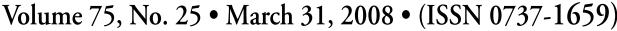
• Serving DX'ers since 1933





### Inside ...

2 ... AM Switch

4 ...DDXD

8 ...IDXD

9 ...CBI

10 ...NRC Contest

12 ... Broadcast Test Report

14 ...DX'er's Notebook

15 ...Formats

16 ... Pro Sports Networks

18 ... Ultra-Light Contest

19 ... Indianapolis Formats Change

22 ... Musings of the Members

23 ... Pittsburgh: NRC '08



### Station Test Calendar

??? (see "Broadcast Test **WHBC** 1480 Report", p. 12, for more)

From the Publisher ... Chuck Reh's renewal sent a couple of weeks ago is for his 47th year as an NRC member. Wow!

I had time to fool with my glitchy scanner while I was lolling around during spring break, and the result is the scan on this page of a photo that Robert Pote submitted of his 1955 Zenith TransOceanic Model R-600 some time ago. Unfortunately, I can't scan in color; the software, even though I reinstalled and updated it, crashes 23 out of 24 times (yes, I counted) when I try. I guess for a ten-dollar yard-sale acquisition, I can't be too picky, huh?

Welcome to these New Members ... Andrew Herrschaft, Portland, ME (rejoins); Peggy Leifert, Woodridge, IL (rejoins); Christian Breton, Quebec City, Quebec; Larry Hamre, Eau Claire, WI; Gregory Renner, White Bear Lake, MN; Denis Picard, Trois-Rivieres, Quebec City, Quebec; Dave White, Hermitage, TN (rejoins); Kraig Krist, Manassas, VA (rejoins); Albert J. Marianai, MD, Honolulu, HI (rejoins); Zygmunt Skrobanski, Roswell, GA (rejoins); Steve Geary, Sidney, OH; Lane R. De-Nune, Columbus, OH; Dennis Buss, Princeton, NJ; John Kraemer, Eagan, MN; Timothy Phillips, Douglas, GA.

*Unfilled positions* ... We're still in need of volunteers for the following positions, as described in detail in V73, #27, the June '06 DXN: one or more persons to edit future NRC publications; a "DX Targets" editor; several editors to take over languished columns; finally, a DXN publisher, by June 2008, starting with the July 2008 DXN. Please?.

### DXN Publishing Schedule, Volume 75

26. Apr. 4 Apr. 14 July 21 29. July 11 27. May 2 May 12 30. Aug. 8 Aug. 18

28. June 6 June 16

### DX Time Machine From the pages of DX News

50 years ago ... from the March 22, 1958 DXN: In a letter to CPC chairman Len Kruse, Dubuque, IA, the GM of KVOE-1400 stated that they were delighted with the response to their DX broadcast for our club on 2/17, having received 34 reports from Tennessee to California, plus 10 correct reports from DX'ers in New Zealand ... From the March 29 DXN: The DX broadcast for our club from WIVI-1040, St. Croix, VI, on 3/16 was reported as heard by many NRC'ers from New England to California ... from the April 5 DXN: DX'ers on Long Island, NY reported hearing an unlisted station on 1160 kc/s identifying as WNYR, "The Liveliest Sound in Town". Anthony Lagatutta, New York, NY wondered if this might be a carrier current station.

25 years ago ... from the April 18, 1983 DXN: Tom Farmerie, Grafton, MA, reported that the 50th Anniversary Book would be ready for the 50th anniversary convention; staff members included Mark Connelly, Bob Curtis, Russ Edmunds, Kermit Geary, Chris Hansen, Carleton Lord, Paul Mount, Andy Rugg, Jerry Starr, and Dick Truax, plus Farmerie.

10 years ago ... from the April 6, 1998 DXN: Steven Druzak reported that the CBC was advertising the departure of CBM-940 and CBF-690 for FM

frequencies.

### Antenna Reference Manual, Volume 3 A compilation of 17 articles on antennas, phasing impedance



matching, and RF amplification for medium wave DX'ers, some of the articles were published in *DX News* between 1999 and 2004. 8 1/2" X 11" bound book format. NRC member price: \$11.95; non-member price \$16.95; overseas customers, please contact us for exact price. Order from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)



Bill Hale w\_r\_hale@sbcglobal.net
6124 Roaring Springs Drive
North Richland Hills, TX 76180-5552



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

	8							
CALL LETTER CHANGES								
_	Old Call	_		<u>New Call</u>				
540	KNOE		Monroe	KMLB				
790	WSKO		Providence	WPRV				
880	WNSG		Nashville	WMDB				
900	WJJB		Brunswick	WWBK	760am			
960	WZRH		Dallas	WCRU	[CD:- ( III 000 /710]			
1230	NEW		Presidio	KHUA	[CP is for U1 800/710]			
1240	WYNY		Cross City	WMJQ WYNY	[but virgit ]			
1330 1330	WMJQ WYNY		Ontario Ontario		[but wait]			
1390	WLUA		Belton	WQCD Wrop				
1400	NEW		Eureka	KIHH	[CP is for U1 790/790]			
1400	NEW		Langtry	KHTW	[CP is for U1 1000/1000]			
1430	WIL		St. Louis	KZQZ	[we've lost another 3-letter call!]			
1450 1450	NEW		Eads	KEHT	[CP is for U1 250/250]			
1450 1450	NEW		Comstock	KOAH	[CP is for U1 1000/1000]			
1470	NEW		Marathon	KHRX	[CP is for U2 10000/250]			
1490	NEW		Del Norte	KHRJ	[CP is for U1 1000/1000]			
1490	NEW		Richfield	KYHR	[CP is for U1 1000/1000]			
1170	11211	O I	Richileta	KIIIK				
			C	Ps ON THE	AIR			
980	WTIX	NC			o from the former site of WPIP-880 at N36-06-			
			40/80-14-36.					
			<b>GRANTS</b>	S FOR NEW	<u>STATIONS</u>			
880	NEW	FL	Sweetwater - CP	granted for	U4 4000/5000.			
1260	NEW	AZ	Many Farms - CF	<b>P</b> granted for	· U4 1000/250.			
1340	NEW		Silver City - U1					
1450	NEW	WV	Dunbar - CP for	U1 1000/100	00.			
				A CELONIC				
010	MICDA	DA	ACTIONS  York - Coordinate correction to N39-59-57 W76-44-43 [As everyone knows					
910	WSBA	PA	<b>York -</b> Coordinate correction to N39-59-57 W76-44-43. [As everyone knows, I messed up last issue and repeated the calls where the city should be. I					
			-		•			
			thought it was the April Fool's Issue, hi] By the way, <b>Jerry Starr</b> (remember him?) sends word that <b>WSBA</b> is operating under an <b>STA</b> with <b>U1</b> 1000/250					
			him?) sends word that <b>WSBA</b> is operating under an <b>STA</b> with <b>U1</b> 1000/250 while they are rebuilding their facility.					
1260	KBSZ	۸7	•	0				
1260 1430	KBSZ KLO		Apache Junction - CP granted for U1 320/50. [Ex: 1250 at Wickenburg]					
1430 1440	WDOW		Ogden - CP granted for U4 25000/5000.					
1 <del>44</del> 0 1580	WPGY		Dowagiac - CP granted for U1 2300/89.					
1300	WIGI	GA	Ellijay - CP granted for D1 500/0. [Ex: 1560]					
			A	APPLICATIO	ONS			
670	KIRN	CA						
1050	WFED		Simi Valley - Applies for U4 35000/35000. Silver Spring - Applies for U1 10000/44.					
1230	KXO		El Centro - Applies for U1 830/1000.					
1240	KSON		San Diego - Applies for U1 545/545.					
1240	KGY		Olympia - Cordinate correction to N47-03-28/W122-54-03.					
1270	CFGT				FM on 97.7 MHz (channel 249B) with an aver-			
		~			onal at 77.6 metres. As usual, the applicant is			
			requesting permission to simulcast the programming of the new FM station					
			on CFGT-AM for a period of three months from the date of implementation					
			of the new station		r			
1300	WQBN	FL			in STA of U5 4000/160. Station is operating at			
-	~		1	T.T.				

this reduced power already to keep the monitor points in tolerance. It seems the transmitter site has been vandalized, losing a quantity of copper from the ground system.

1300 WGDJ NY Rensselaer - Applies for U4 10000/8000.

### **AMENDMENTS TO APPLICATIONS**

**NEW** MN Chanhassen - The latest in a truckload of applications and amendments requests U2 1300/1000.

**NEW** CO Craig - The latest in a boatload of applications and amendments requests U1 250/250.

### **APPLICATIONS FOR RECONSIDERATION**

1270 NEW TX Bay City - Application for U2 1000/1000.
 1340 NEW NH Kearsarge - Application for U1 1000/1000.

### **APPLICATIONS DISMISSED**

**540 WLIE NY Islip** - CP for U5 4300/175. They remain U4 2500/220.

**810 WMGC TN Murfreesboro** - Application to move to Nolensville, Tennessee.

**1030 KWFA TX Tye -** Application for new station due to excessive time taken to build station.

### LICENSE CANCELLATIONS/CALL LETTERS DELETED

1440 KMLB LA Monroe

#### **HEAR AND THAR**

□ News Item: A significant portion of Los Angeles' KFI-640 new radio tower fell as it was being installed on the afternoon of March 18. One construction worker suffered injuries that, at press time, were believed to be minor. KFI began construction on the new tower on March 15 and said that it is in close contact with tower company to determine what happened.

☐ Returning to the airwaves: **KAXX-1020 Eagle River, Alaska** with AC music; **KXLQ-1490 Indianola, Iowa** with SS;

☐ However, reportedly OFF: WRFV-910 Wellborn, Florida; WSEV-930 Sevierville, Tennessee; KBPO-1150 Port Neches, Texas; WIPS-1250 Ticonderoga, New York; WBVA-1450 Bayside and WVAB-1550 Virginia Beach, Virginia (which share a tower which was vandalized);

☐ Thanks to Shawn Axelrod, Wayne Heinen, Deane McIntyre, Håkan Sundman, and Ernie Wesolowski.

Not sure about renewing?

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

### The NRC AM Station Antenna Pattern Book

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

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

United States plus those stations elsewhere which are easily heard in the U.S. and Canada are also

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

### Domestic DX Digest

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

and Central time

zones)

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



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

### DDXD-West

(No column this issue, folks - just before press deadline Bill Dvorak called me to let me know that his computer apparently fell victim to a nasty virus and was in the shop for repairs. Look for DDXD-West submissions in 75-26 -pls.)

### DDXD-East

#### **REPORTERS**

Saul Chernos, Toronto - Sony SRF39FP ("for prisons") ultralight SC-TO

Saul Chernos, Burnt River, ON - Sangean ATS 909 and various longwires and radio Shack SC-BR

loop, plus Sony SRF59 and SRF39FP ultralights

**Bruce Conti, Nashua -** SDR IQ, WR-CMC-30, MWDX-5, 50 x 75-ft SuperLoop antennas BC-NH

east with remote variable termination and south  $1150-\Omega$  terminated.

HF-MI Harold Frodge, Midland – Drake R8B + 215' center-fed RW, 85' end-fed RW, 125' bow-

EH-MA Eric Hopkins, Ayer – Sony SRF-M35FP

DJ-PA **David Janksy, Sunbury** – CCRadio, Radio Shack loop

Kraig Krist, Manassas - NRD-545, homemade 134 foot multiband KK-VA

antenna running NW to SE.

DL-MD David Larrabee, Columbia - SDR-14 on a pair of DX Engineering Verticals through a

Quantum Phaser. All recovery post-facto from I/Q file

Ira Elbert New, III, Watkinsville - Sangean ATS 909 and Select-a-tenna **IEN-GA** 

DP-HI Dale Park, Honolulu – station news

LW-NY **Leslie Wood, East Meadow – Sony 2010, RS loop** 

Mike Brooker, Toronto – Grundigs G5 & YB-400PE, Panasonic RF-2200 MKB-ON

#### STATION NEWS

**WMEN** FL Royal Palm Beach – Per Miami Herald and Premiere Radio Networks news 640 release, stn dropped its "Man Talk" format 3/03 and went Fox Sports Radio

24/7. Station also carries Florida Atlantic U. football and hoops. (**DP-HI**)

CODY-FM 101.1

790

**WPRV** 

RI Providence – Per Providence Journal, financially troubled owner Citadel dropped the sports format of WSKO AM-FM 3/10. While the FM is now known as WEAN-FM (WEAN was WSKO's old callsign) and relays WPRO-630 ("Newstalk R. 6-30 and 99-Point-7"), WSKO-AM has been renamed WPRV, picking up "Scott Shannon's True Oldies" format and rebranded as "True Oldies 7-90." The format change was blamed on declining ratings, loss of most local play-by-play and competition from WEEI-FM. (DP-HI)

PA Philadelphia – Per Philadelphia Inquirer, station added The Content Factory's 950 **WPEN** Dan Patrick 3/03, live at 0906-1200, and will add Patrick's old employer ESPN

Radio 4/01, becoming "9-50 ESPN." (**DP-HI**)

**WECK** NY Cheektowaga – Per Buffalo News and Premiere Radio, station dropped C&W 1320 3/03 and became a "Fun Radio" stn, featuring local talk in the morning; the trio of Bill O'Reilly, Dennis Miller and Neil Boortz in the P.M.; and Jim Bo-

hannon and FSR overnights. (DP-HI)

### DX TEST

1060 **WBIX** MA Natick - 2/24 0005 - In with DX test. Test announcement: "This is a special test for WBIX listeners. A test in association with the IRCA & NRC DX clubs. Memphis, TN address mentioned for QSLs. New (LW-NY)

### UNID

1030	unID		3/17 0200 and 0600 - Contemporary vocals, artists unfamiliar to me, at a good and consistent signal strength under WBZ, no breaks for ID or announcements through the top of the hour. Saul Chernos also reported this as unID on the NRC dxtip list. (BC-NH)					
			LOGGINGS					
<b>540</b>	<b>KWMT</b>	IA	Fort Dodge – 2/9 1842 – IA State Cyclones basketball ends. (SC-BR)					
<b>790</b>	KFGO		<b>Fargo</b> – 2/11 1847 – Calls, later mention of Moorhead (across state line in					
			MN). (SC-BR)					
840	KTIC	NE	<b>West Point</b> – 2/9 1836 – "here on KTIC" ID noted. <b>(SC-BR)</b>					
880	KGHT	AR	<b>Sheridan</b> - 3/13 2312 - Southern Gospel. Good signal in WCBS null. ID as "AM 880, KGHT". ( <b>IEN-GA</b> )					
900	KTIS	MN	Minneapolis – 2/11 1843 – Preacher ends, "Everyday for everyday Faith 900 KTIS" ID, in between Christian preachers. (SC-BR)					
	<b>CHML</b>	ON	<b>Hamilton</b> - 3/11 0459 - Good over <i>R. Progreso</i> Cuba with local WGHM Nashua					
			nulled out; "AM 900 CHML weather and traffic on the nines" (BC-NH)					
920	CJCH	NS	Halifax – 2/10 2200 – "The greatest oldies of all time, 920 CJCH." Due to					
			move to FM along with 780 CFDR once they sell a separate, jointly-owned FM station. (SC-BR)					
		+++	- 2/14 0500 - In with "920 CJCH" identification. Oldies music & news on the					
			hour. (LW-NY)					
930	WDLX	NC	<b>Washington</b> – 2/21 1900 – "Pirate Radio 930" ID and talk about Hurricanes					
			hockey. Rarely heard, this time on prison ultralight radio. (SC-BR)					
	WLBL		<b>Auburndale</b> – 2/11 1815 – wpr.org (WI Public Radio) in WBEN null. <b>(SC-BR)</b>					
950	KOEL		Oelwein – 2/11 1835 – ID slogan "All-time favourites, KOEL." (SC-BR)					
	WIBX	NY	Utica - 3/12 2056 - "News Talk, nine fifty, WIBX" faded up out of the co-chan-					
			nel, gone by the top of the hour. Reloj's 'RR', was a regular all evening. No					
			IBOC hash noted on either sideband. (DL-MD)					
		+++	- 3/9 2200 - Good; "News first, news fast, Newsradio 950 WIBX Utica, Rome, and wibx950.com, where your news never stops," and CBS news. (BC-NH)					
	WPEN	РΔ	Philadelphia - 3/18 0000 - Fair, over R. Reloj Cuba; FM promo, "it's the					
	VVI LIV	111	new address for new jams" and singing "WJJZ 97-5." Then <i>Sportsradio</i> 950					
			promos. Very confusing as I thought WJJZ was a new log at first. (BC-NH)					
960	<b>KMA</b>	IA	Shenandoah – 2/11 1935 – Bank Iowa, live basketball. Ad for TS Bank with					
			locations including Treynor. (SC-BR)					
	WHYL	PA	Carlisle - 3/12 1056 - Several ID's mixed in with local advertising and NOS					
			format. Used phaser to null a co-channel sports format station and USB to					
	*****		avoid splatter from 950. (DL-MD)					
970	WFLA	FL	Tampa – 2/18-0227 - Sports scores update. "FOX sports 970 ESPN" ID's.					
	MCLIN	NIV/	(LW-NY) Norwish 2/11 0500 Fair restalais "AM 070 MCUN Norwish" and ABC					
	WCHN	IN I	Norwich - 3/11 0500 - Fair; nostalgia, "AM 970 WCHN Norwich," and ABC news. (BC-NH)					
	WFUN	OH	<b>Ashtabula</b> - 3/18 0000 - Fair; "Indians and Buckeyes, plus local high school					
			action. ESPN 970 WFUN Ashtabula," and ESPN Radio Sports Center. New					
			log. (BC-NH)					
980	WHAW	WV	Weston – 2/21 1712 – Bluegrass, Lewis County (local county) ad, Brooks Body					
			Shop (checks to Weston) in CKRU-ON null (my worst semi-local). (SC-BR)					
		+++	- 3/9 0720 – noted with calls, two references to Weston in a sponsorship an-					
			nouncement, and bluegrass. Station recently upped its daytime power and					
	WCAP	MA	seems to be fairly regular. <b>(SC-TO) Lowell</b> – 3/7 2347 - ID by male. Recent change in station ownership with					
	WCAF	IVIA	announcer thanking listeners. No commercials. At 2355, played "Come Go					
			with Me" by the Del Vikings. Signal strongest of the jumble. <b>(DJ-PA)</b>					
	WTEM	DC	<b>Washington</b> - 3/18 0000 - The only ID to surface on the hour among a number					
		_ ~	of stations; "we're WTEM Washington." (BC-NH)					
1000	WLNL	NY	<b>Horseheads</b> - 2/22 0715 - REL music on the "Morning Glory" program with					
			Heather on the FRN network, "AM 1000 WLNL." (LW-NY)					
	WIOO	PA	<b>Carlisle</b> - 3/18 0600 - Under WMVP and <i>R. Granma</i> Cuba; dual station ID for					
			WICO and WEED into ARC name (RC NH)					

WIOO and WEEO into ABC news. (BC-NH)

6			
1010	CFRB	ON	<b>Toronto</b> – 3/11 1856 – "10-10 CFRB", CFRB news with Laurie Harris; Skywatch traffic; talk show. Mixing with WINS till 1900, then well on top; nostalgia station occasionally detectable. Moderate IBOC hiss on both sides. Hoping
	WINS	NY	to catch higher power Jacksonville Beach, FL. ( <b>HF-MI</b> ) <b>New York</b> – 3/11 1856 – slogan "10-10 Wins"; Rutgers spot. In and out with
1040	WYSL	NY	CFRB until disappearing at 1900. <b>(HF-MI) Avon</b> – 3/11 1858 – in like ton of bricks on day power with promo for Taste of Livingston County "the powe station. WVSI" iingle. <b>(MKR QN)</b>
	WHO	IA	of Livingston County, "the news stationWYSL" jingle. (MKB-ON)  Des Moines - 3/17 0600 - A rare visitor on top of the channel; promo/ID, " on Newsradio 1040 WHO," and Fox news. (BC-NH)
1050	CKSB	MB	Winnipeg – 2/11 1818 – French noted in CHUM null. (SC-BR)
1070	WKOK		Sunbury - 3/9 2000 - Under CBA; promo, "Newsradio 1070 WKOK presents Campaign 2008" and ID, "Newsradio 1070 WKOK Sunbury" into CBS news. (BC-NH)
1090	WAQE	WI	<b>Rice Lake</b> – 2/11 1817 – "Classic Country WAQE" and agriculture ads, country music. (SC-BR)
1110	WSFW	NY	<b>Seneca Falls</b> – 3/13 1907 – over WBT with promo for state historic parks in the Finger Lakes region, slogan "this is the Finger Lakes visitor's channel AM 1110" into local weather. Format appears to be a glorified TIS, like CJRN-710 in Niagara Falls, ON. <b>(MKB-ON)</b>
1140	CBI	NS	<b>Sydney</b> - 3/8 0500 - Good; "You're listening to CBC Radio One in Cape Breton. We broadcast on an assigned frequency of 1140 kilohertz at a power of 10,000 watts from our studio at 285 Alexandra Street in Sydney, and our transmission facility at Keltic Drive. In addition to 1140 AM, CBC Cape Breton programs are carried on a number of FM frequencies, including 90.1 FM Bay St. Lawrence, 107.1 FM in the Cheticamp region and the Acadian part of the Cabot Trail, and through the Margaree Valley at 93.9, and in the communities on the west side of the island such as Inverness, Mabou, and Brook Village you can hear us at 94.3 FM." No mention of 97.1 CBIT-FM Sydney. <b>(BC-NH)</b>
1190	WNWC	WI	Sun Prairie – 2/11 1807 – Haven Today //1200 KFNW which is co-owned, ends 1830 and power/pattern change without ID. Haven Ministries number given: 800-654-2836. (SC-BR)
1200	KFNW	ND	<b>Fargo</b> – 2/11 1806 – Haven Ministries preacher //1190, fade at 1830, "1200 KFNW" ID at 1832 and Fargo weather. <b>(SC-BR)</b>
1220	WJUN	PA	<b>Mexico</b> – 3/8 0640 – "ESPN Radio 1220" ID and sports programming heard during lengthy CHSC-ON open carrier. <b>(SC-TO)</b>
1230	WTIV	PA	<b>Titusville</b> – 2/10 1600 – Fox news, "Alleghany News Talk Sports Network" ID, weather. AM #1700 at Burnt River! <b>(SC-BR)</b>
1240	WTPS	VA	<b>Petersburg</b> - 3/9 0601 - Fair; "News/Talk 1240 WTPS Petersburg, News/Talk 1240 AM, Petersburg station" New log. <b>(BC-NH)</b>
1250	WALE	RI	<b>Providence</b> - 2/5-0107 - In with "1250 WALE" station ID. Then into music. <b>(LW-NY)</b>
1290	WJCV	NC	<b>Jacksonville</b> - 3/7 1755 - Faded up for a weather forecast just before the top of the hour. "WJCV AM twelve ninety" <b>(DL-MD)</b>
	WHIO		<b>Dayton</b> $-3/30715$ - many IDs in news, weather & sports reports. Signal fair with others and then faded. <b>(DJ-PA)</b>
1320	CKEC	NS	New Glasgow – 2/13 0438 – Calls in mess of stations dominated by WJAS-PA and WILS-MI, no sign of CJMR. Station should be off-air and fully moved to FM by the time you read this. (SC-BR)
	WGOC	TN	<b>Kingsport</b> – 2/13 0500 – "You're listening to Classic Country 1320" with CJMR back on. <b>(SC-BR)</b>
1350	WZGM	NC	<b>Black Mountain</b> $-2/23$ 1758 $-$ Calls twice and oldies in mess of stations. <b>(SC-BR)</b>
	WGPL	VA	<b>Portsmouth</b> - 2/15 1815 - In with REL program. Gospel music & "AM 1350 WGPL" identification. Fair, under & over WOYK. (LW-NY)
1370	WGCL		<b>Bloomington</b> - 3/12 2300 - TOH ID, News and Weather, and ESPN Radio. Decent signal on top of the mix. "Monroe County's Sports Leader, WGCL, Bloomington". (IEN-GA)
1410	WLSH	PA	<b>Lansford</b> - 3/9 1703 - "You are listening to a Good Gold Rock and Roll weekend on AM fourteen ten, WLSH, Lansford, Hazelton, the Station you grew up with the music you like best" Frequent identification with all locally

originated breaks and advertising, a very refreshing format. Although ID noted above says the format is rock and roll it sounded more like NOS to me. Audio recovered from LSB to avoid IBOC hash from 1400's USB. (DL-MD) VA Warrenton - 3/6 1604 - ID & location easily understood in broken EE/SS.

Everything else in SS. Signal booms in here at times after increase of daytime power to 22K watts. WCOJ in Coatsville, PA can't be pleased with that! (DJ-PA) NY Niagara Falls - 3/7 0500 - Good; "Radio 1440 WJJL Niagara Falls, Buffalo," WJJL 1440 and oldies. (BC-NH) **WNBY** MI Newberry – 2/9 1520 – "You're listening to Red Wings hockey exclusively 1450 on 1450 WNBY." Detroit versus Toronto. Local ads. (SC-BR) **WCEV** IL Cicero – 2/9 1707 – Arabic, mentions of Wisconsin in apparent news. (SC-ME Lewiston - 2/14 0600 - In with "AM 1470 WLAM" identification. "Sports 1470 **WLAM** radio ESPN" ID's. (LW-NY) VA Broadway-Timberville - 2/14 0600 - "1470 WBTX Broadway-Timberville, **WBTX** VA" station identification. New (LW-NY) 1520 WTHE Mineola - 3/8 1759\* - ID by male, playing Gospel music and announcing sign-off, very good signal. (DJ-PA) **WTRI** MD Brunswick - 3/11 0000 - Daytimer noted on nighttime again, under WWKB; "Onda Grupera" ID and Mexican music. (BC-NH) Elizabeth - 3/7 1700 - ID in EE, rest of programming in SS. Commercial men-**WJDM** NI 1530 tions New Jersey but I have no idea what they were advertising. Not a good signal. (DJ-PA) **WMRE Charles Town** – 3/2 0740 – fair and clear with moderate fading, playing Steve 1550 Perry song "Foolish Heart", followed by male DJ announcing "1550 WMRE" station ID. (EH-MA) **WNST** MD Towson – 3/10 1903 – over Finger Lakes Radio (WFLR) with promo for WNST 1570 March Hoops Madness contest, offering \$5000 in cash prizes, on wnst.net.

**WKCW** 

1420

- (MKB-ON) OH Columbus – 2/10 0848 – "1580 WVKO Columbus" and church announce-1580 **WVKO** ments, with very lengthy CKDO OC. (SC-BR)
- **IN South Bend** 3/3 0155 Mixing with Spanish talk station. Male announcer 1620 WWLV with "Welcome to the all new love songs..." (KK-VA)
- **GA** Augusta 3/20155 "The Monty Show". Male announcer with, "News, talk, 1630 **WRDW** sports, Sixteen thirty WRDW Augusta". Overall poor to barely heard, mixing with gospel music station. (KK-VA)
- WTNI **Biloxi -** 3/1 0155 - mixing with "Radio Disney" (WKSH Sussex, WI). WTNI 1640 ESPN Radio and "The Mike Tirico Show". Male announcer with, "You're listening to the Voice of the Mississippi Gulf Coast... radio sixteen forty WTNI". (KK-VA)
- **ON** Toronto 3/13 0158 ID by female in EE: "AM sixteen ninety Toronto" into **CHTO** 1690 Greek song. (KK-VA)
- IL Berwyn 3/13 0300 call-in talk show about Barack Obama. "...Puckett Show **WVON** Talk of Chicago sixteen ninety..." (KK-VA)
- FL Miami Springs 3/12 0259 male ID in EE: "This is WJCC seventeen hun-1700 **WJCC** dred AM" into SS program. (KK-VA)
  - AL Huntsville 3/12 0231 male with ID as "WEUP, 24 hours of Gospel power, **WEUP** creating...continuous praise... listen..." into Gospel song. (KK-VA)

NEW!!! IRCA Slogans List (Winter 2007) NEW!!!

This completely revised Slogans List, which includes radio slogans from the U. S., Canada and Mexico (over 4000), is now available from the IRCA Bookstore. Prices: NRC/IRCA members - \$6.00 (US/Canada/Mexico/sea mail), \$8.00 (rest of the Americas/ Europe airmail), \$8.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members - add \$1.00.

To order send the correct amount (in US funds payable to "Phil Bytheway" (which will be returned if not made out to Phil Bytheway) to: IRCA BOOKSTORE, 9705 MARY NW, SEATTLE WA 98117-2334 (email: phil\_tekno@yahoo.com)

yahoo.com).

# International DX Digest

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

### Foreign DX Catches. All times are UTC

#### Transatlantic DX

- 999 **SPAIN** *COPE* Madrid (40°28′N 3°52′W) MAR 10 0100 Good; "Cadena Cope, Servicios Informativos." [Conti-NH]
- 1098 **SPAIN** *RNE5* synchros MAR 10 0000 Fair; "Radio Nacional de España, Informativos" with synchro echo. [Conti-NH]
- 1134 **CROATIA** *Glas Hrvatske*, Zadar (44°06′N 15°15′E) MAR 9 0000 Good; signature slow time pips on the hour, "Hrvatske," and news. [Conti-NH]
- GERMANY VOR Wachenbrunn MAR 20 0300 Good in English with news. [Barstow-MA]
- 1332 **ROMANIA** *România Actualităti,* Galati (45°25′N 27°54′E) MAR 20 0345 Fair to good with music parallel a stronger 1152 kHz. Both new and a new country. [Barstow-MA]
- 1404 **FRANCE** *France Info* synchros MAR 20 0330 Good with music parallel 1206 kHz. [Barstow-MA]
- 1458 **ROMANIA** *România Actualităti,* Constanta MAR 20 0358 Fair to good with music parallel 1152 and 1332 kHz. On the hour believe I heard 6 time pips and into news. New log. [Barstow-MA]
- unID MAR 20 0530 Fair with French talk, music and faded out around 0540. Algeria or Monaco! Monaco listed in EMWG as on, 2008 WRTH lists them as inactive. [Barstow-MA] Or would the 1000 kW Roumoules, France site listed in 2008 WRTH (above the inactive 40 kW Monaco listing) be on the air at this time?
- 1494 **CORSICA** *France Bleu*, Bastia (42°47′N 9°24′E) MAR 20 0320 *Bleu* with music in good and stronger than parallel 864 kHz. [Barstow-MA]
- MOLDOVA VOR Grigoriopol (47°14′N 29°24′E) MAR 12 0358 Test tones, then sign-on announcement and music followed by a woman in slow English, "This is the Voice of Russia," and program for listeners in Afghanistan. [Conti-NH]
- 1557 **FRANCE** *France Info,* Fontbonne (43°46′N 7°25′E) MAR 12 0358 Good; nostalgic French vocal, on the hour fanfare and news. [Conti-NH]
- 1575 **ITALY** *Rai Radiouno* synchros MAR 8 0446 Under *SER* Spain; pre-0500 sign-on test tones. [Conti-NH] MAR 20 0458 Good; in with tones into news 0500, parallel 1062 kHz. [Barstow-MA]

### Pan-American DX

- CUBA *R.Rebelde*, Moa (20°40′N 74°56′W) FEB 23 1100 Rustic folk music parallel 600, 670, and 710 kHz. 560 has been rather strong lately, often better than 600 and 670, maybe an upgraded transmitter. [Conti-NH]
- VENEZUELA YVKS RCR Caracas (10°29′N 67°00′W) MAR 14 2125 Talk, mentioned US, Mexico, some religion. Several IDs, mentioned Caracas; atop WSB. New. [Paszkiewicz-WI]
- 850 **CUBA** *R.Reloj*, Nueva Gerona (21°53′N 82°48′W) MAR 11 0900 Under WEEI; minute marker and code. [Conti-NH]
- 880 **CUBA** CMAF R.Progreso, Pinar del Río (22°25′N 83°43′W) MAR 11 0900 Under WCBS; theme music, chime with time check into "A Primera Hora." [Conti-NH]
- 900 **CUBA** CMKP *R.Progreso*, Cacocum-San Germán (20°44′N 76°20′W) MAR 11 0900 Under CHML with local WGHM Nashua nulled out; theme music, chime with time check into "A Primera Hora." [Conti-NH]
- 960 **CUBA** *R.Reloj*, multiple locations MAR 18 0400 Good; time checks for locations worldwide with descending chimes between each announcement, "Once la noche en Caracas, Venezuela (chimes), doce la noche en Santo Domingo, Republica Dominicana (chimes)..." parallel 950 kHz. [Conti-NH]
- 990 **CUBA** *R.Guamá*, San Luís MAR 18 0400 Under WNTP; choral national anthem, *R.Guamá* ID by a woman. New log. In the past, never stopping to listen until this time noticing the anthem, I'd presumed that Spanish on this frequency was WALE *R.Amor* or paid programming on WLGZ *Legends* 102.7. [Conti-NH]

- 1000 **CUBA** *R.Granma*, Manzanillo MAR 18 1000 Under WMVP and WIOO; rooster wake-up calls. [Conti-NH]
- MEXICO XEOY *R.Mil*, Iztacalco, México DF (19°23′N 99°07′W) MAR 17 0535 Good with WMVP off, over an unID Latino signal; nostalgic Mexican ranchera vocals, "Viva" slogans and familiar "Vive México, Radio Mil" jingles. [Conti-NH]
- MEXICO XESDD Ensenada, BCN MAR 11 0457 Man in Spanish with salsa-like music; at 0502 ID "XESDD La Tremenda... Baja California, México," into oompah waltx music. Fair to poor; possible KTWO Wyoming underneath, 1040 KLHT interference. [Park-HI\*]
- 1140 **CUBA** *R.Rebelde*, unknown location MAR 17 1000 Under WRVA; music, ID, and sounder parallel 1180 kHz. [Conti-NH]
- MEXICO XEPE Tecate (32°32′N 116°49′W) FEB 24 0922 Promo ending with "on San Diego 17 Hundred," and back to "The Lionel Show." Poor. [Park-HI\*]

### Transpacific DX

unID MAR 2 1507 - Reggae and island music over/under unID talk, both with fast fading. Was the music from Noumea? Very poor to poor. [Park-HI]

#### **Contributors**

Roy Barstow, Teaticket MA; SDR IQ, Flag 50-ft long at 63°.

Bruce Conti, Nashua NH; SDR IQ, WR-CMC-30, MWDX-5, 15 x 23-m SuperLoop antennas east with remote variable termination and south  $1150-\Omega$  terminated.

Dale Park, Honolulu HI; Sangean ATS-818CS, Terk AM1000 loop, and DXing in East Honolulu HI\*; Honda car radio.

Sheryl Paszkiewicz, Manitowoc WI; Eton E1, Eavesdropper.

#### **International News**

**BELGIUM**: According to Radiovisie, the VRT has decided to stop broadcasting on 540, 1188, and 1512 kHz as per 30 March 2008. Only 927 kHz, broadcasting the first Flemish channel 'Radio 1' will be maintained. [Herman Boel, *emwg*] 927 has drifted low, measured at 926.987 kHz. [Tim Bucknall, *mwoffsets*]

**IRELAND**: After 82 years, *RTÉ Radio 1* closes down on Monday, 24 March. To mark the end of the medium wave service, on Easter Sunday Brendan Balfe presents "Medium Wave Goodbye," a nostalgic program highlighting some of his favorite moments on Irish radio. MW listeners should retune to RTÉ Radio 1 on FM. Why is the service closing? The audience for the MW service is very small; The vast majority of the RTÉ Radio 1 audience listens to the superior sound of FM; MW broadcasting is inefficient and out of date with poor quality reception and audio; MW is inconsistent with environmental best practise and represents poor value for the money. RTÉ Radio 1 is also available on long wave 252 kHz. [www.rte.ie/radio]

73 and Good DX!

### CBC Radio One switch to FM dial delayed

The Cape Breton Post, February 18, 2008, via Bruce Conti

SYDNEY — The CBC says it's highly unlikely CBC Radio One in Sydney will switch over to the FM dial this fiscal year or next.

The radio station hoped to make the move by sometime next fiscal year but radio regional director Susan Mitton said that isn't likely to happen.

"What they are going to do for the next year is prioritize areas of the country that have no service, so we aren't obviously there," she said. "It's our Maritime priority but there are other parts of the country that have no CBC Radio One service. They are ahead of us."

Mitton said the move to FM is still on the wish list for next fiscal year.

"We're lower on the list though so it's highly unlikely unless something happens, say a project in another part of the country doesn't happen, well, that would obviously free up those and we could get back on the priority list."

When the CBC received permission from the Canadian Radio-Television and Telecommunications Commission in July to switch over to the FM dial it was given two to three years to make the move, she noted.

The CBC has said the AM transmitter and antenna system off Keltic Drive will have to be replaced, along with other related broadcasting equipment, for the move from 1140 AM to 97.1 FM.

The switch to FM will improve the signal, and the sound, for Radio One listeners, and will extend the broadcast into some pockets that currently aren't able to receive the AM signal.

### NRC Contest

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

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

April 14 is the deadline for all contest entries. (Get your final contest entries in first, then do your taxes.) Winners will be announced in the May 12 edition of *DX News*. Here are all the 1000+ miles entries as of March 21. Keep this list handy, an outstanding target list of potential signals for all DX-ers. Thank you to all participants for your efforts!

**Doug Allen, Inman SC** (56 pts) 530 RVC Turks & Caicos 1134 mi. 540 CBK Regina SK 1629 540 XEWA San Luis Potosí 1446 540.1 YNOW Managua 1537 550 RJR Jamaica 1172 550 YVKE Caracas 1941 555 ZIZ St.Kitts 1708 560 R.Rebelde, Moa 1083 570 YVLX Villa de Cura 1958 585 RNE Madrid, Spain 4156 600 CMKV Urbano Norris 1061 621 RNE Canary Isl. 3889 631.28 YVKA Caracas 1942 670 YVLL Caracas 1942 700 HJCX Cali 2203 700 *RJR* Jamaica 1175 720 *RJR* Jamaica 1220 720 YVQE Porlamar 2007 730 XEX México DF 1502 750 HJDK Medellín 2028 750 YVKS Caracas 1941 770 HJJX Bogotá 2155 780 YVMN Coro 1808 800 PJB Neth. Antilles 1803 810 CMDW Guantánamo 1112 810 HJCY Bogotá 2152 820 CMDE Contramaestre 1078 830 XEITE México DF 1503 840 R. Revolución, Santiago de Cuba 1106 850 KOA Denver CO 1282 860 CBKF Saskatoon SK 1598 860 CMDB Baracoa 1115 880 KRVN Lexington NE 1017 895 *VON*, St. Kitts & Nevis 1723 900 CMKP Cacocum 1048 900 XEW México DF 1505 960 CMDJ Guantánamo 1112 990 CBW Winnipeg MB 1283 1030 KCTA Corpus Christi TX 1020 1030 XEQR México DF 1498 1050 CKSB Winnipeg MB 1269 1050 R. Victoria, Las Tunas 1021 1060 CMDX Baracoa 1115 1070 CBA Moncton NB 1184 1070 CMKS Guantánamo 1112 1090 XEFC Merida 1072

1100 HJAT Barranquilla 1726

1120 *R.Magic*, Haiti 1286 1140 *R.Bayamo*, Media Luna 1066 1150 *R.Bayamo*, Entronque Bueycito 1200 WOAI San Antonio TX 1012 1220 HJFF Barranquilla 1726 1220 XEB México DF 1501 1280 *R.Revolución*, Santiago de Cuba 1106 1570 XERF Cd. Acuña 1175 1620 WDHP Frederiksted VI 1597 **Walt Breville, Wentzville MO** (2 pts)

pts)
1030 WBZ Boston MA 1078 mi.
1160 KSL Salt Lake City UT 1134

Russell Curry, Anchorage AK (29)

pts)
680 KNBR San Francisco CA 2021
mi.
720 KDWN Las Vegas NV 2306
730 CHMJ Vancouver BC 1335
780 KKOH Reno NV 1957
810 KGO San Francisco CA 2026
940 KKNE Waipahu HI 2766
980 CKNW New Westminster BC
1341
1000 KOMO Seattle WA 1440

1160 KSL Salt Lake City UT 2117

1190 KEX Portland OR 1548

1300 KKOL Seattle WA 1452 1310 KMKY Oakland CA 2003 1310 KLIX Twin Falls ID 1950 1320 CHQM Vancouver BC 1332 1350 KSRO Santa Rosa CA 1954 1360 KUIK Hillsboro OR 1535 1410 CFUN Vancouver BC 1334 1430 KYKN Keizer OR *1565* 1470 CJVB Vancouver BC 1331 1480 KBMS Vancouver WA 1534 1530 KFBK Sacramento CA 1962 1550 KYCY San Francisco CA 2021 1550 KRPI Ferndale WA 1362 1550 KKAD Vancouver WA 1537 1560 KNZR Bakersfield CA 2240 1580 KGAL Lebanon OR 1587

1600 KVRI Blaine WA 1352

1640 KDIA Vallejo CA 1986

1700 XEPE Tecate 2469

Russell Curry, Eugene OR (7 pts)
770 KKOB Albuquerque NM 1067
mi.
830 WCCO Minneapolis MN 1459
870 WWL New Orleans LA 2051
900 CKBI Today's Country, Prince
Albert SK 1004
940 CJGX GX-94, Yorkton SK 1081
1020 KCKN Roswell NM 1237

1200 WOAI San Antonio TX 1698 Wayne Heinen, Aurora CO (25 pts) 530 La Habana 1758 mi. 530 RVC Turks & Caicos 2323 570 CMDC R.Reloj, Santa Clara 1881 650 WSM Nashville TN 1013 690 CBU Vancouver BC 1118 690 XERG Monterrey 1000 700 WLW Cincinnati OH 1090 710 R.Rebelde, La Julia 1758 720 XEDE Saltillo 1005 740 CHWO Toronto ON 1315 747 JOIB Sapporo, Japan 5403 750 WSB Atlanta GA 1203 760 WJR Detroit MI 1138 770 XEACH Monterrey 1000 790 CMAQ R.Reloj, Pinar del Río 1715

840 WHAS Louisville KY 1044 870 WWL New Orleans LA 1070 890 XENZ Culiacán, Sin 1034 910 CMFA Agramonte, Cuba 2023 960 R.Reloj, Guantánamo 2209 1000 KOMO Seattle WA 1035 1130 CKWX Vancouver BC 1114 1260 CFRN Edmonton AB 1042 1260 XESA Culiacán, Sin 1034 1530 WCKY Cincinnati OH 1078

Nancy Johnson, Billings MT (15 pts)
530 La Habana 2167 mi.
530 RVC Turks & Caicos 2676
560 WIND Chicago IL 1098
700 WLW Cincinnati OH 1310

760 WJR Detroit MI 1285

780 WBBM Chicago IL 1057 810 KXOI Crane TX 1041 820 WBAP Ft. Worth TX 1093 870 WWL New Orleans LA 1486 890 WLS Chicago IL 1077 890 KVOZ Del Mar Hills TX 1355 1120 KMOX St. Louis MO 1066 1180 CMBA Villa María 2145 1200 WOAI San Antonio TX 1258 1700 XEPE Tecate BCN 1012

### **Taylor McNeil, Arlington MA** (3 pts)

530 RVC Turks & Caicos 1441 mi. 640 CMBC R.Progreso, Guanabacoa 1474

870 WWL New Orleans MA 1365

### **Dale Park, Honolulu HI** (14 pts)

580 KMJ Fresno CA 2532 mi.

612 4QR Brisbane 4702

620 KPOJ *Progressive Talk,* Portland OR 2592

630 4QN Townsville 4674

720 KDWN Las Vegas NV 2763

960 KKGN Oakland CA 2397

1090 KPTK *Progressive Talk,* Seattle WA 2664

1098 V7AB Marshall Islands 2292

1100 KFAX San Francisco CA 2402

1120 KPNW Eugene OR 2524

1150 KTLK Los Angeles CA 2571

1160 KSL Salt Lake City UT 2979

1170 KFAQ Tulsa OK 3832

1332 4BU Bundaberg, Australia 4617

### Sheryl Paszkiewicz, Manitowoc WI (24 pts)

540 XEWA San Luis Potosí 1692 mi.

555 ZIZ St. Kitts 2348

650 CKOM Saskatoon SK 1028

660 KTNN Window Rock AZ 1267

660 XEEY Aguascalientes 1739 670 CMQ *R.Rebelde*, Arroyo Arenas 1484

690 KTSM El Paso TX 1313

690 XEMA *La MA*, Fresnillo, Zac 1683

710 CMW R.Rebelde, La Julia 1501

730 XEX México DF 1831

750 YVKS Caracas 2624

760 XEABC México DF 1819

770 R.Rebelde, Las Mercedes 1763

800 PJB TWR Bonaire 2487

800 XESPN Tijuana BCN 1771

900 XEW México DF *1833* 

1000 R.Granma, Manzanillo 1748

1060 XEEP México DF 1827

1140 CHRB High River AB 1304

1140 XEMR Monterrey, NL 1448 1170 XEJTF Zacoalco, Jal 1882

1180 CMBA Villa María 1477

1200 WOAI San Antonio TX 1160

1700 KVNS Brownsville TX 1369

### Mike Plumb, Papillion NE (4 pts)

640 KFI Los Angeles CA 1303 mi.

680 KNBR San Francisco CA 1420

770 WABC New York NY 1145 1030 WBZ Boston MA 1298

### Paul Swearingen, Topeka KS (17 pts)

530 *RCH* La Habana 1369 mi.

530 *RVC* Turks & Caicos 1871

570 CMDC *R.Relój*, Santa Clara 1474

640 CMBC R.Progreso, Guanabacoa

660 WFAN New York NY 1116

670 CMQ R.Rebelde, Arroyo Arenas 1349

680 KNBR San Francisco CA 1443

730 XEX México DF 1372

770 WABC New York NY 1151

880 WCBS New York NY 1166 900 XEW México DF 1373 960 CFAC Calgary AB 1208 1010 CBR Calgary AB 1211 1030 WBZ Boston MA 1317 1060 KYW Philadelphia PA 1090 1070 KNX Los Angeles CA 1309 1210 WPHT Philadelphia PA 1105

### John Wilkins, Wheat Ridge, CO (30 pts)

530 RVC Turks & Caicos 2341 mi.

580 CKUA Edmonton AB 1018

590 XEFD Reynosa, Tama 1033

610 CKYL YL Country, Peace River AB 1261

640 XEYQ Fresnillo, Zac 1154

650 WSM Nashville TN 1031

690 CBU Vancouver, BC 1100

693 JOAB Tokyo, Japan 5803

700 WLW Cincinnati OH 1106

740 CHWO Toronto ON 1328

747 JOIB Sapporo, Japan 5386

750 WSB Atlanta GA 1222 770 KTTH Seattle WA 1014

774 JOUB Akita, Japan 5593

790 CMAQ *R.Reloj*, Pinar del Río 1733

790 XENT La Paz BCS 1117

800 CKLW Windsor ON 1163

820 CMDE Contramaestre 2170

828 JOBB Osaka, Japan 5888

840 WHAS Louisville KY 1060

870 WWL New Orleans LA 1089

870 CMDT Sancti Spíritus 1945

930 CJCA Edmonton AB 1020

1000 KOMO Seattle WA 1016

1050 XEG Monterrey NL 1010

1100 WTAM Cleveland OH 1233

1130 CKWX Vancouver BC 1096

1190 WOWO Ft. Wayne IN *1040* 

1530 WCKY Cincinnati OH 1095

1566 HLAZ Cheju, S.Korea 6470

In the 2000+ miles sea gain category, Mark Connelly added 47 transatlantic synchros to take the lead with 159 points. I've added 550 Colombia, 620 Nicaragua, 680 Colombia, 730 Colombia, a couple more Spain synchros, and 1566 Benin to my own entry for a tally of 154 points. I'll hold off on release of another sea gain list until after the contest ends. Refer to the January 28 edition of *DX News* for the last sea gain listings. Of course, all listings published in *DX News* are also available anytime in the Contest section of e-DXN online. 73 and Good Luck!

### Problems, Problems?

We can't solve all your woes, but we can solve your DX News problems. Torn, soiled, partially-printed, MIA, or worst of all, delivered in a USPS plastic baggie? No need to return the copy - just end a postcard to NRC - P. O. Box 5711 - Topeka, KS 66605-0711, or e-mail to <plsBCBDXER@aol.com> and a replacement copy will be mailed free. Missing a back issue? Replacement copies

from Vol. 56 on, to current NRC members only, are sent for the cost of first-class postage. You joined in the middle of the year and need to fill out a volume? Send \$1.00 per copy (postage paid). Quantities can be sent at the Media Mail rate.

See? No problem!

### Broadcast Test Report

Jim Pogue KH2AR@comcast.net <<www.dxtests.info>>

P.O. Box 3777 Memphis, TN 38173-0777

A periodic update of station testing activities

### WBIX DX Test Final Report

Let me think of some appropriate superlatives: spectacular, amazing, overwhelmingly successful ... nope, they still don't capture how great this late-February DX test from Natick, Massachusetts came out. In addition to being heard in at least 18 U.S. states and 2 Canadian provinces, the test was also logged in Finland, Norway, Scotland, Sweden and the United Kingdom. Here's the LONG list of DXers who have reported hearing the test:

Mark DeLorenzo – South Dennis, MA; Dave Hochfelder – Albany, NY; Steve Howe – Saint Albans, VT; Curtis Sadowski – Paxton, IL; Joe Miller – Troy, MI; Mike Brooker – Toronto, ON; Craig Healy - Providence, RI; George Sherman - Minnesota; Perry Crabill - Winchester, VA; Mark Gerwlivch - Markham, ON; Mark Connelly - Billerica, MA; Rob Ross - London, ON (DXing on an Ultralite radio of course); Bruce Portzer - Seattle, WA; Tom Jasinski - Shorewood, IL; Bjarne Mjelde - Berlevag, Norway; Jan Edh – Freddiksfors, Sweden; OJ Sagdahl – Tronheim, Norway; Andrew Blade – York, UK; Sig Andersson – Norrköping, Sweden; Torolf Johnsson – Stockholm, Sweden; Dave Pyatt – Burlington, ON; Bob Galerstein – Monroe, NY; Dave Braun – Wyoming, DE; Scott Fybush – Rochester, NY; Joe Wozniak – St. Louis, MO; Rich Line – Sterling Heights, MI; David Faulkner – Albany, NY; Torgeir Woxen - Sørumsand, Norway; Barry Davies - Carlisle, UK; Shawn Axelrod - Winnipeg, MB; Neil Kazaross Barrington, IL; Jim Wallace – Charleston, WV; Tim Noonan – Oak Creek, WI; Steve Francis – DXing from Newport News, VA; Dave Larrabee - Columbia, MD; Jim Solatie - Lemmenjoki, Finland; Eric Söderman – Norrköping, Sweden; Håkan Sundman – Lemmenjoki, Finland; Ken Baird – Sorn, Scotland; Kermit Geary – Walnutport, PA; Jim Paige – Sterling Heights, MI; Steve Kennedy – Coal Township, PA; Charles Helms – Nutley, NJ; Philip Chiello, Jr. – Elm Grove, WI; Kraig Krist – Manassas, VA; Leslie Wood – East Meadow, NY; John Fisher – North Chelmsford, MA; Mary Karren-Landry – Poland Spring, ME; John Malicky – Pittsburgh, PA; Andrew Blade – Ayrshire, Scotland;.

It seems that the only DXers east of the Mississippi River who had a problem hearing the test were those like me here in Memphis who live in WBIX's protective null. Likewise, J.D. Stephens and Les Rayburn in Alabama reported no success in hearing this most desirable test.

A trend that appears to be developing is a greater international interest in trying for DX tests. This is indeed exciting, and a potentially strong selling point to station engineers and management for future tests. Evidence supporting some unrealized potential for future successes in this area is provided by comments from DXer Mark Connelly in Massachusetts:

"At 0016 EST / 0516 UTC on 24 FEB I had no problem hearing the WBIX-1060 Natick, MA test on the DXTuner receiver located in Ilfracombe, England," he wrote. "Code ID's, sweep tones, and voice announcements came through fine. Clearly dominating the channel. (Other DXTuners) that had some signal: Edinburgh, Scotland (poor, much weaker than at Ilfracombe, bits of voice and tones) Italy and Germany (carrier evident but nil / nearly nil audio) Caracas, Venezuela (bits of Morse code ID in huge "furball" jumble)."

Thanks for sharing this fascinating info Mark. Perhaps we need to try and reach out to DXers in Latin America and encourage them to begin listening for tests. I have not received any reports from DXers in those regions on any tests this season.

As the prime BCB listening time begins to transition into nights with higher QRN levels and more hours of daylight, I am still trying to nail down just a couple more DX tests. More to follow on these as details become available.

Once again, our sincere thanks to WBIX Chief Engineer Grady Moates for agreeing to conduct this test, and to BTC member Paul B. Walker Jr. for his persistent efforts to arrange it. Now to the task of processing the many requests for QSLs.

Remember to keep checking the DXTESTS.INFO Web site frequently and listen to the BTC Podcasts for news and late-breaking developments.

Via Martin Foltz, we have this update from Steven Mena at KQMS:

"I did receive a number of letters from individuals participating in the DX test. I apologize for my delayed response, but just haven't found the time as of yet. I should have some available time in the near future to write back.

Thank you, Steven Mena"

So once again, we're asked to be patient. Thanks to Martin for getting this update for us.

I received this somewhat disappointing e-mail today from Dale Lamm at WHBC. I wonder if some of our list members who are professional broadcasters might contact Dale directly and see if we can still salvage a full-blown DX Test? I don't know the applicable FCC rules that well - particularly how the Commission "interprets" and potentially enforces them. Perhaps a little "broadcaster to broadcaster" communication could prove helpful. Thanks for anything anyone can do. I'll hold off for a little while before getting back in touch with Dale.

"Jim,

Am writing to update you on the 3/29/08 DX test with WHBC.

I am afraid we will need to postpone the test as published to avoid entanglements with FCC rule 73.72.

Looking closely at FCC 73.72, it says "...provided no interference is caused to other stations maintaining a regular operating schedule within such period". See the 73.72 excerpt below. (a) An AM station may operate during the experimental period (the time between midnight and sunrise, local time) on its assigned frequency and with its authorized power for the routine testing and maintenance of its transmitting system, and for conducting experimentation under an experimental authorization, provided no interference is caused to other stations maintaining a regular operating schedule within such period.

If we interpret the Rules strictly, then they would seem to prohibit operation at night while using the daytime power and antenna pattern.

Because WHBC-AM has a nighttime authorization which allows us 24/7 operation, my view is that special ID's aired in the wee hours are acceptable, so long as they are transmitted using authorized power and pattern for the period.

We share the 1480 frequency with other broadcasters, one of them located in our own state.

Let's discuss what our remaining options are before 3/29.

Dale Lamm Director of Engineering WHBC AM/FM NextMedia Group 330-471-1583"



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

IRCA Mexican Log, 12th Edition (Winter 2007)

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11". Prices: IRCA/NRC members - \$9.50; (US/Canada/Mexico/sea mail), \$12.00 (rest of the Americas/Europe airmail), \$12.50 (Australia/Japan/New Zealand airmail). Non-IRCA/NRC members - add \$2.00. Pay electronically with PayPal - add \$1 to the above price. Go to www.PayPal.com; then send your funds to phil\_tekno@yahoo.com (Phil Bytheway).

### DX'er's Notebook

# Dave White davew4uvh@bellsouth.net 5701 Chestnutwood Trail Hermitage, TN 37076-3288

Shared tips, topics, and Internet info

#### The DX'er and the Internets

The rules of the DX game sure have changed since I started playing it. Back then (the mid-60s) most stations were locally owned and programmed, and most took the concept of serving the public interest to mean being actively involved in the local community.

What that meant for us DX'ers was that it was a lot easier to identify a station than it is now. When there were live announcers who recited call letters and/or station slogans virtually every time they opened their mouths, with frequent mentions of the local community's name, the main challenges were propagation, interference and noise.

Of course, it's a much different world today. On top of propagation, interference and noise, it isn't unusual for several stations on the same frequency to program the same syndicated or network programming, and to only identify themselves as a legal necessity, somewhere close to the top of each hour. If we're lucky, we might hear a snatch of a local commercial that mentions a city or county, but that only gets us from "unid" to "tentative" or "presumed" at best.

In an era when stations seem to change formats about as often as most of us change socks, it becomes even more difficult to use format as a clue to an unknown station's identity.

To be sure, *AM Radio Log* is an essential resource, especially in concert with the equally essential updates found here in *DX News*. But the harsh reality is that any printed reference is completely up to date only once – at the moment it is printed.

Here's a list of Internet resources that I routinely use to augment the printed guides to help identify my "mystery" stations:

### 100000 Watts - <a href="http://www.100000watts.com/">http://www.100000watts.com/</a>

This is a subscription service, but the home page is a great resource for format change information. This is where I discovered that KBGG in Des Moines had switched from regional Mexican to sports when I was trying to ID a "mystery" station on 1700.

### Radio-Locator - <a href="http://www.radio-locator.com/">http://www.radio-locator.com/</a>

This comprehensive database lets you search by format, location, callsign, state or province. This is also a good place to determine if a station has a website and/or a live stream that can help you confirm a catch.

### Radio Station World - <a href="http://radiostationworld.com/">http://radiostationworld.com/</a>

This site's database has an "advanced search" engine gives you the option to query by keyword, callsign, or frequency (either "exact" or "approximate", which is useful if your radio doesn't have digital readout.)

### Radio and Records (R&R) - <a href="http://www.radioandrecords.com/">http://www.radioandrecords.com/</a>

Ratings for each market list each station's format, and any changes in format since the last rating period.

### Google - <a href="http://www.google.com/">http://www.google.com/</a>

There are several ways you can make use of Google (or any of the major search engines) to aid your DX detective work:

- Use the station callsign (if you know it) as the search string. This is the quickest way to see if the station has a website.
- If you don't know the callsign, try using the station slogan and frequency as the search string. If you have heard an announcer or newscaster name, include that in the search string, too.
- Use the name of an advertiser or organization you've heard as the search string. This is how I recently identified WQLR in Kalamazoo, one of four stations on 1660 that carry ESPN Sports.

### FCC Media Bureau – AM Query - <a href="http://www.fcc.gov/mb/audio/amq.html">http://www.fcc.gov/mb/audio/amq.html</a>

A comprehensive tool for complete information about a station's license (especially useful if you need an address to send a verification request) is the FCC's own database.

These are the Internet resources that I've found most useful. You may have others, and I urge you to pass them along so we can share them here.

1300 WJDA Quincy, MA

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

### Changes in programming status; reported by listeners

Freq	Call	Location	New Format	1310	WADB	Asbury Park, NJ	SPT
540	WAUK	Jackson, WI	SPT	1310	KZXR	Prosser, WA	SS:MEX
590	KTHO	South Lake Tahoe, CA	NOS	1320	WGOC	Kingsport, TN	NOS
610	KOJM	Havre, MT	AC	1330	WGFT	Campbell, OH	TLK
610	WCEH	Hawkinsville, GA	SPT	1330	WESR		TLK/OLD
610	KVLE	Vail, CO	Biz/TLK	1330	WRCA	Waltham, MA EZL/ETH	
620	<b>WSNR</b>	Jersey City, NJ	ETH	1340	WBAC		TLK/SPT
630	CFCO	Chatham-Kent, ON	C&W	1340	KROS		OLD/SPT
710	WUFF	Eastman, GA	C&W	1340	WRAW	Reading, PA	OLD
710	WROM	Rome, GA	C&W	1340	KJMU	Sand Springs, OK	UC
730	KEZX	Medford, OR	SPT	1340	KZNW	Wenatchee, WA	SPT
750	WAUG	New Hope, NC	TLK	1360	KMNY	Hurst, TX BIZ/TLK	
780	WPTN	Cookeville, TN	TLK/SPT	1360	WNNJ	Newton, NJ	OLD
790	WPRV	Providence, RI	OLD	1380	KOSS	Lancaster, CA	TLK
860	WTZX	Sparta, TN	TLK/SPT	1390	WROP	Belton, SC	NOS
880	KJOJ	Conroe, TX	SS:Tropical	1400	KUNX		IWS/TLK
880	CHQT	Edmonton, AB	MWS	1400	WZHR	Zephyrhills, FL	UC:GOS
910	KINA	Salina, KS	SPT/TLK	1410	KWYO	Sheridan, WY	OLD OCC /TLV
920	WGHQ	Kingston, NY	OLD	1430	WFOB	•	NOS/TLK
930 930	KBAI KMPT	Bellingham, WA	TLK TLK	1430 1440	KZQZ WDCO	· ·	TLK/OLD SPT
930 960	KMA	East Missoula, MT Shenandoah, IA	TLK/SPT	1440	KSKE	Cochran, GA Buena Vista, CO	Biz/TLK
970	WXQK	Spring City, TN	TLK/FSR	1450	WKXL		ΓLK/CLA
980	KGLN	Glenwood Springs, CC	· ·	1450	WCRS		NOS/TLK
980	WCAP	Lowell, MA	OLD	1450	WAVG	Jeffersonville, IN	TLK
1010	KOOR	Milwaukie, OR	NOS	1450	WNOS	New Bern, NC	CHR
1010	WCNL	Newport, NH	C&W	1450	WLEC	Sandusky, OH	AC/EZL
1020	KAXX	Eagle River, AK	BIZ	1450	CHOR	Summerland, BC	,
1040	WNJE	Flemington, NJ	SPT			NWS/TLK/SPT/OLD	
1050	WFED	Silver Spring, MD	NWS	1450	WTHU	Thurmont, MD	REL
1060	KRCN	Longmont, ČO	Biz/TLK	1460	<b>WBUC</b>	Buckhannon, WV	C&W
1060	KDYL	South Salt Lake, UT	OLD	1460	WZNZ	Jacksonville, FL	TLK
1100	KWWN		SPT	1460	KENO	Las Vegas, NV	SS:SPT
1110	WKDZ	Cadiz, KY	OLD	1470	KMNQ	Brooklyn Park, MN	SS:MEX
1140	KCLE	Cleburne, TX	C&W	1470	KSMM	Liberal, KS	SS:SPT
1150	WTTT	Boston, MA	SS:REL	1470	KUTY	Palmdale, CA	SS:MEX
1150	WJEM	Valdosta, GA	SS:MEX	1490	KXLQ	Indianola, IA	SS:MEX
1160	WCCS		WS/TLK/SPT	1500	WASN	Youngstown, OH	UC:GOS
1160 1190	WVNJ WTBZ#	Oakland, NJ T Grafton, WV	LK/Brokered CHR	1510 1530	WXOZ KCLR	Highland, IL Ralls, TX	C&W SS:REL
1190	WAMT	Pine Castle - Sky Lake,		1540	KGBC	Galveston, TX	SS.KEL ETH
1190	WJES		D/TLK/NOS	1540	KNGL	McPherson, KS	TLK
1230	WECK	Cheektowaga, NY	TLK/SPT	1550	KYCY	San Francisco, CA	BIZ
1230	WNGM		Rock/OLD	1570	KZLI	Catoosa, OK	NOS
1230	WSBB	New Smyrna Beach, FI		1570	WCLE	Cleveland, TN	NWS
1240	KASO	Minden, LA	OLD	1570	WCRL	Oneonta, AL	NOS
1250	<b>KZDC</b>	San Antonio, TX	SPT	1570	WECU	Winterville, NC	<b>UC:GOS</b>
1250	WCHO	Washington Court Hou		1580	KKKK	Colorado Springs, CO	Biz/TLK
1250	WAPZ	Wetumpka, AL	UC:GOS	1580	WPGC	Morningsiđe, MD	REL
1260	WTBZ	Grafton, WV	CHR	1590	WAKR		OLD/TLK
1260	WPJF	Greenville, SC	SS:REL	1590	WSRW	Hillsboro, OH	OLD
1260	KWEI	Weiser, ID	SS:TLK	1590	KKZZ	•	JWS/TLK
1280	WDNT	Dayton, TN	TLK/SPT	1680	KAVT	Fresno, CA	NOS
1280	WEIM	. 0	AC/TLKd/SS:	1700	KBGG	Des Moines, IA	SPT
1000	MIDD	Tropical	IIC OI P	o	1 .		
1280	WIBB	Macon, GA	UC:OLD	Contri			
1280	KCOB	Newton, IA	OLD NOS		•	Lorenzo, Dvorak, DX Mic	•
1280 1280	KPRV WTMY	Poteau, OK Sarasota, FL	NOS TLK			herbert, Fybush, Heinen,	-
1290		Sumter, SC	Rock/OLD			, Martin, nrcdxas.org, Sch	midt, The
14/0	1 1 1 1 1 1 1 1 1 1	Junicy JC	NOCK/ OLD	Dadia	Torres o 1	Winkleman	

SS:REL

Radio Journal, Winkleman

### Professional ports

### Barry S. Finkel bsfinkel@ANL.gov 10314 S. Oakley Chicago, IL 60643-2409

### Networks

Network listings for team sports stations

Here is Major League Baseball (MLB) flagship information for the 2008 season, from Internet searches by Ken Onyschuk. Some other info came from my Internet searches, which corrected/added to some of Ken's information. I have not located network lists for the New York Yankees and the San Diego Padres; if anyone can tell me whether these two teams have radio networks, please let me know. Some of the network lists online are still the list for last season, so I cannot verify that the announcers listed on the web site are for the 2008 season. And some of the mlb.com team web sites do not list the announcers' names. So, I need information about announcers that I have listed as "-". I hope to have all of the network lists in my next column. Thanks.

Arizona Diamondbacks	620 1400	KTAR-AZ KSUN-AZ	(EE) (SS)	-Greg Schulte, Tom Candiotti, Daron Sutten -Miguel Quintana, Oscar Soria
Atlanta Braves	640 94.9	WGST-GA WVBL-GA	(33)	-Skip Caray, Chip Caray, Pete Van Wieren
Baltimore Orioles Boston Red Sox	105.7 680 850	WHFS-MD WRKO-MA WEEI-MA	(EE) (EE)	Joe Angel, Fred Manfra, -Joe Castiglione, Dave O'Brien, Glenn Geffner
Chicago Cubs	950 720	WROL-MA WGN -IL	(SS)	-Uri Berenguer, Juan Oscar Baez Pat Hughes, Ron Santo
Chicago White Sox	670 'W 1200	VSCR-IL WRTO-IL	(SS)	Steve Stone, Ed Farmer -Hector Molina
Cincinnati Reds	700	WLW -OH	` /	-Marty Brennaman, Thom Brennaman
Cleveland Indians Colorado Rockies	1100 850	WTAM-OH KOA -CO		-Tom Hamilton, Mike Hegan -Jeff Kingery, Jack Corrigan
Detroit Tigers Florida Marlins	1270 790	WXYT-MI WAXY-FL	(EE)	Jim Price, Dan Dickerson Dave Van Horne, Glenn Geffner,
riorida marinis	1140	WQBA-FL	(SS)	-Rafael "Felo" Ramirez, Luis "Yiky" Quintana
Houston Astros	740 790	KTRH-TX KBME-TX (E		-Milo Hamilton, Brett Dolan, Dave Raymond
Kansas City Royals	1010 610	KLAT-TX KCSP-MO	(SS)	Alex Trevino, Ernesto Ruiz Denny Matthews, Bob Davis, Steve Stewart, Ryan Lefebvre
Los Angeles Angels	710 830	KSPN-CA KLAA-CA	(EE) (SS)	Rory Markus, Terry Smith, Darren Chan -Ivan Lara, Jose Mota
Los Angeles Dodgers	980	KFWB-CA	(EE)	Vin Scully, Rick Monday, Charley Steiner, Jerry Reuss
	1330	KWKW-CA	(SS)	Jaime Jarrin, Pepe Yniguez, Fernando Valenzu- ela
Milwaukee Brewers	620	WTMJ-WI		Jim Powell, Bob Uecker
Minnesota Twins New York Mets	1500 660	KSTP-MN WFAN-NY	(EE)	-John Gordon, Dan Gladden Howie Rose, Wayne Hagin, Ed Coleman
TVCW TOTK WICES	1280	WADO-NY	(SS)	Juan Alicea, Max Perez Jimenez
New York Yankees	880	WCBS-NY	(EE)	John Sterling, Suzyn Waldman, Ken Singleton, Michael Kay, Bobby Murcer
Oakland Athletics	1550 106.9	KYCY-CA KFRC-CA		-Ken Korach, Vince Cotroneo, Ray Fosse
	1220	KNTS-CA		
Philadelphia Phillies	1210	WPHT-PA	(EE)	Harry Kalas, Chris Wheeler, Larry Andersen, Scott Franzke
	1480	WBAS-PA(SS	S) -B.	Kiliik, Danny Martinez
Pittsburgh Pirates	104.7	WPGB-PA		Lanny Frattare, Greg Brown, Steve Blass, John Wehner, Bob Walk
Saint Louis Cardinals	550	KTRS-MO	/PT\	John Rooney, Mike Shannon
San Diego Padres	1090 860	XPRS-BC XEMO-BC	(EE) (SS)	-Jerry Coleman, Ted Leitner, Andy Masur -Ed Ortega, Juan Avila

San Francisco Giants	680	KNBR-CA	(EE)	Jon Miller, Greg Papa ,Duane Kuiper, Mike Krukow, Dave Flemming
	1170	KLOK-CA	(SS)	Erwin Higueros, Tito Fuentes
Seattle Mariners	1000	KOMO-WA	(EE)	Dave Neihaus, Rick Rizzs
	1490	KBRO-WA	(SS)	Alewx Rivera, Julio Cruz
Tampa Bay Rays	1250	WHNZ-FL	(EE)	Andy Freed, Dave Wills, Rich Herrera
	620	WDAE-FL		•
	680	WGES-FL	(SS)	Enrique Oliu, Ricaro Tavaras
Texas Rangers	1080	KRLD-TX	(EE)	Josh Lewin. Tom Grieve, Eric Nadel, Victor
_				Rojas
	1270	KFLC-TX	(SS)	Eleno Ornelas, Jose Gozman
Toronto Blue Jays	590	CJCL-ON		Jerry Howarth, Mike Wilner, Alan Ashby
Washington Nationals	1500	WTWP-DC		Charley Slowes, Dave Jagelar
-	107 7	WTOP-DC		

- = announcers from last year
- = announcers from a previous year

## Broadcasters'

Four different tri-fold guides for use with reception reports explaining DX'ing, how the NRC was formed, and the importance of QSL's to DX'ers. AM editions in English (EEG), Spanish (SSG), and French (FFG); FM edition in English (FMG). 20 for U\$3.95 (\$4.50 Guides to DX French (FFG); FM edition in Eligibin (FMG). 20 101 033.73 (7.135) non-members) from NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

IR*CA* TIS/HAR List (Fall 2004)

Mike Hardester has completed the most up-to-date list yet: 56 pages of top-notch information on current TIS/HAR stations in the AM Band. Prices: NRC/IRCA members: \$8.50; overseas, add \$3.00; non-NRC/IRCA members: add \$1.00. State club affiliation when you order. Send U. S. funds payable to Phil Bytheway to:

IRCA Bookstore - 9705 Mary NW -Seattle, WA 9817-2334, or via PayPal to fokker\_

d8@yahoo.com (Phil Bytheway); add \$.50 for PayPal service charges.

Antenna Reference Manual, Volume 1

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

### NRC AM Radio Log, 28th Edition

473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

The NRC AM Radio Log is unbound and threehole punched for standard binders. \$19.95 to U.S. NRC members; \$25.95 to U.S. nonmembers; to Canadian members, \$23.00 (\$27.95 to non-members). Airmail to all outside of USA/Canada: \$31.45. Order from: NRC Publications - P.O. Box 473251, Aurora CO - 80047-3251. (CO residents, please add 3.5% sales tax.)

### 2008 Cabin Fever MWDX Sprint By Gil Stacy and John Bryant, Co-chairs

We would like to thank those who participated in the event even if they didn't officially submit a log. Paramount in planning the event, we wanted the participants to have fun and not be burdened with onerous log keeping. We think that we succeeded.

We had 13 official submissions. 8 participated in Barefoot Class and 5 in Unlimited Class. There were quite a few other DXers who intended to submit loggings, but the "real world" intervened.

Rob Ross of London, Ontario, took top honors with 150 stations logged. Rob has learned his way around the dial on his barefoot Sony SRF-T615 having logged over 400 stations on it in the past two months. He is still using the original batteries, but wore out a Lazy Boy Recliner.

Mike Tuggle of Kaneohe, Hawaii, and the multi-operator team of Allen Willie and Lorne Harnum of St. John's, Newfoundland, had staggering scores in the World-wide DX category. Mike participated in the Unlimited Class and amassed 34,706 km. For those who don't know of Mike, he is a longtime DXer who uses minimalist rigs and is widely known for his creative set design in crystal radios and simple electronics circuits. Mike's top 5 World Wide DX stations: KFAQ Tulsa, OK 6160 km; 530 R.V.C. S. Caicos 8794 km; 740 KTRH Houston, TX 6299 km; 1520 KOKC Oklahoma City, OK 6011 km; and CHWO Oakville, ON 7442 km.

Since this fall, Allen Willie has logged over 60 Trans-Atlantics with his Ultralight radios. His team's 5-station total in WW DX was 44,069 km and reads like a Middle Eastern travelogue: Radio Sawa, Arta, Djibouti 9504 km; 1575 Radio Farda, Al Dhabbaya, United Arab Emirates 9251 km; 1521 BSKSA, Duba, Saudi Arabia 8730 km; 1548 Radio Sawa, Kuwait City, Kuwait 8446 km and 1503 R. Sarasarye, Bushehr, Iran 8138 km. The total distance of these five stations exceeds the distance around the Equator.

In the Americas DX category, John Bryant of Stillwater, OK, was top scorer with 12,334 km in the Unlimited Class, and he logged the following stations: 570 Radio Reloj, CMDC Santa Clara, Cuba2245 km; 670 R. Rebelde, CMQ, Čiudad Habana, Čuba 2018 km; 710 R. Rebelde, CMW, La Julia, La Habana, Cuba 2052 km; R. Rebelde, CMBA, Villa Maria, La H., Cuba 2017 km and 800 TransWorldR, PJB, Bonaire, Netherlands Antilles 3912 km.

In the Americas DX category, Barefoot Class, Rob Ross of London, Ontario, was top scorer with 17,502 km and logged the following:750 Radio Caracas YVKS Caracas, Venezuela 3863 km; 800 PJB3 TWR Bonaire, Netherlands Antilles 3649 km; 1060 XEEP Mexico City, Mexico 3108 km; 810 Caracol HJCY Bogota, Colombia 4313 km; 530 Radio Vision Cristiana Grand Turk, Turks/Caicos 2569 km.

These catches by John and Rob are noteworthy because of their landlocked locations, demonstrating that great DXing into Latin America can be had with simple equipment from non-coastal areas of North America.

### **Top Scorers**

### **Barefoot Receiver Class** \*Total Stations\*

- 1) Rob Ross, London, Ontario Sony SRF T615, ("Lazy Boy DXer"): 150 stations
- 2) Dave Hascall, Indianapolis, IN Sony SRF 59 ("Brickyard Special"): 102 stations

#### Americas DX\*:

- 1) Rob Ross, London, Ontario Sony SRF 59: 17,502
- 2) Kevin Schanilec, Bainbridge Island, WA Eton e100, Sony SRF-39FP ("Warden's Worry") 14,782 km

#### \*World-Wide DX\*

Allen Willie/Lorne Harnum St. John's, NF Sony SRF M37V ("Newfoundland DX Dogs") 44,069 km

### **Unlimited Receiver Class** \*Total Stations\*

1) John Bryant, Buffalo Chip, OK Sangean DT200VX ("Prairie Sky Plow"), filter modification and

- 12" x .75" ferrite/litz tunable booster bar : 78 sta-
- 2) Garry Nichols, Manilus, NY SRF 49 with modified mechanical tuner ("Yankee DX Clipper"): 60 stations

#### \*Americas DX\*:

- 1) John Bryant, Stillwater, OK: 12,344 kms
- 2) Gary DeBock, Puyallup, WA steroid-injected SRF-39FP ("The Barry Bonds") with 6.5" ferrite loopstick transplant: 10,246 km.

#### \*World-Wide DX\*

Mike Tuggle, Kanehoe, HI, thrift store Sangean DT200V ("Diamondhead DXer"), coupled to a 70', 4 wire flattop antenna, up 24-34" coupled to radio via an eponymous Tuggle Tuner ferrite bar. (Crystal radio antenna tuner: doubleganged air variable, one gang tunes antenna and ferrite bar, the other gang tunes ground) 34,706 km.

We had previously announced no prizes for participants. However, during the course of the Sprint, the Yahoo ultralightradio mailbox began filling up with offers of riches from a former government official, Mr. Magubwe of Nigeria, and, how about this, we also won the Irish Sweepstakes! (Neither John nor I recall entering.) It was my intent to provide the top scorers with the contact information to begin the process of collection of the well-deserved money, but for some unexplained reason, John deleted the emails. Instead of untold riches, the participants received a classy certificate, suitable for framing.

### Indianapolis Radio Market Faces Format Changes

Indianapolis Star; by David Lindquist

Market manager Chris Wheat says patience is key with new formats. Country station WFMS, with personalities Jim Denny (from left), Deb Honeycutt and Kevin Freeman, is a hit for Cumulus. Other stations are having a tougher time.

Radio One's local vice president and general manager Chuck Williams directs two Indianapolis stations - WNOU and WHHH - aimed at the same age group, but different people.

If you don't like what's happening, wait a bit and things will change. The wry adage about weather in Indiana now seems to apply to radio in Indianapolis.

During two of the last three years, format changes rocked the nation's 40th largest radio market.

Corporate owners dumped FM stations WGLD, WENS and WTPI in 2005. A more complicated upheaval followed in 2007:

Emmis Communications discarded Top 40 format "Radio Now" (WNOU) to make room at its 93.1 FM frequency for the news and talk of WIBC.

Sports station WFNI emerged at WIBC's former AM frequency -- 1070.

Radio One purchased the "Radio Now" concept and placed it at 100.9 FM. That meant WYJZ and smooth jazz programming were out.

Cumulus Media scrapped conservative talk station WWFT after less than a year on the air at 93.9 FM. A soft rock format labeled "Warm" now resides at the frequency.

Independent station WKLU-FM (101.9) shifted from classic rock to "oldies" defined as pop hits from the 1960s and '70s.

In bottom-line language, the adjustments were made in pursuit of profits. Advertisers spent \$92.5 million at Indianapolis radio stations in 2007, following \$99 million spent in 2006, according to California-based accounting firm Miller, Kaplan, Arase and Co.

That's a 7 percent drop, and Emmis executive Tom Severino predicts another drop of 4 percent in 2008.

To appeal to advertisers who may believe radio is past its prime, companies create stations that aim to deliver audiences composed of the correct ages (and often the correct gender).

"Someone is always going to be out of bread and water, and trying to figure out how to get more bread and water," says Chuck Williams, Radio One's local vice president and general manager.

What's in it for listeners?

Executives say modern radio is more than what's heard in your car or at the office.

They tout entertainment and information available at radio station Web sites, as well as concerts they present.

Entercom Communications local vice president and market manager Phil Hoover says his company provided a full-circle experience with last year's "Whatever It Takes" promotional campaign featuring WZPL-FM (99.5) morning personality Dave Smiley.

Pledging to do various tasks in return for listener loyalty, Smiley traveled throughout the city and posted videos of his adventures on the station's Web site.

"Radio can no longer be just on the air," Hoover says. "We have to be on the air, we have to be online and we have to be (in the community)."

Format shuffling rarely happened in Indianapolis in the two decades before 2005.

But industry insiders say it's not unusual in a national context. They also say it's not a symptom of an industry in disarray.

Emmis CEO Jeff Smulyan, whose company owns 23 stations nationwide and four in its home base of Indianapolis, says listeners haven't gone anywhere.

"The most amazing thing about radio is that consumption has held remarkably well, and yet the perception of consumption has been down," Smulyan says. "You ask the average person, and they'll say, 'Radio is yesterday's news. It's a dinosaur.' "

Arbitron listener surveys reflect that 94.2 percent of Americans listened to radio in 2004, compared to 95.3 percent in 1998.

In Indianapolis, 91.7 percent of the population listened to radio between Sept. 20 and Dec. 12, 2007.

Smulyan says the radio industry needs to do a better job of stating its case of popularity to advertisers.

Conceding that MP3 players and subscription satellite radio have received a windfall of publicity as the latest things in listening, Smulyan recalls past challenges from compact discs, cassettes and 8-track tapes.

He mentions that even CB radios were once touted as a recreational listening device.

Smulyan says radio remains a valuable source for music -- even in the iPod age.

"There are 8 billion bands," he says. "Nobody has the time to go through all of them. I think our filtering mechanism is always going to make us relevant."

Indianapolis resident Rebecca Swope agrees.

"You click on something (at the iTunes online store) because you recognize it," Swope says. "If you're really trying to promote a new artist or a new song, I think the best way for that to still happen is when it's played on the radio."

At 28, Swope is part of a highly valued demographic among local radio programmers: women

ages 25 to 54.

When listeners of a specific age and gender make up an audience, stations impress advertisers who want to market products and services for maximum sales results.

Culumus station WFMS-FM (95.5) has ranked No. 1 among listeners ages 12 and older for more than eight consecutive years. Cumulus local vice president and market manager Chris Wheat says the overall title is more show than dough.

"The money demographics directly relate to your financial bottom line," he says.

In the fall 2007 Arbitron report, 61 percent of WFMS listeners were female and 51 percent of WFMS listeners were between the ages of 25 and 54.

With its new "Warm" station, Cumulus wants to attract more female listeners by playing songs from acts such as Journey, REO Speedwagon and Fleetwood Mac.

Other local stations already established in the field include Emmis property WYXB-FM (105.7) as well as Entercom Communications properties WZPL and WNTR-FM (107.9).

"The women truly make a lot of the (buying) decisions," Wheat says.

Men aren't neglected on local radio's new battleground, where three sports stations vie for listeners on the AM band: WFNI at 1070, WNDE at 1260 and WXLW at 950.

Industry consultant Robert Unmacht says three sports stations in one city isn't necessarily overkill.

In Nashville, Tenn., where Unmacht's iN3 Partners company is based, there are two FM sports stations and one AM sports station.

Unmacht estimates that 10 percent of U.S. radio stations change formats each year.

If a decrease in advertising dollars is causing radio to lose "growth industry" status, Unmacht says, profit margins still exist.

"It's now just a solid cash cow," says the former owner of radio stations in the Pacific Northwest.

Nevertheless, there's been no shortage of negative financial news.

Emmis stock traded as low as \$2.02 per share in January. Its high mark during the past year was \$10.86 per share.

Clear Channel Communications -- which owns local stations WFBQ-FM (94.7), WRZX-FM (103.3) and WNDE -- froze new hires at more than 1,000 stations beginning this month and halted spending for research and promotion, according to the San Antonio Business Journal.

CBS Radio, which owns no stations in Indianapolis, announced executive layoffs at most of its 140 properties earlier this month.

Unmacht says radio is delivering a cheaper product than it once did. "We do less local, we do less news, we're less involved in the community," he says. "We're doing it with smaller staffs."

Indianapolis boasts its share of high-profile on-air personalities, including Bob Kevoian, Tom Griswold, Chick McGee and Kristi Lee at WFBQ, Jim Denny and J.D. Cannon at WFMS, Greg Garrison at WIBC, DJ Wrekk 1 at WHHH-FM (96.3) and the Deuce at WRZX.

Blaine Thompson, editor of weekly online publication Indiana RadioWatch, says radio offers a human connection that gadgets can't match.

"An iPod can't go out and raise money when a tornado hits," Thompson says. "A CD player can't go out and throw a fundraiser for a kid who has leukemia but no insurance."

Consultant Unmacht says the future of radio will be bright if its leadership maintains focus.

"It's a simple recipe -- like making biscuits," Unmacht says. "It's entertainment, information and companionship. If you do those three things mixed together, you'll win, and it's an unbeatable force"

As the 40th largest radio market in the United States, Indianapolis and its suburbs consist of 1.35 million potential listeners.

For the fall 2007 ratings period monitored by Arbitron, 156,200 people age 12 and older listened to radio during an average 15-minute period. About 13,200 were tuned to the most popular station, WFMS-FM (95.5). Stations use Arbitron ratings to determine advertising rates.

Five corporations own 17 of the 20 highest-ranked stations in Indianapolis. The corporations are Clear Channel Communications, Cumulus Media, Emmis Communications, Entercom Communications and Radio One.

Here's a look at three of the corporations and moves they made in 2007:

**Emmis Communications** 

Tom Severino -- vice president and general manager for Emmis stations WIBC-FM (93.1), WYXB-FM (105.7), WLHK-FM (97.1) and WFNI-AM (1070) -- maintains faith in radio.

But when he saw diminishing returns at radio's AM band, news and talk station WIBC migrated to FM.

"Over time, fewer and fewer people will use the technology," Severino says of AM, which has been around for a century and is prone to atmospheric and electrical interference.

WIBC made its FM debut in December. Severino says the station will be deemed a success if it attracts more listeners between the ages of 25 and 54.

The station has consistently ranked in the top five among local listeners 12 and older. At AM, 40 percent of WIBC's listeners were 65 and older, according to current Arbitron ratings.

Severino says WIBC's strengths are content that's difficult to duplicate, and on-air personalities such as Greg Garrison and Dave Wilson.

"The Rolling Stones are the Rolling Stones, whether they're on WFBQ, WKLU or WJJK," Sev-

erino says.

Severino wants 2008 to be a year flooded with WIBC content that's geared for the Internet and mobile devices.

A mobile traffic initiative will provide smart phones with access to Indiana Department of Transportation cameras, Severino says.

"It's not just about the station frequency or someone buying a 30-second ad at one of our frequencies," he says. "What can we do to create integrated platforms for listeners and advertisers?"

After local radio's tumultuous 2007, Severino predicts more format changes at other companies.

"In today's world, there's no company that's into long-term development of product," he says. "It's just not the nature of the beast anymore."

Radio One

Youth is served at Radio One, which picked up Top 40 format "Radio Now" after Emmis Communications dropped it in October.

Add WNOU-FM (100.9) to existing Radio One station WHHH-FM (96.3), and the company has a lock on listeners ages 12 to 24. WHHH ranked No. 1 and WNOU was No. 2 in that category during Arbitron's fall ratings period, reaching more than 180,000 listeners per week.

Radio One's local vice president and general manager Chuck Williams says WNOU's Top 40 format and WHHH's hip-hop and R&B format won't translate into fierce in-house competition.

"It's the same age group (of listeners), but different people," Williams says.

Radio One's television property, Indy's Music Channel (WNDI Channel 65), will be used to copromote the stations and their Web sites, Williams says. "I need you to think 'FM' and 'dot-com' -- but not even think about the difference," he says.

In the latest Arbitron quarterly ratings, WHHH flirted with being No. 1 among listeners 12 and older. The station attracted 12,800 listeners during an average 15-minute period, placing second to WFMS and its 13,200 listeners.

WFMS posted its lowest ratings numbers in five quarters, but Williams downplayed the news as a "compression" of the marketplace.

"It's not like (WHHH) all of a sudden did something better or stronger," he says.

At the same time, Cumulus Media's installation of a "Warm" format at 93.9 FM means at least five local stations are targeting female listeners between the ages of 25 and 54 as their primary audience.

"The number of people who can step away and come back to their favorite station has increased," Williams says. "The number of places they can go has increased."

Cumulus Media

If the 93.9 FM frequency is ever to find stability in Indianapolis, Chris Wheat says he's the man to help make it happen.

Wheat is the new local vice president and mar-

ket manager for Cumulus, and he held a similar title at Clear Channel when that company's WRZX-FM (103.3) made its ascent as a modern rock station in the 1990s.

"Warm" is the format Cumulus is presently trying at 93.9, which has been an unlucky number for country music (dumped in 2001), '80s nostalgia (dumped in 2004), Christian music (dumped in 2006) and conservative talk (dumped in 2007).

There's nothing revolutionary about Warm's focus on harmless hits by Journey, Styx and John Mayer.

But patience, Wheat says, will keep the station afloat.

"The Warm product will be given a fair opportunity to succeed," he says.

Patience may translate into taking lumps in the quarterly Arbitron ratings.

"If you try something and you're not getting any traction after six months, it's not necessarily because it's not good," Wheat says.

The station recently unveiled its first on-air personality. Afternoon DJ David Wood also serves as local operations manager for Cumulus.

Wheat says engaging on-air personalities do more than read announcements and song titles.

"I think the challenge is to figure out the way to keep the listening audience interested in what you're doing by playing the right music and what you say in between."

Here's what's playing on Indianapolis AM radio dials:

### AM stations

WSYW (810) -- Independent station plays a variety of popular Spanish- language

WXLW (950) -- Syndicated program hosted by ex-ESPN personality Dan Patrick anchors this sports station.

WFNI (1070) -- Emmis sports property has play-by-play rights to the Pacers, the Colts and races at the Indianapolis Motor Speedway.

WNDE (1260) -- Clear Channel sports property broadcasts Jim Rome's syndicated talk show at midday.

WTLC (1310) -- Amos Brown's talk show is sandwiched by a full day of gospel programming on this Radio One station.

WXNT (1430) -- Entercom station offers political talk with local host Abdul Hakim-Shabazz and syndicated personality Bill O'Reilly.

WNTS (1590) -- Spanish-language station devotes its play list to regional Mexican music.

### Musings of the Members

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

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

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

(Note: All non-electronic Musings should be snail-mailed to the publisher for retyping until Dave says otherwise. Thanks -pls.)

#### Robert C. Pote - 1181 Crestwood Dr. - Greenwood, IN 46143 <mrzenith41@aol.com.

Hello, fellow DX'ers, it's been several years since I have sent in a muse, so I thought it was time to send one in and let everyone know what I have been doing. I retired in October, 2005 after working 46 years a a journeyman welder. I also served Uncle Sam in the U. S. Army during 1964-1965. Since retiring I have stayed busy dividing my time with my antique radio collection, bicycle riding, and tyring to DX as time allows. I first got into DX'ing about 1958 when I was living in Markham, IL where I grew up. My first receiver was a huge Silvertone AC table radio with a large, gold-colored dial and a tuning eye tube. I was really amazed at what I was picking up, all the east-coast clear channels plus hearing KFI-640 in Los Angeles and KSL-1160 in Salt Lake when WJJD would sign off every evening at dusk. I used to get up early in the morning just to hear many stations sign on for the broadcast day. I haven't been doing much DX'ing this season as I have a noise problem connected with my outside lights; the noise appears in the evening when my outside lights come on and disappears in the morning when they go off. The noise affects the low end of the band from 530 to about 1000 kc. Another big problem is the IBOC hash that is being generated by the stations broadcasting in HD. How the FCC allows this to go on is beyond me. My local station WFNI-1060 now broadcasts in HD 24 hours a day, making it very hard for me to hear anything on 1060 and 1080. I notice KDKA and WBZ both are broadcasting in HD. The big news here in the Indianapolis area was the decision by Emmis Communications to move the WIBC call letters to 93.1 FM along with their talk format, and their 1070 AM outlet was give new call letters: WFNI-1070, "The Fan", which is now all-sports. How sad that after 68 years WIBC-AM loses its spot on the AM dial and ends up on FM. Indianapolis has two other all-sports stations, WXLW-950 and WNDE-1260, so it should be interesting to see how this plays out. Supposedly their new sports format will give WFNI a more competitive edge with their 50,000-watt signal and airing the Indy 500, Indianapolis Pacers, and Indianapolis Colts games. They are also affiliated with ESPN. I have been following Rob Ross's column "Ultralight DX'ing" (Vol. 75, #20) with much interest, as I have three of the radios that were listed. I have the Sangean DT-200VX, DT-210V, and the SONY SRF-59. All three radios are very sensitive, but I am truly amazed at the performance of the SONY SRF-59, as a DX-getter, especially when you consider its low cost and single battery. Too bad it doesn't have a digital readout. I also have an older SONY ICF-380 AM/FM set that is very sensitive. It has analog tuning and is easier to tune than the SRF-59. However, it is roughly twice the size of the SRF-59, but it sure packs a punch for its size. If memory serves me right, I paid \$19.95 for it back about 20 years ago. Before I end this muse I was wondering if anyone remembers back about 1962 or 1963 when the AM band went dead for about a half hour; I believe it was related to testing the Conelrad frequencies on 640 and 1240 kHz. The test was held in the afternoon if I remember correctly. I was living in the south side of Chicago at that time, and I remember trying to pick up anything new, but the band was dead of course at thime of the day. Please tell me I wasn't dreaming this. Thanks for letting me ramble on. 73's. (Bob, I remember this event well; I couldn't get out of school and didn't have a portable radio, so I couldn't take advantage of the radio silence. However, as I remember, it took place around 1957, as I was still in grade school -pls.)

### Leslie Wood - 1314 Meadowoods Drive - East Meadow, NY 11554

Greetings. This is my first reprot to this column in some time. I've been pretty active this winter at the dials, DX'ing, QSL'ing stations, and reporting to the DDXD-East column. I recently heard from fellow NRC member Harry Hayes, about his DX'ing exploits and his use of a Grundig S350 receiver. Recently heard new ones here are WBTX-1470, WNCA-1570, WECU-1570, WBIX-1060 test, WFLR-1570, and WGGO-1590. Latest QSL's are WTDY-1670 and CIWW-1310, a report dated one year ago. My totals are 37 states heard and DC/35 verified and DX. Total provinces: 6 heard/6 verified. Total countries: 23 heard/16 verified. Highlights of my years of DX'ing include hearing WMDH-1500 on a Monday morning with only 250 watts power; hearing DFAB-1110, when WBT was knocked off the air with antenna problems, for a whole week in October, 1970; and logging both KOMA-1520 and KFI-640 back in 1971 on a Monday morning, my best DX day ever! Having logged all states east of the Mississippi, and several western states, I have yet of hear neighboring province Newfoundland. This province with seemingly a number of high-powered stations, on uncrowded frequencies, remains elusive to me. That's all for now. 73's to all!

### IT'S PITTSBURGH IN 2008!

Friday, August 29 - 31, 2008

Our 75th Anniversary - National Radio Club, founded in 1933

What better way to celebrate our Diamond Anniversary than to get back together in the familiar surroundings of the birthplace of modern broadcasting. And can you believe it? The city of Pittsburgh is celebrating its 250 anniversary this year, too!

Our host will be John Malicky, one of our most experienced convention leaders. Just look at what he's arranging for us. The Pirates baseball team will play for us on Sunday afternoon against Milwaukee - very appropriate for our 75th diamond anniversary, weather permitting

niversary - weather permitting.

Plan to arrive early enough on Friday to take part in studio tour that afternoon, with a pizza dinner being served in the meeting room that night. The grand opening will be held at 7 p.m. on Friday with a presentation about the history of Pittsburgh

rounding out the evening.

Saturday morning will feature a tour of the Heinz History Center at 9 a.m., and you are invited to buy lunch at the Sports Rock Café if you wish. There will be transmitter tours in the afternoon for those who wish to get out and see what broadcasting in Pittsburgh is all about, and then, at 5 p.m., the annual group photograph at the hotel. And, of course, there will be lots of time to sit and chat about DX'ing with other club members in the Hospitality Room.

The banquet this year will be in the Greenery Restaurant right there at the hotel. A business meeting will follow, and then the world-famous auction will round out the

evening.

Sunday will open with the annual NRC DX Examination, and then, at 11 a.m., we'll depart for a boat ride to PNC Park, home field of the Pittsburgh Pirates, via the Gateway Clipper Fleet. The game that afternoon is against the Milwaukee Brewers at 1:35; tickets are \$14 each, and please reserve yours by letting John know that you plan to attend. Seats will be behind home plate on the 3rd level.

Back at the hotel, the Hospitality Room will re-open around 5 o'clock -- WNRC should be on the air by then and we'll sit and chat until everyone is talked out. The con-

vention will end on Sunday evening.

Now, here's what to do:

1. Reserve your room at the Greentree Holiday Inn, 401 Holiday Drive, Pittsburgh PA 15220: Call: 1-412-922-8100. Be sure to tell them you want the "NRC Rate" @ \$75 per room (up to 3 occupants)

2. Convention Registration is \$45 and that includes the pizza party, the banquet, soft drinks and munchies during the three days in the Hospitality Room and, weather

permitting, a trip to the history center.

3. Send all auction and "free" distribution items to John (PLEASE mark free items prominently so that they don't end up in the auction!): 995 Shadycrest Rd - Pittsburgh, PA 15216-3046.

4. Send your registration check, payable to "National Radio Club" to: National Radio Club - PO Box 5192 - Sun City Center, FL 33571-5192. You can also register

o line using Pay Pal at: www.nrcdxas.org

5. Local Transportation: If you fly into Pittsburgh International Airport ("PIT"), there is a free complimentary shuttle service to the hotel. The train station in Pittsburgh is only 4 miles away from the hotel; the taxi fee is \$25.



# National Radio Club Founded in September, 1933, the National Radio Club is a non-profit

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

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

NRC/IRCA Broadcast Test Coordinator: Jim Pogue - KH2AR@comcast. net, P. O. Box 3777 - Memphis, TN 38173-0777.

Drive - Lima, OH 45805-1835, 360-382-1957 (recordings for the Audib

Service; \$ for subscriptions; DXAS address changes)

DX Audio Service Yearly Subscription (twelve 90-minute tapes, mailed on or about the 20th of each month) (send new and renewal subcriptions to Fred Vobbe): One-year First Class Mail subscription to DX Audio Service

**e-DXN.com**: To subscribe: Access the e-DXN web site <<http://e-dxn.com>> and then follow the indicated links to register: +\$5.00 if you're a

to USA, Canada addresses: U\$28.00; all other addresses: U\$40.00

Payment options for any item: check, money order, or credit card (via PayPal - access www.nrcdxas.org ONLY and follow the links), or cash

DXN or DXAS subscriber; \$15.00 to non-subscribers.

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

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

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

• DX Audio Service - Fred Vobbe, Publisher/Producer - 706 Mackenzie

National Radio Club.

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

Note: <u>all</u> checks and money orders should be made out to:

only at your risk.

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

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