

DX News

Serving DXers since 1933



Volume 69, No. 5 - November 5, 2001 (ISSN 0737-1659)

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CPC Test Calendar

WODI	VA	1230	Nov. 4	0100-????
WPRI268	MA	1620	Dec. 2	0000-0100

From the Publisher ... As the weather cools down, the DX heats up ... time to break out the popcorn and apple cider and leftover Hallowe'en candy, throw another log on the fire (if you're lucky enough to have a fireplace, anyway, hi), and settle down to a cozy evening of DX'ing!

I apologize to anyone who was misled, inconvenienced, and generally torqued by my mistake in publishing wrong (old) addresses in recent IDXD and DDXD headers. I wanted to clean up the old template I've been using to lay out DXN, as the old one was corrupted (electronically, that is), and somehow I managed to import the wrong headers. The ones in this issue should be correct.

A word of advice to all: If your locality has undergone an address change-over to "911" addresses, please send me your new address ASAP. I'm finding that those who continue to use old addresses are also having DXN delivery delayed or DXN's returned marked as "undeliverable". And if you're experiencing REALLY slow delivery times for DXN, please let me know.

The new, improved, Seventh Edition of the *IRCA Mexican Log* is now available; see p. 12 for more information.

ODXA takes over QSL duties ... The Ontario DX Association is now the QSL manager for CFRB-1010, CFRX-6070, and CHWO-740, in Toronto. Now, you can send in your reports via the Internet at www.odxa.on.ca, and under "Station Guide" you'll find an "Online Report" these stations. Just click on the site and fill in the information boxes. Also, you can send in your reports via e-mail: <<odxa@compuserve.com>>, or even via snail-mail: P. O. Box 161, Station A - Willowdale, Ontario, Canada M2N 5S8.

Listener comments may also be forwarded to Steve Kowch (Operations Manager) at

<<Steve.Kowch@cfrb.com>>; and to Gene Stevens (Programming Director) at <<smith0004@home.com>>.

Welcome to these new members ... Evan R. Newlon, Albuquerque, NM; and Brian Hamilton, Dollard-Des-Ormeaux, Québec.

DXN Publishing Schedule, Volume 69

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

DX Time Machine

From the pages of DX News:

50 years ago ... from the November 3, 1951 DXN: Bert Coyle, co-owner of KCRT, Trinidad, CO offered to sell the 250w. station for \$20,000 cash. Earning about \$1,800 net profit per month, he stated that "KCRT would pay for itself in a short time, and provide a lifetime income and secure investment."

25 years ago ... from the November 8, 1976 DXN: Applications were being accepted for a "Graveyard DX" editor ... 1555-Cayman Islands was definitely on and reported first by Charles Hafter, Chapel Hill, NC, on 10-28, and the next day by Richard Eckman, Philadelphia, PA, and on 10-31 by IDXD editor Chuck Hutton, Atlanta, who commented that Ron Schatz, in Florida, could hear "nothing but the Ecuadorian" when called and asked to check the frequency.

10 years ago ... from the November 4, 1991 DXN: Hartford's WTIC morning man, Bob Steele, retired after a career with WTIC that began in 1936 ... John R. Tow published an article describing modifications for the NRD-525.

AM Switch

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

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

CALL LETTER CHANGES

	<u>Old call</u>			<u>New call</u>
1050	WBNC	NC	Conway	WXMT
1240	WIBU	WI	Poynette	WHFA
1620	KAZP	NE	Bellevue	KOZN
✓1660	WMIB	FL	Marco Island	WODX

APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

1340 MEVeazie: 1000/650 U1
1400 MEVeazie: 1000/860 U1

(Yes, that's right; little Veazie, ME gets not one but TWO new local stations)

APPLICATIONS FROM EXISTING FACILITIES

1190 WIXE NC Monroe: 2500 (2000 CH) D1

GRANTS TO EXISTING FACILITIES

550 WASG AL Atmore: 25000/143 U1
550 WDDZ RI Pawtucket: 4000/3400 U4, relocate transmitter
690 KVOI AZ Tucson: 250/3 U1
1050 KGTO OK Tulsa: 1000/22 U1
1250 WHNZ FL Tampa: 25000/5900 U4
1360 WHBG VA Harrisonburg: 5000/9 U1
1420 WLET GA Toccoa: 5000/65 U1
1450 KCLX WA Colfax: 1000/900 U1

OTHERNESS

580 KTHO CA South Lake Tahoe: silent station is ON THE AIR and relaying KLOC-920
850 KOMA AK None: CP for 50000/10000 (50000CH) U10 is on
960 WHAK MI Rogers City: silent station is ON THE AIR
1000 WDJL AL Huntsville: station is SILENT
1100 KZKL NM Milan: CP for 5000/20 (2500 CH) U1 is on, ex-1130 kHz
1260 KSML TX Diboll: CP for 1800/72 U1 is on
1260 KLDS TX Falfurrias: station is SILENT
1370 WBYE AL Calera: silent station is ON THE AIR
1560 WGLB WI Elm Grove: CP for 185/250 U4 is on, ex-Port Washington, WI
1590 WOKX NC High Point: CP for 1400/14 U1 is on
1590 WMIM PA Mount Carmel: station is SILENT (again)
1600 WWRL NY New York: CP for 25000/5000 U4 is on

THANKS: Bill Hale, Ed Krejny, Wayne Heinen, Les Johnson, and MSJ.

After a week off to do our NASCAR thing (plus visits with NRC'ers Al Merriman and Dave Marthouse) we are back, and you are now caught up on everything.

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

NRC Publications Guide

Available online at <<<http://nrcdxas.org/articles/Pubguide/index.html>>>, the *Guide* is a must-study for editors or anyone wishing to publish an article in *DX News* or write a longer publication for sale via NRC Publications. Can't get online? Send an SASE (#10 envelope, please) to the Publisher (address on the back cover) and request the hard copy. Save yourself time and effort: study the Guide before submitting! We who publish will appreciate it.

920AM

Jerry & BKF

Domestic DX Digest

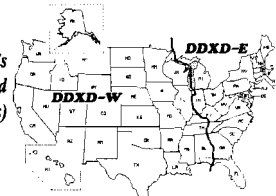
West: Bill Hale phantom2@eaze.net

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

East: Ginnie Lupi ginnie@nrcdxas.org

605 Walnut Dr. - Clifton Park, NY 12065-7310

(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

- ❑ You'll notice some items in the "Station News" section which I've gleaned from a couple of radio-related web sites. I'm thankful that these folks take the time to maintain web pages which center on a subject near and dear to our hearts. If you know of any web sites which relate the latest goings-on in the world of radio, pass them along. What's better than this, of course, is when you send in items of interest from your local area so the rest of the readers can benefit. Items of interest include : stations changing formats, new hours of operation, call letter changes, new addresses and/or phone numbers. Chances are pretty good, if you send it in, it'll appear here.
- ❑ Now that we're weekly, the deadlines are always Thursdays. Let's hear from YOU!

THE GOOD GUYS

EL-IL Eric Loy Champaign Drake R8 and Quantum QX <ecloy@netscape.net>
BM-SD Bill Moser Fort Pierre GE Superadio II with built-in antenna <wcmfort@dakota2k.net>
JJR-WI John Rieger South Milwaukee Icom IC-R75, Kiwa loop, MFJ-959B tuner/preamp or GE SR III, Terk AM1000 loop <johnrieger@webtv.net>
JTR-OK John Reed Ponca City Sylvania R1414/URR with 100' wire, homebrew ferrite loop, Quantum Phaser <jreed@ponca.net>
JS-MN John Sampson somewhere in Minnesota <jsampson@qwest.net>
MS-MB Morris Sorensen Winnipeg Drake R8 with Quantum QX Pro loop <SMosor@aol.com>
BW-OK Bruce Winkelman, AA5CO Tulsa R-8, Quantum Phaser, 2-50ft slopers <bdwink@home.com>
JW-CO John Wilkins Wheat Ridge Drake R-8, 4-phoot box loop <peakbagger3@juno.com>
Ed-TX Editor North Richland Hills

STATION NEWS & ODD NOTES

940 WIMZ FL Miami - Talker to reformat to sports as *Fox Sports 940*. (www.100000watts.com)
1260 WXCE WI Amery - Plans to drop its remaining oldies programming on Monday, October 29, in favor of an all-News/Talk/Sports format. The station already carries ESPN Radio in the evening and Art Bell overnight, and will add Sam Donaldson's new show at 10a and Sean Hannity from 2-5p. WXCE will rely on its locally-produced news presence from 6-10a, 11a-1p, and 5-6p. A local talk show from 1-2p also recently launched. (**Upper Midwest Broadcasting**)
980 CKCKp SK Regina - 10/15 2119 - Noted 980 and 620 simulcasting with C&W music, 6-20 CKRM slogans, indicating that the swap has been made. 980 good on peaks; 620 fair in QRM. (JW-CO)
1190 KMYL AZ Phoenix - Format to change to talk, with slogan *Talk 1190*. (www.100000watts.com)
1430 WMYS IN Indianapolis - Standards format to change to news/talk on 10/29, and calls are to be WXNT. (www.100000watts.com)
1570 KAKK MN Walker - 10/21 1200 and on - (Walker is about 60 miles from me and KAKK is a daytime regular here). Noted on this frequency with oldies; seems to have moved from 1600. Was QRMed on 1600 badly during the day by KWOM, Watertown. Didn't seem to have as much QRM on 1570 but will have to examine better as both KYCR and CKMW are (were?) fairly strong. Not enough time to pursue as packing to leave for Arizona. (JS-??)

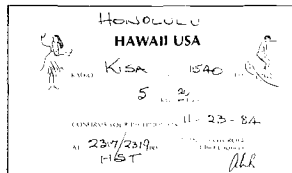
KIDO
AM 630
NEW TALK

UNIDs and UNID HELP

- 960 UNID ?? - 10/18 0827 - *The Team, News Sports Radio* bubbled up on top briefly. KZIM? (BW-OK)
- 990 UNID ?? - 10/19 1948-1952 - Mentions of *Southern Alabama* and *Alabama* occasionally on top. Both AL stations on 990 are in northern AL but presume it was either WEIS or WLDX. (BW-OK)
- 1010 UNID ?? - 10/17 0850 - Fire & brimstone sermon in SS, looped E-W under KSIR Faded down at ID time, of course; heard a minute later with XE tunes, past 0912, deteriorating. Still there, weakly, at 0930. (JW-CO)
- 1010 UNID ?? - 10/19 2225-2245 - Mixing with a couple of SS stations, occasionally on top with presumed high school football. One team was the *Eagles*, who were ahead 21-6, much too fadey to pull any other detail. (BW-OK)
- 1320 UNID ?? - 10/21 0718 - Poor, with *AM 1320, Your Hometown Radio Station* with live, local announcer, playing C&W, which faded out, of course. (JJR-WI)

MIDNIGHT TO MIDNIGHT ELT

- 680 KKYS TX **San Antonio - 10/16 2115** - C&W oldies with call ID. Weak in phase null of KFEQ. (JTR-OK)
- 700 KSEV TX **Tomball - 10/21 0800** - Poor, in WLW null, with a gardening show, ads, ID. NEW! 700 #7, and Texas #40. (JJR-WI)
- 710 WFNR VA **Blacksburg - 10/21 0600** - Fair, with station promo, Sporting News. (JJR-WI)
- 830 WCCO MN **Minneapolis - 10/17 1435** - Very weak; daytime DX reception. Only heard on loop antenna. (JTR-OK)
- 880 CKLQ MB **Brandon - 10/20 0747** - Fair, with WCBS nulled, with weather, Q Country mentions. C&W. (JJR-WI)
- 900 KFAL MO **Fulton - 10/18 2130** - Call ID and C&W music. Heard during fade-in. *Big 900 Classic Country*, then faded out. (JTR-OK)
- 940 WMAC GA **Macon - 10/20 2034** - Fair, but steady, with many *Macon* ads. Seldom heard at night. (JJR-WI)
- 940 KVSH NE **Valentine - 10/17 2252** - On top, with C&W music, fading into presumed XEQ at 2254, then mentions of Valentine in weather. 2258 into sign-off announcement 2259, *Heart City Radio* slogan, to Star Spangled Banner. Must have been using 5 kW day power. I can't recall the last time I've heard a sign-off announcement, much less the anthem! (BW-OK)
- 940 KXTK IA **Des Moines - 10/16 0853** - *The Big Ticket KXTK* slogan into sports talk. (BW-OK)
- 940 KTON TX **Belton - 10/16 0830** - In KVSH phase null mixing with KTFS, *Your source of news from a Christian perspective* to CL ID. Another new one here. (BW-OK)
- 940 KTFS TX **Texarkana - 10/16 0819** - In KVSH phase null w/CL ID to ads, many mentions of Arkansas and *Texarkana Radio*. *News Talk 940 KTFS* semi-ID 0832. New one here. (BW-OK)
- 960 CFAC AB **Calgary - 10/15 2200** - Booming in with sports results on *Team Canada Sports Radio Network*, and *The Team*. No top-o'-hour ID given. (JW-CO)
- 990 CBWp MN **Winnipeg - 10/19 0002** - Presumed, with CBC News, weather for southern Manitoba, classical music program *Northern Lights*. 0006 mixing w/XET. Do the Canadians ever ID with call letters? (BW-OK)
- 1010 WPGW NC **Black Mountain - 10/21 0732** - Poor, with weather, a dedication and southern gospel music. In, with two to three others including an unID with SSB. (JJR-WI)
- 1030 WQSE TN **White Bluff - 10/21 0638** - Fair, no WBZ. *Christian Radio Waverly-White Bluff*. (JJR-WI)
- 1030 KTWO WY **Casper - 10/20 2045** - Call ID and baseball game. Fair, in loop null of QRM. (JTR-OK)
- 1050 WTKA MI **Ann Arbor - 10/21 0600** - Fair, with ID and sports format in WLIP null. (JJR-WI)
- 1060 KDUS AZ **Tempe - 10/20 2100** - Sports news, call ID, then went to evening power and signal disappeared. New here. (JTR-OK)
- 1070 KNX CA **Los Angeles - 10/20 2110** - Call ID, traffic reports and political ads. Good signal in



- 1090 KXMA CO **Aurora - 10/21 0518** - Fair, with SS jingle: KXMA. No KAAY. (JJR-WI)
- 1090 KTGO ND **Tioga - 10/20 0740** - Fair, 20/9!, with calls and satellite C&W. (JJR-WI)
- 1120 KPNW OR **Eugene - 10/15 0909** - *News Radio 1120 KPNW* tags, weather, PSA, then gal with more news. Not new, but not all that common either. Presumed KZSJ weakly in background in lang [???-Ed.]. (JW-CO)
- 1120 KJSap TX **Mineral Wells - 10/23 0827** - NOS music, area weather at 0830 sponsored by local bookstore. In and out (mostly out) over next half hour, but improved by 0900, barely enough to hear *It's 8 O'clock and time for the JX [?] report broadcast live from the studios at 151 Fox Road in Weatherford . . .* Would be Texas #158. Tentative report sent. (JW-CO)
- 1130 CKWX BC **Vancouver - 10/17 2327** - Fair, in KFAN null, with financial news including Canadian and international stock market reports. ID as *Vancouver's only all news radio -News 1130* into ad for *Spectrum Mutual Funds*. (MS-MB)
- 1170 WMRH WI **Waupun - 10/18 2037** - Fair, in KJOC null, with high school football: *Waupun Warriors* vs. *Mayville Cardinals*. Must have stayed on late with day power for game. No sign of KVOO. (MS-MB)
- 1210 KGYN OK **Guymon - 10/21 0545** - Good at 40/9!, with calls, C&W and no WPHT. (JJR-WI)
- 1230 KFJB IA **Marshalltown - 10/15 2123** - Fair, with 1230 KFJB out of ads. Oldies. (JJR-WI)
- 1240 WMFG MN **Hibbing - 10/17 2000** - Fair, with spatter from CHSM-1250. Football game and local ads. ID: *You're listening to Blue Jackets Football on WMFG*. Game was Blue Jackets vs. Thief River Falls. (MS-MB)
- 1260 KOIT CA **San Francisco - 10/14 0858** - PSAs and program notes. ID at 0900: *You're listening to KOIT 96.5 FM, 1260 AM San Francisco - Oakland - San Jose*. KOIT and into EZL piano music. Fair. A rare visitor to these parts. (JW-CO)
- 1260 KWYR SD **Winner - 10/20 0729** - Fair at 20/9!, with live C&W and weather into ads. Not using ABC *Real Country* this hour. 1260 *Country*. (JJR-WI)
- 1260 KWYR SD **Winner - 10/21 0638** - Fair, with slight fades, with weather, ads, South Dakota PSA, and *Country 1260AM*. (JJR-WI)
- 1270 KFCC TX **Missouri City - 10/23 0126** - Very good at times, mixing with XERPL. Very vocal religious program with Houston mentions. New here. (EL-IL)
- 1329.7 KGAK NM **Gallup - 10/23 0931** - Noted with community announcements in Navajo. Nice chant/drum number at 0934. Had been right on 1330 until this date. Putting a loud het onto 1330. Also off-frequency the next day. (JW-CO)
- 1380 KHEY TX **EI Paso - 10/22 0857-0900** - Traffic report, *Sports Ticket* promo, ESPN Morning Show, and VID. Weak signal; tape too garbled to report reception. First time heard; auroral conditions. (BM-SD)
- 1390 KJPW MO **Waynesville - 10/23 1931-1932** - With male announcer giving detailed, severe weather warning into country music, then lost at power down. First time ever heard; reception reported. (BM-SD)
- 1450 KQYX MO **Joplin - 10/25 1959-2001** - Local ad, VID, network news on the hour. Fair signal on top of heap. 588 miles at 1000 watts. First time heard; reception reported. (BM-SD)
- 1450 KYNT SD **Yankton - 10/19 2300** - Fair, with *Local news on the hour here on KYNT Yankton*. (MS-MB)
- 1480 WYZE GA **Atlanta - 10/23 0245** - Fair-to-poor, with ads for local aid for military families. Mixing with WCIN. (EL-IL)
- 1480 KAUS MN **Austin - 10/19 2059** - Fair, with Austin mention, ID as *Radio 1480-KAUS-Austin* and promo for a program called *Pet Finder*. (MS-MB)
- 1480 WCIN OH **Cincinnati - 10/21 0534** - Very good, at 60/9!!!!, with old R&B and live local announcer! 1480 WCIN. (JJR-WI)
- 1540 KZMP TX **Fort Worth - 10/24 0430** - Very good, with SS music, ID as *Radio Tricolor . . . Mexicanissima* (sp). No KXEL at all! New here. (EL-IL)
- 1550 KKJY NM **Albuquerque - 10/22 0849-0854** - Old tune, ID of music played in last set, local ad. Good signal; reception reported. Auroral conditions eliminated usual KQXI. (BM-SD)
- 1620 KBLI ID **Blackfoot - 10/19 0857-0901** - Local ID at ToH between ESPN Sports talk. 600 miles with 1000 watts. E-mail verified by Chief Engineer Carl Watkins. (BM-SD)

- 6
- 1620 WHLY IN South Bend - 10/18 1954-1958 - VID between old tunes. 735 miles with 1000 watts. Heard before, but not enough info to report reception. (BM-SD)
- 1620 KZAP NE Bellevue - 10/18 0004 - Omaha's ESPN Radio-1620 semi-ID into local weather at 0006. (BW-OK)
- 1700 KBGG IA Des Moines - 10/17 0000 - All News AM 1700 KBGG ID into sports talk. (BW-OK)

DDXD-East

This is my last column as DDXD-East editor. Many thanks are due to all of you who read the column and to all who have submitted loggings, address updates, UNID help and station news. When I accepted the editorship I told Paul Swearingen that there were many NRC members who knew a heck of a lot more about DXing than I. But through editing the column and reading your many great letters and e-mails I have learned much. So thanks for the education as well. I will remain active in the hobby as time permits (and time permits it a bit more now that I'm not editing).

Thanks also to those who re-submitted loggings by e-mail after my Outlook Express mail program crashed. I appreciate it, and your loggings appear in this column. If your loggings aren't here, then you missed my announcement on the NRC listserv about the crash and you'll need to send them on to Ginnie.

Ginnie Lupi's e-mail address is <ginnie@nrcdxas.org>, or you can send your loggings and other news to Ginnie at 605 Walnut Drive, Clifton Park, New York 12065. Remember—your submissions should be sent to her now; any that I receive will be forwarded to her. Good luck, Ginnie. Now...on with the show! (And good luck to you, Michael, and thanks for your faithful service! -pls.)

STATION NEWS

- 860 WWDB PA Philadelphia - 10/15-16 - Has left OC on past 2000 both evenings of 10/15 and 10/16. Not present before sunrise on 10/16, so at some point they eventually shut it down. (RJE-PA)

UNID, UNID HELP, PRESUMED AND CORRECTIONS

- 730 UNID NC _____ - 10/16 1910 - Either WFMC or WOHS running Charlotte Hornets Basketball, with ad for Blue Cross/Blue Shield of NC. Both unneeded, but sounded strong enough for day facilities. (RJE-PA)
- 860 WTLKp NC Taylorsville - 10/19 0635 - Atop CJBC with GOS music program with very rural, older male DJ/preacher, which is standard fare for this one at this time. (RJE*PA)
- 900 WAYNp NC Rockingham - 10/19 1853 - Heard partial ID along with what I would call MOR music. Closest other similar call would be WIAM, which is REL, so probably this. Would be new at this location - last heard 1972 in North Jersey. (RJE*PA)
- 1200 WMIRp SC Atlantic Beach 10/12 0635-45 - Heard strong Gospel music program here well over WAGE-VA. This is most likely, and a close fit with what they reportedly program style. (RJE*PA)
- 1570 UNID _____ - 10/16 1900+ - Station // Southern Gospel format here, mixing it up with the usual group. Not sure who this might be... (RJE-PA)
- UNID _____ - 10/10 1920-27 - Someone running 'traditional' country, with a very rural-sounding DJ mixing in with WISP and WPGM. Only announcement was "Country 101.7" but between the new log and FM Atlas, I still can't find a likely combination. Definitely not "Country 101.1" which would be WBUG as they were also in there, with more current C&W. It completely disappeared just before 1930, suggesting possibly the end of a pssa from a 1730 LSS, but that leaves NO likely possibilities, hi. (RJE-PA)
- 1660 KXTRp KS Kansas City - 10/19 0300 - Has to be the one with soft classical music, sometimes topping WQSN and WMLB. The music spans the top of the hour, so my 59:30 to 00:30 timer tapes haven't caught any IDs yet. (SF-TN)(They often ID at odd times, after music selections, and not at the top of the hour-pls.)

DX AND EQUIPMENT TESTS

- 1180 WJNT MS Pearl - 10/06 0100 - Poor signal in R. Marti null. Morse code ID at 0107. (TFG-FL)

Lynn Hollerman writes, "For anyone interested, here's a reminder of upcoming DX tests; if anyone

has any additions or corrections, please contact me. (be sure to note the time of the test). Please remember, what's listed as being on, say, Monday may be what you think of as Sunday night! If you try for (or hear) any of these tests, PLEASE post a message letting me know, and please, drop the station personnel a note, via e-mail or snail mail, thanking them for running the test! Also, for brevity's sake, I didn't post the QSL addresses; if you need these, let me know! Lynn". (ircamember@geocities.com)
 1230 WODI VA Brookneal - 11/4 0100-?.(NRC/DXAS). E-mail: wodi@lynchburg.net
 1620 WPRI268 MA Leominster - 12/2 0000-0100 - (NRC). E-mail: WPRI268@aol.com

STATION LOGGINGS

- 540 WDMV MD Pocomoke - 9/26 1639 - "Here In My Heart" followed by ID "...this is Delmarva's original hits station, WDMV". "Volare" and "Goodnight, My Love" followed by another ID "Playing Nat King Cole, the Kingston Trio and the Fleetwoods, this is Delmarva's original Hits Station, WDMV". (MC*NJ)
- 680 WCBM MD Baltimore - 9/26 1650 - ID "Don't miss Michael Reagan, weeknights 10 PM to 1 AM—WCBM". Caller complaining about President Bush misspeaking again. Host says he is not articulate. (MC*NJ)
- 690 WJOX AL Birmingham - 10/19 1908 - Alone atop channel with ID and jingle in sports talk. Usually, it takes a good aurora to bring this in. (RJE*PA)
- WZAP VA Bristol - 10/17 1835 - With C&W and station mail-in promo, including ID. (RJE*PA)
- 730 WFMC NC Goldsboro - 10/15 2110 - Atop, strong with Gospel music, local ads; very strong and likely on day facilities. Same story again 10/16 0635-40, so was probably atop all night. (RJE*PA)
- WSCC SC Charleston - 10/19 0630 - Overriding CKAC with BoH announcement as "730, WSC", then into newscast. (RJE*PA)
- WPIT PA Pittsburgh - 10/20 1830 - With talk program, then ID as "WPIT Talk Radio 730, Pittsburgh"; appears a format change (RJE*PA)
- 740 WLIL TN Lenoir City - 10/08 2235 - Fair signal with old C&W format. ID at 2240. (TFG-FL)
- 760 WEFL FL Palm Coast - 10/12 1222 - Fair signal with WLCC nulled. Talk show in progress. This station was previously silent. (TFG-FL)
- 810 WQIZ SC St. George - 10/08 2300 - Strong signal with partial ID and GOS format. (TFG-FL)
- 940 WMAC GA Macon - 10/19 0645 - With a roundtable discussion show with callers and guests, male and female hosts, full ID and all sorts of call in numbers; email addresses, fax numbers etc. First time heard here, and with very strong signal! (RJE*PA)
- 970 WAMD MD Aberdeen - 9/26 1809 - Sung ID "WAMD" followed by "Pied Piper". Another ID "Oldies 97—WAMD" followed by "Venus in Blue Jeans". Another ID "Connie Frances, Ronnie Dove...others sometimes...Oldies 97". Signal low. (MC*NJ)
- 1060 WIXC FL Titusville - 10/10 2332 - Strong signal over KYW with OLD format from 60's and 70's. (TFG-FL)
- 1080 KGOL TX Humble - 10/06 2230 - Strong signal in R. Marti null. Local high school football game. (TFG-FL)
- 1110 WBCA AL Bay Minette - 10/03 2115 - Strong over WBT with C&W format. Also mention of WYDH 105.9. (TFG-FL)
- 1200 CFGO ON Ottawa - 10/22 0640 - With Sports call-in; ID. (RJE*PA)
- 1260 WWJQ MI Zeeland - 10/18 0800 - Fair with "Alternative talk radio "1260 WWJQ-AM Zeeland, Holland, Grand Rapids", into SRN news. Must have just powered up to the daytime 10 kilowatts. 1260 #35. (SF-TN)
- 1350 WOYK PA York - 10/5 2135 - High school football (West York Bulldogs vs. York Catholic Fighting Irish). Bulldogs bite Irish 10-0; stay undefeated at 6-0. Signal poor. (MC-NJ)
- 1440 WZYX TN Cowan - 10/12 2230 - Strong signal with local high school football game and local ads for car dealerships and funeral home. Mention of Cowan and Tullahoma. (TFG-FL)
- 1470 WJDY MD Salisbury - 9/26 1727 - ID "AM 1470, Radio Disney at 1756. Bunch of ads including "Kid of the Month" (Anthony) and Toys 'R' Us, then ID "AM 1470 WJDY, Salisbury". (MC*NJ)
- 1570 WNST MD Towson - 10/11 1920 - Mixing with WISP-PA; WPGM-PA, both with REL,



plus UNID C&W, as well as WBUG-NY C&W. Unneeded, but noted for new call. (RJE-PA)

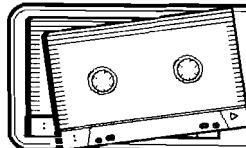
- WYTI VA Rocky Mount - 10/17 0640 - With C&W and ad for a furniture store located at intersection of Route 1 and Route 222 bypass, then traffic report, then ad for A-1 Mobile Home Sales. Internet check confirmed ad and other locations. (RJE*PA)
- 1650 WHKT VA Portsmouth - 9/26 1853 - "Our House just ending. ID "Timeless Classics live on at 1650 WHKT". "Love is Blue" was followed by "I Am, I Said" by Neil Diamond. Signal good. (MC*NJ)
- 1660 KQWB ND West Fargo - 10/17 0100 - Fair during a WQSN fade with "Star 1660 is KQWB-AM West Fargo, your memories station. Time now for CNN news!". The Dakotas are a rare treat in these parts. (SF-TN)
- 1670 WRNC GA Warner Robins - 9/27 2006 - ID "This is WRNC, Warner Robins and WRNC-FM, Grey Macon, a proud ClearChannel Communications station". Strong signal surprised me on Westbound Atlantic City Expressway approaching Pleasantville toll booths. Signal went bad at toll booths and was only fair/poor on rest of trip. I went to Caesar's. I lost! (MC*NJ2)
- 1680 KYEA LA Monroe - 10/22 2100 - Strong with Urban Gospel and "Your celebration station, KYEA, Rejoice 1680 AM, Monroe-West Monroe". 1680 #5. (SF-TN)
- 1690 WPTX MD Lexington Park - 9/26 1732 - Host "Nasty" Nestor Aparicio interviewing Cal Ripkin, Jr., who said "...winning is fun when you win a World Series, but only one team can win...will be accessible to the media". Interview ended and host mentioned that Ripkin was hitting .260. Sung ID "Sporting News Radio". I heard this station before so I am sure it's WPTX! Signal fair/good. (MC*NJ)

TIS, HAR AND MISCELLANEOUS

- 530 WPGX842 PA Philadelphia - 10/13 1000-05 - Noted strong. Hasn't been heard in about 3 years; likely back on the air owing to preparedness for potential threats against bridges. Operated by Delaware River Port Authority. Typical NOAA Weather broadcast interrupted by frequent taped ID's. (RJE*PA)
- 1380 WTMC DE Wilmington - 9/26 1714 - ID "You are listening to WTMC, the Del DOT TAR station...". Traffic reports: "Market Street in Wilmington closed between 9th and 10th Streets for Market Street Mall project. St. George's Bridge traffic limited to emergency vehicles and school buses for next few months...DART bus 106 will stop only at the main gate of Dover Air Force Base". Signal low with a hum. (MC*NJ)
- 1680 WTIR FL Winter Garden - 10/16 2010 - Blasting in. Strongest FL signal heard here since 1700 first came on and was alone on channel. Giving Disney traffic reports. (RJE-PA)
+ -9/27 2030 - Heard near Wildwood on Southbound Garden State Parkway and Eastbound Route 47; signal strong. Announcing that they were broadcasting in ten-minute blocks. "There is construction on I-4...look for delays". Had interview with representative from *Holyland, USA*. (MC-NJ3)

REPORTERS

- MC-NJ Mike Clancy Jersey City - Optimus 12-603A.
MC*NJ Mike Clancy Cape May (Sunset Beach) - 1991 Buick Skylark car radio.
MC*NJ2 Mike Clancy Westbound City Expressway near Atlantic City - 1991 Buick Skylark car radio.
MC*NJ3 Mike Clancy near Wildwood - 1991 Buick Skylark car radio.
RJE-PA Russ Edmunds Blue Bell - Hammarlund HQ-150; 2' air-core unamplified loop
RJE*PA Russ Edmunds Blue Bell - Car radio and whip.
TFG-FL Thomas Giella Plant City - Radio Shack DX-398; 68 Foot Sloper.
SF-TN Steve Francis Alcoa - TRF; Select-a-Tenna.



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\$3.00 each; specify month and year. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.

International DX Digest

Jim Renfrew renfrew@localnet.com
6988 Bank Street Rd.
Byron, NY 14422-9702

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

The days are getting shorter, spools of wire are rattling ominously in my closet, and I have visions of large antlered quadrupeds staring at me in my dreams ... must be time to go to Newfoundland! The last deadline before my one week break from IDX will be NOV 6th, but it would be much better to get your stuff to me sooner ... otherwise it will be held until I return.

Another stumper: "It happens once in Rome, twice in a moment, but never in a thousand years". What is it?

Jim

TRANS-ATLANTIC DX

- 162 FRANCE Radio France Home Svc. (p), OCT 13 2338 - Man only in FF. I think this is my 1st ever log of 162 that isn't "Man and woman talk in &W tx in FF". Poor. Gone @0118 recheck. [Frodge-MI]
- 189 ICELAND Rikisutvarpid, Iceland (p), OCT 13 2333 - Piano jazz with man and woman announcers. Poor. Gone at 0118 recheck. [Frodge-MI]
- 198 UNITED KINGDOM Radio 4 (p), OCT 14 2340 - Can only tell it's a woman talking, can't confirm language. Very poor and didn't get any better. Gone at 0118 recheck. [Frodge-MI]

PAN-AMERICAN DX

- 640 MEXICO XEHHI Hidalgo del Parral, CHIH, OCT 21 0455 - Spanish, fair signal at times with música tropical and Radio Uno slogan. QRM from another station in Spanish. KFI nulled. [Knight-CO]
- 660 MEXICO XEACB Ciudad Delicias, CHIH, OCT 21 0509 - Poor signal with local KLIT-670 splot., "La Tremenda" slogan, ranchera music. KTNN nulled. [Knight-CO]
- 660 MEXICO XEEY Aguascalientes JAL, OCT 20 0451 - Good at times in partial WFAN null with music, many "La Consentida" mentions in highly produced promos. 660 Mexico #3 for me! [Loy-IL] OCT 24 0651 - with Eric and others reporting this, I decided to give it a try. Well, it was coming in real strong over WFAN at this time with "6-60 La Consentida" and "Amor al Mundo" slogans, lots of accordion music. Eric, I'll one up you ... this is 660 Mexico #4 for me (and I even got KSKY-660 this week for the first time)! [Renfrew-NY]
- 680 MEXICO UNID, OCT 23 0337 - light music with SS alternating announcers with religious-themed sound. One "OK" heard, but nothing else to ID. [Loy-IL]
- 750 MEXICO XEOH Cd.Camargo, OCT 23 0044 0 "7-50 O-H" ID, poor but clearly readable in mud; in WSB null. [Stewart-MO]
- 760 MEXICO XEABC Mexico City, OCT 23 0036 - atop frequency with program "A-B-C En La Noche" and frequent "A-B-C Radio" IDs. [Stewart-MO]
- 770 MEXICO XEHB San Francisco del Oro, CHIH, OCT 22 0414 - Spanish, poor signal, "La Rancherita" slogan, ranchera music. Seems to be on frequency this season (was on 769.80 last April). No HET noted, anyway. [Knight-CO]
- 813a CUBA R. Reloj, OCT 22 0425 - Low, but fairly clear audio with news by alternating man/woman, "Radio Reloj" ID's every minute, time checks heard, but did not hear the beeps and "RRs" in codes. This has been reported lately on the East coast. New. [Knight-CO]
- 820 ST. KITTS & NEVIS R. Paradise/Trinity Broadcasting, Charlestown, OCT 13 2326 - no ID, but very likely this is Nevis on a new frequency with US-accented religion; SIO 333. 830 had R. Sensación from Caracas. [Burnell-NF]
- 850 VENEZUELA, R. Fe y Alegria, Maracaibo, OCT 3 0700 - Totally in clear with mentions of Maracaibo, then incredibly clear ID by woman, time check, then back to the music. New. [Kenneally-CT]
- 850 MEXICO XEM Chihuahua, TENTATIVE, OCT 23 0105 - took more than a half-hour to ID this one, as it was mixing with numerous other Spanish stations here (virtually no KOA), including the Cuban Radio Reloj Morse-code "R-R" IDs every minute. Finally got a good, clear "Radio Exitos" mention at 0105 during an ID break. I'm labeling this tentative, though I don't think anybody else on the frequency uses that slogan. New log for me. [Stewart-MO]
- 870 CUBA, R. Reloj, , OCT 17 0428 - Way under WHCU-NY and WWL-LA with



- time pips and scraps of audio. Easier to hear with 880 WCBS off. New. [Kenneally-CT]
- 880 VENEZUELA, R. Paraguana, Punto Fijo, OCT 17 0502 - WCBS off, Cuba dominant. Heard this one rise up for typical LA big-voiced man with "R. Paraguana. Una en Punto". Chuck Hutton explained that "Una en Punto" means "1:00 on the dot". Massive storm static. New. [Kenneally-CT]
- 880 MEXICO XEPNK, Los Mochis, SIN, OCT 24 0315-0405 - Spanish, poor to very good signal with English AC music, mostly from the mid 80's, PSAs from "La Secretaría de Energía" and from "Sistema Nacional de Salud", ad for an electronic gazeta on the internet, the announcer took a few phone calls, many "Super Oldies" slogans. At 0405UTC: "8-80 presentó Super Oldies", then full ID with call sign, mention of "Los Mochis", gave address and slogans "La Super" and "La Superestación". I went to the station web page (<http://www.oirmochis.com.mx/canal88.htm>) and found that they have a program called "Super Oldies" from 2000 to 2100 local time. Great format! [Knight-CO]
- 900 BARBADOS CBC, Bridgetown, OCT 13 2203 - cricket results, steel band music; SIO 333. [Burnell-NF]
- 900 CUBA R. Progreso, Cacocum OCT 22 0420 - Good; Nocturno music program, network ID with mailing address, "Apartado 30-42, ciudad de la Habana," and web address www.radioprogreso.cu. [Conti-NH]
- 910 VENEZUELA RQ-910 AM, Caracas OCT 22 0430 - Fair; romantic vocal, time check, "RQ-910 AM" and AM Center IDs. [Conti-NH] OCT 7 0200 - Rising out mush w/clear "RQ-910" ID by man, then into song that with a lead-in that sounded like a calliope. XEW in strong on 900 at same time. New. [Kenneally-CT]
- 910 ARGENTINA La Red (LR5), Buenos Aires, OCT 13 2206 - sports talk, as always, many "en La Red" mentions; SIO 332. [Burnell-NF]
- 950 CUBA R. Reloj, OCT 22 0436 - Woman in Spanish, beep on minute, then "RR" in morse code which was plainly audible. Local KKFN nulled. [Knight-CO]
- 960 MEXICO XEK Nuevo Laredo, OCT 23 0436 - Fair but alone with music, "XEK" jingle between songs. [Loy-IL]
- 970 MEXICO XEO Matamoros, OCT 23 0444 - Fair in WMAY null with music, full "X-E-O Radio Gallito" ID. [Loy-IL]
- 970 MEXICO XEJ Ciudad Juarez OCT 25 0438 Fair in WMAY null with music, full call ID between songs, "Eh-kees eh hota." [Loy-IL]
- 980 MEXICO XETU Tampico, OCT 23 0118 - long spot block during a sports program, but a great "Radio Tampico" singing ID at 0120. New log here. [Stewart-MO]
- 990 MEXICO XEER, Cd. Cuauhtémoc, CHIH, OCT 24 0453 - Spanish, end of announcement, "Radio Lobo" jingle by woman, into slow ranchera song, gave call letter ID @0505: "XEER, Radio Lobo...con 5 mil watts de potencia...transmite desde Cuauhtémoc, estado de Chihuahua". New! [Knight-CO]
- 1010 MEXICO XEVK, Gómez Palacio, DUR, OCT 24 0443 - Spanish, very good peaks with ballads, ID: "10-10 AM, La Poderosa", ad for "pappas". HET from Amarillo. [Knight-CO]
- 1030 MEXICO XEYC Ciudad Juarez, CHIH, OCT 22 0345 - Excellent signal way over KTWO in auroral conditions, choir and opera vocals in Spanish, man and woman talking about Egypt, then "Radio Fórmula" jingle, mentioned "Primer Cadena Nacional", call letter ID: "XEYC, Ciudad Juárez" @0355. Another station in Spanish way underneath. Into "La Hora Nacional" program @0402. [Knight-CO]
- 1130 MEXICO XEMOS Hermosillo, SON, OCT 22 0324 - Good and alone with Spanish, lite vocals, woman gave time check "8:25" over song, then slogan after song as "Radio Mía", mentioned "Cámara Nacional de la Industria (CIRT)". Gave call letters as "X-E-Mos" @0332. New. [Knight-CO]
- 1140 MEXICO XESOS Naco, SON, OCT 23 1238 - with nice, clear ID, following XE anthem at odd time of 1238: "Desde Naco, Sonora, República de Mexico, transmite Radio Uno, XESOS-AM, 1140 kHz, diez mil wats de potencia, cubriendo Agua Prieta, Douglas, Nacosan(?), Sierra Vista, Cananea y todo el norte de Sonora...". The CIRT website has just recently added this station to its list, although it's been on the air for a few months, and gives the call as XESOS in Agua Prieta, Sonora. 'S' ("essay") and 'F' ("effay") sound almost identical in SS and there's no way to tell the difference on a DX signal, so the "XEFOF" reported last week is undoubtedly this instead. However, the "Desde Naco, Sonora..." part indicates their City of License is Naco, although I don't know what the rules are down there re: legal ID's. Naco and Agua Prieta are only about 25 miles apart. I'm going with Naco. [Wilkins-CO]
- 1140 MEXICO XEMR Monterrey, NL Oct 23 0830. Heard this throughout the wee hours during bouts of insomnia running REL programs. Don't know if fulltime REL now or just during the night.
- Later, at 1200 UTC, heard with a REL program just ending, XE anthem, then full ID at 1202. Good signal but fading, leaving XESOS in auroral conditions. [Wilkins-CO] OCT 24 0430 - Spanish, very good signal with Christian programming, "La M-R, La Chiquita de Monterrey" mentioned, into ranchera music, song was called "La Nueva Revolución". [Knight-CO]
- 1150 ARGENTINA R. Brigadier López (LT9), Santa Fé, OCT 13 2249 - ads fanfare, "LT9" ID; SIO 222. [Burnell-NF]
- 1170 MEXICO XEIB Caborca, SON, OCT 22 0310 - Fair to good in KVOO null with Spanish, Mexican pop and banda music, "Super Banda de Sonora" slogan. Another Spanish station heard underneath using "La Nueva Ley" slogans (probably local KJJD now on 24h?). [Knight-CO]
- 1180 CUBA R. Rebelde, Villa Maria, OCT 22 0306 - Spanish, very good signal with talk about music, "aquí en Rebelde" mentioned twice into Cuban music/vocals. [Knight-CO]
- 1220 MEXICO XEB, Mexico City, DF, OCT 22 0301 - Spanish, excellent signal with música romántica, ID: "Las favoritas en XEB", into greetings to a listener, mentioned "Instituto Mexicana de la Radio (IMER)". Local KLVZ not a problem here at night. [Knight-CO]
- 1270 ARGENTINA R. Provincia (LS11), La Plata, OCT 14 0042 - likely (no ID heard), Argentinean sports news, deep fades; SIO 222. [Burnell-NF]
- 1270 MEXICO XERPL Leon, OCT 23 0525 - Mixing with KFCC (also SS and new here), music and "La Poderosa" jingle. New. [Loy-IL]
- 1280 MEXICO XEAW Monterrey OCT 25 0331 then later 0555 Good at times, earlier with "Macrostation (sp)" slogan and later with call ID. (Loy-IL)
- 1440 BRAZIL R. Difusora (ZYJ792), Maravilha, OCT 14 0151 - in a real mess, but clear ID noted at this time; SIO 222. [Burnell-NF]
- 1440 URUGUAY station?? OCT 14 0111-0206 - followed for almost an hour, three ID's as "Montecarlo" and I think one muddy "Radio CORI". CORI is a network with Montecarlo 930 kHz (Montevideo) as the flagship. There are two Uruguayans on 1440 kHz, R. Rivera and R. Chuy, both of which max at 3 kW. (In WRTH Chuy is listed as 1440v, what I heard was right on-frequency.) A good friend in Montevideo, Horatio Negro, informed me that, unfortunately, both Rivera and Chuy are members of CORI. [Burnell-NF]
- 1450 BRAZIL R. Difusora Cristal (ZYH601), Quixeramobim, OCT 13 2046 - clear ID (yeah! but then anguish ... something went wrong with the cassette recorder) then romantic music, lost to Bermuda within 5 minutes as darkness approached that island; SIO 333 at peak. [Burnell-NF]
- 1560 URUGUAY R. Maldonado (CW51), Maldonado, OCT 14 0032 - Clear ID, sports promo; SIO 232. [Burnell-NF]
- Jean speaks:* "I went back to Renewals accompanied by the 7- and 11-year old junior DX'ers (Emily and Christopher) who helped to haul out wire and locate the best blueberry patches. I think I know why I had lost the wire the week before...a large antlered quadruped seems to have walked through it. The wire was pulled some distance through the thick bush, but I did manage to recover it all. I re-erected the southern-pointing antenna. Conditions were very different from my previous visit. African signals were useless. The South Americans were weak and fady. Nothing seemed to be there for long. I did tune initially to SW (7215 kHz) to log the 1 kW student special event station UKE Senderen from Trondheim, Norway. I tried, but of course it was futile, to get a glimpse of the // MW on 1485 kHz. I could barely hear 1314 on that wire! Some of these are pretty common logs, but there are a few good Pan-Am ones." (Did you let your children try on your "Beverage Boots"? - Jim)
- Randy speaks:* "I also chased a bunch of Spanish signals in the 1400s, particularly on 1430, 1460 and 1470—some may have been Texans. Never got any definite IDs, slogans, city mentions etc."

INTERNATIONAL NEWS

AFGHANISTAN (target): There is an extra medium wave transmitter on the Commando Solo aircraft, so VOA and Radio Free Europe/Radio Liberty accepted an opportunity to use it for clear reception in Afghanistan. The frequency is 980 kilohertz. The programming consists of VOA Dari and Pashto and RFE/RL Uzbek, Tajik and Persian. These are combined in two five-hour transmission streams at same time as the other Commando Solo broadcasts: 030 to 530 and 1230 to 1730 UTC. On 980, no other programming is being mixed with VOA and RFE/RL content, and that channel does not transmit the messages or public service announcements heard on 864 and 1107 kilohertz. BBC Monitoring continues to follow broadcasting in and to Afghanistan. As of Friday, the Taleban's Radio Voice of Shari'ah in the city of Mazar e-Sharif, close to where Northern Alliance and Taleban forces are fighting, was still on the air on 1584 kilohertz. The domestic and

Radio Familiar
 JULIO ANDRADE N CARCHI
 ECUADOR

external services of Radio Voice of Shari'ah in Kabul have not been heard on medium or short-wave since October 8th. [VOA Communications World Oct 20 via John Norfolk, DXLD, via Paul Bowery in MWC e-mail]

ST. KITTS & NEVIS: Radio Paradise was indeed scheduled to change from 830 to 820 kHz late August or September, but I don't know when the actual shift took place. Please note that the name of the station is Radio Paradise and not TBN. TBN (Trinity Broadcasting Network) is only the name of an audio feed of a US tv-channel which Radio Paradise carry at local nighttime. So TBN is the name of a programme - not the whole radio station. The name of the radio station remains Radio Paradise. In order to hear Radio Paradise's own programming try at these times: M-F 11-19 UTC, Sat 11-21 UTC and Sun 11-22 UTC. The transmitter is at St. Kitts but the local offices and studios are on the island of Nevis. These and other up-to-date information can be found in the 2002 edition of the World Radio TV Handbook, where I've supplied details on radio stations in the English speaking part of the Caribbean. [Stig Hartvig Nielsen, Denmark in reply to Jean's report above and several e-mail queries]

CONTRIBUTORS

Jean Burnell St. John's, NF, DX'ing from Renewals, NF; Drake R8A, 250 meter wire pointed at eastern Brazil <jburnell@mun.ca.>
 Bruce Conti, Nashua NH; Lowe HF-225 Europa, MWDX-5, 15/23/15-m southwest Ewe, inverted-L with 30-m sloping east. <BACONTI@aol.com>
 Rick Kenneally - Wilton, CT - 2 Sony 2010, 300' longwire, Quantum QX Loop, Quantum phaser, SM-2 Loop.
 Chris Knight N0JK, Fort Lupton CO; Kenwood R1000, KIWA Loop. <swrad@juno.com>
 Eric Loy, Champaign IL; Drake R8 and Quantum QX.
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 Randy Stewart, Battlefield (Springfield) MO; Yaesu FRG-100, 15" Sanserino box loop
 John Wilkins, Wheat Ridge CO; Drake R-8, 4-foot box loop.

STUMPER SOLUTION

The letter "m"! Stumper courtesy of my nephews Sean and Shamus Kelley.

IRCA Mexican Log, 7th Edition

JUST PUBLISHED!!! The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 2000 edition and carefully cross-checked by several IRCA members. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding. Prices: IRCA/NRC members - \$9.00 (US/Canada/Mexico/sea mail), \$10.00 (rest of the Americas airmail), \$10.50 (Europe/Asia airmail), \$11.00 (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

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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

Welcome to another edition of Target DX! This time, we have questions on a variety of topics, along with some websites to add to last time's list.

Q - What is this EWE antenna I keep reading about?

A - The EWE is named using the English word which reflects the letter whose shape the antenna takes - 'U'. The EWE antenna is directional off the end at the coax. The EWE that runs NE is directional to the SW. Basically the EWE is two phased verticals. That is, the two vertical elements with the lead across the top that connects them. The termination at the end is adjustable to get the directivity the way you want it.

With the EWE there is phasing going on, much like a broadcast station array. The far grounded end 20-foot vertical section is fed at the top, in a sense by the 100-foot horizontal wire. The near end vertical section, which is also 20 feet long, is fed at the bottom by coax. The 100 foot spacing between the two 20 foot vertical sections and top/bottom feedpoints create a 180 degree out of phase current lag which creates an endfire unidirectional receive pattern from the coax feed end, versus the resistor end on a terminated beverage. Unlike the Beverage antenna, the EWE needs a good ground conductivity under it to work properly (gain and directionality) and you can't really fix the problem with radials. It would play well on the Great Plains and near the ocean but lousy in the desert and mountains.

Q - What exactly is a 'sloper' and how does it work?

A - The conventional 1/4 wave sloper will have a sloping wire to ground with an approximated 45 degree angle drop down to near ground level. The center conductor of the coax goes to this sloping wire, the braid of the coax goes to a metal tower, therefore you have an elevated feedpoint. The antenna is kind of like a dipole but with the radiating elements to close together. What happens with this antenna is the metal tower receives a vertical omnidirectional signal and the sloping wire a mix of vertical and horizontal radiation in the direction of the wire slope. Combine them and you get slightly off omnidirectional radiation/reception, with a 1-2 db gain in the direction of the slope of the wire. Modeling results predict 4-6 db gain in the direction of the sloping wire, but this is hard to attain, as this antenna is very sensitive to surrounding objects and poor rf ground connections in the tower sections. A sloper can be had without using a tower, or even a metal structure at all. If a tree of sufficient size is present, the coax can be run up the tree to the point where the diagonal element starts down. Performance may suffer a little, but those DX'ers who use this kind of installation don't seem to complain much!

Q - I recently purchased a DX-398 from Radio Shack after seeing all of the positive discussion on it in DXN. The problem I have is that I seem to be replacing batteries very frequently. Is there a way to increase battery life, or some other alternative to use for truly portable and/or remote use?

A - The DX-398 is a battery-killer! You can build a backup system using D-cells as follows. Parts are readily available at Radio Shack for a couple of dollars or so for each part.

Here's what you need:

1 p/n 273-1740 power cord \$2.99

1 p/n 270-0389 4 D cell holder \$1.79

1 p/n 273-1716 "M" adaptaplug \$1.99

[check to make sure this is the right one]

1 - 2 inch piece of solder

Electrical tape to wrap solder joints.

The power cord is 6'. You can make it as long as you want. The thing has two adaptaplug ends. Fold the wire in half and snip it, then strip and tin the ends of the wire. Take the end of the white stripe wire from the power cord and solder it to the red [+] side of the battery holder. Then take the black wire from, the battery holder [-] and solder it to the black wire of the power cord. Then wrap the exposed wires with electrical tape. Put the tip as negative and plug it in. When the plug is in, the backlight on the LCD stays on and you can see the thing at night. The DX-398 shuts the battery off after about 2 minutes to save the precious power from the AAs.

Q - I've noted several occasions over the past few months where various sources cite recent solar activity and predict auroral conditions, but the result is either nothing out of the ordinary or minimal or short-lived or both. What gives here?

A - There are likely several factors. First, not every solar flare or other solar explosion is directed in the earth's direction, and even though one is projected to affect us, not all do. Second, depending on how strong the forces are when they impact the earth's magnetic field, there may not be a reaction sufficient to trigger 'classic' auroral conditions as we know them. Third, it often takes a more prolonged period of higher-than-normal A- or K- indices to create these conditions. Thus, a single, isolated event of relatively small or moderate size may not be enough.

Generally speaking, if the A-index for a given day exceeds 40, or if there are several days in succession of values in excess of 20, the type of conditions we speak of as auroral are far more likely. A further indicator is the Proton flux value. A solar flare needs to send the proton flux at or above 10 mev's for the D layer to absorb broadcast band signals at night.

Another indicator is the status of the earth's geomagnetic field as per the WWV broadcasts or various government or hobby websites. If there is a major storm indicated as in progress and continuing over a period of 2-3 days, then auroral conditions are more likely to follow.

Here are some additional websites which didn't appear in the listing in the most recent column:

List of Cuban Stations: <http://davidtanny.8m.com/03facu.htm>
 Charts of the last 20 solar cycles: http://www.dxl.com/solar/cycl1_20.htm
 Charts of Cycles 21-23: <http://www.dxl.com/solar/solcycle.html>
 Great Circle Distance calculator: <http://jan.ucc.nau.edu/~cvm/latlongdist.html>
 Propagation: <http://www.dxl.com/solar/>

The editor would like to thank the following members for their questions, comments, answers and discussion on the NRC/DXAS Email list which were used in the preparation of this column: EWE Antenna: Thomas Giella, Patrick Martin; Sloper: Thomas Giella, Bruce Conti; DX-398 mod: Kevin Redding; Propagation: Thomas Giella, Chuck Hutton.

Please remember to keep sending me your questions or your suggestions for future topic-oriented columns to me either via the NRCDXAS listservs, by off-line email, or by regular mail!

CPC DX Tests: An Historic Perspective

By Bruce Conti

Some might believe that the lack of CPC-arranged DX tests are a recent phenomenon. The current drought can be attributed to corporate ownership of multiple stations in each market resulting in contract engineering and 24/7 broadcasting.

I recently came across a column written by Carleton Lord in the May 1938 edition of *Radex* magazine in which he laments a decrease in the number of DX tests.

"It was not unusual for a club to boast of from five hundred to a thousand programs in a winter season," wrote Carleton. One of his concerns was the negative impact of the competition between DX clubs to schedule the most tests, resulting in too many unneeded tests and lackluster interest from DXers. Quality versus quantity was the call; "Let the primary objective of a CPC be to provide programs which DXers needed for verification purposes, and go easy on the idea of repeated dedications from the same stations."

In the following, Carleton refers to the criticism of the DX club competition for program sponsorship, but also mentions another issue that might seem too familiar. "More recently CPC activities have slackened off. Whether as the result of past criticism or for other reasons, the radio clubs are listing fewer dedicatory programs than at any time in the past six or seven years. The current season will probably hit a new low in the total number of broadcasts scheduled by the various organizations.

"Perhaps CPCers are finding it increasingly difficult to persuade stations to come back on the air after midnight for a special program. It is not unlikely that many broadcasters have become discouraged by the poor response to previous specials, while others glance at the line-up of all-nighters and decide that it is impossible to get out to an appreciable audience." (Lord, Carleton. "The Monthly DX Forum." *Radex*. May 1938. p. 7.)

No doubt that the NRC and IRCA CPCs have their work cut out for them. While both clubs now try to make it a cooperative effort, it's interesting to know that all-nighters were considered a problem in 1938 as well as today.

Polar Bear Expedition nets DX, too

By John Sampson

In early October, we traveled to Churchill, Manitoba, primarily to see polar bears. I took the radio along and was able to do a little listening. We took the train from Winnipeg to Churchill (two nights and a day), were in Churchill for three nights and four days, and then flew back to Winnipeg. We did see several polar bears along with quite a bit of other wildlife. Earlier this summer, a couple of people expressed interest on what could be heard in Churchill; here it is (and it's rather long!)

Noted on train:

I did a little listening on the train; had to hold the rx up to the window to do so.

Near The Pas (Friday, Oct 5)

We reached the area of The Pas about 9 AM in the morning. At that time, CJAR (1240) noted in parallel with CFAR, 590 (Flin Flon). A while later, CJAR had separate programming. When the two were in parallel, the common ID was CFAR, 590 and CJ1240. When separate, CJAR used the CJ1240 ID (I never did hear a full call letter ID). CFAR was also quite strong in that area and it was actually audible for a longer time than CJAR (not surprising, given it's dial position). All programming I heard seemed to be local.

Near Thompson (Friday, Oct 5):

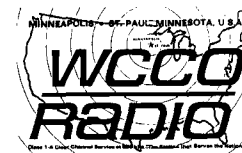
In the afternoon, CHTM noted with rock music and full call letter IDs. Later that night, it seemed to be programming C&W. As with CFAR and CJAR, it all seemed to be local programming.

Churchill:

During the day, the only station audible was CHFC (1230). I never was able to hear a local ID; it seemed to relay CBW for the most part, used the *CBC, Radio* and had an extremely clean signal. The only local bit I heard was a weather forecast for Northern Manitoba one morning, which got cut off to go back to CBC programming just as they were to announce the Churchill temperature.

On the night of Saturday, Oct 6 (and into Sunday, Oct 7), I was able to do a bit of late evening/early morning listening and heard the following. All of this is between 11 PM and midnight (times referenced are Eastern Daylight Time) Saturday evening unless otherwise noted:

540	CBK	SA	Watrous - not very strong but clearly audible
550	KFYR	ND	Bismarck - fairly strong
570	CKSW	SA	Swift Current - this is a tentative but heard several mentions of Saskatchewan and is in the arc of reception
580	CKY	MB	Winnipeg - Probably the strongest non local station on the dial
600	CJWW	SA	Saskatoon - Again, a tentative; C&W programming but I don't think it was KSJB, Jamestown
610	KDAL	MN	Duluth - Heard about 4 AM w/good signal; no sign of CHTM
620	CKCK	SA	Regina - Fairly good signal
660	KEYZ	ND	Williston - One of the strongest signals heard that night (this station also was quite strong at night on the train)
680	CJOB	MB	Winnipeg - Very strong; a close second to CKY
710	WDSM	WI	Superior - A surprise; the most easterly station I heard (interesting that I heard this and KDAL but not WDSM, 560)
730	CKDM	MB	Dauphin - fairly strong
740	CBX	AB	Edmonton - This was a surprise; no sign of CHWO
750	CJVR	SA	Melfort - Fairly strong
770	UNID		probably KATL, Miles City
790	UNID		either Billings or Fargo (probably Billings)
820			UNID with C&W music; heard about the same time as WOAI so, probably, WBAP, not around very long
830	WCCO	MN	Minneapolis - Surprisingly strong
880	CKLQ	MB	Brandon - Good
910	CKDQ	AB	Drumheller - A strong signal
940	CJGX	SA	Yorkton - Audible, but not as strong as I would expect
950	CFAM	MB	Altona - A good signal



960	UNID		probably Calgary
970	UNID		ditto with 790 observation
980	CKRM	SA	Regina - Signal there but nothing to write home about
990	CBW	MB	Winnipeg - Pretty strong but nothing compared to CKY and CJOB; I now see why the CBC has the 1230 station in Churchill (but I'm surprised it's not FM)
1010	CBR	AB	Calgary - Fairly strong
1050	CKSB	MB	Winnipeg - This station was noteworthy because of its absence; I did not hear anything on 1050 at any time during either the train ride or the stay in Churchill (I know this is on because it's a daytime regular in Grand Rapids with MOR, probably Calgary)
1060	UNID		with MOR, probably Calgary
1070	KNX	CA	Los Angeles - Heard with its distinctive nx format (and IDs) around 4 AM; needless to say, I was amazed to hear this
1130	MN		MinneapolisKFAN - Quite strong (not surprising, given their night pattern)
1140	UNID		probably CHRB, High River AB
1190	CFSL	SA	Weyburn - One of the stronger signals
1200	WOAI	TX	San Antonio - A real surprise; this surfaced fairly early in my listening, was quite strong for a while, then disappeared never to reappear
1220	CJRB	MB	Boissevain - Audible but not very strong
1230	CHFC	MB	Churchill - The local
1240			I could hear faint stations in and out; the real surprise was a very good ID from KDLR in Devils Lake early in the monitoring session
1250	CHSM	MB	Steinbach - A strong signal
1280	CJSL	SA	Estevan - One of the better signals
1300	CJME	SA	Regina - Quite strong w/talk
1330	CJYM	SA	Rosetown - Fairly strong; no sign of its 1210 sister
1360	UNID		no idea who this was
1460	KLTC	ND	Dickinson - Amazingly strong; its signal rivaled that of CKY and CJOB
1500	KSTP	MN	St Paul - Ok but not all that strong
1560	KKAA	SD	Aberdeen - This was surprisingly strong early and then disappeared
1570	CKMW	MB	Winkler - Weak but audible
1660	KQWB	ND	West Fargo - Quite weak; the only X-Band station heard



Note that most of this reception came from within an arc that seemed to encompass Southern Manitoba, Saskatchewan and Alberta and US points south of there. The only stations east of this arc that I heard were the ones in the Twin Cities, KKAA, KDAL and WDSM. Stations noteworthy by their absence included KOA, KFAB, KMOX and WHO. Also heard rumbles on other GYs but nothing ever surfaced. Also, it's a good thing that I did my major listening that night, since the next two nights seemed auroral (we did see some faint aurora on Monday about 9 PM but, unfortunately not the vivid displays that can often occur in the Churchill area). On Sunday night about 11 PM, the band was completely dead; the only audible station was CHFC. Monday was slightly less dead; again, I tried at 11 PM again and heard CKY (580) and CJOB (680) rather faintly. Those were the only two stations that I was able to hear that night besides the local.

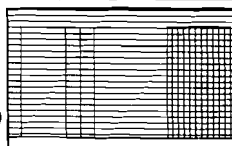
On a slightly different note, the train stopped at Gillam. When I started to DX in the early 1950s, CBW gave messages to people in far northern Manitoba, and I can remember the town of Gillam mentioned often. It was fun to finally see it.

I used a Grundig Yacht Boy 400, which is nice and compact for traveling but seems as though it could be a bit more powerful. I'd like to try it up here with the Collins and a good loop (at least on nights with no aurora).

Based on a very limited test here, I think DXing from Churchill would be a bit like the little girl with the curl; when it's good, it's very, very good and when it's bad, it's horrid. I remember that an NRC Member (Morris Sorensen, I believe) lived in northern Manitoba (God's Narrows) for several years and used to send in some fascinating loggings. I wish I'd saved those DXNs as it now would be most interesting to see his comments.

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Loop Shoot-Out at East Harwich (with special emphasis on Kiwa versus Quantum)

By Mark Connelly

The most popular antennas among medium wave DXers are loops of a relatively compact size. These are often ferrite-rod based in the case of the Quantum models from RadioPlus (Gerry Thomas) as well as the Worcester Space Magnet and loops made by Palomar, Radio West, McKay-Dymek, and others. Compact air-core loops ("frame aeriels" in older parlance) can be considered those under 50 cm / 20" diameter (round) or per side (square). The Kiwa Loop, considered by many as the best commercially-available medium wave loop, is a compact air-core design with a coil diameter of about 33 cm / 13".

Note that, in all the above cases, the loop head is relatively small and, therefore, a good deal of amplifier gain is required. This differentiates these loops from much larger ones that can operate passively through a coupling coil or ones that need only a slight boost from a lower gain amplifier, such as one of Dallas Lankford's, having superlative noise-figure and intermodulation-rejection performance.

Since many of us can't manage a hulking behemoth of a loop in our shacks, models such as the Quantum and the Kiwa have enjoyed a great deal of popularity.

High amplification, a "necessary evil" with physically-small antennas, has two principal limitations.

The first limitation, and with high-Q tuned circuits the more important, is noise floor. One cannot judge a high-impedance FET loop amplifier noise floor in a non-peaked condition. The LC-tank formed by the loop head coil and the tuning capacitor must be tuned to resonance (peaked) on an unoccupied frequency during non-skip midday conditions at a very electrically-quiet location. The ideal noise floor test site would be in an RF-shielded "screen room" of the type used by professional testing laboratories. Once the S-meter reading of amplifier noise at a given frequency is known, the weakest usable signal level can be estimated as being about 6 dB (or one S-unit) above this level. Anything weaker (at least AM signals) will not have recoverable audio and will only be detectable as a CW note or "het" against the receiver's BFO.

The second limitation of amplifiers is inadequate strong signal handling ability. Excessive input to the amplifier will cause harmonics to be generated. If two or more strong signal frequencies are present, mixing products can result, possibly covering up weaker "real" signals on the intermodulation distortion (IMD) frequencies. Except at the worst urban sites, this isn't too much of a problem with high-Q tuned loops properly peaked at the desired frequency.

The evaluations in this article concentrate mostly on weak-signal sensitivity and on overall gain. Urban DXers should probably stick to passive loops, possibly followed by a second stage of tuned preselection (and/or a wavetrapping notch filter to weaken the strongest local signal).

My home location in Billerica, MA often has too much electrical noise to permit serious low noise testing. I am fortunate to have the occasional use of a relative's house in East Harwich, MA on Cape Cod. RF noise is usually very low at this site since electrical power is delivered via underground conduits instead of overhead wires. This low noise environment and fairly close proximity (2-3 km) to the ocean mean that many long-distance medium wave and longwave signals can be heard, even during the daytime.

The 2250 km / 1400 mile distant groundwave of Radio Vision Cristiana (Turks and Caicos) on 530 kHz makes a good sensitivity test target. The car radio just gets a carrier at its noise threshold, but on my Drake R8A with a 30 m sloper from the top of a pine tree to the house, I get an S7 signal with readable audio (internal R8A preamp on; sloper to high-impedance receiver input).

The quiescent daytime noise floor on an open frequency when using the sloper is about S1 to S2. This is a combination of R8A built-in preamp noise and residual external "band noise" captured by the sloper. This is approximately equal to a -130 dBm signal level.

Active loops will have considerably higher open-channel peaked noise levels. The true measurement of interest is how much capture the loop's head has on very weak signals to push these signals over the amplifier's hiss. In the realm of signal audibility, a loop with a noise floor at S3 and a given weak signal reaching S4 is the same as a loop with a noise floor of S8 and the signal at S9. The only advantage the higher gain loop would have would be when operating into insensitive receivers (where an S4 "good receiver" signal would be down in the mud).

The Kiwa and Quantum Loops are pretty much state-of-the-art in squeezing weak signals out of a relatively small head.



Their amplifiers are well-designed but still the overall packages are not going to be able to retrieve super-weak signals that could be heard with a considerably larger loop or, for that matter, a properly-matched wire antenna of 30 m length or greater.

Test data that follow focus on these attributes:

- (1) Weak Signal to Noise (Sensitivity) Evaluation (*particularly important with good receivers*)
 (2) S-Meter Gain (*of primary interest with less sensitive receivers*)

The Quantum Loop was tested with three different head types. These are:

Σ Normal head: plastic enclosure length = 8.5" / 21.6 cm

Σ QX Pro head: plastic enclosure length = 15" / 38.1 cm

Σ Large head (a prototype that Gerry made about 10 years ago): plastic enclosure length = 17" / 43.2 cm

The QX Pro Head covers longwave and medium wave (as selected by a switch). The longwave setting was used for medium wave tests below 650 kHz. Using the LW rather than the MW setting increases sensitivity about 3 dB on the low end of the broadcast band. I did minimal longwave testing; basically I just verified that the QX Pro does operate reasonably well down to 150 kHz and possibly lower. Numerous US and Canadian aerobeacons could be logged at any time. In the evening European and North African LW broadcasters were easily heard.

An old Quantum Loop base was compared to the newer QX base. The older base had slightly higher noise floor and slightly higher gain: the net difference in usable sensitivity was negligible. Quantum Loop measurements that follow are for the present QX / QX Pro base.

Regeneration on both the Kiwa and Quantum Loops raised both signal and noise floor about 20 dB (before oscillation) versus the non-regen. condition. Regeneration did not improve or reduce actual signal-to-noise ratio to any noticeable extent. The chief value of regeneration is to improve upon the receiver's IF filtering by giving, in essence, continuously-variable bandwidth. Cheaper receivers benefit more from this than do the better tabletop communications receivers.

Tests were performed during no-skip midday conditions, mostly in August 2001, at East Harwich, MA (GC = 70.021 W / 41.713 N) using a Drake R8A receiver set to 2.3 kHz bandwidth, AM mode, Preamp On.

Section 1: Weak Signal to Noise (Sensitivity) Evaluation

Table 1: Noise Floor

Antenna	Meter reading	Comment
Kiwa	S-5.5	
QX / QX Pro	S-8	with any head used
sloper	S-2	30 m, to R8A high-Z in

Table 2: Signal dB above Noise Floor: five weaker stations selected

Antenna	R.V.C - 530	WLUX/WDMV-	CHTN -	CBA -	Logan Airport
	over TIS's	540 over CBT	720	1070	TIS - 1650 over WHKT
Kiwa	+4	+15	+15	+15	+10
QX Normal head	\$	+11	+14	+6	0
QX Pro head	+3	+14	+17	+9	+6
QX Large head	+5	+16	+20	+12	+10
sloper	+30	+36	+40	+33	+36

\$ = below noise



LOOP SHOOT-OUT
at East Harwich



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Section 2: Gain Evaluation

Table 3: Strength of some Moderate to Good Signals on the Kiwa Loop

Kiwa	WEZE - 590 S9 + 30	WBZ - 1030 S9 + 28	WBAE - 1490 (over WHAV) S-8
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Table 4: Differences (dB) in Gain from Kiwa

Antenna	WEZE - 590	WBZ - 1030	WBAE - 1490 (over WHAV)
QX Normal head	+9	+11	+9
QX Pro head	+14	+13	+12
QX Large head	+16	+15	+14
sloper	0	+4	+6
MFJ-1024 Whip	+4	+9	*
1.8 m per side square broadband loop with ALA-1530 amplifier	0	-8	*

* = data not recorded

Conclusions and Additional Comments

In terms of weak medium wave station signal to noise (sensitivity), the ranking of the loops tested (best to worst) is as follows:

1. Quantum QX with Large (17") head
2. Kiwa Loop
3. Quantum QX with QX Pro (15") head
4. Quantum QX with Normal (8.5") head

The differences between #1 and #2 or between #2 and #3 of the above list were very slight and would not make any difference in 99% of listening situations. The Quantum QX with the Normal head is a bit lower in signal-to-noise sensitivity (4 to 8 dB) than the front-runners, but it is still very capable for its size.

The Kiwa Loop has less "raw output" than the Quantum models, but unless you're using a mediocre receiver, it's signal to loop-amp noise that matters. In that department, as noted above, it's a very close horse race. The Kiwa is varactor-tuned; the Quantum models are tuned with a conventional variable capacitor. That the Kiwa has very good weak-signal pick-up indicates that speculations about varactors introducing objectionable noise seem unfounded.

The Kiwa has some advantages in terms of the head unit being separate from the control base (you'd put the head in a window or on a balcony if in a hotel, for instance), more precise rotation and tilting for nulls, and a fine-tuning control that's particularly worthwhile when using regeneration.

An important advantage of the Quantum QX Pro is that it can be used on longwave as well as on medium wave. Also, the QX Pro head has an input for an external wire antenna. This can be useful in transforming the loop into a regeneration-capable tunable preselector for longwires. This is often done when the loop itself cannot be used because it's located in a vehicle, mobile home, or steel-framed commercial building.

As the "East Harwich Loop Shoot-Out" showed, the Kiwa and Quantum loops are worthy "power tools" for the avid DXer. Prospective purchasers will do well to consider how the features, size, price, and performance specifications all interact to determine the wisest choice.

Kiwa Loop information: (web) <http://kiwa.com/>

Quantum Loop information: (e-mail) radioplus@pcola.gulf.net; (web) www.dx-tools.com

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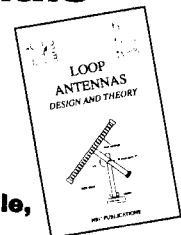
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College Sports Networks

Network listings for college team sports stations

Here's another batch of college football networks for the current season. Please forward any network lists you may have access to that we can publish, or even web sites you know of that include lists. Or, let me know what network you're interested in and we'll try to find it.

OREGON STATE BEAVERS

840	KKNX-OR	1230	KQIK-OR	1380	KSRV-OR	92.1	KWVR-OR
	KSWB-OR	1240	KQEN-OR		KRKO-OR	93.5	KQIK-OR
910	KURY-OR	1250	KCST-OR	1440	KMED-OR	94.1	KTBR-OR
940	KXUX-OR	1290	KUMA-OR		KODL-OR	95.3	KURY-OR
960	KKJX-OR	1310	KNPT-OR	1490	KCID-ID	100.5	KCGR-OR
1190	KEX-OR*	1340	KLOO-OR	1590	KMBD-OR	106.1	KLOO-OR
1230	KVAS-OR		KWVR-OR			106.9	KCST-OR
	KHSN-OR	1360	KOHU-OR				

STANFORD CARDINALS

540	KIEZ-CA	1190	KEZY-CA	1380	KHJJ-CA	1450	KPSI-CA
710	KFIA-CA	1350	KBID-CA	1430	KFIG-CA	1520	KUTA-CA
1050	KTCT-CA*	1360	KUIK-CA	1440	KVON-CA		

UCLA BRUINS

610	KAVL-CA	1110	KAOI-HI	1340	KCBL-CA	1460	KENO-NV
760	KGU-HI	1150	KXTRA-CA*	1400	KVBL-CA	1490	KMET-CA
850	KBET-CA	1220	KIIS-CA	1450	KVEN-CA	1560	KNZR-CA
920	KBAD-NV	1240	KJAA-AZ				

USC TROJANS

690	XTRA-MX*	1340	KRLV-NV	1430	KFIG-CA	1540	KMPC-CA
1230	KGEO-CA						

WASHINGTON HUSKIES

550	KTZN-AK	820	KCBF-AK	1430	KBRC-WA		
560	KPQ-WA	1000	KOMO-WA*	1450	KBKW-WA	94.3	KKEE-OR
610	KONA-WA	1030	KMAS-WA		KONP-WA	96.9	KGY-WA
620	KRLV-NV	1170	KPUG-WA	1460	KMWX-WA	97.5	KZLN-WA
680	KOMW-WA	1360	KUIK-OR	1470	KELA-WA	98.5	KEYG-WA
790	KJRB-WA	1400	KLCK-WA	1490	KLOG-WA	106.3	KSUP-AK

WASHINGTON STATE COUGARS

660	KAPS-WA	950	KJR-WA*	1420	KUJ-WA		
790	KGMI-WA	1240	KCVL-WA	1430	KCLK-WA	92.7	KNCW-WA
850	KHHO-WA		KGY-WA	1450	KCLX-WA	99.5	KXA-WA
870	KFLD-WA	1270	KBAM-WA	1470	KBSN-WA	102.9	KMNT-WA
920	KXLY-WA	1310	KZXR-WA	1490	KEYG-WA	106.1	KZFN-ID
930	KJOX-WA	1370	KWNC-WA	1550	KVAN-WA		

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 nrclog@aol.com. Thanks!

County Cross Reference

What a time to have a complete list of counties, parishes, and similar political divisions in the U.S. and Canada. Two lists are included: alpha by county, and by state. Compiled by Bill Hale and designed and produced by Wayne and Joan Heinen. \$7.50 for members, \$10.95, non-member. Order "CCR" from the NRC Publications center; NY residents, please include sales tax.

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560	WNSR-TN		WFEB-AL			100.1	WDXX-AL
860	WAMI-AL		WTYS-FL	92.7	WAFN-AL	100.9	WCJM-GA
920	WGOL-AL	1350	WGAD-AL	93.5	WQGL-AL	101.3	WAGF-AL
990	WLDX-AL	1360	WMFC-AL	94.1	WZBQ-AL	101.9	WAFX-AL
1010	WIOJ-FL	1400	WAVD-AL	95.3	WFFN-AL	102.3	WAMI-AL
	WMOX-MS		WMXN-AL	95.5	WASZ-AL	104.9	WDWG-AL
1050	WRFS-AL		WFAV-FL		WFMH-AL	105.5	WVNA-AL
1110	WBIB-AL	1430	WFNK-AL	97.5	WSSY-AL	105.7	WCSN-AL
1190	WHY-AL	1450	WDNG-AL	97.7	WEZZ-AL	105.9	WRHY-AL
1230	WJBB-AL		WSMQ-AL		WKLD-AL		WKXM-AL
1240	WARF-AL		WTKI-AL	97.9	WDMT-AL	106.3	WKNU-AL
	WPBQ-MS	1490	WHBB-AL	98.3	WKEA-AL	106.9	WODL-AL
1270	WYXC-GA	1530	WASC-SC	98.5	WINL-AL	107.7	WFXX-AL
1300	WKXM-AL						

ARKANSAS RAZORBACKS (<http://www.katv.com/arsn/index2.html>)

Paul Eells, Keith Jackson, Scott Inman, Quinn Grovey

610	KARV-AR	1400	KWYN-AR	96.7	KDYN-AR	103.7	KSYG-AR
630	KVMA-AR	1420	KXOW-AR	97.1	KAMD-AR	103.9	KPOC-AR
670	KWXI-AR		KPOC-AR	99.5	KREB-AR	104.5	KWXE-AR
690	KEWI-AR	1490	KOTN-AR		KMTB-AR	104.7	KEZU-AR
730	KSUD-AR	1540	KDYN-AR	100.5	KZHE-AR	104.9	KAGH-AR
800	KAGH-AR	1570	KBRI-AR	101.3	KPBQ-AR		KHPA-AR
860	KWRF-AR	1580	KDFD-AR		KARV-AR	105.5	KPFM-AR
900	KHOZ-AR			101.5	KISI-AR		KWAK-AR
920	KARN-AR	92.1	KDQN-AR	101.7	KKRN-AR		KWRF-AR
970	KCFO-AR		KKEG-AR		KVOM-AR	105.9	KLAZ-AR
980	KCAB-AR	92.3	KSAR-AR		KCTT-AR	106.5	KKOL-AR
1030	KFAY-AR	92.5	KWYN-AR	102.1	KENA-AR	106.9	KYXK-AR
1190	KREB-AR	93.3	KAGL-AR	102.3	KTRQ-AR		KXIO-AR
1230	KFPW-AR	93.5	KBFC-AR		KCJC-AR	107.1	KKSJ-AR
1240	KWAK-AR	95.9	KUUZ-AR	102.5	KARN-AR		KDRS-AR
1290	KUOA-AR	96.1	KCWD-AR	102.9	KHOZ-AR	107.9	KEZA-AR
1300	KFLO-LA	96.3	KHLS-AR	103.1	KFFA-AR		KVMA-AR
1340	KBTA-AR	96.7	KREB-AR	103.3	KWOZ-AR		
1360	KFFA-AR		KOKR-AR				

AUBURN TIGERS (http://www.aunetwork.com/affiliate/index_affiliate.html)

Jim Efyffe, Stan White, Paul Ellen, Quentin Riggins, Rod Bramblett

570	WAAX-AL	1250	WHNY-MS	1530	WASC-SC	97.7	WKLD-AL
630	WJDB-AL	1260	WFTW-FL	1550	WLOR-AL	98.3	WAWV-AL
690	WJOX-AL	1270	WYXC-GA	1570	WCRL-AL	99.5	WZRR-AL
740	WMSF-AL	1280	WPID-AL			99.9	WQNR-AL
810	WNSI-AL	1310	WHEP-AL	92.1	WKUL-AL	100.1	WDXX-AL
890	WGTX-FL		WPLV-GA	92.3	WLWI-AL	102.3	WELR-AL
970	WTBF-AL	1330	WZCT-AL	92.7	WJBB-AL	102.9	WVRK-GA
990	WEIS-AL	1360	WZPQ-AL		WEYY-AL	103.7	WAAO-AL
1130	WACQ-AL	1390	WHMA-AL	93.3	WPGG-AL	103.9	WQLS-AL
1210	WJRL-AL	1410	WLAQ-GA	94.3	WQZX-AL	105.1	WPFL-FL
1220	WABF-AL	1450	WVNA-AL	95.1	WRIT-AL	105.5	WNSP-AL
1230	WAUD-AL	1470	WJJK-AL	95.5	WJDB-AL		WVNA-AL
	WTBC-AL	1490	WAJF-AL	95.9	WTWX-AL	105.7	WCSN-AL
1250	WZOB-AL		WHBB-AL	97.3	WZLM-AL	106.5	WZNJ-AL
	WANL-GA						

Need more information about AM DX'ing?

Mail a First-Class stamp to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164 and ask for the NRC Publications Catalog.

FLORIDA GATORS (<http://www.gatornetwork.com/html/affiliates.html>)

Mick Hubert, Steve Babik, James Jones, Scot Brantley

540	WQTM-FL	1130	WWBF-FL	1400	WFTL-FL	97.3	WLQH-FL
620	WDAE-FL	1230	WSBB-FL		WPRY-FL	98.1	WTKE-FL
770	WWCN-FL		WONN-FL		WZHR-FL	100.7	WJZT-FL
790	WAXY-FL	1240	WFOY-FL	1410	WQBQ-FL	100.9	WJQA-FL
	WFSN-GA		WGBC-FL	1430	WLTV-FL	101.7	WDJY-FL
850	WRUF-FL	1250	WQHL-FL	1450	WWJB-FL	102.1	WWAV-FL
900	WMOP-FL	1260	WYD-FL	1570	WQAI-FL	102.3	WPHK-FL
920	WMEL-FL	1290	WJNO-FL	1600	WKWF-FL	103.7	WRUF-FL
930	WNZS-FL	1320	WAMR-FL			104.9	WAAZ-FL
940	WLGH-FL	1330	WJNX-FL	92.1	WJXR-FL	105.5	WNFK-FL
	WINZ-FL	1340	WDSR-FL	93.3	WPLA-FL		WYMR-FL
980	WTOT-FL		WITS-FL	94.3	WNFB-FL	106.3	WAFC-FL
1000	WYBT-FL	1350	WDCF-FL	95.3	WXCV-FL	106.9	WZZS-FL
1050	WJSB-FL						

GEORGIA BULLDOGS (http://georgiadogs.fansonly.com/multimedia/radio_outlets.shtml)

Larry Munson, Scott Howard, Loran Smith, Neil Williamson

550	WDUN-GA	1300	WMTM-GA	1530	WASC-SC	99.9	WSNT-GA
580	WGAC-GA	1330	WBTR-GA	1560	WPGY-GA	101.1	WTGA-GA
610	WCEH-GA		WMLT-GA	1590	WALG-GA	102.1	WWSG-GA
630	WBMQ-GA	1340	WTIF-GA		WTGA-GA	102.3	WKZR-GA
690	WOKV-FL	1370	WGHC-GA		WCSL-NC	103.9	WDDK-GA
730	WOHS-NC		WLOP-GA	1600	WFIS-SC		WQSY-GA
750	WSB-GA*		WDEF-TN			104.1	WRBN-GA
800	WJAT-GA	1420	WRCG-GA	92.1	WBTR-GA	105.1	WEHR-GA
850	WCUG-GA		WPEH-GA		WPEH-GA		WKUB-GA
860	WDMG-GA	1440	WGIG-GA		WYNR-GA	105.3	WSTI-GA
900	WJTH-GA	1450	WCON-GA	92.5	WEKS-GA	105.5	WIFO-GA
940	WMAC-GA		WMVG-GA	93.1	WBBK-GA	106.1	WNGC-GA
960	WRFC-GA		WGNC-NC		WRFN-GA		WYUM-GA
970	WVOP-GA	1470	WCLA-GA	93.5	WLJA-GA	106.3	WGMK-GA
980	WKLY-GA		WRGA-GA	93.9	WMTM-GA	106.5	WZBX-GA
1050	WLON-NC	1480	WRDW-GA	98.1	WJAT-GA	107.3	WCLA-GA
1240	WFOY-FL	1490	WSNT-GA	99.3	WCON-GA	107.5	WDBN-GA
	WPAX-GA		WSYL-GA	99.5	WDMG-GA		WTIF-GA
1250	WHNY-MS						

LOUISIANA STATE TIGERS (<http://www.lsusports.net/ad/randomlink.cfm?pagecode=lsunetwork>)

640	KTIB-LA	1400	WFPR-LA	92.9	KJEF-LA	102.7	KJNA-LA
730	WASO-LA	1430	KMRC-LA	93.5	KVPI-LA	103.9	KTHP-TX
870	WWL-LA	1440	KMLB-LA	93.9	KFAD-LA	104.3	KEZP-LA
920	WBOX-LA	1470	KLCL-LA	95.3	KASO-LA	104.5	KBYO-LA
970	KSYL-LA	1500	KCLF-LA	95.9	KZBL-LA	104.7	WJSH-LA
1050	KVPI-LA	1560	WSLA-LA	96.5	WTGG-LA	105.5	KFMV-LA
1130	KWKH-LA	1570	KLLA-LA	96.7	KBZZ-LA	105.9	KVOL-LA
1230	KSLO-LA			97.7	KAPB-LA	106.1	WKSY-MS
1240	KANE-LA	92.1	KLIL-LA		KPCH-LA	107.1	KFNV-LA
1250	WHNY-MS	92.3	KQLQ-LA	98.1	WDGL-LA		WHMD-LA
1290	KEUN-LA	92.7	KJAE-LA	102.1	WRQO-MS		KWLV-LA
1360	KBYO-LA	92.9	WBOX-LA	102.7	KWLT-AR	107.5	KCIL-LA

MISSISSIPPI (<http://olemisssports.fansonly.com/sports/m-footbl/spec-rel/radio-affiliates.html>)

560	WHBQ-TN		WROB-MS	94.5	WCMR-MS	99.1	WYMX-MS
940	WCPC-MS	1490	WCLD-MS	95.1	WQNZ-MS	99.3	WBIP-MS
980	WAPF-MS		WHOC-MS	95.3	WAFM-MS	100.1	WQXB-MS
990	WABO-MS		WTUP-MS	96.5	WKDJ-MS	100.9	WDXO-MS
1080	WSSI-MS	1570	WONA-MS	96.9	WXAB-MS	102.3	WKZU-MS
1230	WSSO-MS			97.3	WFMM-MS	105.5	WNLA-MS
1380	WNLA-MS	92.1	WBKN-MS		WFMN-MS		WTNM-MS
1400	WJWF-MS	92.5	WQYZ-MS	97.9	WMYQ-MS	107.1	WLSM-MS
1450	WCJU-MS	94.3	WXRZ-MS	98.3	WJDR-MS		WBYP-MS

Geomagnetic Summary

Phil Bytheway phil@radiodx.com
9705 Mary NW
Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary September 18 2001 through October 9 2001

GEO - Geomagnetic activity
maf - major flare
mas - major storm
mis - minor storm
pca - polar cap absorption
SA - Solar Activity
spe - satellite proton event
ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
9/18	199	12	2	moderate-high	quiet-unsettled	5 maf 1550
19	203	10	3	moderate-high	quiet-unsettled	3
20	199	8	1	low-moderate	quiet-unsettled	4
21	227	6	2	low-moderate	quiet-unsettled	3
22	239	8	2	low-moderate	quiet-unsettled	5
23	255	12	1	moderate	quiet-unsettled	4
24	259	20	3	moderate	unsettled-active	9
25	279	7	1	moderate-high	unsettled	5 maf 1038/pca/spe
26	275	16	5	moderate-high	mas	9 maf 0432/pca/spe
27	283	20	2	moderate-high	unsettled-active	5 spe 1215/pca
28	270	11	2	moderate	unsettled	6 spe/pca
29	266	12	3	moderate-high	unsettled-active	6 spe/pca
9/30	240	21	3	moderate-high	unsettled-mis 7 spe	
10/ 1	236	16	4	moderate-high	unsettled-mis	8
2	217	37	3	moderate-high	unsettled-mis	7 mis 0900/maf 0515/spe
3	201	33	4	moderate-high	unsettled-active	8 spe
4	192	35	4	moderate	unsettled-mis	7 spe
5	187	18	0	moderate	quiet-unsettled	4 spe
6	177	10	2	low	quiet-unsettled	3 spe ends
7	180	7	0	low-moderate	quiet-unsettled	3
8	173	2	2	low	quiet-unsettled	4
9	171	15	4	low	quiet-unsettled	8

Musings

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of the Members

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.

Dave Schmidt - P O Box 3111 - Scranton, PA 18505-0111

Looks like support for our column is falling off; guess it's time to drag out some ideas for members to build up some Musings! Last year, we tried "Memory Musings": some stories from members of past listening, what it was like 30 years ago, 20 years ago, 10 years ago, last year and even last week! What was the funniest station you ever heard? One that I caught back in the 70's was WMBA-1460 Ambridge, PA, who use to test a lot (like my many tests from WCHE-1520). Their tests sounded like something during regular schedule with Top 40 music, jingles, weather reports, talk, etc., etc. On one of the tests, Ted Rosetti starts a newscast, and before the weather says "WMBA Ambridge Transmitter Test Newstime...", I just about fell off the chair laughing, that was a new one. Another one that comes to mind is the old WHRN-1440 Herndon, VA, I caught a test from them in the 70's that sounded like a party, and my reception report noted it. I got a nice letter back from them saying that the station was wrecked from the party I heard on the air and they had just 'cleaned house'. Shortly after that, I got word that their transmission line was stolen! Ahhhhhh radio! Help JOHN BOWKER (he's always good for a few when we need them!!!!)!!! Deadlines are Friday (but I can sneak in a few if they show up on Saturday AM), so send them along, and we'll take care of the rest! 73's!