

# DX News

*Serving DXers since 1933*



Volume 70, No. 7 - November 18, 2002 (ISSN 0737-1659)

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WLCR	KY	1470	Dec. 1	0300-0400
WILM	DE	1450	Dec. 15	0100-1230

*From the Publisher* ... Let's turn the front page over to Dick Truax this time around, for the compilation of the 2001-2002 National Radio Club Fiscal statement, inasmuch as I have little of interest or importance to report

Member Dues .....	\$16259.00
AM Log .....	9301.94
Antenna Book .....	456.00
Pattern Book .....	1953.80
New Member Book .....	100.00
Reprints .....	1268.59
Beverage Book .....	180.00
Loop Book .....	380.65
Audio Service .....	2475.00
Convention .....	1279.00
FM Atlas .....	125.96
Map Book .....	587.00
Miscellaneous .....	121.26
<b>Total Income</b> .....	<b>\$34488.20</b>

<u>Printing</u>	
Bulletin .....	12928.97
AM Log .....	7033.50
Antenna Book .....	252.36
Reprints .....	933.18
Administrative .....	864.88
Total .....	\$22017.89
<u>Postage</u>	
Bulletin .....	8162.11
Sales .....	1402.92
Administrative .....	869.88
Total .....	\$10053.12
<u>Administrative</u>	
Telephone .....	102.30
Info purchase .....	331.70
Supplies .....	442.06
Miscellaneous .....	1841.63
Convention .....	877.35
Total .....	\$3595.04
<b>Total Expenses</b> .....	<b>\$35666.05</b>

Income all sources .....	\$34488.20
<u>Bulletin/Publication Costs</u>	
Beginning Inventory .....	6041.36
Printing .....	22017.89
Postage .....	10053.12
Less ending inventory .....	-6878.69
Net Costs .....	\$31233.68
Profit or Loss .....	3254.42
Administrative Expense .....	-3595.04
<b>Net Loss</b> .....	<b>\$-340.52</b>

<u>Assets</u>	
Inventory .....	6878.69
Cash .....	4680.71
<b>Total</b> .....	<b>\$11559.40</b>
<u>Liabilities</u>	
Deferred Dues .....	-8812.20
<b>Net Worth</b> .....	<b>\$2747.20</b>

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
8.	Nov. 15	Nov. 25	15.	Jan. 10	Jan. 20
9.	Nov. 22	Dec. 2	16.	Jan. 17	Jan. 27
10.	Nov. 29	Dec. 9	17.	Jan. 24	Feb. 3
11.	Dec. 6	Dec. 16	18.	Jan. 31	Feb. 10
12.	Dec. 13	Dec. 23	19.	Feb. 7	Feb. 17
13.	Dec. 27	Jan. 6	20.	Feb. 14	Feb. 24
14.	Jan. 3	Jan. 13	21.	Feb. 21	Mar. 3

**DX Time Machine**  
**From the pages of DX News:**  
 50 years ago ... from the November 15, 1952 DXN: Ernie Cooper, Brooklyn, NY reported that he had completely verified the states of CT, RI, NJ, DE, and WV, while only one station was missing from ME, VT, NY, NH, and PA.  
 25 years ago ... from the November 21, 1977 DXN: Ernie Cooper, Provincetown, MA reported "... one more v1, from WMYR-1410, very friendly, hadn-written, #4,067."  
 10 years ago ... from the November 16, 1992 DXN: Ray Moore, Key Largo, FL, listed 4QD-1548 Emerald, Australia as a tentative as heard 10/21 from 1050-1127. He also listed TP carriers as being heard on the following frequencies: 1620, 1575, 1566, 1548, 1512, 1503, 1224, 1035, 1026, 1017, 1008, 846, 774, 756, and 738.

# AM Switch

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

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

## CALL LETTER CHANGES

	<i>Old call</i>		<i>New call</i>
810	*New	FL Orlovista	WEUS

## APPLICATIONS FOR NEW STATIONS

None



1201 18th Street, Suite 250  
 Denver, CO 80202  
 www.npradio.com

## GRANTS FOR NEW STATIONS

810 FL Orlovista: 1000/400 U4 (this has no connection with a separate application for 1120 kHz in Orlovista that has been pending since early 2000)

## APPLICATIONS FROM EXISTING FACILITIES

1150 KRMS MO Osage Beach: to 1160 kHz with 10000/17 (9000 CH) (amends application shown in Issue 6)  
 1320 KSCR OR Eugene: 600/28 U1

## GRANTS TO EXISTING FACILITIES

930 WHLM PA Bloomsburg: 1000/18 U1  
 1000 KXRB SD Sioux Falls: 10000/100 U4  
 1080 WWDR NC Murfreesboro: 930 D1  
 1110 WYBQ NY Warwick: 500 D1  
 1280 WFCY MI Alma: 1000/56 U1  
 1310 KMYX CA Taft: 1000/20 U1  
 1380 KRCM TX Beaumont: relocate transmitter  
 1380 KMUL TX Muleshoe: to 830 kHz with 50000/9 (14000 CH) U5, city of license to Farwell, TX  
 1470 WBFC KY Stanton: 850 D1  
 1480 KLVL TX Pasadena: 3000/500 U4  
 1580 KNIM MO Marysville: 500/7 U1, relocate transmitter

## OTHERNESS

620 WTRP GA LaGrange: SILENT  
 700 WGZS AL Dothan: SILENT  
 1090 WJKM TN Harstville: silent station is ON THE AIR  
 1480 WISL PA Shamokin: silent station to return November 2002  
 1490 WDWZ GA West Point: SILENT  
 1560 KWCO OK Chickasha: SILENT

## SOME INTERESTING STUFF

We thought you might enjoy this. KICA-980 Clovis, NM and KMUL-1380 Muleshoe, TX are owned by the same people. They are presently building improved facilities for both stations that have some unique features. KICA will increase to 50000/118 U5 and KMUL will move to Farwell, TX and leave 1380 kHz for 830 kHz with 50000/9 U5 (see Grants above). The New Mexico license will have a three-tower system in Texas while the Texas license will have a two-tower system in New Mexico. The non-directional night powers for both stations will share a common 170 foot tower at a third site in downtown Clovis. Even though Clovis and Farwell are fairly close we wonder how well the 9 watts at KMUL will cover the city of license from a distance of 12 miles. Construction on both will begin in 2003.

THANKS: Bill Hale, Ed Krejny, & Les Johnson

73 and Good DX, Jerry Starr & Buffalo K. Foonman

### *It may not be perfect ...*

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to

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

Thanks!

# Domestic DX Digest

West: Bill Hale w\_r\_hale@sbcglobal.net

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

East: Ginnie Lupi ginnie@nrcdxas.org

PO Box 4014, Clifton Park, New York 12065

(Division line is between East and Central time zones)



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

## DDXD-West

### MEDIUM WAVE RAMBLINGS

- After returning from a motoring excursion of the northwest, Tim writes: "This was an excellent trip for DX. Conditions were especially good at The Sea Ranch (wooden building, no TVs, fluorescent lights, or other noisemakers!), Bandon, Crater Lake, and Chester. Had several TP signals at The Sea Ranch, but wasn't able to identify most of them."
- According to the latest figures from the FCC, there are 4804 AM stations licensed in the US. Go get 'em!!
- A grand display of DX and tips await your eyes this week. "Thanks" to all who took time to report!
- Business calls me out of town for about a week, meaning DDXD-West will be missing from Issue 8, but we'll be back with more of the DX only you report in Issue Niner. See you then.

### REPORTERS

- RA-NV Rene Auvray transiting through the Mojave Desert Sony CFM-D1  
 RA-NV1 Rene Auvray Henderson Yacht Boy 400  
 FA-ID Frank Aden, N7SOK Boise <N7sok@aol.com>  
 SA-MB Shawn M. Axelrod Winnipeg Icom ICR-70 / Drake R8 / Icom R-7000 + 4 Foot unamplified box loop / Quantum Loop; 145' outdoor wire; 100' indoor wire / discone / MFJ 1026 <Saxelrod@mb.sympatico.ca>  
 GB-FL Gerry Bishop Niceville Drake R8 <gerryb4991@cox.net>  
 GB-FL\* Gerry Bishop Shalimar Sony ICF-2010  
 RD-NE Rick Dau Omaha Sony ICF-2010 + Quantum Loop antenna <rdau1965@yahoo.com>  
 TRH-CA/OR/NV Tim Hall on the road <tim\_hall\_dx@hotmail.com>  
 TRH-CA1 Carmel-by-the-Sea ICF-2010, KIWA Loop (same used at other locations)  
 TRH-CA2 The Sea Ranch  
 TRH-CA3 Crescent City  
 TRH-CA4 Burney  
 TRH-CA5 Chester  
 TRH-CA6 Mammoth Lakes  
 TRH-OR1 Bandon  
 TRH-OR2 Crater Lake Rim Village  
 GJ-CA Gary Jackson Sacramento  
 BK-CA Bob Karchevski Sunnyvale DX-398 barefoot <karchev@worldnet.att.net>  
 EL-IL Eric Loy Champaign <  
 JJR-WI John J. Rieger South Milwaukee Ford Taurus radio or Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp <johnrieger@webtv.net>  
 JTR-OK John Reed Shawnee Sylvania R1414/URR + SE-3, NRD-525/ESKA, modified KIWA MW loop <jreed@alum.mit.edu>  
 DS-TN Doug Smith Pleasant View  
 BW-OK Bruce Winkelman, AA5CO Tulsa R8, Quantum Phaser, 2-130 foot wires <bdwink@cox.net>  
 JW-CO John Wilkins Wheat Ridge Drake R-8, 4-foot box loop <peakbagger3@juno.com>  
 Ed.-TX Editor North Richland Hills

### STATION NEWS & NOTES

- 890 KLFF CA Arroyo Grande - 11/2 - Has signed on with REL talk // 89.3 FM. (100000watts.com) [The latest CP status I have from the FCC on them says U2 5000/289. The nighttime lobe is pointed 246%, which should cover their CoL quite nicely - Ed.]

**KACH**  
 1340-CACHE VALLEY OLDIES  
 1133 East Glendale Road  
 Preston, Idaho 83261

4  
 950 (KTBR) OR Roseburg - 10/13 1735 - Station was off the air when we drove through Roseburg. We passed by the studio (a converted house at the east end of town on highway 138) and no one appeared to be home. (TRH-OR)

950 KKLK TX Denison - Another format change, this time to brokered ethnic as Desi Zone // KXEZ-FM 92.1. Ex: talk. (100000watts dot com)

1009.78 KTNZ TX Amarillo - 11/5 2301 - Out of Tejaño tune with legal ID: ... KTNZ 1010 *Amarillo toca pura musica perroña* and then more music. They are really enamored of this frequency, opting to operate here for four straight years now. "We don't need no stinkin' rules!!" (JW-CO)

1050 KRMV TX Killen - Goes gospel as 1050 *The Light*. Ex: regional Mexican. (100000watts dot com)

1070 (KRAM) OR West Klamath - Still silent when we drove through on 10/15. (TRH-OR)

1090 KNCR CA Fortuna - Now Spanish: *La fiesta, lo mejor en la costa del norte*. (TRH-OR)

1230 KDAC CA Ft. Bragg - Now Spanish AC *La Maquina Musical* // KLLK-1250 and KUKI-1400. All three stations ID together on the hour, with two men taking turns shouting each letter of the three call signs. (TRH-OR)

1250 KKHK KS Kansas City - 11/4 1903 - Finally IDed this pest for a call change, ex: KWSJ. Legal ID at 1903 as 1250 AM KKHK *Kansas City, Kansas* in EE, then a SS version, followed by a Latino concert ad, music, and *La Super X* slogans. Good on peaks, mixing with KHIL. (JW-CO)

1310 (KFVR) CA Crescent City - Still silent when we were in town 10/9 through 10/11. FM is on the air. (TRH-CA3)

1410 KNTX TX Bowie - 11/5 1953 - C&W music, spots, news. Legal ID at 1959 by twangy guy: *The time is now 7 o'clock and you're listening to KNTX AM 1410 ... for the Bowie, Nocona, Buffalo Springs, and ...*. Generally poor, but enough for a new one, Texas #162. They are listed as D1 with an Application for 154 Watts night. Apparently they got the CP and are on the air already. (JW-CO)

1439.7 KPUR TX Amarillo - 11/5 2225 - ESPN programming, breaking for Amarillo ads and messing up 1440. Apparently they have the same engineer as KTNZ. (JW-CO)

1450/1460 (KMCA) CA Burney/Shasta - This wayward station was not noted while we were in the Burney area on 10/15 and 10/16. (TRH-CA4)

1480 KHCK TX Dallas - 10/30 1759 - Political ad: *DeWurst for Lieutenant Governor* [who won, thank goodness - Ed.], another spot, then legal ID in EE at 1801 following a screamed *Yabba Dabba Doo: KHCK Dallas, KHCK-FM Denton*. Latino tunes followed. Fair. Ex: KDXX. (JW-CO)

1500 WPJX IL Zion - 11/1 - Changed to oldies, with some standards. Ex: Radio Disney. (Radio/DX Information from Wisconsin)

1520 (WHOW) IL Clinton - 11/3 - Is OFF THE AIR according to Illinois Airwaves message board. They've been teetering on the brink of collapse for some time, incurring FCC fines, power and phone cut-offs. The last straw was reportedly when an employee was injured by shock in a routine transmitter check. (EL-IL)

1590 WJQY TN Springfield - Now these calls, and is now religious adcon // WJOI-FM 94.3 and WDXN-540 Clarksville. Slogan: *Joy 540* (DS-TN)

1670 KSUL CA Moreno Valley - Reported to be testing. (Radio/DX Info from Wisconsin)

UNIDs and UNID HELP

820 UNID ?? - 11/1 2155 - *Happy Together* by the Turtles and *Suzy Q* by Creedence Clearwater Revival. Unable to hear announcer due to KGO-810 QRM, although none from KPLS-830. (RA-CA)

1330 UNID ?? - 10/30 2132 - Big fade up over WMLT and WYRD with an ad for ... *the Oreck Factory Outlet at ? 1-35 and Haywood Road?* That's how it sounded, but an internet search and hunt through the Rand-McNally couldn't produce such an intersection. Faded out just as quickly. Any help? (GB-FL\*)

1340 UNID ?? - 10/7 1035 - Station relaying morning program of WKQX Q-101 Chicago. (TRH-CA1)

1600 UNID ?? - 10/6 2309 - Sounded like *The oldies station, 1600 KBEN*. (TRH-CA1)

DX AND EQUIPMENT TESTS

540 KSRK+ CA Carmel Valley - 10/7 0832 - Test tones over XESURE. (TRH-CA1)

5  
 1170 WDFB+ KY Junction City - 11/02 0000 - Poor signal, under KJOC, with Code IDs at 0000, 0007 and 0012. New for me. (SA-MB)

1170 WDBF+ KY Junction City - 11/2 0000-0030 - CIDs galore, at 0000, 0011, and 0025. *Amazing Grace* loud and clear at 0003. No voice ID copied, sadly, but outstanding signal on the peaks. Interference from Oklahoma. (GB-FL)

1170 WDFB- KY Junction City - 11/2 0000-0100 - Nothing heard that sounded like a test. (FA-ID)

1170 WDFB- KY Junction City - 11/2 0000-0100 - Not heard. No sign of them at all. Just a Spanish station weakly. (GJ-CA)

1240 KNRY CA Monterey - 10/6 2155 - Running OC all evening. Back on the air the next morning. (TRH-CA1)

TIS & OTHER STUFF

530 TIS CA Klamath National Forest - 10/12 2223 - You're listening to a test broadcast operating on 530 kHz AM from the Klamath National Forest. Exact location unknown. (TRH-OR1)

1610 KOJ778 AZ Page (Glen Canyon NRA) - 10/17 0145 - What would a vacation be without a visit from the pest of the southwest? Strong with tape loop about the Carl Hayden Visitor Center and Wahweap Marina. (TRH-CA5)

1610 WPNQ481 CA Coleville - 10/15 0048 - Mono County TIS AVIS - *Antelope Valley Information Station* gets out very well to the north. Message includes library hours and information about joining the volunteer fire department. There is only one station, in Coleville. Delete the listing for a sister station in Bridgeport (confirmed with station personnel). (TRH-OR2)

1610 KNEC996 CA Lee Vining - 10/17 1930 - Lee Vining station is now operated by CalTrans. Message very similar to the other KNEC996 station somewhere on the west side of Yosemite, but inserting a message about the YARTS regional transit system and deleting any references to Sonora Pass road conditions. (TRH-CA)

1610 KNEC996 CA Yosemite area - 10/12 0528 - CalTrans HAR on the west side of Yosemite is getting out very well. *You're listening to the Yosemite Area travelers network. Welcome to the Yosemite region. Sonora Pass is open. Tioga Pass is open. This message will be updated as conditions change.* (TRH-OR1)

1610 HAR NV Sparks? - 10/16 0210 - Nevada DoT HAR station testing, promoting new phone number 1-877-NV-ROADS and www.nvroads.com. Announcer was a bit mumbly, but he definitely seemed to be saying the station was in Sparks, not Carson City. There is indeed a station in Carson City, but we noted it running // 530 Lake Tahoe when we drove through Carson City a few days later, with very detailed traffic information (also mentioning the phone number and web site though). (TRH-CA4)

1610 TIS OR Tillamook State Forest - 10/11 2349 - This was the only Oregon *Forest Talk* station we heard on this trip, but it got out very well. Long tape loop with many different messages of interest to motorists on Oregon Highway 6. Mentioned offices in Tillamook and Forest Grove. (TRH-OR1)

1610 KOJ761 UT Zion NP (Virgin-La Verkin) - 10/16 0254 - Station getting out like gangbusters with message for travelers heading east on Utah Highway 9. (TRH-CA4)

1610 WPKY673 WA George - 10/12 0603 - "Agfarmation" station (which I would call the pest of the Northwest if they didn't have such kicky programming) is still getting out well with farm info and a nice full ID (except for call letters which they got wrong!). (TRH-OR1)

1610 WPKV296 WA Toppenish - 10/12 0915 - City TIS getting out well with local historical notes and tourist info. (TRH-OR1)

1610 UNID ?? - 10/15 0052 - Another station with female announcer under WPNQ481 and KNEC996. Tape loop mentioned *Colorado* and ... *long winding road*. ... which sounds a lot like Mesa Verde NP's message the last time I heard it. (TRH-OR2)

1610 UNID ?? - 10/15 0110 - ID sounded like WPMD44. Missed it on tape. (TRH-OR2)

1610 UNID ?? - 10/16 0200 - Station with mentions of a shuttle, a visitor center, and Mile Marker 12. Thought I heard an ID that sounded like WNNT624, but missed catching it on tape. (TRH-CA4)





1240 KCVL WA Colville - 10/13 0740 - Faded up nicely for ID. Surprised to hear them here on the coast. (TRH-OR1)

1250 WGL IN Fort Wayne - 10/25 2249 - Good with promo for G. Gordon Liddy on *Fort Wayne's Talkradio 1250*, WGL. (RD-NE)

1250 WRAY IN Princeton - 10/25 2230 - Fair, with Princeton Tigers vs. Pike Central Warriors high school football. (RD-NE)

1250 KIKC MT Forsyth - 10/19 0939 - Fair with weather: . . . *the forecast for southeast Montana calls for . . .*, then *Kicks* ID and into oldies. (RD-NE)

1250 WEMP WI Milwaukee - 10/19 0859 - Fair with ad, then brief WEMP, Milwaukee ID. (RD-NE)

1260 KZNI ID Idaho Falls - 10/29 0925 - *Duke and the Doctor* show in progress. SRN News and sports at BoH. In and out to 1000 legal ID as: . . . 690, 1260 KZNR *Blackfoot*, KZNI *Idaho Falls, United States of America*, then ABC News. Fair, mixing with KPOW. (JW-CO)

1270 WKZT KY Fulton - 10/29 1932 - Fair, with calls, over usual WKBF. (JJR-WI)

1280 KDKD MO Clinton - 10/15 0910 - Fair, with only KDKD ID heard. (RD-NE)

1300 KUBL CO Colorado Springs - 10/25 2253 - Atop with Restless Heart's The Bluest Eyes In Texas and Dolly Parton's Joshua sandwiched around this ID: You've got *The Bull*, AM 1300. The scuttlebutt on the internet sez this station will change in November to a light-hearted gossip format as KBZC *The Buzz*. I think I like 'em better the way they are now. (RD-NE)

1300 KBRL NE McCook - 10/25 1956 - Fair, with a KBRL ID. (RD-NE)

1310 KMBS LA West Monroe - 10/12 2124 - Good, with Louisiana State University football / / KTIB-640 and WWL-870. Heard again on 10/19 with LSU football and an ad mentioning Monroe. Station is not on the 2002 LSU Sports Network list. (RD-NE)

1330 WMLT GA Dublin - 10/30 2030 - Gospel music, a Barnes for governor ad at 2054, ID at 2130 as Georgia's (??) music station, WMLT, fighting WYRD. (GB-FL\*)

1330 WYRD SC Greenville - 10/30 2040 - 60s pop (Monkees, 5th Dimension), ID for WORD Spartanburg-WYRD Greenville at 2100, to ABC News. (GB-FL\*)

1340 KTMM CO Grand Junction - 10/18 0358 - ID caught on tape mixing with KGLW, KXEQ. (TRH-CA6)

1340 KTSN NV Elko - 10/12 0028 - High school football, mentioning next week's game would be on sister station KRJC-FM. (TRH-OR1)

1360 WKAT FL North Miami - 11/5 2329 - After two days of chasing the orchestral music station on 1360, still no ID, but a full ad for Lorraine Travel in Coral Gables at this time. Matches new format as reported in DDXD-E two months back. Dominant, but IDs are scarce. Not logged here in over 10 years. Signs of a good season, perhaps. (GB-FL)

1360 KNGN NE McCook - 10/14 1029 - Fair, with 1360 KNGN ID and weather between programs *Truths That Transform* and *Focus On The Family*. (RD-NE)

1400 KBDB NV Sparks - 10/10 2207 - Fair with promo for *When Radio Was . . . on KBDB Sparks-Reno-Northern Nevada*. Station is still trying to define itself. Format is a mix of C&W, BBD, and civic/government talk (*Nevada Matters*). (TRH-CA3)

1400 KEDO WA Longview - 10/9 2353 - Fair with local want ad listings. (TRH-CA3)

1400 CIOR BC Princeton - 10/12 0606 - Fair with *Easy Rock* slogans. Station IDs not later included with AM 1240, AM 1400, and FM 102.9 stations. (TRH-OR1)

1440 KTNO TX Denton - 10/28 1931 - EE ID: *This is KTNO Denton-Dallas-Fort Worth, 1440 AM*, then SS ID and *Radio Vida* slogan and into REL music. Fair. (JW-CO)

1450 KFSD CA Escondido - 10/8 2159 - *San Diego's classical choice*, KFSD. (TRH-CA2)

1450 KTIP CA Porterville - 10/13 2345 - Fair-to-good, mixing with KVML with local ads, ID. Gets out well these days, also noted from Bandon the night before. (TRH-OR2)

1450 KVSI ID Montpelier - 10/16 0844 - Good with L-O-N-G ad for local Peterson's Jubilee supermarket in Montpelier. This is a good small-town station that gets out well. (TRH-CA4)

1450 KYLS MO Fredericktown - 10/23 2259 - Fair, with Crazy Elephant oldie *Gimme Gimme Good Lovin'*, then legal ID: KYLS . . . *Fredericktown . . . The Fox*. (RD-NE)

1450 KSNY TX Snyder - 10/28 1909 - Announcer says . . . *Gold (?) KSNY*, then faded. Enough for a new one: Texas #161. (JW-CO)

1450 KONP WA Port Angeles - 10/12 1059 - Fair with . . . *News Radio 1450*, KONP, *Port Angeles* into ABC News. (TRH-OR1)

1480 KQAM KS Wichita - 10/14 2127 - Fair, with Radio Disney programming. (RD-NE)

1490 KKAN KS Phillipsburg - 10/30 1829 - Community Calendar to 1835, then dual ID for KKAN-AM and KQAM-FM and into a song by Lee Ann Womack. Fair in KCFC null. (JW-CO)

1490 KWOK WA Hoquiam - 10/17 0000 - *The voice of the Seattle Seahawks, Sports Radio 14-90, KWOK Hoquiam-Aberdeen* into Sporting News Radio. (TRH-CA5)

1490 KLOG WA Kelso - 10/9 1047 - Good with local ads. (TRH-CA2)

1490 KYNR WA Toppenish - 10/17 2354 - Fair, mixing with KCID-ID with chanting in Yakima language, *Yakima Nation Radio*, KYNR. (TRH-CA5)

1500 KSTP MN St. Paul - 11/4 2352 - On an auroral night (figure that out) with ads for First Horizon at 800-600-4400, Geicos Moby Dick ad, ONDCP [whatever the heck that is??? - Ed.] PSA, Selective Service PSA, First amendment ad where you can get a pamphlet, and *www dot AM1500 dot com* and into *The Drudge Report*. This was just part of a seven minute ad run. Only a real DXer would stick through this to get an ID. (KR-AZ)

1510 KCTE MO Independence - 10/25 1032 - Good, with ad for Lucas Liquor Superstore at 119th & Metcalf, then one for a jewelry store in Lees Summit. (RD-NE)

1520 KRHW MO Sikeston - 10/30 0759 - Good, with legal ID: *Tell a friend about . . . Solid Gospel 1520, KRHW, Sikeston*. (RD-NE)

1540 WSMI IL Leitchfield - 10/25 1012 - Good, under KXEL, with the *WSMI Trading Post* in progress. (RD-NE)

1540 KLLC KS Parsons - 10/31 0917 - Fair, in KXEL null, with ad for Chubby Carrier & the Bayou Swamp Band show on November 2nd in Parsons. (RD-NE)

1550 WBSC SC Bennettsville - 10/29 1931 - Poor, over others, with promo . . . *news three times a day on WBSC!* (JJR-WI)

1560 WNWN MI Portage - 10/30 0658 - Fair with WNWN, *Portage* ID and Kalamazoo-area news stories. (RD-NE)

1560 WCNW OH Fairfield - 10/31 0643 - Good with ID: *Christian Music Radio*, WCNW, then into a southern gospel song. Heard while trying for WAGL. (RD-NE)

1570 WBGZ IL Alton - 10/25 2119 - Fair with high school football game, Z-1570 ID, and ad for business with locations in Alton and Jerseyville. (RD-NE)

1570 KYCR MN Golden Valley - 10/13 1900 - Fair with KYCR . . . *St. Paul* ID heard. (RD-NE)

1580 WHLY IN South Bend - 10/31 0559 - Fair, with Petula Clark song *Sign Of The Times*, then ID: *Great songs, great memories . . . Radio Hollywood*, 1580 WHLY, *South Bend*. (RD-NE)

1600 WKKX WV Wheeling - 10/27 0555 - Fair, with many local ads. (JJR-WI)

1680 WTIR FL Winter Garden - 10/27 1924 - Fair, in fade up over WJNZ, with *Traffic on the 4's*. (JJR-WI)

#### GRAVEYARD DX UPDATE

None this week, but remember all the GY DX records are on line at: [www.angelfire.com/tx2/phantom2/index.html](http://www.angelfire.com/tx2/phantom2/index.html)

#### DDXD-E

##### REPORTERS

DB-PA Dan Bellesfield, Allentown - Icom R-75, 72' Longwire, Radio Shack Loop

MKB-ON Mike Keval Brooker, Toronto - Panasonics RF-2200; RFB-45.

SC-IN Steve Chappell, McCordsville - Bearcat DX-1000; 3 terminated loops.

SC-ON Saul Chernos, Burnt River - Realistic TRF655 and Sangean ATS909 with RadioShack loop.

EC-ON Eric Conchie, Tweed - Sangean CCRadio, Select-A-Tenna and 100' ENE long wire.

BC-N Bruce Conti, Nashua - R8B, MWDX-5, 50/75/50-ft east/west Double-Ewe antenna.

PC-VA Perry Crabill, Winchester - Drake R8, Kiwa Loop, 100' wire.

JF-ON Jeff Falconer, Clinton - AOR AR-7030+, pair of 130' EWE antennas, Quantum phaser, etc.

DH-NJ Dave Hochfelder, New Brunswick - Sony ICF-2010 with Quantum Loop.

DL-MD Dave Larrabee, Columbia - Icom 8500 on random wire or loop.

GL-NY Ginnie Lupi, Clifton Park - DX-398 and Select-A-Tenna.

JW-PA Jim Weber, Lancaster - Car radio.

#### ROSSELL RADIO, INC.

KINF 1020 KMOU 104.7 KSPX 100.5 KBCQ 97.1  
P.O. Box 670 • Roswell, NM 88202-0670

DX TEST

1170 **WDFB KY** **Junction City** - 11/2 0000 - no tones, music, or code IDs heard, only a low growl under WWVA's almost un-nullable Truckin' Bozo. Finally gave up at 0100. (MKB-ON)

+ 11/2 0000 - good at times on IRCA DX Test mixing with KJOC/WWVA with Morse Code IDs, Christian music. New! (JF-ON)

+ 11/02 0000-Test came through in fine fashion especially Morse Code. Several Christian songs heard most notably "Amazing Grace". Female gave voice announcements. Tape made and sent to station. New. (RCP-IN)

+ 11/2 0002 - Very weak morse code under WWVA-WV and presumed KJOC-1A (sports). (SC-ON)

## PRESUMED AND UNID

1350 **WGPLp VA** **Portsmouth** - 11/2 1814 - "Your Gospel Connection." (SC-ON)

1390 **UNID** - 11/2 1802 - "Joy 1390" and gospel music. (SC-ON)

## STATION LOGGINGS

550 **WDEV VT** **Waterbury** - 11/1 2328 - Calls, "FM 9-.1, AM 550, Barre" mentioned, promo for "Hell or High water." (SC-ON)

600 **WICC CT** **Bridgeport** - 11/4 1715 - Fred Ebert talk show, phone number 800-922-6060; "WICC traffic specialist" reporting I-95 traffic. Lots of fading with loud hum. New at this location. (GL-NY)

620 **WSNR NJ** **Newark** - 11/4 1719 - "it's the number one sports handicapping show... on 620 WSNR" popped out and then immediately faded back into mush. (GL-NY)

630 **WJAW WV** **St. Marys** - 11/2 0206 - Out of ABC News: "From WMOA and WJAW, here's your National Weather Service Forecast." (SC-IN)

640 **WFNC NC** **Fayetteville** - 11/4 1723 - election talk on Sean Hannity talk show, mixing with Disney teenybopper stuff in the background. WFNC singing ID followed by "WFNC news... WFNC newstime 5:30" and ad slamming Erskin Bowles. (GL-NY)

+ 11/5 1940 - Election coverage "...News Talk Radio WFNC..." (DB-PA)

680 **WCAW WV** **Charleston** - 11/5 1950 - Commercials, "WCAW, Charleston's classic country station...", also "Classic Country 680" jingle. (DB-PA)

730 **WWSC SC** **Charleston** - 11/2 0547 - "WSC" w/ talk briefly over XEX and WLIL-TN. (SC-ON)

770 **WLWL NC** **Rockingham** - 11/02- 1744 - Gospel song heard with a hip hop beat followed by station ID, great signal, first time heard this season. (RCP-IN)

780 **WBBM IL** **Chicago** - 11/3 2026 - Traffic Report, weather report, PSA "Operation Graduation." Time check and ID "Newsradio 780 WBBM time 7:30" by announcer Deborah Dale. (EC-ON)

790 **WLSV NY** **Wellsville** - 11/3 0730 - "Real country 790 AM WLSV" and location. (SC-ON)

830 **KOTC MO** **Kennett** - 10/30 2030 - good over WCCO with C&W music, "Cotton Country" slogan. On late! (JF-ON)

860 **WTZX TN** **Sparta** - 10/31 2200 - Very weak: "Your radio station for good time oldies WTZX Sparta, the oldies station AM 860." (SC-IN)

910 **WABI ME** **Bangor** - 11/1 0708 - alone on frequency with local weather: "here's the WABI weather update" and news on election ballot initiative to allow casino gambling in Maine. (MKB-ON)

**WAVL PA** **Apollo** - 11/4 1750 - "...at the end of our broadcast day...WAVL... join us tomorrow morning." (GL-NY)

920 **WVOH GA** **Hazelhurst** - 11/2 1812 - Male voice said: "this is real country WVOH 93.5". Followed by country song "Baby I Tried". Briefly heard, new. (RCP-IN)

950 **WROL MA** **Boston** - 11/1 0716 - creaming WWJ with ID: "broadcasting on AM 950, this is Radio for Life, WROL Boston" into gospel song. (MKB-ON)

960 **WILT PA** **Mount Pocono** - 11/8 1707 - "Monroe County's... WVPO... stay tuned to Monroe County's..." Weather report, "mid-60s tomorrow". WILT broadcasts // WVPO-840. Thanks to Russ Edmunds for help with this ID! (GL-NY)

970 **WATH OH** **Athens** - 11/2 1820 - Male voice said "Listen to ?? weekday mornings 5 AM

on 970 WATH". Very poor signal in mess. (RCP-IN)

990 **WNOX TN** **Knoxville** - 10/24 2200 - "...on News Talk nine ninety, WNOX" "nine ninety WNOX Knoxville" News on the hour. Copied in USB due to a weak signal and adjacent channel interference from 980 kHz. (DL-MD)

1020 **KDKA PA** **Pittsburgh** - 11/3 2006 - ID "Pittsburgh's Information source, Newstalk 1020 KDKA." Fair-good signal. (EC-ON)

1030 **WBZ MA** **Boston** - 11/3 2005 - ad for Massachusetts Daily Lottery, "WBZ Accu-weather forecast", ID "WBZ NewsRadio 1030." Clear, almost local quality. (EC-ON)

1040 **WCHR NJ** **Flemington** - 11/8 1724 - religious program with male preacher, "thanks be to God, he gave us a victory through Jesus Christ." Sales pitch at the end of the program for bible study material on cassette, call 800-488-1888; Philadelphia snail mail address for contributions. Appeal to send Christmas cards to students in Afghanistan. Weather "forecast for the Delaware Valley" and news. Faded out and then back in to "WCHR - every listener is someone special." (GL-NY)

1060 **KYW PA** **Philadelphia** - 11/3 2004 - News, ID "KYW Newstime 8:04" by woman newscaster. Good signal with some splatter from presumed WEVD which was fighting it out with semi-local CHUM. (EC-ON)

1080 **WKGX NC** **Lenoir** - 11/2 0631 - WKGX Saturday morning bluegrass special, local ads. (SC-ON)

**WTIC CT** **Hartford** - 11/3 2004 - News; ID "WTIC Newstime 8:04". Clear. (EC-ON)

1090 **CKKW ON** **Kitchener** - 11/3 1954 - song "Baby, I Need Your Lovin" by Johnny Rivers, ID "Oldies 1090 CKKW, into "Surfin' USA" by the Beach Boys. Weak signal under and mixing with WBAL. (EC-ON)

**WBAL MD** **Baltimore** - 11/3 1954 - PSA for election November 5, ads for lawyers' office, Suzuki ad with list of Maryland Suzuki dealers, another ad, mention of ESPN sports then into "WBAL Baltimore News". Fair to good signal over and mixing with CKKW. (EC-ON)

1110 **WBT NC** **Charlotte** - 11/3 2020 - Ad for "Charlotte's morning news on WBT 1110", ads for NBC TV, TVLand and Goldfish crackers, ID "Newstalk 1110 WBT." (EC-ON)

1130 **WCLW NC** **Eden** - 11/3 0629 - Signing on with SSB by female vocalist, behind WBBR-NY. "... WCLW welcomes ... broadcasting day. Operating on 11-30 kilohertz with an output power of 1000 watts, we're committed to giving you the best in public help and music messages". (PC-VA)

**WBBR NY** **New York** - 11/3 1943 - last part of New York Rangers post-game show on MSG Radio Network, ads for Frank's Hot Sauce, New York Lottery, then spoken ID by male "WBBR New York - Bloomberg 11-30." (EC-ON)

1140 **WRVA VA** **Richmond** - 11/3 1936 - Dr. Dean Edell show, ads for Corbett Canyon Winery, Tyson Chicken, Dr.'s Night Guard and Nature Made Joint Action, then spoken ID by male "1140 WRVA Richmond." Signal varied from almost local to fair with considerable fading. (EC-ON)

1170 **KUGT MO** **Jackson** - 10/31 1826 - alone with contemporary Christian music, "The Light" slogan. This one really gets out for a 250 watt daytimer. (JF-ON)

1210 **WPHT PA** **Philadelphia** - 11/3 2012 - ads for Independence Blue Cross, Pepsi, into "Bobby Wallace Radio Show from Temple University" sports call in show discussing various conferences in college football, phone numbers given, ID "1210 WPHT." Clear signal. (EC-ON)

1250 **WEAE PA** **Pittsburgh** - 10/26 0700 - "WEAE" ID. (DL-MD)

**WYKM WV** **Rupert** - 10/26 0715 - "WYKM Rupert" in the clear for about 5 minutes, then back into the co-channel noise. (DL-MD)

**WARE MA** **Ware** - 10/26 0800 - "AM twelve fifty WARE" and into music. No news on the hour. Caught in the clear for 3 or 4 minutes on the hour. (DL-MD)

1260 **WCHV VA** **Charlottesville** - 11/2 1631 - "1260 WCHV" in mess. (SC-ON)

1270 **WKBF IL** **Rock Island** - 11/4 1938 - Fair: "Home for a new variety of the best music WKBF" into "Behind Closed Doors". (SC-IN)

1300 **WKCY VA** **Harrisonburg** - 11/2 1636 - "WKCY Harrisonburg, WKCI Greensboro," MRN network (racing), local ads. (SC-ON)

1320 **WJAS PA** **Pittsburgh** - 10/28 1920 - "Pittsburgh's original hits station, thirteen twenty, WJAS." (DL-MD)

1330 **WYSN PA** **Somerset** - 10/28 2000 - "News Talk thirteen thirty, WYSN, Somerset" "Fox

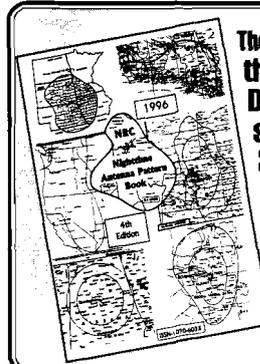


- Sports Radio" (DL-MD)
- 1350 WJSS MD Harve de Grace - 10/30 1700 - Lots of co-channel. Maryland Area Commuter news, "... on AM one thirteen thirty, WJSS, Harve de Grace." (DL-MD)
- KCAR TX Clarksville - 10/30 0100 - Very weak: "1350 KCAR Clarksville, the voice of Red River County." (SC-IN)
- KDIO MN Ortonville - 10/30 0305 - Very weak: "On 1350 KDIO" and remaining promo to weak to understand. (SC-IN)
- WBLT VA Bedford - 10/30 1800 - "Thirteen fifty AM, WBLT Bedford, Virginia." Difficult copy, sounded like a sports format. (DL-MD)
- WTOU OH Akron - 11/1 2355 - "All Sports all the time." "Fox Sports Radio." Several ads for Akron businesses. Heavy fading with unidentified GOS (WGPL?). (DL-MD)
- WJBD IL Salem - 11/3 0700 - Weak: "You always get the news first on WJBD AM Salem." (SC-IN)
- 1360 WKAT FL North Miami - 11/4 2200 - fair to good in a jumble. Carrying classical music, but no definite ID heard over several nights' listening. Format matches, and others on NRC email list have logged them. New. (DH-NJ)
- WWOW OH Conneaut - 11/4 2200 - fair to good at peaks. Carrying Monday Night Football and presumably on day facilities for game. Local ad for car dealership and call/city ID at top of hour. New. (DH-NJ)
- WDRC CT Hartford - 11/5 1833 - various mentions of "WDRC 1360" during break from talk show. (DB-PA)
- WNJC NJ Washington Township - 11/8 2144 - string of 1950s-era oldies sung by males, then DJ saying "...couple more before I go... tomorrow from 3 to 6... see ya later, 'gator... King Arthur show... commercial free on Sundays." More music, then DJ said "catch you tomorrow, baby, stay tuned for nitecap." Spoken audio was really bad, like he was broadcasting from his basement. One more song, then recorded slogan "...in the Delaware Valley... the new 1360." Internet search confirmed the King Arthur oldies show on WNJC. (GL-NY)
- 1370 WVLY WV Moundsville - 11/02 1715 - Faded up from co-channel just as: "thirteen seventy WVLY" was announced, followed at 1720 with "Talk Radio thirteen seventy WVLY" running a ball game, with the "Ohio News Network, ONN" underneath (WSPD?). At 1800: "WVLY, Moundsville, Wheeling." (DL-MD)
- WSPD OH Toledo - 11/02 1930 - Ball game in progress, "...on News Talk Radio, WSPD thirteen seventy." WSPD is dominant at this time. (DL-MD)
- WTAB NC Tabor City - 11/5 1843 - Election commercials, "WTAB Radio 1370 News...Cumberland County election returns..." (DB-PA)
- 1390 WRSC PA State College - 11/1 2110 - Calls, live sports, regional references. (SC-ON)
- WKLP WV Keyser - 11/02 2005 - "The Music of Your Life... WKLP AM thirteen ninety" with heavy co-channel. (DL-MD)
- 1400 WSTC CT Stamford - 11/7 1654 - Fair; weather with temperatures for Stamford and Norwalk, traffic report, and "The WSTC/WNLK Afternoon News," over WICK with WLLH nulled out. (BC-NH)
- WHMP MA Northampton - 11/7 1400 - ID as "The Pioneer Valley's news radio" and CBS news, with local *La Mega* WLLH nulled out. (BC-NH)
- 1410 WHLN KY Harlan - 11/5 2111 - Just caught the legal announcement prior to sign-off "WHLN Harlan", followed by the National Anthem. (DB-PA)
- 1450 WCTC NJ New Brunswick - 11/1 2000 - Fair; "...News/Talk 1450 WCTC New Brunswick USA" and Piscataway high school football play-by-play. (BC-NH)
- 1520 KRHW MO Sikeston - 11/2 0640 - "Solid gospel AM 1520 KRHW," gospel talk and music, and James Dobson promo clear atop WWKB-NY. (SC-ON)
- 1530 WMBT PA Shenandoah - 11/1 1910 - Good; Blue Devils high school football play-by-play in the first quarter, on late with 250 CH power, in WSAI null. (BC-NH)
- WSAI OH Cincinnati - 11/3 1930 - ID by male "This is Evening at the Pops on 1530 WSAI." Good signal with some fading. (EC-ON)
- 1540 KXEL IA Waterloo - 11/5 2100 - ID "News Talk 1540 KXEL" popped out of the mud, then lost after the ID. (DB-PA)
- 1550 WVAB VA Virginia Beach - 11/1 1755 - Fair; "...throughout the day, WVAB," and CNN Headline News, top of the hour ID, "Hampton Roads' non-stop news station, AM 1550 WVAB Virginia Beach, Norfolk, and all of Hampton Roads."

- (BC-NH)
- CBE ON Windsor - 11/5 2104 - Weather, followed by ID "This is 1550, CBE Radio 1 in Windsor" (DB-PA)
- 1580 WILA VA Danville - 11/03 1759 - Pretty decent sign off information right after I wheeled out of Lancaster Brewing Co. Call sign, power info (1000 watts daytime), frequency; couldn't write anything down due to being a responsible motorist. (JW-PA)
- WZKY NC Albemarle - 11/6 1900 and 11/7 0600 - I never logged these guys before and they were coming in well, occasionally very well. They were doing Oldies with regular IDs. They came in well on the Ford car radio at 1900 and on the Sony 5800 at 2200 and early the following morning. Still in well on the drive to work. Nighttime power listed as 12 watts but I didn't believe it. A call to the station revealed that there was an equipment failure and they were probably pushing about 800 watts through the night. Sometimes you get lucky. (JW-PA)
- 1620 WTAW TX College Station - 10/31 2259 - "Eighty years old but young enough to give it a try; since 1922, WTAW, College Station ...", then into CBS News. First Texan here in quite a while; was trying for WDHP-VI. (PC-VA)
- 1690 WPTX MD Lexington Park - 11/3 1925 - CNN Headline News, PSA for Volunteer Council, ID "Newstalk 1690 WPTX Lexington Park, Maryland." Fair to good with some fading. (EC-ON)

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# International DX Digest

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

## Transatlantic DX

- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott NOV 6 0116-0120 - Loud and clear in peak with discussion between two men in Arabic parallel to 4845 kHz. On late undoubtedly for Ramadan holy month which began this date. [DeLorenzo-MA] See *International News*.
- 1521 **SAUDI ARABIA** *BSKSA* Duba NOV 2 2218-2230 - Loud and clear with apparent religious story in Arabic with frequent music bridges of flute and piano. No problem from domestics on 1520. [DeLorenzo-MA]

## Pan-American DX

- 560 **MEXICO** *XEGIK* Monclova, Coahuila NOV 5 0720 - With slogan Acereira and Mexican adult contemporary music. In a mess but got ID, slogan and music under it all. Primera vez. #670. [Redding-AZ]
- 630 **MEXICO** *XEFB* Monterrey NOV 4 0350 - Way atop KSJL etc. most of the time with romantica music, frequent mentions of program name "Noche de Amor" and "Romantica seisenta y tres (63)" slogan. Full ID at 0400 didn't seem to mention location, but did mention "mas romantica... mas noticias..." and "fútbol," and "Grupo Radio México." Also said, "transmite vivo para Ud." meaning what? They have live jocks instead of automation? ("We transmit live for you" is how I translate that.) The last *IRCA Mexican Log* makes no mention of romantica (or any other kind of music) in their format. Went to "La Hora Nacional" feed at 0400. John Callarman had noted their use of the "Grupo Radio Mexico" slogan during his recent Rio Grande Valley/Brownsville visit. [Stewart-MO]
- 640 **MEXICO** *XEHHI* *R.Uno*, Hidalgo del Parral NOV 2 0608 - Blasting in with powerhouse signal in null of KFI with ranchera and norteño music and frequent "Radio Uno, La Numero Uno" IDs. [Griffith-CO]
- 780 **BRITISH VIRGIN ISLANDS** *ZBVI* Road Town, Tortola NOV 2 2232-2241 - Alone on channel with local weather forecast, soca music, Caribbean dance music. "Stay tuned to Zed BVI Radio for the latest tropical weather update." [DeLorenzo-MA]
- 870 **CUBA** *R.Reloj*, Sancti Spiritus NOV 1 0835 - Minute markers and RR code IDs, through WMTW/WHCU mix. [Conti-NH]
- 930 **CUBA** *R.Reloj* NOV 1 0915 - Minute markers and RR code IDs through WBEN/WGIN. [Conti-NH]
- 940 **MEXICO** *XEQ* *Enamorada 940*, México NOV 1 0925 - Good; romantic vocals, *Enamorada 940* IDs by a woman in a soft voice, over *R.Reloj* Cuba. [Conti-NH]
- 940 **MEXICO** *XEYJ* Nuevo Rosita, Coahuila NOV 4 0500 - Coming out of "La Hora Nacional" with slogan "Solo, Lo Mejor, Nueve Quarenta" playing Mexican adult contemporary and then ID at 0507, "Equis Ehh Ye Hota." These guys were on 950 but moved recently. Primera vez. [Redding-AZ]
- 960 **CUBA** *R.Reloj*, Guantánamo NOV 1 0935 - Good; man with news items, syncopated clock, minute markers, RR code IDs, over WELI. [Conti-NH]
- 1390 **MEXICO** *XEKT* Tecate, BCN NOV 4 0445 - Playing nice slow ballads sung by a tenor. Total fade by 0450. [Redding-AZ]
- 1540 **MEXICO** *XEHOS* Hermosillo, Sonora NOV 4 0459 - With a smokin' huge signal playing ranchera and using slogan *La Poderosa*. [Redding-AZ]

## Informe Mexicana por John Callarman

Results of a "research trip" to the Rio Grande Valley of Texas Friday October 25 through Sunday October 27.

Stations heard between 1611 and 2110 OCT 25 were taped off car radio rolling south on US 77 between Victoria and Brownsville, Texas. Stations between 2308 OCT 25 and 2130 OCT 26 were taped in Brownsville, either on the car radio or on a DX-398 in the motel room. Stations noted on OCT 27 were recorded on the car radio on US 83 between Brownsville and Del Rio, Texas. Times of reception mark times I taped the stations. Some comments refer to observations on these stations made at other times.

Note there are a number of new slogans, or at least slogans not previously listed or reported, and there is a clarification of what has happened in Ciudad Allende, Coahuila, regarding XEVD-1380 or 1050. I suspect the company first moved XEVD to 1050, as heard in February by several DXers, but then determined to put XEVUC, ex-1520, on 1050 and return XEVD to 1380.

Note Ciudad Acuña references on 650 and 1600, no station heard on either frequency. On 800 on Sunday, October 27, XEZR in Zaragoza, Coahuila, was not heard, unless it was briefly distorted signal during late afternoon. It was not on 850, either. But on Monday morning, driving near Junction, Texas, there were three Mexican signals fighting for dominance on 800. One of them made much mention of Zaragoza during a news block, but I could not pull out an ID as I pulled farther away from Zaragoza.

I wanted to find a Coahuila station on 1130 that might have matched my unidentified signal heard in Krum last year, but found nothing here except the religious Spanish speaker in Edna, Texas. Dunno if there's a station in the south end of Coahuila or if the tape I made earlier may have been from a station located somewhere else. It was a different slogan from normal 1130 catch, the station in Toluca.

Several other stations easily heard in the Valley are not listed below, because I did not have time to tape every signal available. 540 XEW relay, 580 XEMU, 610 XEBX, 690 XERG, 750 XETI, 770 XEACH (Radio Fórmula), 830 XEIK, 990 XET, 1050 XEG, 1080 weak Radio Fórmula likely XEKK, 1140 XEMR, 1190 XECT, 1280 XEAW, 1370 XEMON (Radio Fórmula), XEQI-1510, XENU-1550 and XERF-1570 were noted but not taped, and there are several others I suspect I could have found if I'd looked for them. (Have to save something for another trip.)

The main reasons for compiling this survey are to find changes not covered by existing lists, to provide possible clues that may help someone who hears a tiny piece of programming among the QRM on these frequencies and to have a bit of personal fun listening to stations I enjoy hearing.

- 560 **MEXICO** *XEGIK* *Acereira*, Monclova, COAH OCT 27 1757-1806 (off and on) - Taped a couple of *Acereira* slogans amid the music here, but this was one I didn't have time to search for TOH ID.
- 570 **MEXICO** *XEJB* Monterrey, NL OCT 25 2045-2102 - Audio logo heard after each song consists of very quick sung call letters "XEBJB" followed by accordion theme consisting of first eight bars of "Beer Barrel Polka." "La Estación del Barrito" and "Grupo Radio Alegría" mentioned only in full top-of-the-hour ID, which also said schedule was 5 a.m. to midnight rather than listed 24 hours.
- 590 **MEXICO** *XEFD* *La Consentida*, Rio Bravo TAMS OCT 25 1927+ I didn't spend much time with this station since it's often heard in Krum. In addition to the *Consentida* slogan, in a promo, it indicated it uses "Noti-Gape" information programming.
- 600 **MEXICO** *XEMN* *La Regiomontaña*, Monterrey NL OCT 27 1730-1800 - Taped audio logo at 1730 while on road 48 miles south of Laredo, Texas. At 1759, taped promos and full ID with heavy production, lots of different sounds, ending with "Grupo Radio México." This is not the strongest Monterrey signal, and is subject to sideband QRM from XEFD-590 on east side of the valley and XEBX-610 in the west.
- 620 **MEXICO** *XEGH* *Bonita*, Reynosa TAMS OCT 25 1623+ Bonita is the correct word for the old-style Mexican music this station plays. It is very strong throughout the Rio Grande Valle, though it announces only mil watts during its TOH ID.
- 630 **MEXICO** *XEFB* *La FB*, Monterrey NL OCT 27 1602 - Full ID taped at the Starr-Zapata County line, finally strong enough to overcome XEGH sidewash. Like XEMN-600, words "Grupo Radio México" end full ID. Uses simple "FB" audio logo between (or over) songs.
- 640 **MEXICO** *XETAM* *Fiesta Mexicana*, Cd. Victoria TAMS OCT 25 1937+ This one gives *Fiesta Mexicana* slogan often, with both FM (96.1) and AM frequencies, during music programming. I planned to get TOH ID tape on Sunday morning in Brownsville but it was one of very, very few stations doing church programming, and gave no call letter IDs between programs when I checked.
- 650 **MEXICO** Ciudad Acuña COAH OCT 27 - Only an open carrier heard on this frequency while in Del Rio on a Sunday. I wanted to clear up conflicting listings on 650 and 1600 here. No luck.
- 660 **MEXICO** *XEAR* Tampico TAMS / *XEFZ* Monterrey NL OCT 25 1716+ These two often reported stations vie for dominance during the daytime on this frequency in the valley. Close to the coast, *XEAR* *La Mexicana* with its traditional rancheras tops the channel; farther inland it's the "XEFZ Noti-Radio" news format that dominates.
- 730 **MEXICO** *XEPQ* *La Sabrosita*, Muzquiz COAH OCT 25 1859+ This station first heard somewhat weakly between Raymondville and Kingsville, Texas, but I didn't get there quickly enough to get TOH ID. All I have on tape is XHEC, Sabinas, Coahuila. On Sunday, OCT 27, there were many commercial strings and local lady announcer playing dedications, but I

- looked elsewhere for TOH IDs and did not hear call letters. *La Sabrosita*, as listed in *IRCA Mexican Log*, is the slogan this station uses.
- 780 **MEXICO** XESFT *La Triple T*, San Fernando TAMS OCT 25 1611+ Loud as far north as Victoria, Texas, and heard throughout the weekend throughout the Rio Grande Valley. One of the strongest signals in the Valley. No wonder it's heard so often at greater distances.
- 790 **MEXICO** XEFE *La Úvale* (?), Nuevo Laredo TAMS OCT 25 1713+ This station uses many production sounds, electronic zaps, lasers, explosions, in its audio logos and its TOH ID. I did not hear "Radio Fiesta" slogan at any time. I recorded the signal on the road between Refugio and Kingsville, Texas and, with TOH ID on tape there, I did not record this one later when I was in Laredo; so I'm not absolutely certain of "Úvale" name (I can't find that word in my Spanish-English dictionary).
- 800 **MEXICO** XEDD *La Doble D*, Montemorelos, NL OCT 26 1657-1730 - Very good signal in Brownsville from this suburban Monterrey station on a relatively new frequency, using this slogan between songs. Had full ID at 1730.
- 810 **MEXICO** XERI *La Rey 810 AM*, Reynosa TAMS OCT 26 0012+ This station uses several different voices, male and female, and mucho drums and electronic zaps between musical selections. Also drops in "Realmente Música" name from time to time. One full ID taped at 2201 OCT 26 was very heavily echoed and double-voiced, with "XERI" call letters imposed over other words, partly in English: "There's only one Ra-Ra-Radio station, Radio Rey, Radio Rey, broadcasting from Reynosa, Tamaulipas, Radio Rey." I had identified slogan as "La RI" when I pulled this through with mucho QRM in Krum, but local monitoring makes "La Rey" clear to my old ears.
- 830 **MEXICO** XELN *Super Llegadora*, Linares NL OCT 27 1510-1531 - Local DJ takes phone calls and makes dedications. Listener can hear him talk, but not the caller. Generous with *Super Llegadora* slogan, AM and FM, and local commercials.
- 860 **MEXICO** XETF *La Fiesta 860*, Tampico TAMS OCT 26 2206-2231 - First words after each selection of tropical music were "En La Fiesta Ochocientos Sesenta" followed by time check. At 2230 took broadcast from Mexico City updating Hurricane Kenna situation. QRM from Monterrey and San Antonio, but XETF got stronger the closer I got to Boca Chica Beach.
- 860 **MEXICO** XENL *R. Recuerdo*, Monterrey NL OCT 27 1624-1630 - Nice, Mexican standard pop music, generous slogan IDs "Radio Recuerdo, La Única de Monterrey, con lo major de la rondallas."
- 920 **MEXICO** XEMJ *La Coqueta*, Piedres Negras COAH OCT 27 2023-2100 (off and on) - During 1012 break, heard first mention of this new slogan *La Coqueta*, commercials, and CIRT mention; sexy-voiced girl whispers "La Coqueta" at 2045; station segues music often; commercial string at 2059 included promo for night program, "Noches Bohemias en XEMJ" fútbol promo, "La Coqueta" again mentioned during full ID.
- 930 **MEXICO** XEU *La U de Veracruz*, Veracruz VER OCT 26 1851 - Nice music on this station and slogan "La U de Veracruz, Novoscientos-Treinta, Amplitud Modulada" ID given often. It would be program quality in Brownsville if it were not for XERKS adjacent channel QRM, though it's quite a ways down the coast. Oddly, this station was dominant on the car radio about 1000 OCT 25 as I started the trip at Krum. The only Mexican I'd previously identified from Krum on this frequency was XEQS.
- 940 **MEXICO** XERKS *La Poderosa*, Reynosa, TAMS OCT 26 0357-0400+ This station is the Mexican equivalent of US contemporary Christian stations, with modern music with Christian themes. TOH ID includes "Transmitiendo un mensaje de Dios."
- 940 **MEXICO** XEYJ *YJ Mexicana*, Nueva Rosita COAH OCT 27 2213 - Taped slogan "Nueva Cuarenta AM, YJ Mexicana, esta es Radio Todo Exitos." Nueva Rosita, Zaragoza, Muzquiz and Sabinas are part of Piedras Negras market.
- 960 **MEXICO** XEK Nuevo Laredo TAM OCT 27 1725 - This station and several others in Tamaulipas carried a Sunday morning special event broadcast. I stopped to tape what must have been the official state anthem for Tamaulipas that began the political broadcast. This station is widely heard in the full valley, but I have taped full ID from Krum, so didn't stay long on 960.
- 970 **MEXICO** XEO *R. Gallito*, Matamoros TAMS OCT 25 1900+ This mostly music station, with lots of local commercial strings, retains the Gallito slogan. I did not hear a rooster crow, though, during the times I tuned across 970. I haven't been able to hear this one in KHVN null at Krum.
- 990 **MEXICO** XET *La T Grande*, Monterrey NL OCT 25 2308+ I would like to see this station's directional antenna pattern. While it puts a powerful signal into Krum before the night pattern change (or did until KCAF's return), it was not a strong signal in many parts of the Rio

- Grande Valley during the weekend I was there.
- 1000 **MEXICO** XENLT *R. Fórmula*, Nuevo Laredo TAM OCT 27 1708 - Radio Fórmula-970 ID heard on this one, identifying, at least, which network one can expect to hear on this station. I did not try to get a TOH ID on this one.
- 1010 **MEXICO** XEKD *La K de Oro*, Ciudad Acuña, COAH OCT 27 2123-2303 - Strong signal from Nuevo Laredo on into Ciudad Acuña, has talky male DJ with lots of dedications and talks on telephone to listeners, who do not get on the air. Strong enough to make me believe it was more than listed 500 watts. At 2303 full ID, said "Mil watts." Interchangeably used "La K de Oro" or "XEKD" calls between songs.
- 1050 **MEXICO** XEVUC *La Super Estación, mil cincuenta AM*, Allende, COAH OCT 27 2138-2200 - Is definitely the station here. The call letters are almost lost in heavily produced full ID at 2159, but *La Super Estación* slogan is generously used. The music is more subdued than XEG's ranchera and, of course, easily distinguishable from XEQOO's disco-type sounds. XEVUC, formerly on 1520, is owned by same company that has XEVD-1380, that had been identified on this frequency as "La Viva" and "La Vida." Wonder why this station, which announces "diez mil watts" during full ID, was allowed to move here and cut into what must have been part of XEG's coverage area? See 1380.
- 1090 **MEXICO** XEWL *Fiesta Mexicana*, Nuevo Laredo TAM OCT 27 1735-1740+ Heard with commercial string, then began what appeared to be lead-in commentary from "Radiorama Deportes" for play-by-play of soccer game between Guadalajara and Veracruz. Earlier, farther east, this station and Monterrey's XEAU QRM'd each other. Both have been taped in Krum.
- 1110 **MEXICO** XEQQ *Noti-Gape 1110*, Rio Bravo TAMS OCT 26 - Taped good commercial string and full ID. Audio Logo is "Noti-Gape Once Diez."
- 1170 **MEXICO** XERT *Once-Setenta AM, La Gigante*, Reynosa TAMS OCT 25 1655+ This station uses a lot of Radio Fórmula feeds, but continues *La Gigante* slogan. It also continues well beyond listed afternoon sign-off time. I did not get a TOH ID on tape for this one. At 1930 OCT 26, there was a full ID here, but it was for XEDF-1500, a Radio Fórmula key station.
- 1260 **MEXICO** XER R. Linares, Linares NL OCT 27 1536-1605 (tuning back and forth between this one and XEXD-1350) - On this Sunday morning, a couple of men discussed historical topics that seemed to include music and religion, with some early 20th century music dropped in. At 1557, after a couple of PSAs, had dance-band sounding jingle with time check over, then singers: "Radio Linares." Then came a musical theme and at 1600, without ID, began a two-voice newscast called *Noti-Oro*; "Multimedios Estrellas de Oro, comunicaciones total, presentó Noti-Oro." At 1605 had full ID, including address of studios and offices on Carretera Nacional kilómetro 256.3, Linares, Nuevo León, Mexico."
- 1310 **MEXICO** XEAM *La M Grande*, Matamoros TAMS OCT 26 0100-0105 - Audio logo heard often consisted of singing jingle "XEAM, La M Grande."
- 1320 **MEXICO** XECPN *La Mexicana*, Piedras Negras COAH OCT 27 2019-2100 (off and on) - New slogan, no longer listed *La Poderosa*. "La Mexicana, La Mexicana" is sung to the tune of the old Mexican classic, "Guadalajara, Guadalajara," just as XEUR-1530 Mexico City does. Full ID taped at 2100.
- 1340 **MEXICO** XEMT *Mágia 1340*, Matamoros, TAMS OCT 26 1747-1808 - Segues smooth jazz and romantic music, occasionally dropping in singing ID "Mágia Trece Catorce," and occasional live announcer will also drop this new slogan in. TOH ID does not use the "Mágia" slogan, but sings at the beginning and end of detailed ID, "Grupo Promo Sat" (that spelling from printed ad, but it sounds like "Somo Zhay") and gives frequency as "mil trescientos cuarenta kilohertz," different from the construction used in the audio logo.
- 1340 **MEXICO** XEBK *El Sistema Combo XEBK*, Nuevo Laredo, TAMS OCT 27 1900+ Taped call letter ID; and taped commercial string at 1916. Did not hear listed "La Tremenda" slogan. Will this be heard outside its local area?
- 1340 **MEXICO** XEDH Ciudad Acuña COAH OCT 27 2236-2300 - While XEKD-1010 has gabby male DJ and ranchera/norteña type music, this Acuña station has gabby female DJ and rock. Heavy production full ID at 2300, but there's so much noise, the words and the call letters are almost lost even when heard locally. On a graveyard frequency, it would be very hard to pull this ID out.
- 1350 **MEXICO** XEZD *La Doña de la Frontera*, Camargo TAMS OCT 27 1535-1601 (tuning back and forth between this one and XER-1260) - The DJ sounded like a little girl, doing dedications, gabbing one-way on phone, giggling a lot, between records and commercials. At 1549, there was a unique jingle - a male singer with accordion and guitar accompaniment, folk-music style: "Anda la casa ven escuchar, esta estación tan popular. He es La Doña de la Frontera, La

- XEZD." At 1601, had sounds of rounds of bullets before and after deep-voiced, echoed "XEZD."
- 1370 **MEXICO** XEGNK *R.Mexicana*, Nuevo Laredo TAM OCT 27 1743-1749 - "Es Radio de Verdad, Radio Mexicana, Trece-Setenta," long commercial string, "Trece-Setenta, Radio Mexicana." Nice to get a good tape on this little station that squeezed through QRM in Krum at 0130 sign-off a few months ago.
- 1380 **MEXICO** XEVD *La VD*, Allende, COAH OCT 27 2303 - After taping XEVUC ID on 1050, I moved here and found "desde Allende, La Ve De, Ve De, La Ve De." This slogan clearly was not "La Vida." I'll have to come back to tape full ID some time, if I can't hear this one in Krum.
- 1390 **MEXICO** XEOR *Mix 1390*, Reynosa TAMS OCT 26 1900 - Taped full ID at TOH, heavy production sounds, including slogan "Mix Trece-Noventa." I had QSL'd this station nearly 40 years ago from the Panhandle, but in Krum, I hear the other Tamaulipas station on 1390.
- 1410 **MEXICO** XEAS *La Tamaulipeca*, Nueva Laredo TAMS OCT 27 between 1900 and 2000 - Taped several breaks, including full ID at 2000. Lots of "explosive" production sounds in audio logos, full IDs and commercials. This is a "Radio Rama" station.
- 1420 **MEXICO** XEEW *R.Fórmula W 1420*, Matamoros TAMS OCT 25 2201-2205 and various additional times during the weekend - Most of its programming during the times I listened consisted of Radio Fórmula-970 relays, but with local cut-ins at commercial breaks, identifying itself as "Radio Fórmula W 1420." One ID was heard for Radio Fórmula Cadena Nacional 970. I taped XEEW call letter IDs at TOH.
- 1430 **MEXICO** XEWD *Poder de la Radio*, Miguel Aleman, TAMS OCT 27 1923+ Promo and CL ID included some English, in an "electronic voice," with male announcers. EV: "Best music." Regular voice: "Mejor Música. XEWD Catorce Treinta." EV: "XEWD, Fourteen-Thirty AM." RV: "Con todo el Poder de la Radio." EV: "Power Radio." RV: "va contigo." This announcement had continual drumbeat in background. At 1500 on OCT 27, after listening to gabby female DJ, the TOH ID was given, amid many production noises, by two female voices, with call, city, telephone and fax numbers, and again, the phrase "Con Todo el Poder de la Radio." I did not hear anything that sounded like "La Grande" in either break.
- 1450 **MEXICO** XEVH *Imperativa 1450*, Matamoros TAMS OCT 25 2128-2133 - Audio logo contains new station name, sometimes given as "Radio Imperativa," sometimes simply as "Imperativa 1450." Oddly, while giving slogan, ID's frequency as "catorce cincuenta" but in full ID uses odd construction "mil cuatro cincuenta."
- 1470 **MEXICO** XEHI *La Reina de la Frontera*, Miguel Aleman TAMS OCT 27 1149-1458 - Gabby DJ and lots of commercials. Heard both "La Reina de la Frontera" and La Reina Catorce Setenta" slogans. Full ID taped at 1458. I spent a lot of time ID'ing this one from Krum a year or so ago.
- 1480 **MEXICO** XETKR *Rancherita y Regional*, Monterrey NL OCT 27 1149 - Audio logo, "Es TKR. (fanfare) Rancherita y Regional" between segued songs. The fanfare was a six-note tune to which we sang, when we were little kids ages ago, "You're a dirty robber."
- 1490 **MEXICO** XEMS *La MS, La Super Estación de Matamoros/R.Mexicana*, Matamoros TAMS OCT 25 2155-2201 - Uses *La MS*, etc. as audio logo during programming but at TOH full ID calls itself *R.Mexicana*.
- 1600 **MEXICO** Ciudad Acuña COAH OCT 27 - I wanted to clear up conflicting listings here and on 650 while in the valley, but on this Sunday, there was no signal whatsoever in Del Rio, Texas, across Rio Bravo from Ciudad Acuña. Don't know if this is a silent Sunday station or if it no longer exists.

## New! IRCA Mexican Log, 8th Edition, 2002

The IRCA MEXICAN LOG 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. In addition, stations that have changed frequency since 2001 are cross-referenced on the old frequency. 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. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three-hole punched for easy binding.

Prices: IRCA/NRC members - \$9.50 (US/Canada/Mexico/sea mail), \$10.50 (rest of the Americas airmail), \$11.00 (Europe/Asia airmail), \$11.50 (Australia/New Zealand airmail). Non-members: add \$2.50 to the above prices. Order your copy today, in US funds payable to Phil Bytheway, from  
**IRCA Bookstore - 9705 Mary Ave. NW - Seattle, WA 98117-2334**

John Callarman KA9SPA, Krum TX, on the road in the Rio Grande Valley; car radio, DX-398 barefoot.  
 <JohnCallarman@msn.com>

### The Rest of the Gang

Bruce Conti, Nashua NH; Drake R8B, MWDX-5 LC-tank phasing unit, 15-m vertical by 23-m horizontal Double Ewe antenna.  
 Marc DeLorenzo, Marstons Mills MA; JRC NRD-525, noise-reduced slopers, Mini DXP-3 phasing unit.  
 Patrick Griffith, Westminster CO; Drake R8 and Kiwa loop. <AM-DXer@webtv.net>  
 Kevin Redding, Mesa AZ; Chris Cuff AM Stereo modified Delco car radio and 60-ft wire, barefoot Sony ICF-2010. <amfmdx@fastq.com>  
 Randy Stewart, Battlefield MO; Yaesu FRG-100B, Quantum QX Pro. <jrs555t@smsu.edu>

### International News

RAMADAN: Ramadan 2002 approx. Nov 6th - Dec 7th, 2002, dependent on local astronomical observations. Good opportunity to hear stations in Muslim countries on extended schedules. [MWC e-mail news, NOV 1 ARC Info-Desk]

IRAQ: I noticed two transmitters from Iraq and they are both on exactly 1548 kHz. One carries the Main programme parallel 846 and 908.94 and the other one the 2nd programme parallel 756 kHz. The 2nd programme signs off at 2302v and the Main programme at 2312. [Mauno Ritola, NOV 1 ARC Info-Desk]

KUWAIT: *Radio Sawa* on 1548-Kuwait broadcasts basically different programme from 981-Cyprus and 1260-Rhodes, Greece. Only news is in parallel. Both formats are almost same. According to the Washington Post, Sep 22, 1548 seems to be heard in Iraq. [Oguma Hironao, NOV 1 ARC Info-Desk]

UNITED KINGDOM: BBC Radio Cambridgeshire, BBC Essex, BBC Radio Northampton, BBC Radio Suffolk, BBC Radio Norfolk and BBC Three Counties Radio now carry *The Night Shift* program from BBC East regional radio. Previously BBC Radio Five Live was relayed 0100-0500 UK local time. [MWC e-mail news, NOV 1 ARC Info-Desk]

73 and Good DX!

**Target DX** R. J. Edmunds  
 753 Valley Rd. wb2bjh@nrcdxas.org  
 Blue Bell, PA 19422-2052  
*DX'ing 'smart', with shared tips and requests by NRC members*

I have a number of different items this time, some taken from letters received last Spring, and for which I apologize for the delay in getting them into print, and some others direct from the NRC listserv. I want to emphasize here at the start that the contents of the answers provided below are a composite of various replies also presented on the listserv. Some are my own responses, but many are not.

Q - In last April's column discussing portable batteries, you mentioned one which was available from a firm called Waeco, in Germany. Can you provide a mailing address? I am also looking for more readily-available substitutes in the US, with the intent of operating a Drake R8A or an Icom R71 and a Kiwa loop from beaches or parks for someone who doesn't have a car.

A - The US address/phone is as follows: WAECO Adler/Barbour, Inc., 8 Heritage Park Road, Clinton, CT 06413; phone: 1 860 664 4911; fax: 1 860 664 4912

The first thought is that 8 D cells make 12 V. You can buy some high current NiMH ones - 9000 ma, yes 9 AMPS. One source for NiMH rechargeable AA batteries is Times2Tech, 105 Maple St., Maylene, AL 35114 USA; Phone: 800-239-2032, or 205-620-1408; e-mail: mack@times2tech.com; Web: www.times2tech.com. They hold a huge charge, and they don't drain out while unused the way most NiMH batteries do. RadioPlus also sells a battery pack for use with the Quantum Loop, Phaser, etc. It holds 8 D-cells and is fitted with two leads that fit the loops and phaser.

But the Drake R8B is a power hog, and requires a good-size battery for any long-term DXing of more than a few hours. A Sears DieHard deep cycle marine gel cell battery, which will provide enough power for a solid three nights of DXing with the Drake, is one choice. Another option is a DieHard wheelchair battery, which may not last as long with a Drake, but it's about half the size and weight of a full-size battery. Any Sears Auto Center should have a wide selection of batteries to choose from in the showroom. Or you could also use a small marine or motorcycle battery.

Keep in mind that the Drake receiver should be disconnected from the battery to conserve power when not in use, because it draws 0.5 amps when off. The R71 manual doesn't mention the current draw when running off of an external DC supply. Off of AC, it draws 30W max - mine draws 21W. Assuming 70% efficiency for the AC supply (assuming a linear supply), you could expect 15 to 20W or approximately 1.25 to 1.7 Amps.

Unfortunately, most of these solutions are cumbersome physically in terms of size and weight, which may make them impractical for someone without a vehicle.

Q - I know that this might sound like a pretty basic question, but is there usually some point out from a transmitter where the ground wave signal peters out, but is before the "first bounce" of the skywave signal?

A - For most stations, there is an area of reliable daytime groundwave coverage, and a smaller area of nighttime groundwave coverage, even though the station has a larger overall combined coverage area at night. Outside of the nighttime groundwave area is another area where there is a combination of both groundwave and skywave. Still further, the signal becomes all skywave. During the daytime, the skywave component of a station's signal is much smaller at most points within its coverage than at night. Since there is a significant area where there are both skywave and groundwave present at night, there really aren't any firm boundaries.

Where these areas fall depends on several factors such as power, antenna pattern, ground conductivity, antenna type, frequency, and time of year. Thus the answer is different for different stations. Even a station as close as less than 50 miles can be received via skywave at night.

Q - Why is the nighttime groundwave coverage area smaller? Do signals propagate along the ground better during the day than at night? Or is the nighttime groundwave area of reliability smaller because of increased skywave interference from other stations?

A - The latter. Even if given same power, omnidirectional day and night on a clear channel with nothing else there, the nighttime groundwave signal would be reduced by the station's own skywave signal.

Q - Meaning the station's skywave signal will cause interference to its own groundwave signal?

A - Essentially, that can happen. Let's say you had WABC coming in at midnight, and conditions weren't auroral, and there were no other signals on channel. If you hear some instability in the signal, that could be the result of multipath, where groundwave and skywave are both being heard. This was common in North Jersey with then-WQXR, even at about 40 miles back when I lived there. Other times the signal may be solid and steady, yet there could still be components of both which you might not notice.

In Gordon Nelson's original loop construction article he describes being able to use the altazimuth feature to null the daytime groundwave signal component of a local down to the point where the predominant audible signal was in fact skywave reflection ( well within the primary groundwave contour ).

Q - No air core loop that I've been able to buy or build (yet) can produce nulls as deep as those common on ferrite loop antennas.

A - Something's not right here. Many years ago, I performed a series of tests between my 'NRC' 4' altazimuth loop ( built per the plans in the NRC antenna manual and still in existence ) and the then-state-of-the-art Worcester Space Magnet SM-2 ferrite rod antenna and found just the opposite to be true. I'm not aware of any similarly sized ferrite-rod loops ( 8 - 9 " rod length or less ) which will outperform a 4' air core loop in this regard.

Q - While I haven't tested a spiral loop side-by-side with a box loop, I think the spiral loop nulls are both deeper and sharper. The most useful nulls, however, are obtained when you use an air core loop to "spoil" the pattern of the ferrite core loop or when you use a phasing unit like the Quantum phaser. Often it's not the depth or sharpness of the null that's important; it's the "shape" and direction of the null(s).

A - I also conducted parallel tests between a 2' spiral ( pancake ) loop ( unamplified ) and my 2' box loop. Although the results weren't completely conclusive, I found that more often than not the box loop provided deeper and sharper nulls. However when a broader null is wanted, the spiral loop was the preference. With the spiral design, the nulls are blunted, and unsymmetrical. I believe this is because the loop cannot be center-tapped to properly balance it. The two sides of the winding are unequal. It is this balancing, and the use of a split-stator tuning cap that allows over 60 dB nulls on a 4-foot pre-amplified box loop. In Gordon Nelson's article on loop pattern distortion, he states that be-

cause of the ratio of width to face of the winding, a spiral loop should produce broader nulls and sharper peaks. He also states that in box loops, spacing of the turns is often critical - closer is better.

Q - I have two elevated longwires, one, about 250' long and end-fed; the other of equal length but off-center 'T-fed'. One runs N - S, the other E - W. Would termination of these provide any significant benefits?

A - From a reception performance standpoint, I believe not. I've not aware of any strong evidence that termination of above-ground antennas of this length or shorter gain much in terms of directivity or signal strength. Termination can be critical in longer wires, and even shorter ones used in counterpoise to longer wires, but otherwise it may not be worth the effort, although if someone else has experience to the contrary I'll be happy to include it in a future column.

Q - Does grounding/termination of above-ground wires increase the likelihood of attracting lightning?

A - The answer depends on the height, surrounding trees or structure, and how the wires are suspended. Lightning will seek the easiest path to ground, which usually translates into seeking the closest, highest clear path. Thus, a wire hung between and within trees should be a lower risk comparatively as opposed to an antenna strung from a metal mast atop a building. Similarly, a wire high up in the highest trees in the area is more likely to be struck than the lower wire amidst a number of trees.

Please remember to keep sending me your questions or your suggestions for future topic-oriented columns to me either via the NRCDXAS listserv, by off-line email or by regular mail! I'd like to acknowledge the many members who provided material for the answers in this column: Powell Way, Rick Kenneally, Chuck Hutton, Bruce Conti, Rick Kunath, Harry Helms & Gerry Thomas.

Professional

**Sports  
Networks**

**Barry S. Finkel** bsfinkel@ANL.gov

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*Network listings for team sports stations*

Here is more National Hockey League (NHL) information. The Philadelphia Flyers flagship is 610 WIP-PA (per David A. Gardiner). Here is one NHL network list.

**Toronto Maple Leafs 2002/03** -Dennis Bejek, Joe Bowman, Jim Ralph  
(from pocket schedule via Mike Brooker)

570	CKGL-ON	960	CFFX-ON	1070	CHOK-ON
640	CFYI-ON *	980	CFPL-ON	1350	CKDO-ON
900	CHML-ON		CKRU-ON		

As for the National Football League (NFL), Doug Smith reports that 103.3 WKDF-TN is indeed the new flagship for the Tennessee Titans. Doug also reports that 97.5 WZZP-KY on the Titans' network is in Kentucky, not Tennessee as I had listed it.

Here is 2002/2003 National Basketball Association (NBA) flagship information from the "NBA Guide" and the Internet via Ken Onyschuk. Also included is the size of the network "(nm)", if known. Please send me any network lists you may have. I have received from some people pointers to network lists on the NBA.com web site. That site specifically has a "do not copy" warning, and I have not yet had the time to determine if this warning applies to the network lists.

Atlanta Hawks	750	WSB-GA	Steve Holman (23)
Boston Celtics	1510	WZZN-MA	Sean Grande, Cedric Maxwell
Chicago Bulls	1000	WMVP-IL	Neil Funk, John Paxson (21)
Cleveland Cavaliers	1100	WTAM-OH	Joe Tait
Dallas Mavericks	103.3	KESN-TX (EE)	Mark Followill, Brad Davis
	1270	KESS-TX (SS)	Edgar Lopez
Denver Nuggets	950	KKFN-CO	Jerry Schemmel
Detroit Pistons	1130	WDFN-MI	George Blaha, Mark Champion, John Long
Golden State Warriors	1050	KTCT-CA	Tim Roye
Houston Rockets	610	KILT-TX	Gene Pederson, Jim Foley
	980	KRTX-TX	Adrian Chavarria

22 Indiana Pacers	1070 WIBC-IN	Mark Boyle, Bob Leonard (23)
Los Angeles Clippers	1150 KXTA-CA	Ralph Lawler, Michael Smith
Los Angeles Lakers	570 KLAC-CA (EE)	Paul Sunderland, Stu Lantz
Memphis Grizzlies	1330 KWKW-CA (SS)	Fernando Gonzalez, Jose Mantilla
Miami Heat	560 WHBQ-TN	Don Poier, Sean Tuohy
Milwaukee Bucks	610 WIOD-FL (EE)	Mike Inglis (3)
Minnesota Timberwolves	830 WACC-FL (SS)	Jose Paneda
New Jersey Nets	620 WTMJ-WI	Ted Davis, Dennis Krause (home games only)
New Orleans Hornets	1130 KFAN-MN	Chad Hartmann, Jim Peterson
New York Knickerbockers	710 WOR-NY	Chris Carrino, Kelly Tripuka
Orlando Magic	94.3 WTIJ-LA	Bob Licht, Jerry Villaincourt
Philadelphia 76ers	690 WTIJ-LA	(conflict w/Tulane U. sports)
Phoenix Suns	660 WFAN-NY (EE)	Mike Breen, Gus Johnson, John Andariese
Portland Trail Blazers	1280 WADO-NY (SS)	Alfredo Bejar, Juan Cains
Sacramento Kings	580 WDBO-FL (EE)	Dennis Neumann, Jeff Turner
San Antonio Spurs	1220 WOTS-FL (SS)	Joey Colon (2)
Seattle Supersonics	610 WIP-PA	Tom McGinnis
Totonto Raptors	620 KTAR-AZ	Al Mcloy, Eddie Johnson
Utah Jazz	1400 KSUN-AZ (SS)	Freddy Morales
Washington Wizards	750 KXL-OR	Brian Wheeler, Mike Rice (25)
	1140 KHTK-CA	Gary Garould, Jim Kozimor (6)
	1200 WOAI-TX (EE)	Bill Schoening
	1350 KCOR-TX (SS)	Paul Castro
	950 KJR-WA	Kevin Calabro, Bill McKinney
	590 CKCY-ON	Chuck Swirsky, Jack Armstrong
	1320 KFNZ-UT	Rod Hundley, Ron Boone
	980 WTEM-DC	Dave Johnson



# Geomagnetic Summary

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

High "A" values indicate possible auroral conditions

## Geomagnetic Summary October 14 2002 through November 4 2002

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

Tabulated from email status daily.

Date	Flux	A	K	SWT	Wx Forecast	Etc.
10/14	181	18	2	minor	minor	5
15	177	14	3	minor	minor	6
16	183	10	4	no storms	minor	10
17	179	11	3	no storms	minor	7
18	173	12	2	no storms	minor	6
19	180	12	3	no storms	minor	5
20	180	10	3	minor	minor	6
21	183	10	2	no storms	minor	2
22	169	10	1	minor	minor	6
23	164	11	2	no storms	minor	6
24	160	34	6	moderate	minor	9
25	173	36	2	moderate	minor	8
26	158	25	4	minor	minor	7
27	157	17	4	no storms	minor	7
28	158	16	2	minor	minor	7
29	162	14	3	minor	minor	6
30	168	17	3	minor	no storms	10
10/31	170	18	3	strong	minor	4
11/ 1	162	7	2	no storms	minor	5
2	165	22	3	minor	minor	8
3	169	23	3	minor	minor	7
11/ 4	177	18	3	no storms	minor	7

# Musings

## of the Members

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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.

**John Vervoort - 217-79 Street - Brooklyn, NY 11209-3607**  
 I really enjoyed JOHN CALLERMAN's MUSE of tower hunting. Although I don't know the exact locations of AM band transmitters, I have taken photos of the WCDC TV19 tower atop Mt. Graylock, MA in the autumn of '93. WCDC runs 100% parallel to WTEN-10 Albany, NY. WWF48, a NOAA Weather Radio station is also at the Mt. Grellock site. WCDC was put into operation in 1954 on Ch. 74 (UHF stations operating in the 50's were assigned to higher frequencies closer to 890mhz). Up until recently, WMTW-8 had one of the highest TV transmitting sites in the US with their antenna located atop Mt. Washington in NH at an HAAT of 3850 feet. Moving their antenna to their home state came with a price: the station now has to pump 316kw into the antenna instead of the former 105kw from their old site in order to compensate for the loss of height. Additional TV sites I know of include WRGB-6 and WTEN-10 located in the Helderberg Mountains near New Scotland and Voorheesville, NY, WFSB-44 is in Avon, CT at the US Route 44 & 202 junction. And to the best of my knowledge, WTNH-8 is on Tobys Rock mountain inside the Naugatuck State Forest near Rt. 8 in CT.

**Perry Crabill - 225 Milam Drive - Winchester, VA 22602 w3hqx@arrl.net**  
 For some time I've been meaning to MUSE more frequently, and I was shocked to find that I've only mused once so far this year, way back in February. I was pleased to see the number of muses in DXN No. 4, and hope that we have at least that many in each issue. I wonder; is it possible that DXer's Notebook siphons off material that otherwise might have been in Musings? One of my peeves about BCB DXing is the casual manner in which stations identify, or even don't bother. Some never give their AM call, and ID only with the call of their FM parallel outlet. Then there are the ones that give only a partial call, usually omitting the initial "K" or "W". One example of this is WWLG-1370, identifying as "The New WLW". Then there is the group of stations in Florida who all identify as WFLA. I first ran into this with WFLF-540 back in September and called the station manager about it. He told me that it was a "promotional ID" for several Florida stations with common ownership. There's only one "real" WFLA, and it's on 970 kHz. I'm thinking about asking the FCC about that, but haven't looked up the address of their Enforcement Bureau. Has anyone heard WTEL-1630 identify as such? When I check them at the TOH I hear "Talk Sports 16-30, WRDW". I haven't listened to WJNZ-1680 lately, but the only ID I've heard them give in the past was "16-80 Jams". How about the ethnic stations that never give an EE ID? On a different subject, how do the 50 kW daytime-only stations manage to stay in business? With all of that money invested in equipment, can they turn a profit without broadcasting during the lucrative evening hours? And speaking of power, how about those ridiculously low nighttime levels that some stations are supposed to use, such as WCKB-780 with 7000/1 U1? I wonder how many people are able to hear them after LSS, and what their advertising rate is for night programming. (The one I recently noted was WVPO-840 being relayed on WILT-960. WVPO is a strict daytimer, no night power authorization, but yet WVPO was being relayed well into the middle of the night by WILT, with WILT only being mentioned on the top of the hour, which made it legal-DWS)

NOTE: Comments appreciated on César's essay on AM DX'ing; comments can be sent to MUSINGS and we'll print them up in 2 issues from now!

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