

DX News

Serving DX'ers since 1933



Volume 70, No. 24 - April 14, 2003 (ISSN 0737-1659)

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From the Publisher ... The weather is warming (none too soon for DX'ers in the Northeast), and there's still plenty of DX out there. We present a full 24 pages this time around, packed with DX and features for your entertainment, enjoyment, and elucidation (whatever that means). Enjoy!

DXN Publishing Schedule, Volume 70

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
25.	April 18	April 28	28.	July 4	July 14
26.	May 9	May 19	29.	Aug. 1	Aug. 11
27.	June 6	June 16	30.	Sept. 5	Sept. 15

DX Time Machine

From the pages of DX News:

50 years ago ... from the April 4, 1953 DXN: Joe Becker, Hamilton, OH, former long-time NRC President, wrote to say that he had quit DX'ing, saying that "... Those all-nighters are the ones who put the jinx on me." ... from the April 18 DXN: Hal Williams, Seymour, CT reported that CMCY-590, Havana, broadcast a Milkman's Matinee program Monday through Friday at 0035-0200, playing Cuban music with English announcements.

25 years ago ... from the April 1, 1978 DXN: Gerry Thomas and Charlie Barfield presented further methods of modifying the Realistic TRF for more accurate readout ... twenty-two-year-old D. Todd Hyder sent in his first Musing, reporting that he had worked at WBJW in Orlando and WOPI in Bristol, TN, and that he was

modifying HIS TRF for 10 kHz readout ... From the April 17 DXN: "Unsung heroes" who worked behind the scenes were listed as Karl Jeter, Reprints; Ken Chatterton, booklet publications and the New Member book; and Frank Dailey, who handled paperwork for Publications ... Don Davis published an article about, and list of, NDAB's (Non-Directional Aeronautical Beacons).

10 years ago ... from the March 29, 1993 DXN: Ernie Wesolowski said that WKIZ-1500 Key West was broadcasting with 100 watts ND, after the station's second station was toppled into the water March 12 by the "storm of the century" ... while Dave Schmidt reported that he finally got two days off March 12 and 13, due to the storm ... from the April 19 DXN: In his column "Target DX", Bruce Conti passed along comments about the GE Superadio III's audio quality ... and Guy Kudlemyer discussed DX software for Macintosh users.

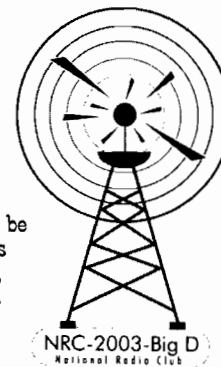
Where can you find an airport the size of Manhattan?
A ranch bigger than the state of Rhode Island?
And with your help what could be the largest gathering of AM Radio enthusiasts ever?

It's Texas, the Lone Star State, and this is your Texas-sized invitation to attend NRC 2003 in Big D, the annual convention, and 70th anniversary celebration of the National Radio Club.

Our host hotel is the Holiday Inn Select DFW South in Irving, TX, just minutes from the "big" airport. Rates will be \$69.00 per night, single or double. Convention registration is \$45.00, and \$25.00 for additional guests. John Callarman, Bill Hale, and Wally Wawro, this year's host committee, is working on a get together "like no other," so stay tuned as they share their ideas and plans for a memorable event.

Hotel reservation and convention registration information will be published in the *DX News* and announced on the DX Audio Service later in the spring.

Please plan to join us Friday, August 29 through Sunday, August 31 for a taste of Texas hospitality. It's NRC 2003 in Big D, the annual convention of the National Radio Club.



AM Switch

Jerry Starr jerry@nrcdxas.org
161 Fox St.
Hubbard, OH 44425-2122

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

CALL LETTER CHANGES

	<i>Old call</i>	<i>New call</i>	
750	WRIK	IL Brookport	WSBX
1170	WKLN	FL St. Augustine Beach	WSOS
1210	*New	FL Silver Springs	WKTT
1360	WGEE	WI Green Bay	WTAQ
1380	WGUS	SC North Augusta	WPCH
1380	KXCA	OK Lawton	KPTK
1560	WAOA	FL Melbourne	WINT
1590	WSNI	OH Hillsboro	WSRW*
1640	*New	MS Biloxi	WTNI
1690	KSXX	CA Roseville	KFSG

WICH-1310

P.O. Box 551
Norwich, Connecticut 06360

*Note: WSRW had call change to WSNI set aside and remains WSRW

APPLICATIONS FOR NEW STATIONS

1160	AL Saraland: 15000/2500 U2
1580	SC Georgetown: 20000/5000 U4

GRANTS FOR NEW STATIONS

650	WA Pullman: 3000/250 U2
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APPLICATIONS FROM EXISTING FACILITIES

620	WSNR	NJ Newark: 8500/8500 U4
1060	KLMO	CO Longmont: 10000/111 U1
1120	WMSW	PR Hatillo: 2600/5000 (2600 CH) U2
1290	KKAR	NE Omaha: 50000/5000 U4
1490	WICY	NY Malone: to 1500 kHz with 50000 (45000 CH) D3
1600	WEUP	AL Huntsville: 5000 D1

GRANTS TO EXISTING FACILITIES

680	WCTT	KY Corbin: 770/830 U2
890	KTXV	TX Frankston: 2000/8 U3
1220	WQUN	CT Hamden: 1000/305 U4
1340	WITS	FL Sebring: relocate transmitter
1390	WEED	NC Rocky Mount: 5000/30 U1
1400	KIGO	ID St. Anthony: to 1420 kHz with 50000/16 U1
1400	WWNZ	ME Veazie: 1000/810 U1
1450	KMMS	MT Bozeman: relocate transmitter
1510	WWBC	FL Cocoa: 750 D1, relocate transmitter
1570	WSCO	WI Appleton: 490/246 U1, relocate transmitter
1620	WPNS	AL Atmore: city of license to Gulf Breeze, FL
1640	KMKZ	OK Enid: 10000/1000 U4

OTHERNESS

750	WAAT	PA Olyphant: SILENT pending a sale
1050	WPLC	MD Silver Spring: SILENT
1130	WQIS	SC Camden: SILENT
1210	WDGR	GA Dahlonega: SILENT
1240	KDEC	IA Decorah: FCC cancelled license and deleted call, but the station claims this was an error and has filed for reinstatement.
1330	WPRN	AL Butler: SILENT
1450	WYFY	NY Rome: SILENT
1460	KCNR	CA Shasta: SILENT again (as noted in AMS V68 #29, KCNR moved from 1450 to 1460 but somehow this data was not transferred to the Log database, thus the

Log still shows KCNR on 1450. They are now on 1460 with 750/750 U2)
1520 KRHW MO Sikeston: CP for 5000/1600 (5000 CH) U7 is on
1530 WMBT PA Shenandoah: SILENT

THANKS: Bill Hale, Dave Schmidt, Dave Braun, Ed Krejny, Shawn Axelrod, Wayne Heinen, and Les Johnson

Jimmy & BKF

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

Domestic DX Digest

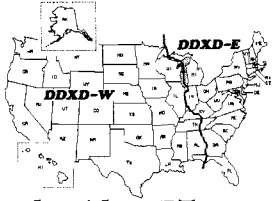
West: Bill Hale w_r_hale@sbcglobal.net

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

East: Ginnie Lupi ginnie@nrcdxas.org

PO Box 4014 - Clifton Park, NY 12065-0850

(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

- This week's turnout is not as good as the last one, but there are still some plenty-good reports for you to peruse. Keep up the good work, guys and gals!
- Overheard at the diner: "Not much listening this week due to Iraq & NCAA Tournament. Conditions early this a.m. (3/26) sounded better as KSTP-1500 was again pushing San Jose around but I was too tired to care (much)". - DKK-CA; "Just a few loggings this time around. With temperatures getting into the 70s here in western Colorado's Grand Valley, DX conditions are winding down. It's just a matter of time before lightning QRM will spackle the airwaves here." - BA-CO;
- Next deadline for DDXD-West: April 17th, 1800 CDT. See you there! Best of DX to All.

REPORTERS

BA-CO	Brian Avery	Fruita	Sangean ATS 404 receiver with a Radio Shack 15-1853 loop <yamsi531@msn.com>
RA-CA	Rene Auvray	Los Angeles; Westchester	'97 Crown Vic with Jensen Plus Tuner or '03 Ford Focus with Blaupunkt receiver; '97 Crown Vic with Jensen Plus Tuner
PG-CO	Patrick Griffith	Westminster	Drake R-8 and Kiwa Loop <AM-DXer@webtv.net>
DKK-CA	Don Kaskey	San Francisco	Drake R8A Kiwa Loop <kaskeyfamily@yahoo.com>
EL-IL	Eric Loy	Champaign	Drake R8 and Quantum QX <eclloy@netscape.net>
PAL-MN	Paul LaFreniere	Grand Marais	<plafren@boreal.org>
JJR-WI	John J. Rieger	South Milwaukee	Icom IC-R75, Kiwa loop, MFJ-959B tuner-preamp <johnjrieger@webtv.net>
KR-AZ	Kevin Redding	Mesa	Kenwood R-1000 and 60' wire <amfmdx@fastq.com>
MS-MB	Morris Sorensen	Winnipeg	DX-392 "barefoot" <mosor@shaw.ca>
Ed-TX	Editor	North Richland Hills	'99 Delco caradio



STATION NEWS & NOTES

750	WSBX	IL Brookport - Programming is now news and talk, using the slogan <i>News Talk 750 WSBX</i> . (100000watts.com) [A big threat to the 'real' WSB, hi! - Ed.]
940	KIXZ	TX Amarillo - 4/1 - Goes talk; ex: standards. (100000watts.com)
1050	KTCT	CA San Mateo - 3/26 - Changes imaging to <i>KNBR 1050</i> from <i>The Ticket</i> , reinforcing its relationship with sister sports station <i>KNBR 680</i> . (100000watts.com)
1060	KXPL	TX El Paso - Is now Spanish religion; ex: regional Mexican. (100000watts.com)
1150	KSVE	TX El Paso - Format now is regional Mexican; ex: Radio Unica. (100000watts.com)
1430	WQOW	WI Durand - 3/28 - Is now // 95.9 WJRV with Classic Rock format. (Upper Midwest Broadcasting: <http://www.northpine.com/broadcast/>)

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1580 WKKD IL Aurora - Changes to a religious format, along with // WONX-1590 Evanston. Ex: Spanish/ethnic. (Radio/DX Information from Wisconsin: <http://www.angelfire.com/wi/dxing/>)

1640 (WKSH) WI Sussex - 3/22 0600 - OFF! Something very weak in background. Carrier back on at 0612. (JJR-WI)

UNIDs and UNID HELP

810 UNID ?? - 3/17 2052-2055 - SS music on top of KGO, which started to get stronger as SS station faded. Any clues or hints? (RA-CA)

1010 UNID ?? - 3/22 0620 - Fair, though faded to poor, with lively SS. No slogans in 10 minutes. (JJR-WI)

1460 UNID ?? - 3/21 2325 - Fair, with C&W and news. *Classic country, 1460, The Ranch.* The stars and music from when country wasn't cool. (C/W format stations seem to like that ID). (BA-CO)

DX AND EQUIPMENT TESTS

1110 WTBQ NY Warwick - 4/1 0519-0535 - Heard with WBT, on DX Test, with CIDs, one voice address mention. Bet this got out well. New here. (EL-IL)

TIS & OTHER STUFF

1690 WQO808 CA Culver City - 3/24 1025-1030 - ID: *Your source for community and emergency information.* . . . also mentioning a new senior center and the Culver City mayor's luncheon. Also announcements for the Culver City Fire Department and the Public Information Office. (RA-CA)

REGULAR DX LOGGINGS (times in ELT) -f

550 KRAI CO Craig - 4/1 1025-1035 - Fair, with C&W. Weather forecast for *Colorado's beautiful Yampa Valley.* This is AM 55 country. (BA-CO)

590 KSUB UT Cedar City - 3/16 0125-0140 - Good, with *Barbara Simpson, Coast-to-Coast.* (BA-CO)

630 KHOW CO Denver - 3/29 0000-0010 - Good, with *This is 630, KHOW.* (BA-CO)

680 WJCE TN Memphis - 3/25 0740-0745 - With Tom Jones tune and ID. At 0745 KKYX went 50 kW non-DA and blew them away. Haven't heard Memphis is quite a while. [Ed.-TX]

730 KKDA TX Grand Prairie - 3/22 0642 - Poor, but steady, with *Soul 73 KKDA* after song. (JJR-WI)

780 KAZM AZ Sedona - 3/16 0142-0155 - Fair, with same Barbara Simpson show as on 590. Semi-documentary and movie promo for *Nature of the Core of the Earth.* (BA-CO)

790 KFYO TX Lubbock - 3/23 0635 - Fair, with news, weather, and *Coast-to-Coast* AM replay. (PAL-MN)

820 KORC OR Waldport - 3/30 0825-0835+ - Noted alone with minimal KGO-810 slop, playing an assortment of pop music, e.g. Don Williams' I Believe In You, followed by ID. Nasty buzz the only interference. (DKK-CA)

840 KMAX WA Colfax - 3/28 0245-0300+ - Booming in with *Coast to Coast* network show. Over KXNT, etal. ID at 0259:30 as *The station everyone's talking about-AM 8-40 KMAX Colfax. Eastern Washington's* No doubt still on day power. (DKK-CA)

870 KRLA CA Glendale - 3/12 2030-2040 - Good, with *This is Smart Talk, 870 KRLA.* (BA-CO)

950 WWJ MI Detroit - 3/25 2012 - Fair, in null of local CFAM, with a CBS report on the war in Iraq and man telling listeners to stay tuned to WWJ Radio. First time I've IDed anything in CFAM null. NEW! (MS-MB)

960 CFAC AB Calgary - 3/12 2042-2045 - Fair, with hockey. (Is this CC challenge still going on? (BA-CO) [No, but it's a good catch - Ed.]

970 KNUU NV Las Vegas - 3/12 2047-2100 - Good, with *News Radio 970 K-New.* (BA-CO)

990 WITZ IN Jasper - 3/23 0708 - Fair, with local ads and *Southwest Indiana's powerhouse, WITZ.* New. (PAL-MN)

990 KRMO MO Cassville - 3/23 0640 - Fair, with Your favorite country and bluegrass on KRMO. New. (PAL-MN)

1020 KKSC NE Plattsmouth - 2/26 1840 - Fair-to-good, with local news, many *Cass County*

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and *Nebraska* references. Mentioned *Your 50,000 watt source for news*, followed by John Deere ad and agricultural news. NEW! (MS-MB)

1020 KWIQ WA Moses Lake - 3/25 0340 - With ESPN, through KTNQ, with KYXE far below. Second time I've heard them in a week. Did they do something to their transmitter? (DKK-CA)

1030 KTWO WY Casper - 3/18 0004-0005 - Announcer saying snow was falling from Casper to the Rocky Mountains [Casper is IN the Rocky Mountains, hi - Ed.] plus giving temperatures. KTNQ QRM. (RA-CA)

1080 KSLT UT Price - 3/25 0345 - Over/under KOTK on ET with C&W music. Cutting on/off throughout. (DKK-CA)

1200 KYAA CA Soquel - 3/14 0856 - Strong and weak. Oldies tunes by Dionne Warwick and The Spinners. *Your Oldies Station, KYA 1200.* Announced weekend events followed by a Four Seasons song. (RA-CA)

1230 WTKG MI Grand Rapids - 3/11 2100 - Fair, with ID mentioning *Talk Radio* and *WTKG Grand Rapids* and another city whose name I didn't catch and *Clear Channel Communications.* Then into weather. NEW! (MS-MB)

1240 WSDR IL Sterling - 3/18 0641 - Poor, with calls in newscast. (JJR-WI)

1270 WLIK TN Newport - 3/18 0639 - Fair, in fade up, over WKBF, with promo and *CNN Business Minute.* OLDIES. (JJR-WI)

1280 KZNS UT Salt Lake City - 3/30 0705-0750 - Fair, with *The Sports Zone.* *Your source for Fox Sports Radio, where Bigger is Better.* Ads for *America's oldest Dodge dealership.* (BA-CO)

1340 KCBL CA Fresno - 3/23 1945 - With Fox Sports Radio program and slogan *The Ball.* They are // to someone but I couldn't figure it out due to a fade at the appropriate time. Thanks Murphy. New. (KR-AZ)

1340 KBBR OR North Bend - 4/1 0301 - With ad for Coos Bay Merchant followed by weather for Coos Bay area. Stayed atop maybe 20 seconds, then gone to an ESPN Radio station (probably KATA Arcata). (DKK-CA)

1420 KULY KS Ulysses - 3/21 2305 - Poor, with Real Country. Faded at 2310. (BA-CO)

1420 KITI WA Chehalis - 4/1 0308 - Probably the one with pop-rock music and mention of *Twin Cities.* Heard often at night. (DKK-CA)

1430 KEZW CO Aurora - 3/21 2312-2320 - Fair, with NOS. *For a great wake up, set your alarm to Rick Crandall, at 1430.* (BA-CO)

1490 KWAC CA Bakersfield - 3/24 0209 - Poked atop with a preacher. Black gospel program. (DKK-CA)

1490 KRNR OR Roseburg - 3/24 0158 - With *Thunder Road* C&W tune. ID at 0200 and into CBS News. Barely above QRM. (DKK-CA)

1510 KFNN AZ Mesa - 3/23 0100 - Loud at times under local KNRC, with the *Bruce Williams* talk program. Presumed on day power. *This is Financial News Radio, 1510, KFNN* at ToH. (PG-CO)

1620 KOZN NE Bellevue - 3/12 0800-0810 - Fair, with sports radio. An LSR catch, heard during a brief WTAW fade. (BA-CO)

1630 KKWY WY Fox Farm - 3/22 0620 - Poor, though steady in KCJJ null, with KWY and C&W. (JJR-WI)

1640 KDZR OR Lake Oswego - 3/25 0359 - FINALLY heard call ID at 0359 through KDIA. Pretty decent signal. (DKK-CA)

1690 KFSG CA Roseville - 1/31 0100 - SS music and talk under local KDDZ. Then *KFSG, Roseville-Sacramento* in heavily accented EE at ToH and into EE promo for *Southpointe Christian Center* event with a variety of food on March 31st. Telephone 916-456-3288 for more information. Thanks to John Wilkins for the tip on the call change that sent me looking for this one. I'm very happy with this, as the transmitter is 887 miles from me and KDDZ is only 18 miles. Fortunately KDDZ is directly south of me and I am able to get a null for east-west. Ex: KSXX. (PG-CO)

1690 KFSG CA Roseville - 3/22 1100 - With ID *KFSG Roseville-Sacramento*, playing *Norteña(?)* music. Still in SS. Ads followed their ID. Thanks Pat Martin/Robert Wein for the tip. Ex: KSXX. (DKK-CA)

GRAVEYARD DX UPDATE

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

DDXD-East ✓

REPORTERS

MKB-ON Mike Brooker, Toronto - Panasonic RF-2200; Grundig YB-400PE.
 SC-IN Steve Chappell, McCordsville - Bearcat DX-1000; 3 terminated loops.
 BC-NH 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.
 RJE-PA Russ Edmunds, Blue Bell - Hammarlund HQ-150 w / 4' amplified air-core loop.
 RJE*PA Russ Edmunds, Blue Bell - Car radio & whip.
 JF-ON Jeff Falconer, Clinton - AOR AR7030+, pair of 130' EWE antennas, MFJ-1026 phase box.
 PG-MA Phil Greenspan, Marshfield - Superadio III.
 DH-NJ Dave Hochfelder, New Brunswick - Sony ICF-2010 with Quantum QX Pro.
 RWK-CT Rick Kenneally, Wilton - Drake R8B, Sony 2010, lots of wire, Quantum phaser, Quantum QX Loop.
 JR-NY Jim Renfrew, Byron - Drake R8, longwires, Quantum Phaser.
 RR-NC Rick Robinson, Hendersonville - Sony SW7600GR with RS Loop and Radio Plus Q-Stick antennas.

FREQUENCY CHALLENGE - 960 kHz


WELI CT New Haven - 3/21 1835 - Good; "News/Talk 960 WELI," message from Connecticut Department of Public Health, and *Real Money* talk show. (BC-NH)
 + 3/24 0630 - Talk program, ID and into news, atop channel. (RJE*PA)
 WRFC GA Athens - 2/28 0840 - Dominant morning signal. Georgia Tech basketball reports, "Georgia sports on Sports Radio AM 9-60 The Ref. Your home for Mayhem in the AM.". (RR-NC)
 KMA IA Shenandoah - 3/26 2047 - poor with promo for "America On The Road" program on "Regional Radio, KMA", weather report. (JF-ON)
 + 3/30 2325 - ID WELI in CHNS/WEAV mix. (PG-MA)
 WFGL MA Fitchburg - 3/23 1400 - Excellent; contemporary Christian music, "This is 960 WFGL Fitchburg, an outreach of CSN International." (BC-NH)
 + 3/27 1959 - Caught weak but clear ID in brief WEAV-NY dead air - ID and promo for Horizon Christian Fellowship. New. (RWK-CT)
 + 3/31 1354 - Religious programming. Mention of Calvary CCD.org and toll free number 800-786-4560. Weak signal. Fading in and out. (PG-MA)
 WHAK MI Rogers City - 3/24 1630 - good over WKVX with ID "You're listening to the Michigan Talk Radio Network on WHAK", state news and weather, Dave Barber Show. (JF-ON)
 WEAV NY Plattsburgh - 3/23 1830 - Clear Channel promo for 96.7 The Zone and also for 960 WEAV, quite strong. (RJE-PA)
 + 3/26 0510 - "The Zone 960 AM, 96.7 FM," briefly over WELI and CHNS. (BC-NH)
 + 3/27 1958 - Good in WELI-CT null, with "The Zone" sports, juvenile Don & Mike show, and more sports. ID "The Zone, AM 9-60, WEAV Plattsburgh and 96.7 FM Willsboro/Burlington". (RWK-CT)
 + 3/30 2325 - Fair signal. ID as "The Zone 960 AM, 96.7 FM, official CNN news source." Back to Drudge. (PG-MA)
 WAAK NC Dallas - 3/28 0845 - Fair signal in WRFC null. Local weather report for Gastonia area "from the AM-960 WAAK weather team." (RR-NC)
 WRNS NC Kinston - 3/24 1830 - Country, then ID, weak u/WEAV, WELI. (RJE-PA)
 WKVX OH Wooster - 3/24 1631 - poor under WHAK on west wire with oldies, "Oldies 960 KVX" slogan. (JF-ON)
 WHYL PA Carlisle - 3/23 1730 - ID and promo, oldies - the usual pre-sunset dominant here in WPEN-950's null. (RJE-PA)
 + 3/24 0625 - Good; many call letter IDs, "You're listening to the music you love on your transistor radio..." and nostalgia. (BC-NH)
 WILT PA Mount Pocono - 3/21 1845 - Fair; sign-off with mention of sunrise to sunset operation, "The musical voice of the Poconos" and "960 WILT Mount Pocono" ID, later at 1945 heard still on with WVPO ID, so sign-off announcement must have been for 840 WVPO. (BC-NH)
 + 3/26 1800 - Local ad then ID for 840 WVPO and 960 WILT. (RJE-PA)
 + 3/27 1900 - surfaced over Kingston's oldies with top of hour ID: "WVPO

YOUR
WeUP

MOUNTAIN STATE HERITAGE STATION

Stroudsburg, WILT Mount Pocono" into CNN special report on the war in Iraq. (MKB-ON)

WFIR VA Roanoke - 3/24 0100 - presumed with regular programs replaced by non-stop ABC news coverage of Bush War II: "you're listening to continuing coverage of the war with Iraq on ABC news". No top of hour ID, but WFIR is the major pest on 960 here, dominant almost every night. (MKB-ON)
 + 3/24 1820 - Talk, then program promo including calls. (RJE-PA)
 + 3/26 1945 - good over CFFX with "Savage Nation", ID "The Roanoke Valley's news authority, WFIR". (JF-ON)
 CHNS NS Halifax - 3/21 1900 - Good; "From Halifax, at 960 on the AM dial, this is Oldies 96 CHNS, a Maritime Broadcasting System station," and oldies music including Canadian-content hits "Clap For the Wolfman" by the Guess Who and "You Ain't Seen Nothin' Yet" by BTO. (BC-NH)
 + 3/24 0102 - Excellent on northern wire with "Lite My Fire" by Doors, then "From Halifax at 960 on the AM dial, this is Oldies 96 CHNS. A Maritime Broadcasting station." Then Diana Ross. (RWK-CT)
 + 3/30 2320 - ID "Oldies 960 CHNS". "Weather on the 20's" into "Bad Moon Rising". Strong signal. (PG-MA)
 CFFX ON Kingston - 3/22 1402 - fair with Kingston weather, "Oldies 960" slogan, oldie by The Beatles. (JF-ON)
 + 3/24 1930 - Promo for Toronto Maple Leafs Sports Network, ID. (RJE-PA)
 + 3/25 0745 - my number 2 pest on 960, with slogan "Kingston's fun oldies, Oldies 960" into *Don't go Breaking my Heart* by Elton John and Kiki Dee. (MKB-ON)

DX TEST  Radio Vida La Voz Del Evangelio

910 WEPG TN South Pittsburg - 3/20 0100 - not heard here, only KVIS and KLCN. (JF-ON)

PRESUMED

1190 WSDQp TN Dunlap - 3/29 2200 - Strong at times over nulled WOWO. Country request show "The Party Line" and "bestcountryaround.com." AM DX sites say it's this station. No IDs or local ads, only dead air where they should have been. Listed as daytime. (SC-IN)

STATION LOGGINGS

850 WRBZ NC Raleigh - 3/25 1931 - Good: "North Raleigh Hilton" and "Sports Radio, The Buzz." (SC-IN)
 910 KVIS OK Miami - 3/20 0100 - strong with GOS music, ID "You're listening to 910 AM, KVIS, Miami, Oklahoma, we're 'The King's Vision'". (JF-ON)
 KLCN AR Blytheville - 3/20 0126 - poor with classic C&W music, ID "Classic Country, KLCN". (JF-ON)
 930 CFBC NB Saint John - 3/15 2332 - fair mixing with WBEN with ID "One great memory after another, 'Goodtime Oldies 930', CFBC", into concert promo. (JF-ON)
 950 WROL MA Boston - 3/31 1900 - English ID as "WROL, AM 950, Boston" over play-by-play Spanish coverage of the Red Sox/Devil Rays baseball game. In under WPEN-PA's Phillies/Marlins game from 1820 on. Last heard in North Jersey as WRYT. (RJE-PA)
 980 CFPL ON London - 3/26 1830 - ID bubbling up out of the mess - not often heard. (RJE-PA)
 WONE OH Dayton - 3/26 1835 - Local ad, station promo and ID - very rare here. (RJE-PA)
 1000 WLNL NY Horseheads - 3/27 0830 - fair with ID "WLNL, Horseheads" into SRN News. Rare, no sign of usual WCCD. (JF-ON)
 1130 WASP PA Brownsville - 3/27 0845 - poor with WDFN/WNEW with OLD music, "Oldies Radio FM 99" slogans. Rare. (JF-ON)
 1170 WDIS MA Norfolk - 3/18 1900 - Fair with full signoff by soft-voiced man "AM 11-70 now ends its broadcast day". Mixing with WCTF-CT s/off. (RWK-CT)
 WCLN NC Clinton - 3/25 1810 - good over WWVA with OLD music, "Oldies 1170" slogan, promo for contest sponsored by WCLN and Piggily Wiggily. (JF-ON)
 1200 WSML NC Graham - 3/25 1816 - way down in crud with ID "AM 600 and 1200, WSVS", Dow Jones Industrials given. (JF-ON)

- 1240 WSBC IL Chicago - 3/24 1839 - good with jazz, "Shadow Traffic" courtesy The Chicago Journal, then "Jazz Calendar" (info on Chicago jazz scene). New! (JF-ON)
- WSDR IL Stirling - 3/24 1847 - poor in mess with "Here on AM 1240, WSDR..." (JF-ON)
- WATT MI Cadillac - 3/24 1852 - faded up briefly with ID "Tune in every hour on the hour for USA Radio News on 'News Talk 1240', WATT, Cadillac". (JF-ON)
- WVKZ NY Schenectady - 3/27 0700 - Above local WBUR. ID'd as the "New Talk 1240." Described programming day with Dolans 1-3 and Sean Hannity 3-6. (PG-MA)
- 1250 WIPS NY Ticonderoga - 3/9 0700 - Good with voice suddenly out of nowhere - sounded like engineer saying "WIPS AM 12-50, Ticonderoga NY", then full recorded signon. (RWK-CT)
- WDVA VA Danville - 4/1 2000 - UC; voice ID at TOH, with hesitation between "W" and "D", followed by motor noises. Mixing in with WMTR-NJ and WEAE-PA. (PC-VA)
- 1290 WHKY NC Hickory - 4/3 0005 - good; dominant at times. Carrying ESPN; local ads after top of hour, followed by call ID. New. (DH-NJ)
- 1380 WLRM TN Millington - 3/28 2154 - Fair: "1380 WLRM Memphis" then Black Gospel tune. (SC-IN)
- 1400 WRAC PA Williamsport - 3/19 2337 - poor with ID "AM 1200 and 1400, WRAC" into Dr. Dean Edell Show. (JF-ON)
- 1450 WTSA VT Brattleboro - 2/28 2000 - Weak in mush with break in Sporting News Radio, then "Sports Radio 1450 WTSA Brattleboro..." (RWK-CT)
- 1550 WURP PA Braddock - 3/24 1750 - fair with CBE/WMRE with ID "WURP, Braddock. Pittsburgh's new talk station is '1550 The Edge', WURP" into the "Don and Mike Show". (JF-ON)
- 1580 WZZJ MS Pascagoula - 3/23 2019 - Very weak: "Today's praise and worship, Joy 1580 WZZJ." (SC-IN)
- 1590 WONX IL Evanston - 3/25 1900 - fighting WAKR with SS talk, many mentions of "la guerra" of course, top of hour EE ID: "WONX, Evanston-Chicago". (MKB-ON)
- TIS, HAR
- 1610 WPWC517 NY Rochester - 3/15 1030 - new station with short "New York State DOT Highway Advisory Radio" tape loop. (JR-NY)

What a Time-saver - the County Cross Reference

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.

The **NRC AM Radio Log, 23rd Edition**, including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. \$19.95 to U. S. members; \$25.95 to U. S. non-NRC members; to Canadian members, \$23.00 (\$29.00 to non-NRC members). Airmail to members in western Europe (except Italy) and Australia, New Zealand, and Japan: \$29.00. All others contact us for exact prices. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).



International DX Digest

Bruce Conti nrcidx@aol.com

46 Ridgefield Drive
Nashua, NH 03062-1174

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

Transatlantic DX

- 153 ALGERIA Béchar MAR 5 0252 - Female Arabic caller, male talk host, time pips on the hour, good signal parallel 549, weak/interference - no Germany under. [Stromsted-MA]
- 153 GERMANY DR Donebach MAR 26 0218 - Classical chamber music - string trio, big signal with Algeria way under, also parallel 207, good, slight (MJ) beacon interference, parallel 549, 756, 6190 (all poor). [Stromsted-MA]
- 162 FRANCE RFI Allouis FEB 08 0951 - Chanson, French vocal with guitar, much stronger signal than previously (wonder if they have improved facilities?). + MAR 7 0937 - Morning program, French poor/fair parallel 1375.02 (very weak), faded at 1000. + MAR 11 0842 - French political talk, male & female French, poor parallel 1375.02 St. Pierre (fair), a second later no interference. [Stromsted-MA]
- 171 MOROCCO RMI Nador FEB 06 0716 - Morning show - male and co-hosts with news, fast delivery, loud. [Stromsted-MA]
- 176 GERMANY Deutschlandradio, Oranienburg - Rock music with American vocal lyrics, Afro style drums, poor signal parallel 6097. [Stromsted-MA]
- 189 ICELAND Ríkisútvarpið, Gufuskálar JAN 11 0305 - Mostly American music with vocals, straight through the hour, no station break or announcements. Really big signal! Loudest TA. + JAN 17 1944 - Icelandic male and female teletalk, fair but loudest TA tonight. + FEB 08 1000 - Station break chimes? News in Icelandic, fast delivery, poor signal, some beacon interference. [Stromsted-MA]
- 207 GERMANY DLF Aholming MAR 26 0218 - Classical chamber music - string trio, good signal with Morocco way under, also parallel 153 loud, slight (MJ) beacon interference, parallel 549, 756, 6190 (all poor). [Stromsted-MA]
- 207 MOROCCO RTM Azilal FEB 21 0255 - Arabic music, male yelling, chorus (holy music) fair signal over beacons, at 0300 advertisement; sound of a car accelerating, then tones and two Arab males with "sapor w a Mercedes?" + MAR 5 0233 - Loud signal, fast Arabic rock style music with French lyrics followed by traditional music, much percussion instrumentation. + MAR 22 0120 - Arabic talk show, loud, lots of emotional discussion, MJ beacon under, best on east wire. [Stromsted-MA]
- 225 POLAND Polskie Radio, Konstancynow DEC 18 2204 - Male and female Polish newscasters, alternating news items, fair signal with SZO beacon over (filtered). + JAN 22 0531 - Polish talk, deep voiced male and high pitched male. Poor signal under SZO beacon, best on upper side band (ssb). [Stromsted-MA]
- 234 LUXEMBOURG Junglinster MAR 22 0120 - Dance music, French DJ, CW het interference, weak signal. [Stromsted-MA]
- 243 DENMARK Danmarks Radio Program 1, Kalundborg DEC 18 2204 - News in Danish, male reporter, included on-location reports, poor/fair parallel 1062 (fair-good). [Stromsted-MA]
- 252 ALGERIA Tapaza MAR 22 0123 - Religious chant a cappella high tenor with strings, big signal, loudest TA tonight, YTF beacon. [Stromsted-MA]
- 261 RUSSIA R.Rossii, Taldom DEC 12 0310-0320 Tentative; female Russian talk, weak with beacon interference but same as 5930 Monchegorsk RR regional (50 kW). [Stromsted-MA]
- 1476 UNITED ARAB EMIRATES UAE Radio, Dubai MAR 24 0114 - Tentative; shrill Middle Eastern vocal, then talk; fair. [Connelly-MA]
- 1503 IRAN IRIB Bushehr MAR 24 0038 - Emotional a cappella Koranic vocal; to fair peak, dominant at the time. + MAR 24 0114 - Now fading under Spain. [Connelly-MA]
- 1503 SPAIN RNE R.5 synchros MAR 24 0114 - Fast Spanish talk; evenly mixed with Iran. [Connelly-MA]
- 1512 SAUDI ARABIA BSKSA Jeddah MAR 24 0037 - Koranic vocal, then preaching; good, some WWZN slop. [Connelly-MA]
- 1521 SAUDI ARABIA BSKSA Duba MAR 24 0304 - Arabic news mentioning Iraq and Kuwait; huge, blowing out WWKB. + MAR 29 2248 - Parallel 9555 and 9870 with in-studio panel discussion: two or three men in Arabic; fair. [Connelly-MA]
- 1548 KUWAIT R.Sawa, Kabd-Kuwait City MAR 24 0046 - Arabic program; to fair peak. + MAR29 2254 - Arabic talk by excited woman and calmer man, parallel 9530, 7195, 7280. [Connelly-MA]

1557 FRANCE Nice MAR 24 0042 - French newstalk; good. [Connelly-MA]

Erik speaks: Long wave reception during the winter months was mostly good and sometimes really big signals heard on 153, 162, 171, 189, 234 and 252 kHz often with minimum static. Now noise is typically heavy and reception increasingly tough but with some good nights. I used a northeast long wire but sometimes an east wire was better on beacon interferers, particularly for North African signals on 171, 207 and 252.

Pan-American DX

- 530 **TURKS AND CAICOS** *R. Visión Cristiana* MAR 25 0400 - Spanish ads for local churches in the NYC area after the Spanish/English legal IDs. Generally very good! + MAR 29 0507 - Fair with a female Spanish vocal, but usually excellent most of the time the past night! [Chiochiu-QC]
- 600 **DOMINICAN REPUBLIC** Santo Domingo MAR 19 0254 - Merengue music, mixed with program announcements from *R. Rebelde* Cuba. + MAR 25 0356 - Bachata music way under WICC. [Chiochiu-QC]
- 640 **CUBA** *R. Progreso* MAR 29 0346 - Son music to 0358 when I hear the Cuban theme song with the canned ID, "Radio Progreso cadena nacional, La Onda de la Alegría... sol de la Habana, Cuba, primer territorio libre en América," followed by the *Perspectiva* program. Fair to very poor. Then at 0354 very good with news summary program and some Eurodance team samples played before the summary announcements, mostly about education in Cuba and other Cuban news, no item was about the war in Iraq. [Chiochiu-QC]
- 640 **VENEZUELA** YVQO *Unión Radio*, Puerto La Cruz MAR 29 0306 - Newscast with recognizable *Unión Radio* news jingle, in the mix with Cuba and others. Occasionally to very strong level with less interference at other times the past night. [Chiochiu-QC]
- 640 **GADELOUPE** *R. Guadeloupe*, Pointe-à-Pitre MAR 19 0337 - Talk in accented French about the disadvantages of the war in Iraq, then time-check and *Radio Guadeloupe* ID. Very strong and alone on channel! + MAR 29 0504-0523 - Very strong with little interference, occasionally excellent; with *France Info* relay (a news/weather/sports station in France). All the news items heard were about the war in Iraq. [Chiochiu-QC]
- 750 **VENEZUELA** YVKS *RCR* Caracas MAR 25 0353 - Sign off with the YV anthem "Gloria al Bravo Pueblo." Poor signal, but just slightly under WSB which was only fair the past evening. + MAR 29 0313 - Man in Spanish. Fair with lots of interference from WSB. [Chiochiu-QC]
- 760 **COLOMBIA** HJAJ *RCN Barranquilla* MAR 29 0306 - Edición Cultural program; man said "Bienvenidos..." and other welcome announcements, then Colombian music. Pretty good for several minutes; tried for Radio Mar Plus (OAZ4X), but no such luck! Earlier this evening, before 9 p.m. EST, in RCN null (which was very weak and not dominating the channel like later), I could get a country domestic. Has WJR changed their format from news/talk to C&W? I haven't listened to them in quite a while. [Chiochiu-QC]
- 890 **CUBA** CMDZ *R. Progreso*, Cumbas MAR 29 0216 - Playing "Too Much Heaven" by the Bee Gees followed by a Cuban pop song. Then a man in Spanish with a mention of "onda de la alegría" followed by news, the *Ritmos* program with a salsa song, then the rest of the music played on the *Ritmos* program was son music (very similar to Venezuelan llanera music - such as Juan Vicente Torrealba or Simón Díaz). Very strong signal with only very occasional interference from remains of nulled WLS and background het from WCBS-880. [Chiochiu-QC]
- 1150 **MEXICO** XEUAS Culiacán, SIN MAR 27 1159 - Very slow instrumental anthem, followed by a soft-voiced gal with sign-on announcement at 1200: "Radio Universidad Autónoma de Sinaloa... el aire... 1150 kHz... desde Culiacan, Sinaloa... radio... muy buenos dias... esta con Uds." Mellow vocal music followed, with very spotty reception after 1205. Mixing with KDEF and two US Spanish stations on 1150. New here, XE #190. Anthem seemed an hour early (5:00 a.m. in Sinaloa) unless Mexico is already on DST or maybe they just felt like coming on an hour early! [Wilkins-CO]
- 1180 **CUBA** CMBA *R. Rebelde*, Villa María MAR 19 0257 - Spanish sports talk under strong remnants of mostly impossible to null WHAM. + MAR 25 0402 - Son music getting well through a strong WHAM. + MAR 29 0506-0507 - For one minute alone with a Cuban song. I wanted to listen to this before I feel asleep, but at 0507 WHAM was back in very strongly with *R. Rebelde* fading down in strength and audible very weakly beneath 'HAM, so I tuned back to *R. Guadeloupe*. [Chiochiu-QC]
- 1375.01 **ST. PIERRE ET MIQUELON** RFO St. Pierre MAR 29 2355 - French group vocal; fair. Station is still active. [Connelly-MA]

Contributors

Bogdan Chiochiu, Montreal QC; Sanyo MCD-S830 and Phillips portables with ferrite bar antennas, Sangean 606 with long-wire.
 Mark Connelly, Billerica MA; Drake R8A, Flag antenna, broadband loop, Superphaser-2 phasing unit. <MarkWAI1ON@aol.com>
 Erik Stromsted W1ZBT, Pepperell MA; Yaesu 1000MP, terminated long wire aimed NE (toward Europe) and an east/west wire. <microwaveadvances@charter.net>
 John Wilkins, Wheat Ridge CO; Drake R-8, 4-ft box loop. <peakbagger3@juno.com>

International News

BULGARIA: Summer A-03 schedule of R.Bulgaria from March 30 to October 26, 2003; Address: 4, Dragan Tsankov Blvd, 1040 Sofia and PO Box 900, 1000 Sofia. Website: <http://www.nationalradio.bg>.

747 Petrich (G.C: 23.18E/41.42N), 500 kW/non-directional:

Albanian 1900-2000 daily // 5900 kHz.

Bulgarian 1800-1900 daily // 5900 kHz.

Greek 1630-1700 daily // 7200 kHz, and 2000-2100 daily // 5900 kHz.

Serbian 1700-1730 daily // 7200 kHz, and 2100-2200 daily // 5900 kHz.

Turkish 1730-1800 daily // 7400 kHz.

1224 Vidin (G.C: 22.40E/43.49N), 500 kW/205 degrees:

Albanian 0530-0600 M-F parallel 7200, 0600-0700 Sat/Sun // 7200 kHz, 1600-1630 daily // 7200 kHz, and 1900-2000 daily // 5900 kHz.

Bulgarian 0430-0500 M-F // 7200 kHz, 0400-0500 Sat/Sun // 7200 kHz, 1200-1400 daily // 11700, 15700, 1500-1600 daily // 7200, 7500, 9500, 15700, 17500 kHz, and 1800-1900 daily // 5900, 7200, 7400 kHz.

Greek 0500-0530 M-F // 7200 kHz, 0500-0600 Sat/Sun // 7200 kHz, 1630-1700 daily // 7200 kHz, and 2000-2100 daily // 5900 kHz.

Russian 0300-0400 daily // 7500 and 9500 kHz, 1400-1500 daily // 7500, 9500, and 13600 kHz.

Serbian 0600-0630 M-F // 7200 kHz, 0700-0800 Sat/Sun // 7200 kHz, 1700-1730 // 7200 kHz, and 2100-2200 daily // 5900 kHz.

Turkish 1730-1800 daily // 7400 kHz.

DX Mix program in Bulgarian will be on air 1345-1400 Sun on 1224, 11700, 15700 kHz, and 1945-2000 Sun on 7200 and 7400 kHz. [Observer, Bulgaria, March 24, via March 26 *DX Listening Digest*]

COLOMBIA: Some off-frequency stations: 1099.97 HJZY *R. Super*, Neiva; 1100.09 HJ.. *Mil-Cien AM* (also IDing *R. Musical*, *Emisora Musical*), Santafé de Bogotá; 1129.99 HJVA *Vida AM*, Santafé de Bogotá; 1249.97 HJFV *R. Viva*, Pasto; 1439.99 HJ.. *R. Reloj*, Tuluá; 1459.86 HJZU *RCN Antena 2*, Pasto. [Björn Malm, ed. Tore Larsson, March *ARC LA Newsdesk*]

ECUADOR: Some off-frequency stations: 1129.96 HCPV6 *R. Centro*, Ambato; 1229.97 HCFV2 *R. Galáctica*, Guayaquil; 1240.05 HCPA1 *R. Metropolitana*, Quito; 1299.74 HCDC2 *R. Cenit*, Guayaquil; 1329.85 HCJA1 *R. Sideral*, Quito (now religious music only); 1459.87 HCIC6 *Nuevos Horizontes*, Latacunga; 1473.41 HC.. *R. San Juan*, Ambato; 1530.32 HCCC5 *Ondas Cañaris*, Azogues; 1529.53 HCMP2 *LV de la Península*, La Libertad; 1539.22 HCFM2 *R. Cristal*, Ventanas; 1580.21 HCLF1 *Ecós de Orellana*, Machachi; 1589.29 HCQT6 *R. Panamericana*, Quero. [Björn Malm, ed. Tore Larsson, March *ARC LA Newsdesk*]

INDIA: E-mail confirmation was received from AIR Chennai within three days for an e-mail report for their new frequency of 7270. According to that reply, they are replacing 10330 by 7270 and it is of 100 kW. Their e-mail address is airavadi@vsnl.com. Their postal address is Mr. K. Palanisamy, Asst. Station Engineer, All India Radio, Avadi Chennai-100062. This address can be used for sending reports to AIR Chennai. Their SW frequencies currently in use are 4790, 4920, 7160, 7270 and on MW 720, 783 and 1395. Reports on their new frequency of 7270 will be of special interest to them. It operates at around 0630-1730. [Jose Jacob, dx_india via World of Radio 1175, March 26 *DX Listening Digest*]

PUERTO RICO: El Mundo Broadcasting Corp in Puerto Rico has gotten into an agreement to sell WKAQ to HBC (Hispanic Broadcasting Corporation), the largest Hispanic radio corporation in the USA. By doing so, Puerto Rico will lose the first and most oldest commercial radio station in this country to foreign hands. El Mundo Broadcasting Corp is composed of *Radio Reloj* 580 AM, WUKQ 1420 Ponce and WUKQ 99 FM in Mayaguez. This transaction must now await for FCCs approval. Details were displayed in the 14 Feb newspaper "El Nuevo Dia." [Luigi Pérez, HCDX, via March *ARC LA Newsdesk*]



VENEZUELA: Emisoras del Circuito *Radio Venezuela* - 790 R.Venezuela en Caracas, flagship station.

Affiliated stations:

720	R.Venezuela Oriente en Nueva Esparta
880	R.Venezuela Barinas en Barinas
880	R.Venezuela en Ciudad Guayana
900	R.Venezuela Mara Ritmo en el Zulia
960	R.Venezuela Llanera en Portuguesa
990	R.Venezuela Tricolor en Lara
1010	R.Venezuela Bolivar en Ciudad Bolivar
1080	R.Venezuela Universal en Aragua
1110	R.Venezuela Carupano en Sucre
1150	R.Venezuela Caribe en Falcón
1220	R.Venezuela Valencia en Carabobo. [José Elías Díaz, <i>ConDig</i> , ed. Tore Larsson, March ARC LA Newsdesk]

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

The items contained in this column come from recent discussions on the NRC listserv. I want to again emphasize 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 - I have a CCrane Radio and a random wire antenna strung up under the eave off the house. Any further outdoor antenna is out of the question because of local restrictions:

1. Am I getting the most out of my rig that is to be expected?
2. What kind of efficient "low profile" antenna could I get without being sent to Leavenworth by the Home Owner's Association?
3. Is there anything I should be doing to maximize the equipment I already have?
4. Should I change or modify the antenna I presently have?

A - I'm not very familiar with the CCrane firsthand - only through others, but I believe I can provide some assistance regardless:

1. You are probably getting as much from the radio as you can, given the antenna. You could probably improve it somewhat with a better antenna, but you do have limitations in that area. That said, the CCrane is a 'consumer radio' meaning that it is not designed to have the type of performance of a radio designed for hobby use. You didn't mention it, but depending on your budget, you could upgrade the receiver also.
2. Your best bet would likely an indoor antenna. Radio Shack makes a passive loop and an amplified loop. KIWA also makes a pocket loop, however those are temporarily unavailable due to the company relocating. None of these is particularly costly.
3. I think the answer to this is "see prior answer". I would wonder if you've tried both with and without the ground to see what difference it makes. You could also try tuning/matching the antenna to the radio using an inductance/capacitance circuit. Additional details on that can be found in the NRC Antenna Reference Manual #1, available through NRC Publications, depending on your interest in constructing something.
4. Yes. See the second answer. Also and again depending on your interest in construction projects, you could build a loop antenna. An antenna of this type may be more unsightly and will certainly take up more space, but that's the price for performance on a budget. There are excellent commercial indoor antennas available, but the cost is measured in the hundreds of dollars. Check out NRC Publications for specific projects.

Q - I just extended my backyard longwire that now probably meanders about 300-350 ft. or so around the back of my property. I added on to it by tightly intertwining the end of the original longwire with the new length of incremental wire and then secured it all very nicely with weatherproof electrical tape. I couldn't solder the connection because I was about 200 ft. from the nearest electrical outlet!

Because I didn't solder the connection do you think it would somehow negate the additional length I've added because it's not "connected" properly??

A - I'm afraid that the best answer I can give you is 'maybe'. It could depend on whether or not you did a really tight job of intertwining and then taping. BTW, you can do a great solder job with one of those small portable propane torches set at low flame, or possibly even one of those grill lighters that produce a flame rather than having just a heating element. Also, in a situation like this, you could try encasing the joint in a small plastic pill bottle or case, and sealing it with putty or caulk, either of which will probably last longer than the tape.

If the wire is suspended at all, you'll also need to be concerned with possible breakage through strain. Attaching a hanging wire to some fixed object (a fence post perhaps or a tree trunk) in such a way as to permit the solder joint to hang between two such connections relatively closely spaced can help, as can other improvised means of mechanical strain relief.

In general, with wire antennas, you often end up just experimenting and seeing what works and what doesn't. Where I am, I haven't yet found a longwire setup that doesn't present too much noise. I also can't get a single straight line run of more than 100' or so, and I can't do one of the 'noise-reduced' wires because I can't get the lead-in under ground to come back to the house thanks to a patio and a sidewalk.

Q - I'm running Geoclock on the shack computer, so sunrise/sunset mapping is no problem. What is the significance of stations that are required to reduce power at local sunset?

A - Just having Geoclock - as I do also - doesn't give you the 'approved, official' FCC Local sunset time for the station even if you have the precise coordinates. The FCC AM Query shows those.

The significance is that, as sunset approaches, the ionosphere starts to change, and distant propagation is more likely. Thus if you listen just prior to their local sunset time, you have the best chance of hearing them because they'll still be on day power, but subject to propagation characteristics more like night.

As an overly to that, this effect is magnified in the fall months during the last two weeks of the month, and in the early months of the year, during the first two weeks because the FCC LSS times are based on a mid-month average. Thus, the idea is to maximize the degree of darkness at the station (and consequently, along the signal path from them to you) while they're on day power and pattern.

The exception to this would be those cases where the power difference is small or none, but the nighttime pattern actually is more favorable to you.

A (somewhat) related note: any station to the west that has a favorable nighttime signal in your direction (significant night power and no deep null aimed at you) is a potential sunrise target. The period around your local sunrise often produces a window that brings up the relative strength of stations to the west of you. This is because absorption in the D layer increases rapidly when solar radiation hits it, and it's being illuminated to the east of you, but not to the west, during the sunrise transition. Sort of like an RF-absorbing curtain being drawn across the sky from east to west. So, the eastern stations that were there all night tend to get knocked back, allowing the westerners to emerge from underneath. On rare occasions, the window will persist well after sunrise, long enough for some of the western stations to start going to day power/pattern.

Here, as with sunset, the time of month can also be critical, as the more darkness on the path, the better. As sunrise times get later in the fall, the end of the month is preferable. In the spring, the beginning of the month is better.

It also pays to realize that the shortest day of the year (usually December 21) is not the day when the sunrise is latest and the sunset earliest. Those two conditions do not even occur on the same day. The earliest sunset time at mid-latitudes is usually between Dec 5 and 10, while the latest sunrise times are right around December 30. Since December 21 is between those two, it is usually the shortest day of the year. This means that December can be viewed as a 'fall' month in terms of sunrise DX, but should be considered on the same plane as January for sunset DX.

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 Barry McLarnon, who provided material for answers in this column.

Need more information about AM DX'ing?
Mail a First-Class stamp to NRC Publications - P. O. Box 164 - Mansville,
NY 13661-0164 and ask for the NRC Publications Catalog.

DX'er's Notebook

Shared tips, topics, and Internet info

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Received a letter from an ex-member who has just rejoined after...years:

John W. Hoogerheide, Kerrville, TX: Recently ran across NRC's web site and decided it would be fun to rejoin. Was an active NRC member in the '50's, and amazed to recognize names such as Ray Millar, Don Kaskey, Carl Dabelstein, etc. as still active members.

When all-niters started killing the hobby I quit but may start over again. Finished with 1800 stations logged and about 1000 QSL's including almost every country on shortwave including Reunion, Comoros and Falklands.

Best MW DX was WGBY DX test on 1340 from Guantanamo Bay, Cuba heard while in college at Madison, WI - 250 watts on graveyard.

Welcome back John - it's great to hear from you...And now continuing with the discussion from last time, including a wide range of topics to enhance your DX...

David Hochfelder <hochfeld@rci.rutgers.edu>: Brian, Welcome back to AM DXing! Here's my \$0.02. I got back into the hobby a couple years ago, in a similar situation to yours. I don't have a lot of disposable income or room for an antenna farm. I started out with a Superadio 3 and had fun with it for a few months. Then I upgraded to the Sony ICF-2010 and haven't yet outgrown it. (Although I would love it if a Drake R8B dropped into my lap somehow.) To go with the '2010 I bought a Kiwa Pocket Loop antenna. So the total out-of-pocket cost was in the area of \$500 spread over a couple months.

My advice regarding receivers: don't start out with the Superadio or CCRadio. You'll outgrow it and get bored with it soon and it will be money wasted. Go for the Sony ICF-2010: you won't outgrow it soon, and it works great on shortwave. I also use mine for shortwave listening, both pirates and international broadcasters. It's the best \$350 I've spent. You also might be able to pick up one used on eBay or from another DXer. Also, the Radio Shack DX-398 is well worth the money, assuming it's still being closed out for \$100, marked down from \$250. I have one for a spare/travel radio.

My advice regarding antennas: if you don't have a great deal of technical expertise or interest in making an antenna, the '2010 works fine barefoot. Getting a high-end loop can add \$300 or so to your equipment budget, so making one yourself can save you money. Folks on the list here will be happy to give you advice and answer questions. You might also be able to buy a used loop from someone on the list. I bought a used Quantum Loop and have been very happy with it. If you use the radio barefoot, a lazy susan stolen from the kitchen will help a great deal in rotating the radio for nulling.

Finally, I'm not using my Superadio 3 anymore. You're welcome to it for \$30 shipped. Or we can work out something else. Hope this helps.

Bruce Conti <BACONTI@aol.com>: Definitely go for the Sony ICF-2010. It was my primary receiver for many years, even on a Newfoundland DXpedition, before I upgraded to the Lowe HF-225 Europa and Drake R8B. One word of warning - Be careful purchasing a used 2010. Earlier units had problems with a blown external antenna input. Once you have the 2010, I would consider installing the Kiwa filter upgrade, which makes MW DX performance comparable to that of the expensive table-top rigs.

Harry Helms <ak6c@earthlink.net>: I agree 100%! I have both the wide and narrow Kiwa filters in my ICF-2010, and the improved performance is definitely worth the price/effort. The curves of the Kiwa filters are much steeper than the stock Sony filters; you really notice the difference on SW, where most broadcasters operate 5 kHz apart. The Kiwa wide filter does a good job on SW of reducing QRM from adjacent stations without significantly degrading audio quality.

I also have the Kiwa filter in my CCRadio and it also is a major improvement as well. Craig at Kiwa has produced some very good tools for DXers.

Brian Leyton <bleyton@cpe-usalco.com>: Well, you've pretty much read my mind. I have been doing a lot of reading the last couple of days, and had pretty much decided to start with a Superadio, but keep my eyes open for a Sony 2010. I think that's what I'll do. Heck - if I later get a 2010, I can still use it on my desk at work. I see that used 2010s are selling in the \$200 range on eBay. If I can get up the courage to buy something that expensive on eBay, then that may be a plan.

I like the lazy susan idea, but years ago my old Sony had an AM antenna on the top of the radio,

which would flip up, and swivel around. That way you didn't have to turn the whole radio. I wonder why they dropped that idea?

Has anyone found (the DX-398) to still be available? I could try to hit some of my local Radio Shacks, but I have a feeling I'd be wasting my time. I'm wondering if anyone has seen them on closeout lately.

Also - should I assume that the DX-398 may not be ideal for me for the same reason that the CCRadio is not recommended (its propensity to overload when close to a local tower)? Since they're both made by Sangean, I'm assuming they have similar characteristics. True?

Bruce Conti: For starter receivers, I would go with the CCRadio over the GE Superadio for many reasons.

1. The CCRadio has digital frequency readout, the GE Superadio is analog sliderule.
2. The CCRadio has a narrower bandwidth, and can be upgraded with a Kiwa filter for improved DX performance. The GE Superadio bandwidth is wide open, great for aircheck-quality sound, but lousy for DXing.
3. The CCRadio includes NOAA weather channels and VHF TV audio. The GE Superadio is only AM/FM broadcast.

4. The CCRadio makes a great clock radio, paraphrasing Steve LeVeille on WBZ, "It's a clock radio with a real radio inside, not just a clock with a cheap radio inside." So if you later decide that AM broadcast DXing isn't what it used to be, you'll at least still have something useful in the CCRadio.

Kevin Burnett <kjb@nrcdxas.org>: I don't know about the CCRadio, but I really liked my DX-398 until it broke (dropped it onto the sidewalk). Speaking of my broken DX-398, it turns on, tunes, the memories all work, but I get no signal strength and no audio. Any ideas what might be wrong?

Matt <broadwater@wnyip.net>: I have a DX 398 and like it quite a bit. If you don't want to shell out the big bucks for a 2010, give the 398 (aka Sangean 909) a try. If anything, it has a reputation for being built for high-strength signal areas, such as Europe or E. North America. I live near 2 fairly powerful AM stations, and have not noticed any overloading.

Two things the DX 398 has going for it... 1. It is on a blowout sale now, \$99 (originally sold for \$250). 2. You can buy it, keep the receipt and return it no questions asked within 30 days. With that in mind, I don't know how you can lose. It is generally a very well regarded receiver, and I think you will like it. Mind you, the 2010 would be my first choice too, but I have been told by several MW DXers that the 398 gives you about 80% of the performance of the 2010, at 1/3 the cost.

Someday I might get a 2010, but for now the 398 is doing fine. Btw, I find it works well with the RS AM Loop, also on sale for \$20, so for a grand total of \$120, you will have a brand new set up that will produce decent results for MW DX.

Good luck!

Russ Edmunds <wb2bjh@nrcdxas.org>: Y'know, I don't know of very many wives who would look kindly on a \$500-\$800 expenditure for a receiver. My take on the question was that he didn't want to tick the wife off in terms of price - justifiably! I'd start out following Rick Kenneally's advice earlier. You can always upgrade!!

Generally speaking, aside from tubes (which are, after all, disposable in a sense) and the occasional filter capacitor (easily replaced) the only thing that I'm aware of that goes on a Hammarlund is the power transformer - and that takes a lot of abuse before it does!!!

Now we'll move to similar discussion that was a couple of weeks after the previous one.

Chris Hadrian <radio@maplerock.com>: Hi all. I am new to the list and am joining the Club. I was a member back in the '60's and '70's when I lived in San Antonio & Austin.

I am getting ready to make a purchase of a new portable. I would like some advice. I live south Atlanta metro area about 15 mins. south of the airport. I have a problem during the day picking up some Atlanta AM stations and I would like a portable able to pick them up. I can receive them well on my car radio. Secondly, I would like to do some day and night DXing with it.

I currently have a RS DX-396 that will barely pick up the Atlanta stations using a RS loop helps some. I am thinking about buying either a DX-398/ATS-909 or a GE Superadio. What advice can you give me? What would you do.

Also what is a good antenna to use? Are any of the loops significantly better than the RS loop? If yes, tell me about it? Would an indoor 20' to 30' longwire help more than a loop. I plan on using the longwire for shortwave. When I move early next year I am thinking of building an antenna in my back yard or on the roof or attic.

Thanks for your help.

Eric Conchie <econchie@reach.net>: The GE Superadio II is a very good choice for fringe reception. I am about 120 miles north-east of Toronto, ON, and I can get listenable signals all the time on Toronto's 50,000 watt blowtorches, also a "local" like signal from WHAM Rochester, NY which is probably about

50 miles away from me. Another good choice, although a bit pricey, is the Sangean CCRadio sold by C Crane CO (and possibly others), and it is a very good choice also. For example, last night, I was trying to listen to WCBS New York on my Superadio, and I could not get it due to a bad storm going on in my area, but when I tried the CCRadio, I was able to get a somewhat weak, but definitely listenable signal from it. Both radios were being run without external antennas at the time. As for your antenna situation, I just usually use a Select-A-Tenna and a long wire. I've had fairly good luck with this set up. I'll post a link to my logs so that you can see what I can get with this set-up. The link is <http://ontarioamdxer.tripod.com/>

Brian Leyton: Welcome to the returning DXers club! I spent yesterday morning calling around to the local Radio Shacks (San Fernando Valley - CA), and I did manage to find 4 stores that still had their display units. I picked the closest store with a manager who actually sounded like he knew what he was talking about & picked one up. If you really want this radio, you should probably not wait too much longer. Once they're gone, they're gone.

I can't really tell you if this is a great radio yet or not, since I've had it less than 24 hours. Once I found a spot where I could listen relatively noise-free (there's a terrible electrical buzz in most of my house), I did manage to pick up a few clear-channel stations around the west - KOMO, KTWO, KOA & KSL (the last 2 I easily pick up on my car radio, so that's not a big accomplishment). Nothing dramatically new & exciting, but I suspect there's some promise there.

I think I need to buy or build a better antenna. The store where I bought the DX-398 didn't have the AM loop anymore, or I would have bought it.

BTW, shortwave was basically a bust. I heard a few local hams on 40m in the afternoon, and a nice strong RVI (don't know which transmitter I was hearing) around 8:00PM local, but not much else. I guess conditions are pretty bad for SW.

Powell E. Way III <powell@conterra.com>: Well one piece of advice is do not use regular alkalines much. You WILL go broke and FAST. 13 hours on a set. I use NiMh batteries. RS ones are still 1600 ma, even WalMart has 1800's. Get a charger that can deep cycle them. Do a charge/ discharge cycle at least 5 times. This allows maximum use of the batteries. Get at least 2 sets of batteries. Check around...other RS stores may have the loop. The Terk is similar to the RS one but not identical

Brian Leyton: Thanks for the advice. I did have the wife pick up a pack of Duracells yesterday, but I think I will have to get some rechargeables.

I've been researching the small loop antenna designs - they seem pretty simple to make, but I get the impression that at \$20, the RS AM Loop makes more sense. True?

Matt: Hey Brian... congratulations on your new 398! I think you will like it a lot. I saw you didn't have much luck on shortwave.... for this radio to do well on shortwave, you really need a better antenna, and in most cases, a simple longwire will do fine. Go to any store (Kmart, WalMart, etc) and get a 50' or 100' length of speaker wire. When you take it home, carefully split the two leads apart from each other, and you have just doubled your amount of wire... you only need the single strand anyways. Here in upstate NY, I find that adding 20' of longwire inside the house really improves things dramatically. I think you said you lived in the West, and out there you might want to get it up to 30'. Things will improve even more greatly if you can get the longwire outside... just by dangling it out a window, generally speaking, the more wire you have outside, the better, but I doubt you'd need more than 50-75' outside for great reception.

As for hooking the longwire up to the radio, you can just strip about 1" of insulation off one end of the wire and just wrap it around the tip of the telescopic antenna (you can leave the telescoping antenna completely collapsed when adding the longwire). Or, I have found slightly better results if you can plug it into the radio's antenna jack. You can use almost any cord that fits into the jack. If you find an RS AM Loop antenna, there is a wire included in the box that will work nicely.

Finally, one of the best places to get help with your 398 is the Yahoo Group. Here is the address:

<http://groups.yahoo.com/group/DX398>

Good luck, and enjoy the radio!

Brian Leyton: Wow, thanks for all of the useful information. I'll check out the Yahoo group, and I'll work on some sort of longwire for SW. I can probably just stretch something from one eave to another along the side of the house. Now if I can just cut through the 20 layers of paint & get the window open...

I did find some mods listed for the 398, but none of them seems to fix anything that I thought needed fixing. I think there'll be lots of fun to be had with this unit.

Bruce Conti: This seems to be a hot topic lately. I would go for a CCRadio or the DX-398, followed-up by Kiwa upgrades. It seems to me that the DX-398 would be a hot little receiver with the Kiwa filter and audio upgrades installed. You can't beat the current sale price for the DX-398 at Radio Shack either. I thought about getting one myself, but I already own too many receivers. I'll wait for the IBOC/DRM digital receivers.

Kevin Redding <amfmdx@fastq.com>: It depends on how much you have to spend.

If you have about \$100 and you move with lightning speed you MIGHT still be able to get a 398 which has been discontinued. If you want a GREAT portable and have \$350 to spend get the Sony 2010, you will be very impressed. If you are a casual DXer and want great sound, get the \$50 or so GE SR III.

The CCRadio is good but NOT worth the money in my opinion. I own all these radios. There are other choices but this is my opinion on the ones mentioned.

David Hochfelder: Hi Chris, Welcome to the list and welcome back to the club. Here's my \$0.02 worth.

I'm surprised, first off, that you live in the Atlanta metro area and have trouble picking up your locals during the day. At night WSB is local-like up here in New Jersey.

If you're deciding between a Superadio and DX-398, here's my advice: find a Radio Shack with a DX-398 left and buy it for \$100. It's a bit more than the Superadio, but has a couple advantages over it. First, digital tuning: I started out with a Superadio and it was very difficult to figure out where on the band I was. I usually had to wait for an ID to find out. Digital tuning saves a lot of hassle. Second, shortwave capability. The DX-398 won't pull in Radio Bhutan or spectacular tropical band DX, but it will give you the major international broadcasters, and its performance will improve somewhat by using the Radio Shack windup antenna or by stringing a length of wire. If you string a wire, you can do a couple things: either wrap it around the whip antenna, or solder it to a 1/8 plug for the external antenna jack. An attic antenna, like a dipole, will improve reception even more on shortwave.

I don't use my ham dipole for BCB DXing, because it doesn't seem to do much. The Radio Shack loop is OK, and is a good deal for the price. So you could get a decent BCB DX setup for \$120 if you get the DX-398 and Radio Shack loop.

If you want better equipment, go for the Sony ICF-2010 for \$350 or so. I've been very pleased with mine. I also have a Kiwa Pocket Loop which has served me well, and a used Quantum Loop which is working out a bit better. I also bought a box loop kit on eBay for around \$70.

So the bottom line is to get equipment you can grow into and won't get bored with. You will get bored or frustrated with the Superadio because of its lack of shortwave and its imprecise tuning. The DX-398 offers more possibilities and it is a fantastic deal for \$100 marked down from \$250. The Sony ICF-2010 is a great radio and very versatile. Any loop is better than none, and you can build your own for not too much money. Or you can try to buy a used loop like I did. Your choice of equipment will depend on how much you want to spend and how adept you are at building things.

Hope this helps to clarify your decision.

Harry Helms: David, how rugged is the Kiwa Pocket Loop? Would it withstand repeated folding/unfolding as a travel or portable loop? I've been interested in it, but it seems like its "windings" would soon get bent out of shape or break with repeating collapsing. Could you comment? Thanks!

Mark Durenberger <Mark4@durenberger.com>: I'll jump in too...I have two Kiwa Pocket Loops. They do withstand repeated unfoldings. Rather than completely folding them to tiny-size, I only wrap mine 'double' and that creates a storage loop of about 7 inches in diameter which works just fine.

Eventually the copper will tire and the windings don't stand up as they did when they were young. But that's where judicious placement of the (six) winding separators saves the day.

I've had mine for several years and would buy another today if I needed it. Good stuff; well-engineered.

Richard Dale <holden_mcgroyn@hotmail.com>: I got one of each(*). The Superadio III is an excellent radio, and so is the DX398. I made a dial plate for the Superadio on my computer, as the dial is at least 50 kHz off. I got a dial marker down at least every 10 kHz, so the markings are at least as good as the DX398. The problem is that it's B-I-G. I don't know about FM. I made a dial marker for that, then gave it away, so I don't know about its accuracy. I should have learned about that little aspect of DXing. Never give away or loan a radio. I have a friend who lives about 10 miles east of here and can't get the Kansas City stations very well. I should go out there and do some stompin' around.

(*) Actually I got another DX398 after I dropped the first one on its right-hand upper corner and it quit working on AM (FM only). So I got a new one, then when that went on sale, I got another one. I have dropped the first one of those two three or four times. I lost the antenna several months ago, long before I started dropping it. I have also lost the battery cover, but since my tumor, I have started carrying it around to listen to, particularly at night. The newer one stays in one place in its cover to protect it and it only comes out when I'm not moving around.

Bruce Conti: (As for an antenna) Yikes! Stay away from an indoor wire. The Radio Shack loop at \$19.95 is a bargain, and as far as I know it works just as well if not better than the popular Select-A-Tenna.

Kevin Burnett: I've had the RS loop for a while, and used it with some success with my DX-398. Last night I tried it out with my ICF-2010, and the main thing it seemed to do for me with that radio was to introduce spurious signals from some of the local Bay Area blowtorches. For instance, KCBS, KNBR and KGO started appearing in other places around the dial.

I wouldn't be at all surprised if I'm using the loop incorrectly...

Professional Sports Networks

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

Here are a majority of the Major League Baseball network lists. I have included at the end information about those network lists that I have yet to find. This contains updated announcer information that Ken Onyschuk sent me. I am not sure that the teams for which I have not found a network list actually have a network (besides the flagship station). I still need information on the Minor League teams/networks. (Note - to be continued next issue, starting with the Kansas City Royals -pls.)

Baltimore Orioles 2003 Jim Hunter, Fred Manfra, Chuck Thompson
http://baltimore.orioles.mlb.com/NASApp/mlb/bal/schedule/bal_schedule_broadcasting_radio.jsp
(03/25/2003)

540	WDMV-MD	980	WTEM-DC	1400	WINC-VA	1690	WPTX-MD
800	WCHA-PA	1090	WBAL-MD *	1430	WNAV-MD		
910	WSBA-PA	1200	WAGE-VA	1450	WTBO-MD	96.9	WBEY-MD
930	WFMD-MD	1280	WHVR-PA	1470	WTTR-MD	105.3	WFRB-MD
970	WAMD-MD	1340	WEPM-WV	1490	WARK-MD	106.3	WCEM-MD

Boston Red Sox (EE) 2003 Joe Castiglione, Jerry Trupiano
<http://www.weei.com/redsox.html> (02/20/2003) (via Art Blair)

550	WDEV-VT	1230	WMOU-NH	1400	WLTN-NH	1540	WGIP-NH
560	WHYN-MA		WJOY-VT		WTSL-NH	1590	WSMN-NH
580	WTAG-MA	1240	WHMQ-MA	1420	WBEC-MA	92.7	WOXO-ME
610	WGIR-NH		WFTN-NH		WBSM-MA	93.5	WCTB-ME
620	WZON-ME	1280	WEIM-MA		WRSV-VT a	95.1	WXTK-MA
630	WPRO-RI		WFAU-ME	1440	WJAE-ME	95.5	WJJB-MA
850	WEEL-MA *	1300	WPNH-NH	1450	WRKD-ME	96.1	WDEV-VT
930	WGIN-NH	1340	WSTJ-VT		WKXL-NH	97.5	WIGY-ME
980	WSUB-CT	1350	WINY-CT	1480	WSAR-MA	99.3	WKTJ-ME
1080	WTIC-CT	1370	WDEA-ME	1490	WMRC-MA	100.1	WHOU-ME
1160	WSKW-ME	1380	WSYB-VT		WEMJ-NH	103.1	WDME-ME
1220	WZBK-NH	1400	WILI-CT		WFAD-VT	105.5	WBYA-ME
1230	WNAW-MA		WHMP-MA		WIKV-VT	107.7	WTPL-NH
	WQDY-ME		WIDE-ME		WKVT-VT		

Chicago Cubs 2003 Pat Hughes, Ron Santo
<http://www.tribuneradio.com/cubsaffiliates.htm> (03/20/2003)

640	WBOW-IN	1240	WSDR-IL c	1450	KIOV-ID	1550	KIWA-IA
	WMFN-MI	1290	WWFS-IL		WFMB-IL	1570	KVTK-SD
720	WGN-IL *	1300	WBZQ-IN	1460	WJCI-IL		WLKD-WI
800	KXIC-IA	1330	WRAM-IL		WKAM-IN	1590	KWBG-IA
810	WDDD-IL	1350	KRNT-IA	1470	WKLZ-MI	1620	KOZN-NE
910	WAKO-IL	1380	KCIM-IA	1480	KLEE-IA	97.7	WMOI-IL
920	WMOK-IL	1390	WIOU-IN	1490	WDWZ-AL	103.1	WAKO-IL
1020	KKSC-NE	1400	KADR-IA	1510	WCBW-IL	104.9	WAXI-IN
1150	KCPS-IA c		WBAT-IN	1540	WBNL-IN	105.3	KIWA-IA
1170	KJOC-IA c	1440	WGEM-IL c				

Chicago White Sox 2003 John Rooney, Ed Farmer
http://chicago.whitesox.mlb.com/NASApp/mlb/cws/schedule/cws_schedule_affiliates.jsp (03/20/2003)

860	WGOM-IN	1240	WSDR-IL c	1560	WBYS-IL	106.1	WYYS-IL	
1000	WMVP-IL *	1250	WSPF-IL	1580	WBCP-IL	107.7	WMRS-IN	
1150	KCPS-IA c	1280	WBIG-IL	1590	WAIK-IL	103.1	WPKE-KY	
1170	KJOC-IA c	1420	WIMS-IN	1600	KCRG-IA	103.9	WRBI-IN	
1230	WJOB-IN	1440	WGEM-IL c		97.7	WLQI-IN	105.9	WHAY-KY
1240	WRHL-IL	1490	WZOE-IL		98.1	WIBN-IN	107.9	WAMW-IN

Atlanta Braves (EE) 2003 Skip Caray, Pete Van Wieren, Don Sutton, Joe Simpson
<http://wsbradio.com/sports/BRAVESAFFILIATES.html> (03/04/2003)

560	WVOC-SC	1230	WBLJ-GA	1410	WEGO-NC	93.5	WKZX-TN
	WNSR-TN		WLNK-NC		WPCC-SC	93.7	WALI-SC
580	WGAC-GA		WMLR-TN		WCMT-TN	93.9	WMTM-GA
590	WCAB-NC	1240	WBHB-GA	1420	WPEH-GA	95.1	WCDZ-TN
600	WCVP-NC		WGA-GA		WRCG-GA	95.5	WJDB-AL
610	WCEH-GA		WPAX-GA		WKSJ-TN	95.9	WTWX-AL
630	WJDB-AL		WWNS-GA	1430	WLTC-FL		WDXE-TN
	WNEG-GA		WJNC-NC		WGFJ-GA	97.3	WFXF-GA
680	WRGC-NC	1250	WHNY-MS	1450	WDNG-AL	97.7	WKLD-AL
690	WJOX-AL	1260	WBBK-GA		WLAY-AL	97.9	WRUP-NC
720	WGSE-GA	1270	WGSV-AL		WCON-GA	98.1	WJAT-GA
730	WUMP-AL		WYXC-GA		WKEU-GA		WMGP-GA
	WOHS-NC		WLK-TN		WLVG-GA	98.7	WISK-GA
	WLIL-TN	1280	WPID-AL		WGNC-NC	98.9	WYKK-MS
740	WMSJ-AL		WANS-SC		WQNT-SC	99.1	WBAW-SC
	WBAW-SC	1290	WVOW-WV e		WGSN-TN	99.3	WCON-GA
750	WSB-GA *	1300	WMTM-GA	1460	WBCU-SC		WEZG-TN
790	WFSN-GA	1310	WTFE-AL	1470	WCLA-GA	99.5	WDMG-GA
800	WJAT-GA		WPLV-GA		WRGA-GA	99.9	WSNT-GA
850	WRUF-FL	1320	WKIN-TN e	1490	WSNT-GA	100.1	WMCD-GA
	WCUG-GA		WMSR-TN		WAZZ-NC	100.9	WLYU-GA
860	WDMG-GA	1330	WLBG-GA		WSTP-NC	101.1	WTGA-GA
900	WJTH-GA		WMLT-GA		WSVM-NC	101.9	WVOW-WV e
	WCBX-VA	1340	WFEB-AL	1500	WQMS-MS	102.3	WKZR-GA
910	WSTK-NC		WBBT-GA	1560	WPGY-GA	102.7	WYXZ-GA
	WJCW-TN		WGAU-GA		WSLA-LA k		WCNG-NC
920	WVOH-GA		WTIF-GA	1570	WCRL-AL		WPUB-SC
930	WMGR-GA	1350	WGAD-AL		WCLE-TN	102.9	WIGL-SC
	WSLI-MS		WFNS-GA	1590	WTGA-GA	103.1	WRIJ-SC
940	WSEV-TN		WTZK-NC		WCSL-NC	103.9	WDDK-GA
940	WMAC-GA		WLMA-SC	1600	WFIS-SC		WQSY-GA
950	WNZZ-AL	1370	WLOP-GA	1630	WRDW-GA	104.1	WCLE-TN
	WWJK-SC		WDEF-TN	92.1	WKUL-AL	104.5	WYU-GA
960	WRFC-GA		WDXE-TN		WBTB-GA	104.7	WAAZ-FL
990	WEIS-AL	1380	WELE-FL b		WPEH-GA	105.3	WSTI-GA
1000	WVWI-VI	1390	WISK-GA		WWRK-GA	105.5	WIFO-GA
1050	WWIC-AL	1400	WFPA-AL	92.3	WSKX-GA	106.3	WKNL-AL
	WJSB-FL		WCOS-SC	93.1	WBBK-GA		WGMK-GA
	WFSC-NC		WKDY-SC		WRFN-GA	107.3	WCLA-GA
	WLON-NC		WGAP-TN	93.5	WLJA-GA	107.5	WDBN-GA
1070	WAPI-AL		WJZM-TN		WVOH-GA		WTIF-GA
1150	WSNW-SC	1410	WYIS-GA				

Cincinnati Reds 2003 Marty Brennaman, Joe Nuxhall
http://cincinnati.reds.mlb.com/NASApp/mlb/cin/schedule/cin_schedule_affiliates.jsp (03/20/2003)

580	WCHS-WV	1230	WHIR-KY	1340	WEKY-KY	1600	WSNR-KY
620	WWNR-WV		WFII-OH	1390	WMPO-OH		WZZW-WV
630	WLAP-KY		WIRO-OH	1440	WPGW-IN		
680	WCIT-KY	1240	WFTM-KY		WMDJ-KY	92.7	WJCP-IN
700	WLW-OH *		WSFC-KY	1450	WWXL-KY		WRVC-WV
740	WRNR-WV		WHIZ-OH		WLTP-WV	94.3	WKKI-OH
910	WKEQ-KY	1250	WCHO-OH	1490	WBEX-OH	95.3	WNDI-IN
930	WHON-IN	1260	WNDE-IN		WMOA-OH	96.5	WXCC-WV
	WRVC-WV		WNXT-OH		WSWW-WV	96.7	WBVI-OH
970	WATH-OH	1270	WXGO-IN	1520	WOOO-IN	100.1	WMDJ-KY
980	WONE-OH	1290	WVOW-WV e	1550	WNDI-IN	100.9	WPGW-IN
990	WTIG-OH	1320	WKIN-TN e	1580	WSAI-KY	101.9	WVOW-WV e
1080	WKJK-KY	1340	WBIW-IN	1590	WSRW-OH	102.3	WCYN-KY
1150	WIMA-OH		WCMI-KY	1600	WARU-IN		WUGO-KY

Cleveland Indians 2003 Tom Hamilton, Mike Hegan, Matt Underwood
http://Cleveland.Indians.mlb.com/NASApp/mlb/cle/schedule/cle_schedule_affiliates.jsp (02/202003) (via Art Blair)

Table with 4 columns of station call letters and frequencies for Cleveland Indians affiliates.

Colorado Rockies 2003 Jeff Kingery, Jack Corrigan
http://colorado.rockies.mlb.com/NASApp/mlb/col/schedule/col_schedule_tv_radio_affiliates.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Colorado Rockies affiliates.

Detroit Tigers 2003 Jim Price, Dan Dickerson
http://Detroit.tigers.mlb.com/NASApp/mlb/det/schedule/det_schedule_RadioAffiliates.jsp (02/20/2003) Affiliate stations are subject to change.

Table with 4 columns of station call letters and frequencies for Detroit Tigers affiliates.

Florida Marlins (EE) 2003 Joe Sciambi, Dave Van Horne
http://florida.marlins.mlb.com/NASApp/mlb/fla/schedule/fla_schedule_broadcasting_affiliates.jsp (02/20/2003) (via Art Blair)

Table with 4 columns of station call letters and frequencies for Florida Marlins affiliates.

Houston Astros (EE) 2003 Milo Hamilton, Alan Ashby
http://astros.mlb.com/NASApp/mlb/hou/schedule/tvradio_affiliates.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Houston Astros affiliates.



Serving Berks, Montgomery, and Chester Counties

Kansas City Royals 2003 Denny Matthews, Ryan Lefebvre
http://kansascity.royals.mlb.com/NASApp/mlb/kc/schedule/kc_schedule_affiliates.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Kansas City Royals affiliates.

Los Angeles Dodgers (EE) 2003 Vin Scully, Ross Porter, Rick Monday
http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Los Angeles Dodgers (EE) affiliates.

Los Angeles Dodgers (SS) 2003 Jaime Jarrin, Pepe Yniguez
http://losangeles.dodgers.mlb.com/NASApp/mlb/la/schedule/radio_network.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Los Angeles Dodgers (SS) affiliates.

Milwaukee Brewers 2003 Jim Powell, Bob Uecker (Is this the 2003 list?)
http://www.620wtmj.com/620programs/sportscentral/brewerspage.asp (03/26/2003) 2003?

Table with 4 columns of station call letters and frequencies for Milwaukee Brewers affiliates.

Minnesota Twins 2003 +John Gordon, Dan Gladden (r), Herb Carneal (h)
http://minnesota.twins.mlb.com/NASApp/mlb/min/schedule/min_schedule_rationetwork.jsp (03/25/2003)

Table with 4 columns of station call letters and frequencies for Minnesota Twins affiliates.

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

Oakland Athletics 2003 Bill King, +Ray Fosse, Ken Korach
http://Oakland.athletics.mlb.com/NASApp/mlb/oak/schedule/oak_schedule_affiliates.jsp (02/20/2003)

580	KTMT-OR	950	KAHI-CA	1300	KPMO-CA	1450	KVML-CA
610	KFRC-CA *	970	KESP-CA	1330	KCNR-CA	1490	KBLF-CA
620	KMJC-CA f	1110	KAOI-HI m	1340	KTSN-NV		KRKC-CA
630	KPTT-NV	1150	KAGO-OR	1350	KBID-CA	1560	KIQS-CA
790	KWSW-CA	1270	KXBX-CA	1410	KMYC-CA		

Philadelphia Phillies 2003 Harry Kalas, Larry Anderson, Scot Graham, John Kruk
http://philadelphia.phillies.mlb.com/NASApp/mlb/phi/schedule/phi_tv_radio_affiliates.jsp (03/25/2003)

630	WEJL-PA	1240	WBAX-PA	1340	WMID-NJ	1470	WKAP-PA
830	WEEU-PA		WYGL-PA	1360	WPPA-PA	1490	WUSS-NJ s
930	WHLM-PA	1250	WQXA-PA	1370	WPAZ-PA		WBCB-PA
950	WPEN-PA *	1260	WBUD-NJ	1420	WCOJ-PA		WLPA-PA
1150	WDEL-DE	1270	WLBR-PA	1440	WNPV-PA	102.3	WMID-NJ
1230	WCNC-NJ	1320	WGET-PA	1460	WTKT-PA	105.5	WCHX-PA
	WBPZ-PA						

San Francisco Giants (EE) 2003 Jon Miller, Duane Kuiper, Mike Krukow
http://sanfrancisco.giants.mlb.com/NASApp/mlb/sf/schedule/sf_schedule_BroadcastAffiliates.jsp (03/25/2003) Affiliate stations are subject to change.

570	KQNG-HI o	1110	KAOI-HI m	1400	KKJL-CA	1670	KNRO-CA
620	KMJC-CA f	1230	KPLY-NV	1420	KKEA-HI	92.7	KMFB-CA
670	KPUA-HI	1340	KATA-CA	1430	KFIG-CA	94.1	KBKY-CA
680	KNBR-CA *	1360	KUIK-OR	1490	KSYC-CA	96.7	KMFB-CA
800	KDFO-CA	1370	KZSF-CA S				

Seattle Mariners (EE) 2003 +Dave Neihaus, Ron Fairly, +Rick Rizzs, Dave Henderson
http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/sea_schedule_affiliates.jsp (03/25/2003)

550	KTZN-AK	920	KXLY-WA	1240	KGY-WA	1450	KGRZ-MT
570	KQNG-HI ow	1000	KOMO-WA *		KXLE-WA		KQDI-MT
580	KRSA-AK	1030	KMAS-WA	1280	KIT-WA		KONP-WA
680	KOMW-WA	1040	KST-BC g	1300	KLER-HI	1470	KELA-WA
800	KINY-AK	1080	KVNI-ID	1310	KZXR-WA	1490	KLOG-WA
840	KSWB-OR		KOTK-OR	1320	KGDC-WA		KVAC-WA
	KMAX-WA	1110	KAOI-HI w		KXRO-WA	1600	KEED-OR
870	KFLD-WA	1170	KPUG-WA	1350	KRCL-ID	94.1	KCRK-WA
900	KKRT-WA	1240	KEJO-OR	1370	KXTL-MT	100.3	KWIQ-WA
910	KBLG-MT		KTIX-OR	1430	KBRC-WA	106.3	KVLR-WA

Seattle Mariners (SS) 2003 ??
http://seattle.mariners.mlb.com/NASApp/mlb/sea/schedule/sea_schedule_affiliates.jsp (03/25/2003)

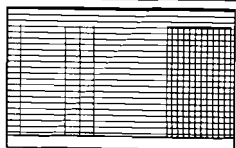
1260	KWEI-OR	1360	KKMP-WA *	1390	KBBO-WA	92.1	KWLN-WA
1340	KTCR-WA					103.3	KWLN-WA

Tampa Bay Devil Rays 2003 Paul Olden, Charley Slowes
<http://www.raysonradio.com/listenlive.html> (04/03/2003)

970	WFLA-FL *	1320	WAMR-FL	1400	WZHR-FL	1530	WENG-FL
1080	WHOO-FL	1350	WDCF-FL	1450	WSPB-FL	1580	WTCL-FL
1230	WONN-FL	1380	WELE-FL		WWJB-FL		

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Musings

of the Members

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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.

Perry Crabill - 225 Milam Drive - Winchester, VA 22602 w3hqx@arrl.net

My DXing came to a halt in mid-February because of a snowfall that began on the afternoon of Friday, February 14. It stopped for a while later that day and then started up again on Saturday and continued until Monday morning. The total accumulation in Winchester was 30" and the area was paralyzed. It took me 12 days to clear my driveway from end to end, shoveling snow for 15 minutes at a time and then resting inside for an hour before going out again. It was February 26 before I did any logging. I have logged 35 new stations so far this year, which I consider to be doing fairly well considering the limited amount of time I spend at the receiver. My total at the end of December was 747, so I have now heard 782 stations on the BCB since January 1990. Back in the early 1930s RADEX said that there were something like 780 BCB stations in the entire country. A number of DXers had logged nearly all of them because most of the channels were clear of local signals after midnight or 1:00 AM. Further, graveyard channels were cleared at times for FCC frequency checks. I was especially pleased to log WDMB-880 in Tennessee on March 4 despite WCBS-NY. Also, on March 12 I heard WHB-810 in Kansas City behind WGY-NY. It's always a thrill for me to pull in a signal under one of the East Coast blow-torches. For some reason they don't null very well with the Kiwa loop and I haven't gotten around to trying phasing antennas.

Phil Boersma - 15570 Cleveland Street - Spring Lake, MI 49456

I just realized that 2003 marks my 30th year as a DXer. I am not qualified for the 40/80 club just yet (I, 46 years old). I didn't join NRC until 1977; I was in another DX club before that. I still see my totals pop up in DDXA, not updated since 1978. That's because while I still actively 'dial twirl'. I have not kept an organized log or records of DX catches since about that time. A significant 'catch' is now usually just noted by time/date scribbled in the margin of the NRC AM log. On another topic, my 2 cents worth on the oldies formats: it's no big secret in the radio industry that pre-1965 oldies are now considered too 'old' for most FM stations. FM doesn't much want listeners over age 50, and if you're old enough to remember Chubby Checker or Big Bopper, you're probably not in the demographic coveted by most FMs. The result: the AM nostalgia formats, such as 'Music Of Your Life' and 'Stardust' are becoming the places for the first generation of 'rock n roll'. Except for "MoYL", big bands are basically extinct on the radio now, which in my opinion is a shame because I actually like the music of the 1930's and 40's better than what has come since. The Westwood One "AM Only" format, which used to be nostalgia, is now more soft adult contemporary/oldies. "AM Only" not only won't play the likes of Benny Goodman, they also have largely cut out Tony Bennett and Rosie Clooney, and even Frank Sinatra has been cut way back. "AM Only" now is mostly ballads from the 1970's, it seems. If I had the money (I don't), I'd buy some small AM somewhere and program it with music from 1920 through about 1950. When was the last time you heard Ben Selvin and his Orchestra or a singer like Eddie Howard on the radio? I can only dream.....

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

I got a pretty good shock on 3/29 when I got a call from Julian Milewski that WMBT went off the air the day prior. This was one of the last stations I was doing contract engineering work for in this area, since they were, basically, "good pay" (they never gave me any hassles when paying bills). I had been with them since the early 1990's. Basically, the station had 'no staff'; anything that was on the air was either purchased time or put in by one of the people who worked with their parent company in Pottsville. It basically ran unattended all week with a computer inserting the ads for the breaks in the Jones network and another computer turning the transmitters on/off at the scheduled times AND taking the transmitter readings! I understand they have someone VERY interested in getting it back on also, so it may not be gone. By the way, the reception reports that went unanswered from the DX TEST there 4+ years ago I now have; I had forwarded them to the secretary there, she stuffed them in a desk, and quit! I'll be answering them as time permits (don't give up ANDY RUGG, it may be the record for longest time for a verie received!). I'm still very much a believer in AM radio; it still has a purpose, and I think it's going to be around well into the 'digital' age, if and when that ever gets started! 73

Dave