inputs with a simple "Y" adapter from your local Radio Shack works fine.

Home recorder/players range in price from \$159 to over \$700US. Portable players offer many of the same features but in a much smaller package. All of the MD format advantages, including the excellent specifications, apply to portables. The footprint of the typical portable is tiny and approximates 2 credit cards laid side by side or, about 3-1/8" W X . . . thick X 3-1/2" D (78.8 X 18.8 X 86.8mm). The players are just slightly larger than the actual MiniDisc.

Battery life for a typical new technology portable is excellent. One machine quotes 34 hours of playback or 13 hours of recording time on just 3 "AA" cells. Newer machines even offer latest technology, rechargeable Lithium Ion cells which have excellent capacity but none of the charge "memory" issues associated with conventional NiCad's.

Interestingly, most of the portable machines are so small, standard "AA" cells will not fit in the case and must be located in a separate battery case. Some players come equipped with a specially sized

## WHMI & WHMI-FM

rechargeable battery that will fit inside the case making a neat, easily portable package great for DX'peditions.

Due to their size, portables have a few additional issues including the ones mentioned for home units to be aware of. Some portables do not offer manual input gain controls. Instead, an audio ALC circuit is employed which, while sophisticated, may not be able to properly ride gain on something like a static crash.

Because of their small dimensional size, the controls are likewise small. This can cause operations such as titling and editing to be a bit challenging. However, when faced with the choice of using a cassette or a portable MD, the MD wins hands down every time.

Like portable CD's, MiniDisc players are very rugged. Many use an anti-skip design which "remembers" a certain number of seconds of previously played material but on an ongoing basis. Should a shock occur and the data feed from the disc interrupted, the player will digitally reconstruct the audio from the previously memorized audio data. But know that like all home electronics, getting a MiniDisc player wet is its death-knell. The lead in the solder used in the assembly of the circuits will begin to corrode, and the process is not repairable or reversible.

Finally, make sure the model of choice offers a Line Level Input. It is this input which connects to the line level audio output of your receiver. Pass up units which offer only a microphone or digital input.

A couple of portable models which offer the features used by the hobbyist are the Aiwa AM-C80 and Sharp MD-MS722. Both offer titling and mono-recording. I choose the Aiwa model, as the US model features an included "Car Kit" which enables the unit to play through my car stereo via a special cassette configured as an input device. A cigarette lighter plug, regulated to the appropriate voltage, is also part of the "Car Kit." Portable recorder/players range in price from \$100US all the way to \$1,300 for the Marantz PMD-650.

Watch the sales but be *very careful* about Internet purchases. Many of the U. S. based divisions of Japanese manufacturers *will not* honor warranty coverage on products generally bought over the Internet unless it is through an "Authorized Internet Dealer." Here are a few examples:

Crutchfield at:  
<http://www.crutchfield.com>  
J & R Music World:  
<http://www.jandr.com>

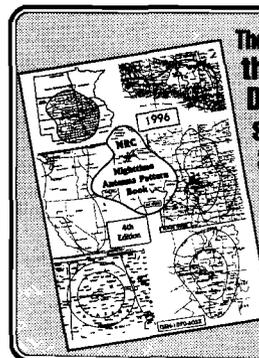
### It may not be perfect ...

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### For Beginners ...

the world of DX'ing can be confusing, but both new and experienced DX'ers can find answers in Russ Edmunds' column, "Target DX." If you have a DX question, just send it to Russ at <<[wb2bjh@nrcdxas.org](mailto:wb2bjh@nrcdxas.org)>> or 753 Valley Rd. - Blue Bell, PA 19422-2052 and he'll answer it in a future column. Remember - you're not alone - we all started at the beginning - once!



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## Excerpts from DX Listening Digests 0-119 and 0-120

By Glenn Hauser

### U S A. Crawford's KLVZ-AM 1220 to switch to classical

"Crawford Broadcasting's Christian contemporary KLV-AM, Denver changes format. Switching to classical. Effective Monday, October 9th. The station decided on the switch after the news of Latino Communications buying classical KVOD-AM, Denver from Clear Channel. When the sale is complete Latino Communications plans to change the format of KVOD-AM to Spanish-language. This frees up Crawford to switch KLV-AM to classical."

This is both good and bad news. Good in that classical radio will continue in Denver. Bad in that the effective power of the 1220 frequency is much lower than 1280.

Perceptive Denver radio listeners will recall that Zee Ferrufino sold 1220 AM to Crawford for around \$1.5 million within the last year. The format changed from Spanish to Christian. 1220 will now switch to Classical. 1280 switches from Classical to Spanish. Any questions? ("Ruby Hill", Sept 28, <http://www.kvod.com> listener forum via DXLD) This updates COM 00-08, and refers also to WOR 1053; DX LISTENING DIGEST)

### U S A. KLVZ-AM plans Oct. 9 switch to classical music

By Dusty Saunders, News Broadcasting Critic

Denver's classical music lovers will still have Bach, Brahms and Beethoven on the radio.

Following Wednesday's announcement that the classical music format on KVOD-AM (1280) will be dropped by new owners in favor of Spanish programming, Crawford Broadcasting said Friday KLVZ-AM (1220) will switch to classical no later than Oct. 9.

The station currently features Christian music and talk programming. KVOD has been purchased by Latino Communications of Denver.

Don Crawford Jr., head of Crawford's local broadcasting outlets, said the switch "is a natural," in light of Latino Communications' decision.

The station will concentrate on "traditional classic" rather than on more "obscure" modern music, according to Crawford.

KLVZ (formerly KBNO) operates with 660 watts in daytime but drops to 60 watts at sundown, making it difficult to pick up in many parts of the Denver area.

Noting there's a possibility of increased power, Crawford added the KVOD call letters would be added if Latino Communications drops them. Crawford called the format a "great companion" to Crawford-owned KLZ-AM (560), which features nostalgic music.

### Colorado Public Radio Acquires Denver Station

#### From Colorado Public Radio's website

Colorado Public Radio announced today (10/6/2000) that it has acquired a second Denver radio station to provide Colorado Front Range listeners with full-time classical music programming.

The 1340 AM station, acquired from Catholic Radio Network for \$4.2 million, will begin classical music broadcasting immediately upon Federal Communications Commission approval of the sale.

"This is a major step toward Colorado Public Radio's long-term goal of providing a two-channel radio network for listeners statewide," said Buzz Victor, Chair of the Colorado Public Radio Board of Directors. "Given the recent turmoil in Denver radio, we feel a strong obligation to ensure the survival of classical music radio as a vital community resource."

Colorado Public Radio's KCFR will continue its current schedule of in-depth news and classical music programming at 90.1FM, while the addition of 1340AM will allow for the continuation of full-time classical radio in Denver. Special programs such as the weekly Colorado Symphony Orchestra concert broadcasts will now be heard on both 90.1FM and 1340AM.

Latino Communications LLC recently announced that it will switch the current KVOD classical music format at 1280 AM to Spanish-language programming. Latino Communications and Colorado Public Radio have agreed to transfer the KVOD call letters and music library to Colorado Public Radio.

"KVOD has been a mainstay of classical music programming in Denver for more than 30 years," explained Max Wycisk, Colorado Public Radio President. "In the changing media world it is natural that KVOD can become a non-commercial, public radio service. Colorado Public Radio has been working for several years to produce the highest quality classical music service possible. Now all of our classical programming will have a full-time home in Denver."

1340 AM reaches the entire Denver metro area and beyond, broadcasting with 1000 watts of power 24 hours each day. Programming details will be announced once the acquisition is completed.

It's finally happened. CPR got their second Denver station. Interestingly, they paid over \$1 million more than Ferrufino paid for 1280 AM. And for an inferior quality signal: 1280 broadcasts at 5000 watts, 1340 at 1000 watts.

It is Ruby Hill's opinion that CPR had little choice other than to buy an AM station given the ever-escalating prices of Denver FM frequencies. Certainly it's not the solution that CPR sought nor will be happy with. Given the timetable for ramping up their 24-hour classical service, they had little choice.

By being awarded the KVOD library, CPR has made it much more difficult, probably intentionally so, for any other entity to start up a new classical radio operation. The combined CD libraries of KVOD, KCFR and additionally KCFR's partner in L.A., KUSC cover roughly the same time period of acquisition: 1982 to present. One would expect that there would be countless duplications not only of major works by different performers but of the very same performances.

Ruby would be very surprised if any of the current KVOD staff were offered positions with the new KVOD.

Ruby's best guess is that 1340's programming will be a simulcast of 90.1 with the exception of the non-music programming. Eventually all of 1340's programming will be sourced from the Classical Public Radio Network, a joint venture between KCFR and L.A.'s KUSC. The only exceptions would likely be the Colorado Symphony broadcasts and an occasional Opera Colorado performance.

It may boil down to whose satellite broadcasts do you prefer: Crawford will be airing WCRB's SuperRadio programming from Boston, KCFR and the new KVOD will be airing CPRN with programming assembled in L.A. and Denver. You can certainly expect the latter to employ state of the art voice-tracking, etc., all at the expense of a true local presence. Crawford will be using local announcers at varying times to be determined. Which one, if either, will air Karl Haas?

Believe it or not (and you should because it's true), NPR outlets make their money from the news/talk programming, NOT the music. Philadelphia's WHYY and WRTI do not differ dramatically in ratings but DO in dollars raised. WHYY, airing news/talk has much more money in their coffers than does WRTI which programs classical during the day, jazz at night. BTW, classical listeners dole out the bucks more so than the jazz audience.

Given the listenable range of 1340 AM and the potential dollars lost in fundraising, it would make more sense to move ALL of the classical programming to 1340 and air nothing but news/talk on 90.1 FM. Ruby isn't advocating this but that's the harsh reality. Commercial radio outlets would die to have the ratings that Morning Edition and All Things Considered garner. The biggest problem with CPR's concept of NPR programming is that they simply choose to repeat rather than air additional programming. Do we need to hear two 2-hour blocks of ATC? Wouldn't listeners be served better by airing Prairie Home Companion and Car Talk once in order to air Saint Paul Sunday, Schickele Mix or any of countless other fine offerings? It will never happen. CPR's goal is to maximize revenue. They pay no additional monies to repeat programming, additional programs would require additional money to be spent. ("Ruby Hill", KVOD.com listener forum via DXLD)

This is ironic. 1340 is where KDEN-AM was parttime simulcasting classical music with KDEN-FM before KDEN-FM became KVOD (Norm Metcalf, *ibid.*, Oct 6 via DXLD)

Max Wycisk said he would never put news/talk on AM, because "nobody under 45 will listen to it."

Since hardly anybody UNDER 45 listens to classical radio, I guess he figures the music belongs on AM!

At 1280, KVOD demonstrated SOME surviving local content and support for local arts groups. But at 1340, presumably with 24-hour syndication from the Classical Public Radio Network, there will be little resemblance to the original.

This, just in ...

KLVZ (1220) reportedly will continue with its plan to switch to classical music on Monday. How "local" will it be? Reports are in conflict. Even though 1220's signal will be weaker than 1340's, a demonstration of localism could be an important point of differentiation between KLVZ and KVOD-1340.

That may not be economically feasible, however. So Denver may have to be content with two syndicated classical formats. After all, isn't that better than ONE syndicated classical format?

[Remember, the first prize is one night in Hoboken; the second prize is TWO nights in Hoboken!] (Friend of Ruby, Oct 6, KVOD.com listener forum via DXLD)

[As a side note, in early September, Entercom in Kansas City switched classical station KXTR from 96.5 to 1250, the former WREN and most recently KKG, "The Game". With several competing all-sports, or near-all sports stations in town, KKG apparently could not stay in the competition, even as the "junior" sidekick to KMBZ-980. The 96.5 station became "The Buzz," just another me-too contemporary station, which format dominates the KC market. Classical music can now be heard only on FM in the KC area on university stations, most notably KANU-91.5, Lawrence, KS -pls]

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NY 13661-0164 and ask for the NRC Publications Catalog.

## ESPN Radio Affiliates ... compiled by Bill Hale

Freq	Station	City/State	Freq	Station	City/State	Freq	Station	City/State
540	KIEZ	Carmel Valley, CA	910	WJCW	Johnson City, TN	1230	KINO	Winslow, AZ
540	WQTM	Pine Hills, FL	910	WNHV	White River Jct, VT	1230	KGEO	Bakersfield, CA
540	WDAK	Columbus, GA	910	WRNL	Richmond, VA	1230	WGGG	Gainesville, FL
550	KTZN	Anchorage, AL	920	KBAD	Las Vegas, NV	1230	WHOP	Hopkinsville, KY
550	WDUN	Gainesville, GA	920	WRD	Lake Placid, NY	1230	WSOO	Sault St. Marie, MI
550	KMVI	Wailuka, HI	930	WNZS	Jacksonville, FL	1230	WTSV	Claremont, NH
550	KBOW	Butte, MT	930	WHON	Centerville, IN	1230	KRSY	Alamogordo, NM
550	WGR	Buffalo, NY	930	WSLI	Jackson, MS	1230	KTHR	Gallup, NM
550	WDEV	Waterbury, VT	930	WRVC	Huntington, WV	1230	WMML	Glens Falls, NY
560	KBLU	Yuma, AZ	940	KXUX	Bend, OR	1230	WFAI	Fayetteville, NC
560	WQAM	Miami, FL	940	WGRP	Greenville, PA	1230	KDIX	Dickinson, ND
560	WVOC	Columbia, SC	940	WFAW	Ft. Atkinson, WI	1230	KWSN	Sioux Falls, SD
560	WNSR	Brentwood, TN	950	KOEL	Oelwein, IA	1230	KWUN	Salt Lake City, UT
570	WMAM	Marinette, WI	950	WSPA	Spartanburg, SC	1230	WCLO	Janesville, WI
590	KCSJ	Pueblo, CO	950	KJR	Seattle, WA	1230	WXCO	Wausau, WI
590	KFNS	Wood River, IL	960	WRFC	Athens, GA	1240	KRDO	Colorado Springs, CO
590	KUGN	Eugene, OR	960	KKJX	Klamath Falls, OR	1240	WLAG	LaGrange, GA
600	KIIX	Ft. Collins, CO	960	WILT	Mt. Pocono, PA	1240	KWIK	Pocatello, ID
600	WBWL	Jacksonville, FL	970	KIAK	Fairbanks, AK	1240	WSDR	Sterling, IL
610	WTVN	Columbus, OH	970	KANM	Modesto, CA	1240	KICD	Spencer, IA
610	KVNU	Cogan, UT	970	KBBK	Rupert, ID	1240	KIUL	Garden City, KS
620	KMNS	Sioux City, IA	970	WZAN	Portland, Me	1240	WCEM	Cambridge, MD
620	WTMT	Louisville, KY	970	WBLF	Bellefonte, PA	1240	WJON	St. Cloud, MN
620	WZON	Bangor, ME	970	WATH	Athens, OH	1240	KWOS	Jefferson City, MO
620	WHEN	Syracuse, NY	980	KCAB	Dardanelle, AR	1240	WITN	Jamestown, NY
620	WVMT	Colchester, VT	980	WSUB	Groton, CT	1240	WJNC	Jacksonville, NC
630	WEJL	Scranton, PA	980	WTEM	Washington, DC	1240	WLNR	Kinston, NC
640	WWLS	Oklahoma City, OK	980	WAAV	Leland, NC	1240	WBBW	Youngstown, OH
650	WNMT	Hibbing, MN	980	WILK	Wilkes-Barre, PA	1240	KADS	Elk City, OK
670	KPUA	Hilo, HI	980	KSVX	Richfield, UT	1240	KADS	Hobart, OK
680	KNBR	San Francisco, CA	980	KJOC	Yakima, WA	1240	KBEL	Idabel, OK
680	WCNN	Atlanta, GA	990	KSVP	Artesia, NM	1240	KBEL	Idabel, OK
690	WJOX	Birmingham, AL	1000	WMVP	Chicago, IL	1240	KTXI	Pendleton, OR
690	KVNA	Flagstaff, AZ	1010	WCSI	Columbus, IN	1240	WIOV	Ephrata, PA
690	KRGS	Rifle, CO	1010	WSPT	Stevens Point, WI	1240	WIOV	Reading, PA
690	KFXN	Minneapolis, MN	1020	KCKN	Roswell, NM	1240	WBAX	Scranton, PA
690	KHEY	El Paso, TX	1020	KWIQ	Moses Lake, WA	1240	WEMB	Erwin, TN
690	XETRA	Tijuana, BC	1050	WTKZ	Ann Arbor, MI	1240	WIMZ	Knoxville, TN
710	WDSM	Superior, WI	1050	WEVD	New York, NY	1240	KFRO	Longview, TX
730	WUMP	Madison, AL	1050	KSIS	Sedalia, MO	1240	KSOX	Raymondville, TX
730	KLOE	Goodland, KS	1050	KNML	Albuquerque, NM	1240	WGMN	Roanoke, VA
730	WVFN	Lansing, MI	1070	WKOK	Sunbury, PA	1240	WTON	Staunton, VA
740	WMSP	Montgomery, AL	1070	WTSO	Madison, WI	1240	WDNE	Elkins, WV
740	KCMC	Texarkana, TX	1080	KYMO	East Prairie, MO	1240	WOBT	Rhineland, WI
760	KTLK	Denver, CO	1090	WBAL	Baltimore, MD	1240	KFBC	Cheyenne, WY
760	KTKR	San Antonio, TX	1130	WDFN	Detroit, MI	1250	WDAE	Tampa, FL
790	KNST	Tucson, AZ	1130	KFAN	Minneapolis, MN	1250	KKGM	Kansas City, MO
790	WQXI	Atlanta, GA	1130	WFXH	Hilton Head, SC	1250	WKBR	Manchester, NH
790	WSFN	Brunswick, GA	1140	KHTK	Sacramento, CA	1250	WEAE	Pittsburgh, PA
790	WSKO	Providence, RI	1140	KNEI	Waukon, IA	1260	WNDE	Indianapolis, IN
790	KJRB	Spokane, WA	1150	KXTA	Los Angeles, CA	1260	WGVN	Greenville, MS
800	KVOM	Morrilton, AR	1150	WNDB	Daytona Beach, FL	1260	KKSA	San Angelo, TX
810	WJJQ	Tomahawk, WI	1150	KSAL	Salina, KS	1260	WXCE	Amery, WI
820	WWLZ	Westhead, NY	1150	KQQQ	Pullman, WA	1270	KDJI	Holbrook, AZ
850	WDJA	West Palm Beach, FL	1150	WAYY	Eau Claire, WI	1270	KXPS	Palm Springs, CA
850	WRBZ	Raleigh, NC	1160	WSKW	Skowhegan, ME	1270	WNLS	Tallahassee, FL
860	KMVP	Phoenix, AZ	1160	WBOB	Cincinnati, OH	1270	WYXC	Cartersville, GA
870	WWL	New Orleans, LA	1170	KJOC	Davenport, IA	1270	WCBC	Cumberland, MD
870	KFLD	Pasco, WA	1170	KPUG	Bellingham, WA	1270	WMKT	Petoskey, MI
880	KJJR	Whitefish, MT	1190	WGL	Fort Wayne, IN	1270	KWEB	Rochester, MN
880	KTMT	Medford, OR	1200	WSML	Graham, NC	1280	WHTK	Rochester, NY
900	WMOP	Ocala, FL	1210	WSKR	Baton Rouge, LA	1280	WSAT	Salisbury, NC
900	KKRT	Wenatchee, WA	1220	KGIR	Cape Girardeau, MO	1280	KVOX	Fargo, ND
910	WFDF	Flint, MI	1220	KDDR	Oakes, ND	1280	WKST	New Castle, PA
910	WGBI	Scranton, PA	1220	WKNR	Cleveland, OH	1290	KGVO	Missoula, MT
910	KJQJ	Brookings, SD	1230	WTBC	Tuscaloosa, AL	1290	WHKY	Hickory, NC
			1230	KATO	Safford, AZ	1290	WVOW	Logan, WV

1290	KOWB	Laramie, WY	1400	WBAT	Marion, IN	1490	WMGW	Meadville, PA
1300	KKSC	Brawley, CA	1400	KAYS	Hays, KS	1490	WSWW	Charleston, WV
1300	WLXG	Lexington, KY	1400	WCCY	Houghton, MI	1490	KXLQ	Indianola, IA
1300	WTMM	Albany, NY	1400	KGMV	Springfield, MO	1490	WTUP	Tupelo, MS
1300	WWCH	Clarion, PA	1400	KLIN	Lincoln, NE	1490	WGYM	Linwood, NJ
1300	WILP	West Hazleton, PA	1400	WLTN	Littleton, NH	1490	KRUI	Ruidoso Downs, NM
1300	KVET	Austin, TX	1400	WSIC	Statesville, NC	1490	KOVC	Valley City, ND
1310	KFKA	Greeley, CO	1400	WMAN	Mansfield, OH	1490	KYZS	Tyler, TX
1310	WTZN	Troy, PA	1400	KEBE	Jacksonville, TX	1490	WSWW	Charleston, WV
1310	KTCK	Dallas, TX	1400	KTEM	Temple, TX	1490	WIGM	Medford, WI
1310	WGH	Norfolk, VA	1400	WDUZ	Green Bay, WI	1490	WOSH	Oshkosh, WI
1320	WAMR	Venice, FL	1400	WRJN	Racine, WI	1510	WAUK	Waukesha, WI
1320	KOLT	Scottsbluff, NE	1400	KKTL	Casper, WY	1520	WKBZ	Muskegon, MI
1320	WTKZ	Allentown, PA	1410	WPOP	Hartford, CT	1540	WBTC	Uhrichville, OH
1320	WVGM	Lynchburg, VA	1410	WLIQ	Rome, GA	1540	WGBG	Galveston, TX
1330	WSPQ	Springville, NY	1410	KQAM	Wichita, KS	1550	KICS	Hastings, NE
1330	WFIN	Findley, OH	1410	KDBS	Alexandria, LA	1550	WAUX	Lake Geneva, WI
1330	WFLP	Erie, PA	1410	WHAG	Halfway, MD	1570	WGLL	Fort Wayne, IN
1340	KATA	Arcata, CA	1410	WING	Dayton, OH	1570	WANR	Warren, OH
1340	KXCT	Santa Barbara, CA	1420	WAOE	St. Augustine, FL	1570	KVTK	Vermillion, SD
1340	WBBQ	Honolulu, HI	1420	KCCN	Honolulu, HI	1570	WKBH	Holmen, WI
1340	KQIL	Grand Junction, CO	1420	KPEL	Lafayette, LA	1580	KDFD	Van Buren, AR
1340	KTIK	Nampa, ID	1420	WNRS	Herkimer, NY	1580	KTGR	Columbia, MO
1340	WJPF	Carbondale, IL	1430	KFIG	Fresno, CA	1580	WAMW	Washington, IN
1340	WBGV	Bowling Green, KY	1430	KFIG	Fresno, CA	1580	KTGR	Columbia, MO
1340	KRMD	Shreveport, LA	1430	KASI	Ames, IA	1580	KRZI	Waco, TX
1340	WBBL	Grand Rapids, MI	1430	WENE	Endicott, NY	1590	WVNA	Tuscumbia, AL
1340	KGFW	Kearney, NE	1430	WVAM	Altoona, PA	1590	KROY	Victorville, CA
1340	KTSN	Elko, NV	1430	KCLK	Clarkston, WA	1590	WPSL	Port St. Lucie, FL
1340	KCQL	Farmington, NM	1440	KUHL	Santa Maria, CA	1590	KCNN	Grand Forks, ND
1340	WALL	Middletown, NY	1440	WGEN	Quincy, IL	1590	WPSN	Honesdale, PA
1340	KLOO	Corvallis, OR	1440	KMAJ	Topeka, KS	1590	WMIM	Monticello, PA
1340	KWVR	Enterprise, OR	1440	KMLB	Monroe, LA	1590	WATX	Algood, TN
1340	WMIM	Mt. Carmel, PA	1440	WWTM	Worcester, MA	1600	KCRG	Cedar Rapids, IA
1340	KKAM	Lubbock, TX	1440	WNPV	Lansdale, PA	1600	KDAK	Carrington, ND
1340	KAMG	Victoria, TX	1440	KPUR	Amarillo, TX	1600	WBLV	Springfield, OH
1340	KLKI	Anacortes, WA	1440	WKLV	Blackstone, VA	1600	WPDC	Elizabethtown, PA
1340	WPEM	Martinsburg, WV	1440	WAJR	Morgantown, WV	1600	WRPN	Ripon, WI
1350	WGAD	Gadsden, AL	1450	KMCA	Shasta, CA	1620	KBLI	Blackfoot, ID
1350	WTAZ	Peoria, IL	1450	WFMB	Springfield, IL	1620	KAZP	Omaha, NE
1350	WIOU	Kokomo, IN	1450	WDXR	Paducah, KY	1660	KRZX	Waco, TX
1350	KMAN	Manhattan, KS	1450	WIBM	Jackson, MI	1680	WTTM	Princeton, NJ
1350	WSMB	New Orleans, LA	1450	KBUN	Bemidji, MN	1700	KTBK	Denison, TX
1350	WTOU	Akron, OH	1450	WNAT	Natchez, MS			
1350	WOYK	York, PA	1450	WMBH	Joplin, MO	92.7	KASR-FM	Conway, AR
1350	WPDR	Portage, WI	1450	KGRZ	Missoula, MT	94.1	WBDQ-FM	Cross Hill, SC
1360	WELR	Roanoke, AL	1450	KGFF	Shawnee, OK	94.5	WSPX-FM	Orangeburg, SC
1360	WMNS	Oleons, NY	1450	KHIT	Reno, NV	95.3	WLKR-FM	Norwalk, OH
1360	WCKY	Cincinnati, OH	1450	WKXL	Concord, NH	95.5	WSPX-FM	Bowman, SC
1360	WHBG	Harrisonburg, VA	1450	WCIE	Spring Lake, NC	96.1	WMTR-FM	Archibald, OH
1370	WLOP	Jesup, GA	1450	WLEC	Sandusky, OH	96.1	WDEV-FM	Waterbury, VT
1370	WGCL	Bloomington, IN	1450	WQNT	Charleston, SC	96.5	WBFM-FM	Parkers Crossroads, TN
1370	KCRC	Enid, OK	1450	WKZQ	Myrtle Beach, SC			
1370	KAST	Astoria, OR	1450	WSMG	Greenville, TN	96.7	KREB-FM	Fayetteville, AR
1370	WDEF	Chattanooga, TN	1450	KTSP	St. George, UT	97.5	WIGY-FM	Madison, ME
1370	KFRO	Longview, TX	1450	KBKW	Aberdeen, WA	98.1	WTKE-FM	Andalusia, FL
1370	WBTN	Bennington, VT	1450	KVOW	Riverton, WY	99.5	KREB-FM	Huntsville, AR
1370	WHEE	Martinsville, VA	1460	KKCS	Colorado Springs, CO	99.7	WKSJ-FM	Ft. Wayne, IN
1380	WONO	Ft. Wayne, IN				100.7	KFNS-FM	St. Louis, MO
1380	KRKO	Everett, WA	1460	WNV1	North Vernon, IN	100.9	WJAW-FM	Marietta, OH
1390	WHMA	Anniston, AL	1460	WBRN	Big Rapids, MI	101.9	WJOW-FM	Logan, WV
1390	KREB	Rogers, AR	1470	KWSL	Sioux City, IA	103.3	WAJR-FM	Salem, WV
1390	KCQL	Farmington, NM	1470	WLQR	Toledo, OH	104.9	KNTL-FM	Oklahoma City, OK
1390	WEOK	Poughkeepsie, NY	1480	KSDR	Watertown, SD			
1390	KRRZ	Minot, ND	1490	WXVQ	Deland, FL	104.9	WCCP-FM	Clemson, SC
1390	WMPO	Middleport, OH	1490	WDAN	Danville, IL	105.5	WNSP-FM	Bay Minnette, AL
1390	WRSC	State College, PA	1490	WKBV	Richmond, IN			
1400	WMXN	Ft. Payne, AL	1490	WDBQ	Dubuque, IA	105.5	WCHX-FM	Lewistown, PA
1400	WANI	Opelika, GA	1490	WGYM	Atlantic City, NJ	106.9	KJJC-FM	Osceola, IA
1400	WDWS	Champaign, IL	1490	WMOA	Marietta, OH	107.1	WRHM-FM	Rock Hill, SC

# Musings

## of the Members

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.

**Dave Schmidt** NRCMusings@aol.com  
P. O. Box 3111  
Scranton, PA 18505-0111

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

**John D. Bowker** - 1811 Ft. Duquesna Dr - Sun City Center, FL 33573 (wa2wen@juno.com)

During our swing through "Atlantic Canada" this summer, I struggled one afternoon to hear the beloved Red Sox (okay, but remember I grew up in Vermont). I could follow the game okay as we drove along in New Brunswick on our way to Prince Edward Island because WEEL puts in a noisy but useable signal that far north. But the last 9 miles or so of the trip to the Island is across the new Confederation Bridge. It takes you about 100 feet above the Atlantic Ocean over its whole length and there is no superstructure. As we got onto the bridge at the south end, WEEL came up so loud we had to reduce the volume .. its noise went away. Hey, said I to me, I wonder what other stations are coming in? I punched the left button on the radio that took me to 530 kHz, and found a station of good enough quality to actually listen to at all but 7 dial positions up to 1600 .. not including the two around the two PEI stations. There may have been stations there but they were swamped by the strength of Charlotte town and Summerside. This was about 4 o'clock in the afternoon, Atlantic Daylight Saving Time. The effect was enormous! Same thing noted coming south when we left (after celebrating our 47th anniversary there) except we were in a thunderstorm so the thrill was reduced. An hour later we drove by the Radio Canada International transmitting site in Sackville, a field full of towers and screen antennas and buildings! I just hope they can find a way to keep RCI up and running. Very impressive to look at, I can tell you. By the way, a big downside to Atlantic Time? The eleven o'clock news from New York or Montreal off their cable system comes on at Midnight. Jay Leno starts at 12:35 AM. And you're out the door before the Today Show comes on. Lovely terrain and people (I'll rave about the metric system another time) but we're happy to be home.

**Russ Edmunds, WB2BJH** - Blue Bell, PA. (wb2bjh@nrcdxas.org)

Once again, it's been a long time since I've visited this part of the bulletin! I suppose that something of a re-intro is in order, so here goes. I've just started my 39th consecutive year of club membership - and I think there's a message or two there, hi. I started DX'ing formally in 1962, but had DX'ed informally for a few years prior. I'm a prior editor of DDXD, DXChange, GYDXR and Answerman as well as Publishing Committee Coordinator 1973-77. I DX'ed in 1962-64 in Little Silver, NJ, on the northern NJ shore, 1964-68 in Syracuse NY, ( while attending Syracuse University ), in various North Jersey locations from 1969 thru 1982. I moved here in 1983, however was inactive on BCB from 1982-90, during which time I was most active in ham radio on 2 meters FM & SSB. I also DX FM, and occasionally TV. I am married for 24 years, and we have two sons, ages 23 and 20, the former living in LA, the latter a senior in college and still at home. Alas, I am unemployed after 21 years with CIGNA Insurance as a result of the sale of their Property & Casualty business to ACE, Ltd. I've been in that state since the end of last year, and continue seeking something new in either software implementation or business/IT consulting, or something old back in insurance. In the meantime, I've been doing a bit of independent consulting work. Owing to the combination of many local noise sources, many immediate local transmitters, and the curse of a basement DX shack, much of my DX on both AM & FM has been in the car, locally or during commuting, and I've continued to be amazed at just how much good DX one can hear (again on both bands) that way! Since the job search has been consuming a great deal of time, and since I've not been on the road much around sunrise and sunset, which is when most of my mobile DX'ing has been done, I've not been very active of late, and the coming season may be more of the same. I am still looking for my first TA at this location, after having heard them in large numbers and with great frequency in my Parsippany and Kinnelon NJ locations, but that will have to take place in the shack. And I also have yet to put up an outdoor antenna. The best I'll be able to do is about 100-120 feet, but fortunately, pointed for TA reception, although it won't be in time for this season. I continue to enjoy the 'conversations' and info on the various email listservs, where I am active. Finally, I want to express my thanks to everyone involved with my receiving an achievement award at the Lima convention. It was both a big surprise, and very much appreciated. 73's

**Larry A. Hall, Sr.** - 1751 Carol Street - Downers Grove, Illinois 60515 (curmudgeon@suntimesmail.com)

Although but a new member of the National Radio Club, I nonetheless have the temerity to pose the question which is the subject line of this e-mail — Is there a record number of station ID's given out

at one time on one station at the top of the hour? In fact, the station that causes me to pose this question is not one that I DX'ed. It's nearby station that I decided to air-check after reading one of Mr. Vobbe's articles. So, I suppose it is really a close X.(?) The station in question is WAUR in Sandwich, Illinois. The frequency is 930. I tuned it in on 20 October 2000, at 0058 hours Central Time. Syndicated talk show was on. The top of the hour ID came on, and the announcer could have competed against either of my daughters when they were at their prime as teenagers — nineteen call signs in about thirty-five seconds. Just curious. (Muse - to consider thoughtfully, or at length; ponder; meditate) Have received three issues of *DX News* so far and have read each in their entirety. Among others, your "Musings of the Members" is great and makes enjoyable reading. P.S. The word "I" used above must be annotated to include my life-long partner in crime, Nancy, my bride of 28 years who always keeps me company playing with the radio in the garage. (And thank you for the report, Larry; we trust you will be checking in often. Your 'network' of ID's is probably this satellite service network's way of getting around their buying costly equipment so the stations they have for a network won't have to buy the money for the equipment to do it locally. A network like that, sadly, can really give the station the option of having no-one there at all-DWS)

### Team Effort ...

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

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