



DX NEWS

The magazine of the
National Radio Club

SINCE 1933

Volume 57, No. 13 - January 8, 1990 (ISSN 0737-1659)

Inside ...

2 .. AM Switch

3 .. Comments from Ed

4 .. DDXD-E

10 .. DDXD-W

12 .. IDXD

13 .. The Answer Man

16 .. Station Profile: WICE

17 .. City Quiz

18 .. GYDXA - 1240

22 .. Help!

24 .. Your name

CPC Tests Directory

- 1-8: WADN-1120 Concord, MA
WMNY-1370 Santee, SC
- 1-15: KCAN Glenn Allen, AK
WKEN-1600 Dover, DE
KABI Abilene, KS
- 1-21: WFIW-1390 Fairfield, IL
1-22: WILD-1090 Boston, MA
1-28: WAGL-1560 Lancaster, SC
2-4: WRSW-1480 Warsaw, IN
2-5: WCIL-1020 Carbondale, IL
2-19: WIVV-1370 Vilequef, PR

WADN-1120 - Concord, MA will conduct a DX test on January 8, 1990 from 2:00 am ELT to 2:30 am ELT. Test will be conducted using 5000 watts Directional (basically west). Programming will consist of 1 kHz test tones, Morse Code ID's and vocal ID's by both male and female announcers. Correct reports will be verified by Mr. Michael Klein NV1L, WADN Radio, Damonmill Square, Concord, MA 01742 (or report via NV1L QSL Bureau), Arranged by Michael Kline with assistance from Peter George and the Colorado CPC Machine for the NRC.

WMNY-1370 - Route 1, Box 189, Santee, S.C. 29142-9718 will conduct a DX test on January 8, 1990 at 0400 to 0430 Eastern Local Time. This test will consist of 1000 Hz tone and Code Id's by breaking the tone. Our thanks to Mr. Clarence Jones, Licensee, for this test. Test arranged by the Colorado CPC Machine for the National Radio Club.

KCAM-790 - P. O. Box 249 - Glennallen, AK 99588 will conduct a DX test at 0400 January 15. Programming will include code ID's every 5 minutes.

WKEN-1600 - Dover, DE will test Monday morning January 15, 1990 from 0200-0400 ELT with tones, music, many ID's, with 5000-watt day pattern. Pre-paid phone calls accepted at (302) 674-1234. Reports go to Dave Schmidt - WKEN - P. O. Box 553 - Dover, DE 19903 (arranged by Dave).

KABI-1560 - P. O. BOX 69, Abilene, KS will conduct a DX TEST from 0530-0600 Eastern Local Time and on. The date is Monday Morning January 15, 1990. The program will run at 250 watts 0530-0540, 140 watts 0540-0550, and 20 watts 0550-0600. At 0600 KABI will simulcast KSAJ-FM with oldies. The test will consist of, but is not limited to, "voice, tones, frequency sweeps, EBS tones, pink noise,

music or many combinations. Tune In." (signed) E. Joe Eck, Chief Engineer and Program Director. Arranged by the Colorado CPC Machine for the National Radio Club.

WFIW-1390 - P.O. BOX 310, Fairfield, IL 62837 will conduct a DX test on Sunday Morning January 21, 1990 from 0600 to 0630 Eastern Local Time. This test will be run using 1000 watts non-directional and will consist of march music, tones, and frequent voice and code ID's. Our thanks to Mr Gil Wallace at WFIW. Arranged by the Colorado CPC Machine for the National Radio Club.

WILD-1090 - Boston, MA will conduct a DX test on January 22, 1990 from 2:00am ELT to 2:30 am ELT. Test will be conducted using 5000 watts non-directional. Programming will consist of 1 kHz test tones, Morse Code ID's and vocal ID's by both male and female announcers. Correct reports will be verified by Mr. Michael Klein NV1L, P.O. BOX 2181, Lynn, MA 01903 (or report via NV1L QSL Bureau). Arranged by Michael Kline with assistance from Peter George and the Colorado CPC Machine for the NRC.

WCIL-1020 - P.O. BOX 700, Carbondale, IL 62903 will conduct a Special DX test broadcast on Monday, February 5, 1990 from 0630 to 0700 ELT. The test will consist of a special test announcement, Morse Code ID's and music. Reception reports are requested. All reports should be sent to Mr. Paul H. McRoy, General Manager. Arranged by the Colorado CPC Machine for the National Radio Club.

WRSW-1480 - P.O. BOX 1448, Warsaw, IN 46580 will conduct a special DX test on February 4, 1990 from 0530 ELT thru 0555 ELT s/o. The test will be conducted using the 1 kW daytime facility. At 0555 WRSW will switch to 500 w. directional. The test will consist of some marches, legal ID's, code ID's and will be interspersed with oldies from their automated normal programming. "In addition to acknowledging reports I will award a special prize to the furthest report of our signal. Regards" James L. Swearingen, Chief Engineer. Our thanks to Mr. Swearingen! Arranged by the Colorado CPC Machine for the National Radio Club.

WIVV-1370 - P.O. BOX 338, Vieques, PR 00765-0338 will conduct a special DX TEST on February 19, 1990 from 0400 to 0426 Eastern Local Time. At 0426 WIVV will sign on for its normal broadcast day. The test will be run with 5000 watts non-directional. This test will consist of Christian music with frequent voice and code ID's. Our thanks to Mr James C. French Operations Manager. Arranged by the Colorado CPC Machine for the National Radio Club.

Even if you do not hear the test or need the verification, why not send the stations in your area a thank-you letter, anyway?

THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and NRC members

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
890 *New VA Fairlawn	WGHK	1440 WMLA IL Normal	WIRE
990 KIXA CA Pittsburg	KKIS	1470 KKVU UT Tremonton	KZZK
1040 KKRE CO Monument	KCBR*	1480 KLEO KS Wichita	KZSN*
1220 WDRZ TN Etoawa	WCPH*	KLAY WA Lakewood	KDFL*
1230 WSTR MI Sturgis	WMSH	KLAY WA Lakewood	KTGN*
1290 WFIG SC Sumter	WQMX*	1510 KZKZ AK Greenwood	KVOG
1350 KRYT CO Pueblo	KGHF	KCCV MO Independence	KIDZ*
1380 KLNI HI Pearl City	KIPO	1580 KCWW AZ Tempe	KNIX*
1400 *New MI Sault Ste. Marie	WBPW	1600 KRQZ WA Dungeness	KCDV

NOTES ON CALLS: Nearly as many notes as call changes this time! First, two calls set aside and never used are WDRZ-1220 and KCWW-1580, both stations will retain their present calls. KKRE-1040 change to KCBR (Colorado Business Radio) has not yet been noted by the FCC's public notices. And speaking of the FCC letting another call fall through the cracks, the change from KLEO-1480 to KZSN took place 10-5-89 according to the station. As of today (12-25-89) this call change has NEVER appeared in any FCC notice of any DC area publication! Again this points out that despite all the info sources available today, you still can't beat a force of hundreds of active monitors to find out when the Feds screw up. Note this also corrects a previous report of a change to KCSN. The WFIG-1290 change was requested, then set aside, and not requested again. As we speculated in last issue, it appears the two applicants to share 1480 in Lakewood, WA once KLAY moves its call and programming to 1180 kHz will be using separate calls. If this deal goes through the KDFL call will be used on weekends only and KTGN the rest of the week.

APPLICATIONS FOR NEW STATIONS

None

GRANTS FOR NEW STATIONS

- 880 NC Winston-Salem: 1000 D3
VA Moneta: 2500 D3
- 890 VA Fairlawn: 2500 D3

APPLICATIONS FROM EXISTING FACILITIES

- 740 WIAC PR San Juan: night power to 4000 watts
- 880 KKMC CA Gonzales: powers to 50000/2500 (modifies app for 10000/2500)
- 1170 WCTF CT Vernon: power to 2500 watts
- 1400 WSJM MI St. Joseph: to 1310 kHz with 5000/500 U4 (reapplication)
- 1560 KFRS WA Sumner: power to 5000 watts
- 1580 WTTN WI Watertown: night power to 500 watts (although our database indicates their night power is already 500 watts)

GRANTS TO EXISTING FACILITIES

- 710 KUET AZ Black Canyon City: day power to 50000 watts, antenna to U3
- 760 KFMB CA San Diego: relocate XR
- 1330 WENA PR Penuelas: relocate XR
- 1540 KTGG MI Spring Arbor: power to 490 watts (200 CH)

The Answer Man

Got a question about radio? Send it to Russ Edmunds - 753 Valley Rd. - Blue Bell, PA 19422-2052. No question is a dumb question, and Russ will answer all, from basic to highly technical. Watch for the answer in DX News!

OTHERNESS

- 610 KSPN CO Vail: silent station is back ON THE AIR with a continuous repeating tape of tourist information, very much like the tapes heard on TIS stations, station is using their 217 watt night power, tape repeats 24 hours a day.
- 660 WBLX AL Fairhope: although licensed with a night power of 1000 watts, station is presently operating as a daytime-only station signing off at local sunset.
- 690 KVOI AZ Oro Valley: application to move to 700 kHz has been DISMISSED
- 830 WWMO NC Eden: operation has now moved here from 1130 kHz
- 1100 KDRY TX Alamo Heights: application for move to San Antonio DISMISSED
- 1110 KJTT WA Oak Harbor: action requesting reconsideration of granting CP for this new station (filed by KING-1090 claiming the potential for interference to their signal) has been DENIED clearing the way for construction of KJTT.
- 1130 WEDE NC Eden: new operation has taken over this frequency with this call now that WWMO has made the move to 830 kHz
- 1160 WPIE NY Trumansburg: new station is ON THE AIR
- 1360 KNIR LA New Iberia: station reports they are 24 hours now with their 208 watt night power operational

THANKS for contributions from CHARLES REH, WAYNE HEINEN, JEFF TYNAN and the M Street Journal.

A SPECIAL THANKS must go to NRCer and neighbor GAYLE YEAGER, one of the real unsung heroes of DX News. Gayle is the person who actually does all the work on the Address Changes column even though our name appears on the heading. Since Gayle only lives a few blocks away from your editor and since most QTH changes are contributed by people who also send in AMS contributions, we thought it'd be easier and save postage if both types of items could be sent to the same address in the same envelope. My involvement consists of marking the QTH changes with a highlighter and putting them into an envelope which we deliver to Gayle who, in turn, does virtually all work necessary to produce the column you read in DX News. So this is our annual reminder that GAYLE YEAGER deserves all the credit for the ADDRESS CHANGES column, I am only the mail drop.

Although the season will have passed by the time you read this, since this AM Switch is being prepared and typed on Christmas Day we want to say Merry Christmas to all the members, even though it might arrive a few weeks late.

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

From the Editor ...

Wayne has been working overtime to keep me off the front page ... and that's fine with me. We have a little business to take care of this issue, which we can do quite nicely here, thanks to Jerry leaving me a little room at the end of his column.

They joined ... William T. Nienajadly, Clifton, NJ; John H. Blue, LaPeer, MI; Joe Kremer, South Bend, IN; Rob Peebles, Dublin, OH; Kent E. Haase, Winnetka, MN; John Campbell, London, England;

Ed Norris K9PSR, Logansport, IN; Clay Pfeiffer, Grandville, MI; Tom Hurst, Tulsa, OK; Peter Doherty, Raleigh, NC, and M. W. Breezer, Jamestown, RI. Welcome, all!

DXChange ... Dr. Richard E. Wood is in the market for an AM/SW receiver in the \$1,000-2,000 range, modified okay. Must operate off 12 VDC. No R-71A, please. Write to him at P. O. Box 5074 - Hilo, HI 96720, or call (808) 966-6421, 0500-0800 UTC only.

Join the verification game!

Now, you can help out with station tests. Here's how: Send Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013 two 25c stamps per station, and Wayne and Jeff Tynan will print and mail an effective test request letter for you. You can either specify station and time, or just take pot luck. Increase your veries and help other NRC'ers at the same time ... join the verification game!

Domestic DX Digest - East

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

William Hale

734 Burleson
San Marcos, TX 78666

MEDIUM WAVE ramblings

- If you got a new receiver for Christmas, or bought your spouse one (hi), check out all the new DX you're receiving with it, and send it in to DDXD-E or W. Enquiring minds want to know about it.
- The 1230 Graveyard list which appeared in Issue 10 failed to include the records held by **Charles Reh** (there are many). I have included them toward the end of this column, AND updated the 1230 file. Checking all the other files found Charles' records included. Sorry.
- Once again reports have been received with no date or time info, or a time reporting system foreign to me. If one of your reported loggings is missing, that's probably why it it's not here.
- And I'm enjoying the bejeepers out of the SPURS!

SPECIAL

- 740 WVLN IL OLNEY - 11/24 1635 with **Solid Gold Country** from Unistar the day after Thanksgiving; change from BBD or just a Holiday special?? (WPF-IN2)
- 920 KARN AR LITTLE ROCK - 11/25 0059 noted with **Larry King**→CBS Nx; add to your Logs (WPF-IN2)
- 1010 KBIS AR LITTLE ROCK - 12/14 1800 with **Business Radio, AM 1010 KBIS Little Rock**→NBC Nx; **net is NBC/BRN**; ex:KHLT (EB-GA)
- 1120 WYGO GA GORDON - 12/18 1412 with OLD, **Gold 107.1** slogan, simulcasting WYGO-FM 107.1; IDs for Macon; ex:WQXM; fair over KMOX (EB-GA)
- 1160 WJJD IL CHICAGO - 12/11 1732-1831 **off completely, signed back on @ 1831** with annc't about technical difficulties (CR-ON)
- 1200 WOPA IL CHICAGO - 12/5 11/28 **noted on RS** with SS (just what Chicago needs w/at least 16 stns with some ethnic language, one on FM); poor signal for 10 kw (7 dots & 5 at night w/WOAI off); comparable to 950 & 1390 day signals, just below 1160 & just above 1240 day signals (WPF-IN1)
- WOPA IL CHICAGO - 12/16 2335 **new station, finally on**; noted with SS programming; it can be nulled here nites, WOAI noted in fair w/REL pgm after Midnight after Spurs-Majic game, WOWO noted fair. w/OLD (KO-IL)
- WOPA IL CHICAGO - 12/17 1035 in solid w/SS mx, in null WOWO noted in NW/SE direction only, usual [???] signal; XR is 9 towers at 103rd st & I-94 in Chicago; only slight weakening in null has SSS DX possibilities, I believe for WOAI/KFNW (KO-IL)
- 1280 WMRO IL AURORA - per 12/5 **Chicago Sun-Times is now WYSY**, simulcasting 107.9 w/MOR/Top 40; on 12/12 @0301 hrd ID on FM **Doin' it to the 'burbs, Y-108 is WYSY FM & AM** (no frequency) **Aurora-Lombard & _____** (3rd town I didn't catch); top of hour only mention of AM, otherwise Y-108 (WPF-IN1)
- 1300 WYTL IN TERRE HAUTE - 11/25 1306 & 11/26 1207 **Silent**; only WLXG-KY w/Oldies now heard here (WPF-IN2)
- 1360 WYER IL MOUNT CARMEL - 11/25 0300 listening to FM 94.9 WRBT which it simulcast AOR mx with (but breaks away for college sports); **gave P.O. Box of 490**, different from Log (WPF-IN2)
- 1390 WXTC SC CHARLESTON - 12/17 0135 with **Charleston's best mix of yesterday's music and today's light hits, 97 WXTC** slogan; back to simulcasting WXTC-FM 96.9; good over WAJD; ex:WZKG (EB-GA)
- 1420 WIMS IN MICHIGAN CITY - 1) address change:**685 East North, Michigan City, IN 46360; 2) Synchronous XR in LaPorte doesn't exist**, CP turned back to FCC by **M&M Broadcasting**, this according to CE **Bob Schilling** (WPF-IN1)
- 1460 WJYA GA BUFORD - **apparently back on frequency**; the nasty het they were causing was gone the day after I received my DX NEWS where I fingered 'em as my unID (Issue 9); maybe they read DX NEWS (CR-ON)
- 1510v WSMA MI MARINE CITY - 12/11 0606 with **Kate Smith & God Bless America** followed by ID & C&W mx; **was sliding all over the place** from 1500 to 1520 with strong distorted audio but no detectable carrier, not noted on 1590; finally vanished from 1510 area and were then hrd L&C on 1590; must have been a rat in the XR (CR-ON)

- 1528 WBCW PA JEANNETTE - 12/11 & 12/12 1600 tune-in, noted **off frequency** causing wicked het with 1530; not noted on 12/13 (CR-ON)
- 1580 WAMW IN WASHINGTON - 11/25 0004 did not hear, but ID for both the AM & FM 107.9 to which I was tuned; **so does have a Canadian Clear power but unknown how much** (WPF-IN2)

UNIDs AND UNIDs IDd

- 600 UNID ?? - 12/10 0616 good with **Elvis** mx, national wx outlook on Interstate Radio Network (SA-MB)
- 770 KCJB LA LAFAYETTE - to **Lmc-NY** from looking at the Log you've probably already figured out that this might be your unID of 10/14 (Issue 6) (WPF-IN1)
- 790 WQXI GA ATLANTA - 12/2 1034 noted OFF this AM, leaving WMC/WTSK/WETB fighting for domination; back by 1145 (EB-GA)
- 820 UNID ?? - 12/12 1650 with REL pgm called **Compassion Connection**, lost at 1700 due to possible power/pattern change; hrd WRFA at same time so it wasn't them; over/under WOSU with lots of CKLW splash (CR-ON)
- 990 WYAT LA NEW ORLEANS - probably **Doug Smith's** unID of 11/15 (Issue 10); they dropped ROK OLD for NOS a few months back; when last hrd, they were using the **Star 990** non-ID (CR-ON)
- WYAT LA NEW ORLEANS - may be **DS-WI's** unID of 11/15 (Issue 10); now BBD mx (WPF-IN1)
- 1330 WALZ MI FLINT - could be **NJW-ON's** unID of 10/8 (Issue 6); they are a subscriber to SMN's 2-Rock format; wish some high-powered U1 in Chicago was (WPF-IN1) [Write to WGN and ask!?, hi-Ed.]
- UNID ?? - 12/12 2153 w/BKB, (Dannon? Gannon?) Golden Knights vs Allegheny Gators; gfaded after 10 minutes, a surprise guest over co-channel New Yorker (EU-NJ1)
- 1339 UNID ?? - the FF Canadian reported here in August **is still off frequency**; heard most evenings but still can't get enuf audio to ID (CR-ON)
- 1490 UNID ?? - 12/11 0650 fair with wx for the **Shaw or Saw Peninsula** in °F cold & snowy; female anncr; looped E/W (SA-MB)

DX/EQUIPMENT TESTS

- 720 WGN IL CHICAGO - 12/10 0600 XLNT with sign-on after ET (RK-IL)
- WGN IL CHICAGO - 12/10 0530-0600 DC 0530-0547 then carted message with **Floyd Brown** saying that they were testing and regular programming would resume @ 5 O'Clock; nice to be woke up 17 minutes late for your own radio job by an ET, hi (WPF-IN1)
- 760 UNID ?? - 12/15 0315-0405+ assumed testing with piano & soft guitar mx; no IDs/no talk; @ 0346 promo for USA Radio; Network nx @ :00 complete with 3,2,1 countdown; 8 of 10 dots pounding WJR/Cuban; had network ads @ 0402, so if testing that's a violation (WPF-IN)
- 1190 UNID ?? - 12/16 0830 poor with bits & pieces of BBD mx; under WOWO, looped SSE; WMAD maybe?? (SA-MB)
- 1390 UNID ?? - 12/16 0922 good with **American Dream** call-in pgm; mentioned KID as an affiliate stn; faded @ 0926; looped S&W (SA-MB)

STEREO LIGHTS LIT

- 590 WVLK KY LEXINGTON (WPF-IN2)
- 1250 WRAY IN PRINCETON (WPF-IN2)

RETRACTION

- 1310 CHRO ON PEMBROKE - CHRO reported in Dec 4 edition, not them at all; letter from station says it was not them (likely CIWW with mention of Pembroke, just up the Ottawa River!) (DT-ON)

EXPERIMENTAL STATIONS

- 1630 KS2XAH VA NORFOLK - 12/15 & 12/17 ≈1730 with VIDs about every 30 seconds: **This is a test transmission for KS2XAH, Norfolk, Virginia; no sign-off, just ceased transmission** (WS-WV)

TIS ACTIVITY

- 890 TIS GA WOODSTOCK - 11/30 1530 operated by **Re-Max of North Atlanta, Inc** (real estate) with info on house at 5210 Willow Ridge Drive; range .25 mile, in place until house is sold (still there 12/20) (EB-GA)

WINDZ-AM750

17213 W. CONTINENTAL DR.
LANSING, ILLINOIS 60438
(312) 418-0752
(219) 923-0699

6
 570 WAAX AL GADSDEN - 12/5 0334 noted with Sports Final, same as KXOK; C&W mx later (WPF-IN1)
 600 WCHT MI ESCANABA - 12/10 0603 fair with ID:AM 60 WCHT (RK-IL)
 640 WGST GA ATLANTA - 12/11 0241 with break in Best of King show, promo for news tip line, call GST-NEWS, then Rush Limbaugh promo (he's on WLS, is that an ABC Talkradio show?); with WJTZ also with King/KFI not with King yet/WCRV/Cuban; whew [No kidding-Ed.] (WPF-IN1)
 800 CKLW ON WINDSOR - 12/17 0425 good with NOS/EZL mx, CKLW SID @ 0430; mixing with CHAB, in CKJS null (SA-MB)
 CHAB SK MOOSE JAW - 12/10 0600 fair with contest promo with several CHAB IDs, oldies mx; in CKJS partial null (SA-MB)
 810 WGRT IN INDIANAPOLIS - 12/10 0714 fair with sign-on (RK-IL)
 820 WBAP TX FT WORTH - 12/17 0435 fair with wx for Texas, WBAP ID+C&W mx; in CHAM/CKJS null (SA-MB)
 960 WPCN PA MT POCONO - 12/2 0557-0601 with PSA for Monroe County Easter Seals [say what?-Ed.], EZL mx, legal ID, CBS Nx; good over WELI (LMc-NY)
 CFFX ON KINGSTON - 11/26 0108 out of Color My World with Your favorite hits on the Fox 960 CFFX+another OLDie; 1st time here, mixing with WERC & talknet (WPF-IN2)
 980 WNNN FL POMPANO BEACH - 11/26 0300 with ID only; motivational talk stn (aren't we thankful, hi); 1st-timer anywhere, under WSIX with Jim Bohannon (WPF-IN2)
 990 WIVK TN KNOXVILLE - 12/17 0410 fair with WIVK IDs by female anncr; C&W mx mixing with XET during CBW SP (SA-MB)
 1010 WORM TN SAVANNAH - 12/11 0300 fair with OLD, ID (RK-IL)
 CFRB ON TORONTO - 12/11 0550 good with European mx, calling it Avante Garde, but it sounded like bad heavy metal if you believe that (SA-MB) [Isn't all hvy metal mx bad??-Ed.]
 1080 WPOG SC WALTERBORO - 12/10 0725 fair with B:GOS & promo to see the Golden Stars gospel group at various churches in the Walterboro & Cottageville areas (CR-ON)
 1090 WXBK AL ALBERTVILLE - 12/15 0700 fair with sign-on (RK-IL)
 1130 KAAB AR BATESVILLE - 12/8 0705 with Sandi Patty album ad+local nx sponsored by Batesville Insurance; nx had items from Batesville, Jonesboro, Lynn, Newark & Independence County; fair over a nulled WXXI (CR-ON)
 1170 WLKD WI WAUPUN - 12/10 0820 fair with lots of local ads for Waupun; The Lake AM 1170 slogan @ 0823; in KVOD null; new & WI #65 (SA-MB)
 1200 WFSF AL OZARK - 12/12 0745 fair+poor with sign-on (RK-IL)
 1210 WILY IL CENTRALIA - 12/16 0715 poor with sign-on (RK-IL)
 1220 WGAR OH CLEVELAND - 12/12 0700 w/local nx, IDd twice as FM 99.5, WGAR; good (EJ-NJ1)
 1230 WKYG WV PARKERSBURG - 12/17 0200 briefly with sign-off; poor in WEDC sponsor over WJOB briefly (RK-IL)
 1240 CJNS SK MEADOW LAKE - 12/11 0616 fair with Saskatchewan wx, CJNB ID+C&W mx; must be 24 hours now or sign-on much earlier than listed; 1st time hrd from Winnipeg (SA-MB)
 1270 KTFI ID TWIN FALLS - 12/10 0853 good with C&W mx with KTFI or KTFI 1270 AM IDs between tunes+local ads & Christmas announcements; new for me after many, many tries; ID #12 (SA-MB)
 1300 WAVZ CT NEW HAVEN - 12/8 0002-0030 w/sports phone-in show, local ads; under/over WFBR; poor (DT-ON)
 WFBR MD BALTIMORE - 12/8 0002-0030 w/news format, ad for Carroll & Associates; Business & financial nx 24 hours-a-day on WFBR; battling with WAVZ (DT-ON)
 WOOD MI GRAND RAPIDS - 12/7 0701 fair with NBC Nx+W-O-O-D Weather; hrd in partial CIFX null (SA-MB)
 1310 WTLB NY UTICA - 12/8 0130-0200 w/OLD ROK only "NTLI" [???-Ed.] to ID; fair (DT-ON)
 CIWW ON OTTAWA - 12/8 0130-0135 w/sportscast, ad for a frame store in Bella Corners; taken out by WTLB (DT-ON)
 CHGB PQ LA POCATIÈRE - 12/8 0036-0105 w/CLA; FF; good (DT-ON)
 1330 WEYZ PA ERIE - 11/30 0306 end of ABC Nx (didn't hear which one)+wx (2-4" of lake effect expected)+BBD mx; 1st time over unID TT (WPF-IN1)
 1370 KGNO KS DODGE CITY - 11/25 0202 noted with sign-off gave powers as listed in Log; 1st-timer here under WDEF (WPF-IN2)
 1410 CJMT PQ CHICOUTIMI - 12/10 0005-0015 w/FF talk; likely local ad; poor; under CKPT (DT-ON)
 1430 WBEV WI BEAVER DAM - 12/8 0635 good with local ads & PSAs+wx; they must have a new sign-on time from that listed in NRC Log (SA-MB)
 1480 WPWC VA DUMFRIES - 12/15 0802 atop briefly with twangy-voiced DJ giving detailed wx info (LMc-NY)

7
 1490 WLFN WI LA CROSSE - 12/11 0228 with non-ID:Fun Lovin' 1490 WLFN+OLD (WPF-IN1)
 1550 KBLK OK SAPULPA - 12/7 0155 with REL tele-talk @ 234-2620 & modern REL mx, not Stryppir (sic)...but modern, hi; FM 100.9 KXOJ no mention of 1550 @ ID; over/under KAPE with Holiday mx, no WOKJ; 1st-timer thanx to CR-ON for his extensive logging; I would have passed this by as WAAX (WPF-IN1)
 1560 WSLA LA SLIDELL - 12/7 0157 with Sports Final (same as WAAX/KXOK; no IDs but since this is the only one everybody is reporting as such I'll take it (WPF-IN1)
 1600 WXVI AL MONTGOMERY - 12/6 0338 with UC mx and ad for local band recreating the sounds of Glen Miller!; 1st-timer here, a semi-regular in SW Indiana (WPF-IN1)
 WZQB GA WARNER-ROBINS - 11/24 0047 with Power 102 WPPR non-ID and mx from Guns n' Roses, Taylor Dane, etc; 1st-timer here (WPT-IN2)
 MIDDAY TO MIDNIGHT
 540 WWCS PA CANONSBURG - 12/19 1900 good over KNOE with WWCS Canonsburg-Pittsburgh legal ID+CLA mx (EB-GA)
 620 WKNI AL LEXINGTON - 12/8 1640 XLNT with C&W mx+WKNI Sports (all local) followed by ad cluster for Lee's Bar-B-Q on Hwy 101, Nancy's Tours, a local auction and the East Lauderdale News; non-ID; you're listening to the best of the country on AM 620, back+C&W which sounded satellite-fed (CR-ON)
 630 WAVU AL ALBERTVILLE - 12/10 2300 with OLD and legal ID: The oldies station, WAVU Albertville; caught this thanks to operator (or computer) error at CFCC which switched to net feed too early; after several minutes of OC, net came on @ 2259:15 alerting stations to Standard Broadcast Nx coming up @ :00 and giving a 30-second countdown except for the last five seconds which were dead air, which is when WAVI IDd; AL #140 (CR-ON)
 KXOK MO ST LOUIS - 12/19 1825 good over WLAP with All news 630 time is 5:25+PNN Business Report+WCCN-680, Red Cross PSA, All News 630 time is 5:27+story on the controversial widening of Marine Avenue in western St Louis County (EB-GA)
 640 WGST GA ATLANTA - 12/10 1705 with ID & slogan Newsradio 64 (BS-NJ)
 WJTZ TN BLOUNTVILLE - 12/10 1645 woyth ID & carrying Washington Redskins FB (BS-NJ)
 670 WFFE FL MIAMI - 12/8 1700 with SS talk, SS & EE ID; good (WPT-DC)
 680 WCNB GA NORTH ATLANTA - 12/10 1653 with ID & news (BS-NJ)
 690 WVOK AL BIRMINGHAM - 12/5 1719 with TC, 20-20 News; good (WPT-DC)
 730 WJYM OH BOWLING GREEN - 12/19 1738 with Sonlight 730 WJYM slogan+ContChr mx; try going after this one, Fred Vobbe!; good+fair over XEX/WLIL (EB-GA)
 740 WQWZ FL ORLANDO - 12/7 1725 all alone on frequency with slogan 74 Wins; all news (BS-NJ)
 CBL ON TORONTO - 12/19 1658 with local news briefs, wx for Toronto, traffic report, no legal ID (honest!!)+CBC Nx; good and alone on channel with WSB-750 splash & no sign of US stns! (EB-GA)
 800 WHOS AL DECATUR - 12/18 1435 with local ads, Country 102 slogans; simulcasts WDRM-102.1 Decatur, AL; fair+poor with WQXI-790 splash (EB-GA)
 830 KBOA MO KENNETT - 12/18 1441 poor but alone on channel with local wx, Southern Gospel pgm (break from usual AC format); weak daytime regular (EB-GA)
 860 WDMG GA DOUGLAS - 12/19 1909 with local ads, female DJ, CHR format; fair+poor with CJBC/KKOW (EB-GA)
 870 WHCU NY ITHACA - 12/1 1402-1408 with CBS Nx, ad for local bank, OLD (DT-ON) [Don, this is correct city-Ed.]
 920 CFLS PQ LEVIS - 12/12 1700 with FF talk; fair under pile (WPT-DC)
 940 WGFP MA WEBSTER - 12/9 1612-1615 on pass-thru winding down Westwood One mx pgm; at 1615 they announced a power cut to be followed by restricted local service thru to 6 PM, then vanished (RUGG-MA)
 970 WXQK TN SPRING CITY - 12/10 1805 poor, ending ABC Nx+Followers ad followed by legal ID: This is Way FM on WXQK AM-970 in Spring City, WAYA FM-93.9 in Spring City & WAYD FM 76.7 in ?? (lost due to fade); TN #175 (CR-ON)
 KHVN TX FT WORTH - 12/7 1816 very good and alone with B:GOS mx followed by DJ giving number for requests (787-1970)+Sears ad and traffic report followed by Jesse Jackson commentary; many Heaven-97 KHVN IDs (CR-ON)
 990 WIVK TN KNOXVILLE - 12/10 1700 with wx report, ID as WIVK AM Stereo, Knoxville (BS-NJ)
 1000 WKYB SC HEMINGWAY - 12/4 1714 with end of gospel pgm, sign-off with mention of 10 kw power; fair with WLUP (WPT-DC)

1030 WNOW NC MINT HILL - 12/1 1651 with ads, traffic report, promos, ID; XLNT (DLH-IN)
 WYSL NY AVON - 12/14 1625-1630 with Wall Street Week in Review & sign-off w/SSB; poor under WBZ (LMC-NY)
 1040 WOKT KY CANNONSBURG - 12/18 1703 with USA Radio Net Nx, News, music and Information, AM 1040 WOKT slogan→contemporary mx; good over R. Moscow/WHO (EB-GA)
 1060 WNOE LA NEW ORLEANS - 12/14 1801 with C&W mx; lost @ 1802 pattern change; good mono & Stereo signals over KYW (EB-GA)
 1070 WNCT NC GREENVILLE - 12/2 1703 poor with legal ID:This is WNCT AM & FM Greenville (LMC-NY)
 KKZR TX HOUSTON - 12/11 1832 fair with ROK mx, ID, ads (RK-IL)
 WINA VA CHARLOTTESVILLE - 12/2 1720 briefly atop with PSA for fundraising dance, listener anniversary announcements, Don Henley song (LMC-NY)
 1090 WBAL MD BALTIMORE - 11/30 2230-2300 with talk show, CLs, ad for Calvert Liquor Store; medium poor; 2nd report for QSL (DT-ON)
 1110 WMBI IL CHICAGO - 12/12 1716 with end of gospel pgm, sign-off by CE; fair under WBT (WPT-DC)
 WYIC IN NOBELSVILLE - 12/1 1716 with sign-off, TV 42 invite (DLH-IN)
 KFAB NE OMAHA - 12/19 1755 with nx & features, traffic report, local ad, wx 4cast (8^o in Omaha), nx headlines, 5:00, KFAB TC, lost @ pattern change; good→fair with fair Stereo over WBT (EB-GA)
 1120 WCGM TN MARYVILLE - 12/10 1727 with sign-off with musical bed of Rock of Ages; poor thru KMOX (RK-IL)
 1150 WELC WV WELCH - 12/10 1705 on top with nx, lottery numbers & West Virginia wx followed by WELC Sports sponsored by an Exxon dealer, then TC & CL & repeat of wx 4cast; WV #80 (CR-ON)
 1160 WMVI NY MECHANICVILLE - 12/9 1327-1404 with Sinatra pgm, lots of local ads; IDs heard @ 1359 & 1400 followed by AP Network Nx (RUGG-NY)
 KFHM TX SAN ANTONIO - 12/11 1730 at first poor & fadey, then really strong by 1800 with SS ads, talk in broken SS, IDs as:Big M 1160; ROK mx; WJJD off w/technical problems (RK-IL)
 1180 WRJH TN KNOXVILLE - 12/2 1730 with sign-off, announced power of 10 kw, Power 1180 non-ID (WPF-IN3)
 1190 CJMR ON MISSISSAUGA - 12/10 1745 good with long sign-off jx (RK-IL)
 1200 WBCE KY WICKLIFFE - 12/18 1659 with legal ID=USA Radio Net Nx; fair over WAGE with WKGA-1190 splash (EB-GA)
 1230 WBZA NY GLENS FALLS - 12/9 1235-1303 on pass-thru with EZL OLD (such as Puff, the Magic Dragon, Washington Square, El Paso); IDs @ 1300 with slogan For real music, AM 1230 WBZA followed by MBS Nx (AR-NY)
 WMLR TN HOHENWALD - 12/11 2259:30 poor in mess with sign-off (RK-IL)
 1250 WARE MA WARE - 12/9 1549-1558 with Request Weekend pgm; frequent IDs and ads, as well as promo for evening b'cast of Celtics BKB (AR-MA)
 WTAE PA PITTSBURGH - 11/29 2101-2105 with Larry King show, local Chevrolet dealer ad; no CHWO, but CBOF on; medium poor; 2nd report for QSL (DT-ON) [Don, this is correct city-Ed.]
 1290 WAXO TN LEWISBURG - 11/24 2114 with oldies, ID (DLH-IN)
 KRGE TX WESLACO - 12/11 1830 fair with local ad, ID, nx (RK-IL)
 CJBK ON LONDON - 12/12 2015 w/record by Neil Young; canned-sounding ID: ...the best music...only here on CJBK; faded during subsequent Sly & the Family Stone record, then back @ 2024 with ad for Mapp's Variety Store; poor (EJ-NJ1)
 1300 WFBR MD BALTIMORE - 12/12 2028 w/Baltimore Jacks vs Cape Breton Oilers (minor league) HKY (the Jacks won); presumed WAVZ, New Haven, underneath, also w/HKY; good-fair (EJ-NJ1)
 1310 WXLL GA DECATUR - 12/18 1432 with B:GOS; fair over WDDO, groundwave is the pits down in the PEach State (EB-GA)
 1320 WARA MA ATTLEBORO - 12/9 1657-1704 on pass-thru with female in Talk 1320 yak show; ad cluster @ 1657; 1700 ID as WARA, Attleboro, 5 o'Clock followed by AP Network Nx (RUGG-MA)
 1370 WKIK MD LEONARDTOWN - 11/29 1625 poor with ID, ad for car dealer in Leo'town (LMC-NY)
 WFEA NH MANCHESTER - 12/13 1824 15^o in Manchester→ID:WFEA-where you hear more Beach Boys than anywhere else!→Surfin' USA; notes written ½ hour later when I had a chance to stop (EJ-NJ2)
 1410 WELM NY ELMIRA - 12/6 1915-1929 with local talk show, ad for a carpet company & AAMCO Transmissions; poor (DT-ON)
 1420 WDBF FL DELRAY BEACH - 11/30 1718 with BBD tune, wx forecast by DJ; fair (WPT-DC)
 WLBT GA TOCCOA - 12/13 1725 with SID, wx by female (37^o); fair (WPT-DC)
 WLBT GA TOCCOA - 12/18 1425 fair-poor WRGG with AC & local ads; these two have mixed on 1420 since WAVO pulled the plug last march (EB-GA)
 WCED PA DU BOIS - 12/10 1638 fair with ID & nx (RK-IL)
 1430 WDEX NC MONROE - 12/13 1728 with C&W m,mx, ID; good (WPT-DC)
 1480 WJIT NY NEW YORK - 12/6 2004-2030 with SS phone-in show, "Radio America" (?); over/under CKAN/WHBC; medium (DT-ON)

WHBC OH CANTON - 12/1 1610 fair with song These Eyes, ads for Nationwide Insurance & Ohio Pools; 1480 WHBC ID (LMC-NY)
 1500 KOKY AR JACKSONVILLE - 12/13 1800 fair with full sign-off over WLQV; no SSB; catch #50 on 1500 (CR-ON)
 1530 KGBT TX HARLINGEN - 12/19 1815 with CLs in SS, México mx; fair in WCKY null (EB-GA)
 1550 WLX CT HARTFORD - 12/9 1527-1539 with vocal mx of REL bent; occasional IDs & promos; used slogan:Christian 1550, WLX @ 1530 (RUGG-MA)
 1560 WTAI FL MELBOURNE - 12/30 1806 with NBC Nx, Talk Radio ID; fair (WPT-DC)

REPORTERS:

WS-WV WILLIAM SWIGER//Bridgeport, WV//HQ-180A + 600' LW//report via land line
 DH-IN DAVE HASCALL//FORTVILLE, IN//DX-400 + Sanserino, Superadio static
 SA-MB SHAWN AXELROD//Winnipeg, MB//R-70 + 3' Loop/100' LW + Mini Tun-3
 BS-NJ BOB SMOLAREK//Whitehouse Station, NJ//R-2000 + LW
 WPT-DC WILLIAM TOWNSEND//Washington, DC//ICF-2010
 CR-ON CHARLES REH//Leamington, ON//R-390A, S-40A, Sanserino Loop, 40" phased loop, Realistic TR-3000 open reel
 RK-IL ROBERT KRAMER//Chicago, IL//
 DT-ON DON TRELFOED//Scarborough, ON//
 LMC-NY LAURA MC CUSKER//Ravena, NY//GE World Monitor
 RUGG-xx ANDY RUGG//On The Road in state indicated//'87 LeBaron Car²x
 WPF-IN WENDELL FORD//Westville, IN//ICF-2010
 WPF-IN2 WENDELL FORD//Linton, IN//ICF-2010
 WPF-IN3 WENDELL FORD//near South Haven, IN//
 EJ-NJ1 EDWARD JANUSZ//Bricktown, NJ//ICF-2010 + Selectatenna loop
 EJ-NJ2 EDWARD JANUSZ//motoring on Garden State Parkway near Middletown//'85 Reliant
 KO-IL KEN ONYSCHUK//Country Club Hills, IL//Superadio
 EB-GA ERIC BUENEMAN//Woodstock, GA//DX-200, TM-152, SM-2

GRAVEYARD DX ACHIEVEMENTS UPDATE (all new records)

1230:	WSBB FL New Smyrna Beach	Charles Reh	Leamington, ON	904
	WFOM GA Marietta	Charles Reh	Leamington	568
	WSAL IN Logansport	Charles Reh	Leamington	217
	WHIR KY Danville	Charles Reh	Leamington	316
	WHSY MS Hattiesburg	Charles Reh	Leamington	831
	WSSO Starkville	Charles Reh	Leamington	680
	KODE MO Joplin	Charles Reh	Leamington	717
	WENY NY Elmira	Charles Reh	Leamington	292
	WLFH Little Falls	Charles Reh	Leamington	395
	KDIX ND Dickinson	Charles Reh	Leamington	1045
	WBPZ PA Lock Haven	Charles Reh	Leamington	272
	WOLS SC Florence	Charles Reh	Leamington	565
	WCLO WI Janesville	Charles Reh	Leamington	332
	CKLD PQ Theftord Mines	Charles Reh	Leamington	625

SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DDXD-E

TT: test tones OC: open carrier TC: time check RS: regular schedule GRM: interference
 QTH: location SID: signing ID CID: code ID jx: jingle mx: music nx: news wx: weather
 SSB: Star Spangled Banner LSR: local sunrise SRS: sunrise skip LSS: local sunset SSS: sunset skip
 PSRA: Pre-Sunrise Authority PSSA: Post-Sunset Authority HS: high school
 FB: football BB: baseball HKY: hockey BKB: basketball :00: on the hour ||: parallel with
 →: to or into *stereo SS: Spanish FF: French EE: English POL: political GOS: gospel
 REL: religion or religious AC: adult contemporary BBD: big band OLD: oldies ROK: rock
 'n' roll CHR: contemporary hit radio ContChr: contemporary Christian C&W: country &
 western EZL: easy listening UC: urban contemporary AP: Associated Press Radio UPI: United Press International
 MBS: Mutual Broadcasting System USRN: United Stns Radio Net NPR: National Public Radio MCRN: Music Country Radio Net IRN: Interstate Radio Net



73 Bill

The Broadcaster's Guide to DX
 A tri-fold guide for use with reception reports explaining DX'ing, how the NRC was formed, and the importance of QSL's to DX'ers. Versions also available in Spanish and French. US\$1.50 for 20. Available from the Pub Center.

Domestic DX Digest - West

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

Wayne Heinen

4131 S. Andes Way
Aurora, CO 80013
(303) 699-6335 (prepaid only)

Here it is, another column packed with the latest from the Pacific Coast and the Rocky Mountain Region. You'll find that most abbreviations are the same as used by Bill Hale in DDXD-E. Many format and network abbreviations are from the 9th Edition of the Logbook.

SPECIAL!

- 700 KSUR CA Soledad
12/12 0147-0205 Poor/XEGD,KFAM. CLA mx, KSUR-FM ID on the hour & possible short Nx. (New Station) (TH-CA)
- 700 KSUR CA Soledad
12/16 0957 weak but clear, "Here is the KSUR News", Nx then Wx for Monterey area. ID @ Hr "KSUR-FM 99.5" then CLA. Gave AM ID at 1004 over the music. (New Station) (RT-CA)
- 990 KIXA CA Pittsburg
My local now using these calls. Beware as they //KKIS 92.1 with lots of "Kiss FM" ID's. Only mention AM calls briefly on the hour. (EX-KKIS) (RT-CA)
- 1350 KGHF CO Pueblo (or KGH5)
12/23 1405 End Ai News with slogan "Listen Again KGHF". NOS format. Sounded like satellite feed w/Nat'l spots. 1414 lcl spot for St. Mary's Hospital. ID @ 1415 "Listen again to the Hit's of the 40's, 50's & 60's on KGHF 1350" Tnx to tip from OW. KGHF was the call here in the early '60's. (Ex-KRYT). (WH-CO) (With the slop from KDEN 1340 we're having trouble with "F" or "S". US West has no listing for either and the offices won't be open until after I have to mail this. We'll have more next week!)

Midnight to Midday

WARO-AM540
P.O. Box 191 • Canonsburg, PA 15317

- 540 KNOE LA Monroe
12/18 0545 OLD w/frequent ID's mixing w/another w/C&W. (WH-CO)
- 690 KOAQ NE Terrytown
12/13 1105 OLD Mx, lcl & Nat'l ads. Poor in KRMX null. (OW-CO)
- 730 KWRE MO Warrenton
12/18 0600 Instrumental SSB s/on ID As "The Clear Channel Voice of East Central Missouri KWRE Warrenton, (???)", Wentzville. Covered by XEX s/on (WH-CO)
- 750 KXL OR Portland
12/12 0205 Briefly w/promo for Tom Bodett's "End of the Road". Rare here usually KAMA & KOAL. (TH-CA)
- 780 WBBM IL Chicago
12/13 0620 Exceptionally good through KROW w/financial Nx & Wx. (TH-CA)
- 810 KGO CA San Francisco
12/16 0840 "California Weekend" TLK show w/John Hamilton. 0859 ID "The Voice of the Cal Bears, KGO San Francisco-Oakland-San Jose" & ABC Nx. Signal seems better lately. Still on temporary ND? (OW-CO) (believe they will be for a while-ed)
- 840 WHAS KY Louisville
12/13 0625 Armchair Copy (like the good old days, hi!) Occ QRM from presumed KWPN & Unid SS. (TH-CA)
- 840 KIKN TX Pharr
12/12 0500 o/WHAS w/ment of "True Country Favorites on KIKN AM Stereo 840 Pharr, TX" and C&W. (RT-CA)
- 1200 CHMG AB St Albert
12/13 0825 lcl ads, promos. OLD Mx, Slogan is "M-G 1200" Beware! slogan sounded very much like CFGO's "Energy 1200" AB#22. (OW-CO)
- 1200 CHMG AB St. Albert
12/11 0315-0400 Poor mixing w/CKDA. OLD Mx, Wx by woman, lcl ads & promos. Slogan sounded like "Classic Gold" SBN Nx on the hr. (TH-CA)
- 1200 CKDA BC Victoria
12/11 0315 Poor till WOAI s/off. MOR Mx, Entertainment Guide feature and local ads. (TH-CA)
- 1210 KOKK SD Huron
12/15 0728 Spots for The Chuckwagon & Western Drug; 0730 wx (-15). Fair/Poor in KGYN null. SD #16 (OW-CO)

- 1220 KZEE TX Weatherford
12/19 0704 Fair w/Wx, "K-zee" slogan. (OW-CO)
- 1240 KSON CA San Diego
12/15 OFF rare silent period. KSMA on top w/CBS Nx & Unistar OLD. (TH-CA)
- 1240 KSAC? CA Sacramento
12/15 0400 Suspect them w/CLA. No ID @ the hour. (TH-CA)
- 1240 KALY NM Albuquerque
12/15 0405 Good w/SS/EE ID and SS Mx. (TH-CA)
- 1310 KLIX ID Twin Falls
12/18 0525 C&W Mx to ID "With 5000 watts we're KLIX with the Best in Country Music" (WH-CO)
- 1310 WIBA WI Madison
12/18 0757 Loud covering KFKA w/ID. (WH-CO)
- 1350 KBRX NE O'Neill
12/19 0807 Wx (Temp -19), lcl spots, typical small town format. Poor. NE # 38. (OW-CO)
- 1360 KBUY NM Rudioso
12/18 0907 Lcl Nx to 0910 "Dateline New Mexico" w/lcl spots. (WH-CO)
- 1360 KSCJ IA Sioux City
12/18 0520 Noted AN this MM w/lite Rock another NSPer? (WH-CO)
- 1370 KAWL NE York
12/19 0717 Spot for German Farmers Agency, Wx related school delays, briefly o/KGNO. NE #37, (OW-CO)
- 1380 KLIZ MN Brainerd
12/13 0739 Poor u/KOTA w/Call ID & Xmas Mx. (OW-CO)
- 1420 KMOG AZ Payson
12/13 0849 School lunch menu, Wx, Call ID. Poor. AZ #52. (OW-CO)
- 1530 KXTD OK Wagoner
12/18 0810 Christmas Mx to ID @ 0815. Loud this AM (WH-CO)
- 1580 WTTN WI Watertown
12/22 0701 Briefly w/lcl closings due to WX and call ID. (WH-CO)
- 1580 KFDF AR Van Buren
12/16 0700 SSB, s/on, song "Let's Have a Revival". Breakfast giveaway at Dave's Diner. Fair. (OW-CO)
- 1580 KOKB OK Blackwell
12/16 0709 lcl wx then "Outdoor Oklahoma" prgm. Fair w/KRZI,KFDF etc. (OW-CO)

Midday to Midnight

- 620 KSTR CO Grand Junction
12/13 1840 C&W Mx, "K-Star" slogans. promo's. Good signal w/KHOW-630 slop. Was closest unheard non-GY. CO #81. (OW-CO)
- 1080 KVNI ID Couer d'Alene
12/16 1900 Poor w/KRLD. "...we're KVNI Couer d'Alene" and NBC Nx. Rare here. (OW-CO)
- 1080 KWJJ OR Portland
12/19 1909 tentative w/C&W Mx, PST TC's, YL w/traffic @ 1921. Poor u/KRLD Tnx JT for the tip! (OW-CO)

Unid's

- 900 UNID
12/12 0513 REL in CJVI null, male preacher talking, Who is this? (RT-CA)
- 1250 UNID
12/15 0408 C&W and OLD stations. Looping ENE. (TH-CA)

Contributors:

- (TH-CA) **Tim Hall** - Chula Vista, CA - ICF-2010, Radio West Loop
- (OW-CO) **John Wilkins** - Wheatridge, CO - R-1000, 2'6" loop
- (RT-CA) **Rich Toebe** - Pleasanton CA - ICF-2010, Sony SRFM40W
- (WH-CO) **Wayne Heinen** - Aurora, CO - R-390A, RW-TRF-655, 4' NRC loop

TXN!
Wayne Heinen



NEW MEXICO'S CHRISTIAN CONNECTION

International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hours

Chuck Hutton

983 St. Charles Ave., #1
Atlanta, GA 30306
(404) 892-6211, before 2300 ELT

- 580 JAMAICA RJR Galina at 0505 12/16 w/man anncr in accented EE mentioning Montego Bay,, "this is, RJR news", also story of killing of #2 man in Colombian drug cartel; fair-good, lost to MOYL station. (Csorbay)
- 770t COLOMBIA Emisora Nueva Granada 0305 12/6 mixing with WABC w/SS talk by man and woman anncrs, Xmas wishes from RCN network, WABC dominant by 0309, then resurfaced at 0312 w/talk mentioning "Colombianos"; poor-fair. Also noted 0525 12/17 w/rapid-fire talk by man in SS, perhaps a sporting event, w/mentions of Colombia; very good on this date but faded out by 0529 w/no definite ID. (Csorbay)
- 770t VENEZUELA R. Nacional at 0355 12/6, just heard end of Venezuelan NA leaving WABC and suspected Emisora Nueva Granada-Colombia in the background, both very poor. (Csorbay)
- 780 VENEZUELA Ecos del Torbes (San Cristobal) 0319 12/7 w/SS sports pgm mentioning Hector "Macho" Camacho (a boxer for those not tuned into him - Chuck) male anncr mentioning "Panorama Deportiva" pgm name and that it was produced by EdT and VDA studios in Washington DC; also mentioned pgm "El Dia al Mundo", jingle ID by females, and into Latin mx; very good, comparable to 4980 KHz freq!! Lost to WBBM by 0332. New to this logbook, Venezuelan #22. (Csorbay) Not a bad YV total - Chuck
- 800 UNID 2358 to 2400 11/27 woman singing in SS, man anncr, fade before ID, XEROK ??? (Trelford) We'll never know.... Isn't this a bit early for XEROK? I'm just guessing from sunset time memory - Chuck
- 830 CUBA CCMBD (?) 2337 12/2 singing with guitars, same artists all selections, woman anncr, fair over WCCO and CHAM splatter. (Trelford)
- 831 CUBA R. Taino 12/14 off freq by 1 KHz all this evening, also noted with 1 KHz hets on 1100 and 1040. Usual Taino programming in SS, but making all three frequencies totally unlistenable. Has Castro decided to get even more vicious in his "radio war"? (Boersma) I believe this is retaliation for the new TV Marti - Chuck
- 950 VENEZUELA R. Vision, Caracas 0337 12/6 man in SS w/brief talk, love ballad at 0341, male anncr mentioning Venezuela and "Radio Vision" ID, into rollicking LA pop tune. Good, down to fair by 0343; not heard here in years! (Csorbay)
- 1000 VENEZUELA R. Mundial Mil (Moron) at 0343 12/6 SS pop tune, man anncr w/ID which sounded like "... la alegria de la Avedal?, mas siete, en Mundial Mil!" and into more pop mx; good over WLUP. (Csorbay)
- 1030 HAITI Radio 4VEH at 2359 12/13, just heard the end of "Amazing Grace" IS on chimes/bells through WBZ; good signal. (Csorbay)
- 1040 CUBA R. Taino 0035-0100 12/8 in EE woman talk. History of General Antonio Mateo - no WHO, splatter from CHUM, fair. (Trelford)
- 1041 CUBA R. Taino at 0218 12/15 noted off freq on all three freqs this night only (831, 1041 and 1101) badly hetting US clears WCCO, WHO and WWWE; EE programming, pop instrumentals and SS vocals. New tactics in the radio war? Back to normal (on freq, that is) (glad you made that distinction - Chuck) every night since. (Csorbay)
- 1080 UNID 0205 - 0207 12/8 2 men singing in SS, poor, faded out, CMCU? (Trelford) Not really enough to make a guess on here. Cuba is the most common LA here but far from the only one - Chuck
- 1100 CUBA R. Taino 0121-0131 11/8 in EE, letter about Revolutionary, 0430 ID in SS, music, over WWWE, good. (Trelford)
- 1100 CUBA R. Taino (Havana at 0314-0320 12/6 w/LA mx, mentions of Havana which made me check 1040 KHz to find both in parallel and very good signals on both freqs. Rats! Hoping for Radio Reloj-Colombia. (Csorbay)
- 1120 UNID 0132-0137 12/8 SS music, man anncr, over KMOX, faded 0437, poor. (Trelford)
- 1130 UNID 0153-0134 12/8 SS male anncr, woman singing, faded out, poor. (Trelford)

- 1130 UNID 0153-0200 12/8 under above, SS man singing, woman singing, faded out, poor. (Trelford)
- 1280 MEXICO XEAN Monterrey 0410-0415 12/9 SS anncr and music, "Supra" mentioned, over CJMS, no US stations at all, fair. (Trelford)
- 1330 UNID 0611-0625 12/9 SS talk and music, one number with bongo drums, under and over WEYE and unid. (Trelford)
- 1610 ANGUILLA 2342-2405 religious pgm in EE, very poor. (Trelford)

Phil Boersma - Spring Lake, MI
Mike Csorbay - Canfield, ONT
Don Trelford - Scarborough, ONT

?????, ??????
Sony ICF2010, LW
?????, ??????

The Answer Man

"No Question Is A Dumb Question"

Answers to members' questions, from the basic to the technical

R. J. Edmunds

753 Valley Road
Blue Bell, PA 19422-2052

Hello again! It's time for another edition of NRC's Answerman. So far this year, your support has been very encouraging. I hope that the types of questions which have appeared so far will continue to encourage more of the same.

QUESTION: With FM & TV, the MUF (maximum useable frequency) moves up and down, resulting in different conditions on upper and lower channels. To what extent can reception conditions at the bottom and top of the band differ? During auroras? With TA's?

ANSWER: Reception conditions, per se, at the upper and lower ends of the BCB are not usually affected differently. By the very nature of the medium wave frequencies, groundwave propagation, which governs daytime reception, covers a greater distance at the bottom of the band than at the top. For this reason, a majority of the older stations are found in the bottom half of the band, as are the majority of the clear channels. Further information on this can be found in the articles contained in the front of the NRC Night Pattern Book.

Skywave propagation differs slightly as a result of the daytime disparities noted above, if only because of the placement of stations and distribution of power on the lower frequencies in response to groundwave considerations. On their own, however, skywave components are less subject to discrete frequency-based influences. As we know, skywave signals are subject to either absorption, reflection, refraction, pass-through, or a combination of these, in the various ionospheric layers. (It should be noted here, however, that to the DX'er, the differences between reflection and refraction, or between either of these, and a combination, are generally indistinguishable.)

In any event, the frequency below which signals are reflected back from a given ionospheric region is called that region's critical frequency. Two which come most readily to mind are the oblique critical frequency (for signals paths following a track oblique to the ionospheric layers) and the vertical critical frequency (for vertical signal paths). In both cases, there are dependencies on electron density, signal angle, and layer altitude. Clearly, these are impractical for casual DX use on a detailed level, requiring, as they do, information which is beyond the reach of nearly all of us. Since propagation is often split between different layers, this knowledge will not help us to predict DX conditions anyway.

The practical result of this is that at certain levels of ionospheric electron density, signals propagation on certain frequencies and at certain angles may be propagated differently by different layers of the ionosphere. In my experience in my former life as an active DX'er in Northern New Jersey, there were nights where TA signals were primarily audible only at the top of the band -- in fact these were the case in what we then termed as average to below-average conditions. During good conditions, TA's were audible throughout the band, while during poor conditions, they were totally inaudible. During auroral conditions, the geography of the signal path becomes the governing factor, since auroral conditions are usually quite widespread.

During certain types of geomagnetic disturbances, such as auroral substorms or sporadic-E receptions, frequency can again become critical, as these may be more localized conditions, thus yielding more readily-observable differentiations in critical frequencies. Here, again, the effects may not be easily distinguished from the more "conventional" auroral conditions, as they are frequently quite volatile and short-lived in nature.

Under normal conditions, domestic propagation is not noticeably affected by anything similar to these frequency-sensitive effects, or, if they are, the effects are sufficiently masked by other factors as to be generally unrecognized.

QUESTION: J. C. Whitney, the mail-order automobile accessories supplier, lists an omnidirectional VHF/UHF/FM antenna for vans, RV's, camper, etc. It is low profile, and is claimed to receive well up to 50 miles. Can this be useful? Who manufactures it?

ANSWER: The antenna in question (thanks for the copy of the ad, by the way) is a form of DDRR (Directional Diversity Ring Radiator) which has been used in various applications for a number of years. I have a DDRR for VHF amateur use (both transmit and receive) and it compares quite favorably with omnidirectional whip antennas at frequencies of 144 to 148 MHz., which fall in between the ranges specified for the Whitney antenna. I see no reason why it shouldn't work on a vehicle as specified. I've not had as good experience with mine when trying to use it as an indoor antenna. The problem is that this antenna is that it seems to require a fairly uniform ground below it. In mobile applications this is provided by the vehicle body, which is, conveniently, generally metal, and therefore renders a good ground for the antenna.

The only conclusion I can draw from all of this is that if you wish to use one indoors, it might be a good idea to provide a reasonably large piece of sheet metal to mount it on. This may make the entire issue unworkable. I've tried mounting mine on appliances in motel/hotel efficiency suites with only modest success, but I was dealing with weak signals.

I trust that this discussion also answers your other question as to the DDRR developed in the 50's. I cannot provide any information on why it has not been used more in commercial broadcast situations. It may be either a frequency-based incompatibility or a transmission mode (AM vs. FM) one. Any additional information from others would be appreciated.

QUESTION: Is there a way to determine approximate frequencies of split-frequency stations without resorting to costly and/or complex equipment?

ANSWER: Yes, there are two reasonably inexpensive and practical-to-use methods. One is through the use of a vernier tuning device. This involves merely the replacement of the tuning dial knob with a vernier tuning knob (available from most electronics suppliers, or via surplus), and the subsequent calibration of it. Calibration is accomplished by tuning in the two adjacent even channel signals, noting their vernier dial positions, and then tuning in the split-frequency station, noting its position, and mathematically interpolating the result by means of ratio and proportion. Remember, however, that any physical movement of the body of the vernier dial (as opposed to the tuning mechanism itself) during this series of measurements will throw the entire calculation off.

The second method involves comparing the audible heterodyne's frequency with tones produced by a source such as an inexpensive pitchpipe. This does require enough musical aptitude to discern one note from another, and to audibly match them, which includes the aspect of converting to higher or

lower pitches of the same note (i. e. octaves higher or lower). Finally, it requires the existence of enough of a discrete signal from the split-frequency station to determine if it is higher or lower in frequency than a designated reference station of known frequency. A table of the basic frequency conversion system appears below.

Musical note	Pitchpipe Frequency	1 octave Higher	1 octave Lower
Middle C	264	528	132
C#/Db	280	560	140
D	297	594	148.5
D#/Eb	314	628	157
E	330	660	165
F	352	704	176
F#/Gb	374	748	187
G	396	792	198
G#/Ab	418	836	209
A	440	880	220
A#/Bb	467	934	233.5
B	495	990	247.5

All frequency values above are in kiloHertz.

Measurements made with either method are not accurate, although using both methods together, checking one against the other, can produce reliability to approximately 0.5 kHz..

There is still more material on hand, some which I can't fit in here, and some which require additional information. Thanks to an exceptionally busy mid-November to mid-December at work, we're rapidly exhausting the backlog of columns I'd set up for that purpose. I expect to get back out ahead of it again before this one hits DXN, thanks in part to the holiday break. In the meantime, since this will appear after that, keep the questions (and the answers) coming!

73's

WJ

Trans World Radio
Bonaire, Netherlands Antilles

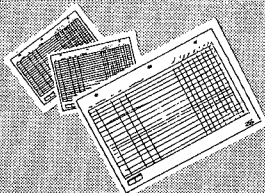


Logsheets - By Frequency

110 sheets, 25 entries possible per sheet with space available to add your own columns. Punched for three-ring binders, full-size 8.5 x 11 inches, on heavy paper.

US\$5.00 (25 sheets for US\$1.25).

Order from the Pub Center.



TOWER TIP

WXVW-1450
1000 WATTS
JEFFERSONVILLE, IN

WHAT TO LOOK FOR: Visible from I-65 during the daytime (no lights).

CONTRIBUTED BY: Dick Truax, Louisville, KY

Send a rough sketch and a few words about a.m. towers in your area to John D. Bowker, 14 Canoe Brook Drive, Princeton Jct., NJ 08550

NRC AM Radio Log

The most up-to-date listing of domestic MW stations available, anywhere! 200 pages, three-hole punched.

\$12.95 each, to U. S. NRC members; \$13.95 Canadian NRC Members; others write.

Send orders to Publications Center

Station Profile

A special feature concerning a unique station

Tony Fitzherbert
 356 Jackman Avenue
 Fairfield, CT 06430

WICE 550 AM
 STEREO

PO Box 6427 Providence RI 02940 401-725-9000
 100 John Street Cumberland RI 02864 Fax 725-9002

The call WPAW has been used by at least two different broadcasters in the manufacturing town of Pawtucket, located on the bank of the Blackstone River in the nation's smallest state. The more recent use of the WPAW call was its assignment to Neil Murphy in 1950. Mr Murphy, with prominent Pawtucket resident Dominic Hysko, went to the air on 1380 khz, with their 1000 watt nondirectional daytimer

to serve Pawtucket, and neighboring Central Falls. WPAW's first studio was in a building in downtown Pawtucket, and the signal was transmitted from a guyed 200 foot tower in the River Bend section of town.

In its early days, WPAW aired middle of the road and big band music. Civic minded Dominic Hysko programmed many locally - produced programs for Pawtucket and Central Falls listeners, including live dances from a Polish club, and many remotes from city events and businesses. The station was affiliated with the ABC network. A mass, in Polish, was carried each Sunday, for the area's substantial Polish population.

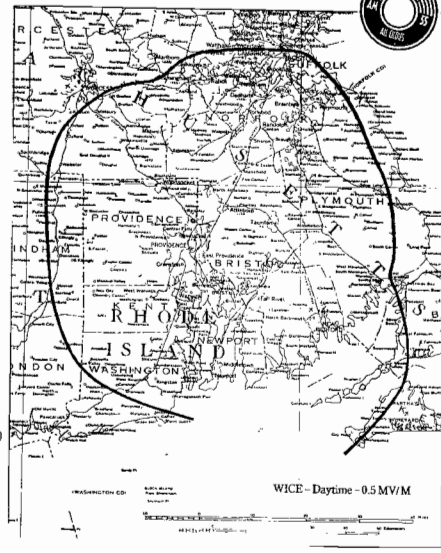
Wishing a better signal, and nighttime operation, in 1959 the station applied for 550 khz, and 1000 watts non directional days, and a 500 watt directional signal at night, to protect WDEV, 550, Waterbury, VT, and CFNB, Fredericton, N.B. In the same year, the studio was moved to

100 John Street, Cumberland, just north of Pawtucket. Two guyed 306 foot towers were built at the site.

The call was changed to WXTR for "Extra Radio", because of the station's almost totally locally-oriented programming, and its low dial point. In subsequent years, the station's format was changed to all oldies, and the call WGNG was secured to publicize the "Golden Greats". 1380 was applied for by a broadcaster in Woonsocket, and is now WNRI.

Today, the rock oldies format remains, but the call was changed to WICE. These call letters are an integral part of the Providence area lore. In the late '50's and early '60's, WICE - 1290 (now WRCP, with a Portuguese/Spanish format) rocked on every Ocean State teenager's dial. WICE-550 has been sold by Beam

WICE Coverage Map



Communications to Roger Williams Broadcasting. The new corporation is owned by the Hysko family, who, again has controlling interest in the station that Dominic established in 1950.

BIG 55 WPAW

1
 ABC
 -
 RADIO
 ST

on Your
 RADIO

PROVIDENCE AND PAWTUCKET, RHODE ISLAND

Cape Coa to New London, CT, blanketing the entire Rhode Island coastline. A third tower will be erected in line with the two existing towers.

The oldies format is augmented by Mutual News, Larry King at 2300 hours, Yankee Baseball, and N.Y. Giants Football. On Sunday mornings, WICE broadcasts Hutson Turner's gospel program which has been on the air on 550 khz for over 28 years. The Polish mass (from Orchard Lakes, MN) is still carried for the congregation of a Polish church in Central Falls.

AM drive listeners enjoy "Big Ange" who is no stranger to area radio listeners. Big Ange worked at WKFD-1370, Wickford, and WPRO-630 prior to his job at WICE. The afternoon DJ is Vin Greco, formerly of Providence's WEAN-790.

A construction permit has been granted by the FCC for 5000 watts days, and 1000 watts at night, with two different patterns. The day pattern will cover the coastal area from Barnstable, on

WICE's studios, offices, and transmitter are located on the bank of the Blackstone River. The two story building houses a control room, production studio, a news studio, and offices. Of interest to NRC members would be the old board and UPI teletype machine displayed in the lobby. The transmitter room, domain of Chief Engineer Norman Allebaugh, houses the station's Harris Essex I Solid State Transmitter, plus "Old reliable". the RCA BTA IR backup unit. Norm is an accomplished DX'er, who years ago frequently heard West Coast and Hawaiian stations while DX'ing at both his area home and at the WICE site. Norm was at WEAN for 30 years before retiring, and, in retirement, he has been WICE's CE for 4 year.

Just across the Blackstone River, only a couple of hundred feet away is the brush and weed covered site of WFCI-1420, a 5000 watt station, licensed to Lonsdale, RI. In 1950, WFCI became WPJB-AM, the radio station of the Providence Journal and Bulletin. WPJB simulcast its FM. In 1954, Hurricane Carol demolished the station's two towers, and WPJB was never rebuilt. Nothing but the cement base of the towers marks the site of this station.

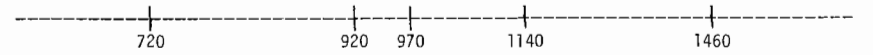
Thanks are due to Norm Allebaugh for assistance in this profile of WICE radio. Norm would appreciate, and will be happy to verify correct reception reports. The furthest report he has received was from Western VA.

CITY QUIZ

John S. Bowker, Valparaiso, IN

QUIZ #45

Only one city in the United States has stations operating at the five dial positions shown below. Of course, there may be other stations in this city too! Can you spot the city?



Here is a hint; it is one of these: Richmond, Chicago, Las Vegas
 (The answer will appear at the end of the next City Quiz in DX News.)
 The answer to City Quiz #44 Houston

FM Station Address Book, 3rd Edition

ONLY \$9.95 (Canada, US\$10.45) to the Pub Center (Foreign orders, please write for price)
 • Listed by state, city • Includes Canadian Stations • 8.5x11 inches, 3-hole punched • Full-size type

Graveyard Achievements

Distance records attained on 1230, 1240, 1340, 1400, 1450, and 1490 kHz

William Hale

734 Burleson
San Marcos, TX 78666

1240 Kc

Prior to Jan 1, 1960

Date of last update: Dec 7, 1989

WEBJ	AL	Brewton	Gene Allen	Vallejo, CA	2057
WULA		Eufaula	Gene Allen	Vallejo	2142
WOWL		Florence	Roy Millar	Bellevue, WA	2007
WJBY		Gadsden	Gene Allen	Vallejo	2041
WWWB		Jasper	Gene Allen	Vallejo	1977
WCVO		Montgomery	Gene Allen	Vallejo	2066
KBYR	AK	Anchorage	Gene Allen	Vallejo	2019
KBYB	AZ	Globe	Hank Holbrook	Chevy Chase, MD	1922
KOFA		Yuma	Laurie Boyer	Dunedin, NZ	7153
KVRK	AR	Arkadelphia	Don Kaskey	Galva, IA	584
KWAK		Stuttgart	Don Trelford	Scarborough, ON	906
KURE	CA	Crescent City	Roy Millar	Bellevue	414
KRDU		Dinuba	Laurie Boyer	Dunedin	7161
KHUM		Eureka	Laurie Boyer	Dunedin	759
KMBY		Monterey	Roy Millar	Bellevue	2620
KPPC		Pasadena	Stan Morss	Boxford, MA	862
KRKS		Ridgecrest	Roy Millar	Bellevue	7188
KROY		Sacramento	Laurie Boyer	Dunedin	7117
KRNO		San Bernardino	Laurie Boyer	Dunedin	7165
KSON		San Diego	Eric McIntosh	Invercargill, NZ	880
KSMA		Santa Maria	Roy Millar	Bellevue	7912
KSUE		Susanville	Laurie Boyer	Dunedin	206
KLAC		Glenn	Gene Allen	Vallejo	7841
KRDO	CO	Colorado Springs	Laurie Boyer	Dunedin	1026
KDGO		Durango	Roy Millar	Bellevue	1026
KSLV		Monte Vista	Roy Millar	Bellevue	1075
KWBC		Montrose	Gene Allen	Vallejo	779
KCRT		Trinidad	Frank Wheeler	Erie	1332
WWCO	CT	Waterbury	Frank Wheeler	Erie	320
WLCO	FL	Eustis	Frank Wheeler	Vallejo	2487
WLTK		Wt. Myers	Gene Allen	Scarborough	965
WLRF		Leesburg	Don Trelford	Scarborough	1259
WMMB		Melbourne	Don Kaskey	Omaha, NE	2522
WFOY		St Augustine	Roy Millar	Bellevue	2268
WGAJ	GA	Augusta	Gene Allen	Vallejo	967
WBHB		Fitzgerald	Don Kaskey	Omaha	851
WGGA		Gainesville	Don Kaskey	Galva	2199
WLAG		La Grange	Roy Millar	Bellevue	2288
WBNI		Hacon	Roy Millar	Bellevue	2239
WPAX		Thomasville	Gene Allen	Vallejo	934
WTWA		Thomson	Don Kaskey	Galva	259
KVNI	ID	Coeur d'Alene	Roy Millar	Bellevue	573
KJRL		Pocatello	Roy Millar	Bellevue	347
KWEI		Weiser	Roy Millar	Bellevue	394
KCRW	IL	Chicago	Frank Wheeler	Erie	8688
WDFC		Chicago	Laurie Boyer	Dunedin	1850
WEDC		Chicago	Gene Allen	Vallejo	394
WSBC		Chicago	Frank Wheeler	Erie	394
WEBQ		Harrisburg	Gene Allen	Vallejo	1850
WTAX		Springfield	Frank Wheeler	Erie	526
WSDR		Sterling	Gene Allen	Vallejo	1743
WBHU	IN	Anderson	Frank Wheeler	Erie	321
KDEC	IA	Decorah	Frank Wheeler	Erie	598
KWIC		Decorah	Frank Wheeler	Erie	598
KBIZ		Ottumwa	Gene Allen	Vallejo	1599
KICD		Spencer	Don Trelford	Scarborough	792
KIUL	KS	Garden City	Ralph Sperry	Fairfield, CT	1485
KAKE		Wichita	Roy Millar	Bellevue	1441
WINN	KY	Louisville	Eric McIntosh	Invercargill	8746
WFTM		Mayesville	Gene Allen	Vallejo	2084
WPEC		Pikeville	Don Kaskey	Galva	762
WSFC		Somerset	Don Kaskey	Omaha	673
KALB	LA	Alexandria	Gene Allen	Vallejo	1756
KANE		New Iberia	Roy Millar	Bellevue	2045
WCEM	MD	Cambridge	Laurie Boyer	Dunedin	9087
WCMD		Cumberland	Don Trelford	Espanola, ON	482
WJEJ		Hagerstown	Frank Wheeler	Erie	371
WHAI	MA	Greenfield	Frank Wheeler	Erie	383
WHAC		New Bedford	Don Trelford	Espanola	622
WOCE		West Yarmouth	Frank Wheeler	Erie	312
WATT	MI	Cadillac	Frank Wheeler	Erie	311
WCBY		Cheboygan	Frank Wheeler	Erie	333
WJPD		Ishpeming	Don Kaskey	Galva	489
WJIM		Lansing	Frank Wheeler	Erie	232
WMFG	MN	Hibbing	Frank Wheeler	Erie	377
WMS	MS	Hibbing	Frank Wheeler	Erie	809
WGCM		Gulfport	Gene Allen	Vallejo	1968
WQOZ		Meridian	Gene Allen	Vallejo	1903
WMIS		Natchez	Frank Wheeler	Erie	959
KXLW	MO	Clayton (EBS)	Roy Millar	Bellevue	1729
KFMO	MO	Flat River	Frank Wheeler	Erie	623
KWOS		Jefferson City	Gene Allen	Vallejo	1629

KBYM	MT	Billings	Roy Millar	Bellevue	665
KXLJ		Helena	Don Kaskey	Galva	864
KELK	NV	Elko	Laurie Boyer	Dunedin	7509
KFOR	NE	Lincoln	Frank Wheeler	Erie	869
KODY		North Platte	Gene Allen	Vallejo	1162
KELK	NJ	Elko	Roy Millar	Bellevue	570
WSNJ	NV	Bridgeton	Frank Wheeler	Bellevue	376
KOAT	NM	Albuquerque	Don Kaskey	Galva	378
KAMO		Carlsbad	Frank Wheeler	Erie	1495
KVBC		Farmington	Roy Millar	Bellevue	1049
WGBB	NY	Freeport	Frank Wheeler	Erie	350
WGYA		Geneva	Frank Wheeler	Erie	164
WJTN		Jamestown	Don Trelford	Scarborough	102
WVOS		Liberty	Don Trelford	Espanola	466
WNBZ		Saranac Lake	Frank Wheeler	Erie	334
WATN		Watertown	Frank Wheeler	Erie	236
WHVN	NC	Charlotte	Frank Wheeler	Erie	461
WCNC		Elizabeth City	Frank Wheeler	Erie	504
WJNC		Jacksonville	Frank Wheeler	Erie	527
WSYD		Mount Airy	Don Kaskey	Omaha	887
WPJL		Raleigh	Frank Wheeler	Erie	437
WENC		Whiteville	Gene Allen	Vallejo	2440
KDLR	ND	Devils Lake	Frank Wheeler	Erie	398
WBBW	OH	Youngstown	Don Kaskey	Galva	769
WHIZ		Zanesville	Gene Allen	Vallejo	2168
KVSO	OK	Ardmore	Gene Allen	Vallejo	1430
KBEL		Idabel	Gene Allen	Vallejo	1558
KBGG		Oklmulgee	Gene Allen	Vallejo	1462
KGOV	OR	Corvallis	Roy Millar	Bellevue	219
KMED		Medford (EBS)	Roy Millar	Bellevue	363
KWRC		Pendleton	Roy Millar	Bellevue	235
KSGA		Redmond	Roy Millar	Bellevue	237
KRXL		Roseburg	Roy Millar	Bellevue	306
WRTA	PA	Altoona	Don Trelford	Scarborough	221
WBAX		Wilkes-Barre	Frank Wheeler	Erie	223
WKBK	SC	Newberry	Frank Wheeler	Erie	541
WDXJ		York	Frank Wheeler	Erie	382
KWAT	SD	Watertown	Gene Allen	Vallejo	1301
WBEJ	TN	Elizabethtown	Don Kaskey	Galva	599
WEKR		Fayetteville	Don Kaskey	Galva	679
WBIR		Knoxville	Laurie Boyer	Dunedin	8625
WKDA		Nashville	Gene Allen	Vallejo	1963
WENK		Union City	Frank Wheeler	Erie	626
KVBF	TX	Alpine	Roy Millar	Bellevue	1559
KVLA		Bryan	Gene Allen	Vallejo	1572
KGBS		Harlingen	Gene Allen	Vallejo	1546
KTXJ		Jasper	Roy Millar	Bellevue	1901
KOCC		Kilgore	Roy Millar	Bellevue	1812
KMAC		San Antonio	Gene Allen	Vallejo	1496
KXOX		Sweetwater	Gene Allen	Vallejo	1288
KQVO	UT	Provo	Gene Allen	Vallejo	582
WSTI	VT	Montpelier	Frank Wheeler	Erie	411
WSSV	VA	Petersburg	Don Trelford	Espanola	632
WROV		Roanoke	Frank Wheeler	Erie	361
WTON		Staunton	Frank Wheeler	Erie	276
KKLE	WA	Ellensburg	Laurie Boyer	Dunedin	7651
KGY		Olympia	Roy Millar	Bellevue	51
KLOQ		Yakima (EBS)	Roy Millar	Bellevue	619
WV		Bluefield	Don Trelford	Espanola	619
WTPP		Charleston	Don Trelford	Scarborough	386
WDNE		Elkins	Don Kaskey	Galva	845
WKOY		Wheeling	Pete Taylor	Durham, NC	300
WOMT	WI	Manitowoc	Gene Allen	Vallejo	1846
WTBU		Ponnetette	Gene Allen	Vallejo	1738
WOBT		Rhineland	Frank Wheeler	Erie	526
WJMC		Rice Lake	Gene Allen	Vallejo	1652
KFCB	WY	Cheyenne	Frank Wheeler	Erie	1272
KLUK		Evanston	Gene Allen	Vallejo	634
KASL		Newcastle	Roy Millar	Bellevue	907
KRAL		Rawlins	Don Trelford	Scarborough	1411
KTHE		Thermopolis	Laurie Boyer	Dunedin	7914
CKLN	BC	Nelson	Roy Millar	Bellevue	776
CJAV		Port Alberni	Laurie Boyer	Dunedin	7626
CFPR		Prince Rupert	Gene Allen	Vallejo	1184
CJCS	ON	Stratford	Frank Wheeler	Erie	846
CJRW	PI	Summerside	Frank Wheeler	Erie	846
CJNB	SK	North Battleford	Gene Allen	Vallejo	1218
XEBU	CH	Chihuahua	Gene Allen	Vallejo	1139
XEBN		Delicias	Gene Allen	Vallejo	1187
XEFV		Ciudad Juarez	Gene Allen	Vallejo	995
JOER	JA	Hiroshima	Gene Allen	Vallejo	5923

1240 kHz

Jan 1, 1960 to Present

Date of Last Update: Dec 16, 1989

WEBJ	AL	Brewton	Bruce Conti	West Warwick, RI	1138
WPRN		Butler	Charles Reh	Leamington, ON	752
WULA		Eufaula	Robert Kramer	Chicago, IL	703
WOWL		Florence	Jerry Robertson	Stonewall, MI	650
WJBC		Gadsden	Karl Jeter	Stone Mountain, GA	103
WJRF		Jasper	Carl Dabelstein	Lincoln, NE	712
KVRD	AZ	Cottonwood	Gene Allen	Vallejo, CA	691
KSHL		Globe	Gene Allen	Vallejo, CA	691
KVRC	AR	Arkadelphia	Jim Hilliker	Anaheim, CA	411
KTLO		Mountain Home	Charles Reh	Leamington	781
KWAK		Stuttgart	John Malicky	Pittsburgh, PA	732
			Charles Reh	Leamington	711

We are in need of the following station's addresses. Look thru your latest veries, phone book or listen to the station for their address. Then once you've done that send that info to the NRC Headquarters. Thanks.

SS Freq	Calls	Location	ST	SS Freq	Calls	Location	ST
107.5	WJOD	Galena	IL	107.3	KAHJ	Lake Arthur	LA
102.5	WZUU	Galva	IL	90.3	KEDM	Monroe	LA
100.5	WRVY-FM	Henry	IL	105.9	KVOL-FM	Opelousas	LA
96.5	WAEM-FM	Marseilles	IL	101.3	KZRO	South Fort P	LA
105.9	WMMC	Marshall	IL	104.7	KNEK-FM	Washington	LA
101.3	WMCI	Mattoon	IL	99.1	WPRG	Bar Harbor	ME
95.1	WZZT	Morrison	IL	107.7	WTBU	Bar Harbor	ME
100.5	WRMA	Mount Morris	IL	102.1	WGUU	Dexter	ME
95.1	WLFW	Oregon	IL	96.5	WUBU	Portage	ME
88.5	WBNH	Pekin	IL	107.9	WHGD	Skowhegan	ME
88.5	WECU	Peoria	IL	98.1	WBKQ	Van Buren	ME
103.9	WZLZ	Quincy	IL	103.1	WAFY	Middletown	MD
95.3	WJLY	Ramsey	IL	98.9	WKJH	Mountain Lake	MD
95.7	WBGR	Attica	IN	92.7	WFPN	Westernport	MD
101.1	WBHQ	Bloomfield	IN	104.3	WJMY	Baraga	MI
104.3	WHDX	Charlestown	IN	89.1	WBYF	Bay City	MI
93.9	WFNL	Clinton	IN	90.1	WUCX-FM	Bay City	MI
93.1	WFNI	Kentland	IN	100.1	WRGT	Bear Lake	MI
89.3	WUVX	Knox	IN	100.5	WKFK	Carrollton	MI
102.5	WOTS	Mitchell	IN	101.5	WSMZ	Coleman	MI
107.7	WMRS	Monticello	IN	100.9	WIZY	East Jordan	MI
107.9	WJFX	New Haven	IN	105.5	WWTM	Gladstone	MI
89.3	WVXR	Richmond	IN	95.9	WTHM	Glen Arbor	MI
105.1	WHOR	Roanoke	IN	98.1	WMLB	Glen Arbor	MI
103.7	WHZR	Royal Center	IN	98.7	WTHV	Hancock	MI
101.1	WGBX	South White	IN	103.9	WLTO	Harbor Spring	MI
107.9	WAMW-FM	Washington	IN	102.3	WAAH	Houghton	MI
102.3	KCZQ	Cresco	IA	97.7	WLEI	Hudson	MI
106.7	KICL	Grinnell	IA	106.3	WRIZ-FM	Lakeview	MI
98.9	KLSN	Jefferson	IA	94.3	WLEL	Leland	MI
90.9	KCBC	Keokuk	IA	94.3	WSSW	Mackinaw	MI
94.7	KMCH	Manchester	IA	103.9	WFMA	Mio	MI
102.7	KPLW	Northwood	IA	107.9	WMHG-FM	Muskegon	MI
105.1	KSRG	Sac City	IA	103.1	WVKG	Penwater	MI
101.1	KEDJ	Caney	KS	96.5	WUBU	Portage	MI
93.5	KNPA	Eureka	KS	107.7	WRKR	Portage	MI
101.1	KYFG	Girard	KS	91.9	WGRF	Rockford	MI
102.5	KKCI	Goodland	KS	101.1	WGRY-FM	Roscommon	MI
99.3	KAPH	Kingman	KS	98.3	WCMZ-FM	Salt Ste. Ma	MI
95.9	KQNS-FM	Lindsborg	KS	103.9	WNMI	Sebewaing	MI
95.9	KREJ	Medicine Lode	KS	104.3	WCZY-FM	Shepherd	MI
104.9	KCVS	Salina	KS	96.9	WSTD	Standish	MI
102.7	WVPV	Beaver Dam	KY	98.9	WOME	Vassar	MI
90.5	WVHM	Benton	KY	96.1	KQPR	Albert Lea	MN
101.5	WRZI	Buffalo	KY	107.9	KQQL	Anoka	MN
93.9	WJDJ	Burnside	KY	91.3	KNOW-FM	Appleton	MN
106.7	WHHT	Cave City	KY	94.1	KYRS	Atwater	MN
99.1	WSRG	Edmonton	KY	89.9	KNSR	Collegeville	MN
104.7	WJMD	Hazard	KY	101.7	KTCF	Crosby	MN
89.5	WKPB	Henderson	KY	100.5	WBFX	Grand Marais	MN
92.3	WZQQ	Hyden	KY	104.1	KSDM	International	MN
105.7	WTBK	Manchester	KY	102.7	KQEG	La Crescent	MN
107.9	WMA6	McKee	KY	95.3	KBEK	Mora	MN
97.3	WRLV-FM	Salyersville	KY	94.1	KKSR	Sartell	MN
101.3	WCKP	Shelbyville	KY	107.3	KSEB	Sleepy Eye	MN
102.3	WLLK	Somerset	KY	94.7	KNSP-FM	Staples	MN
102.7	WMGQ	Springfield	KY	99.3	KKAQ	Thief River	MN
90.7	KLSA	Alexandria	LA	102.7	KVVL	Thief River	MN
102.1	KBAZ	Basile	LA	104.3	WRSR	Two Harbors	MN
105.9	KVPD	Berwick	LA	90.9	WJRR	Virginia-Hibbing	MN
96.3	KIEZ	Brusly	LA	103.7	KXSS-FM	Waite Park	MN
101.1	KMEB	Jonesville	LA	93.5	KLEB	Worthington	MN
95.5	KRRO	Lafayette	LA	107.9	WFOA	Ackerman	MS

SS Freq	Calls	Location	ST	SS Freq	Calls	Location	ST
94.5	WLFQ	Bruce	MS	95.7	KPCL	Farlington	NM
101.7	WEDZ	Canton	MS	102.1	KTRA	Farlington	NM
96.5	WKDJ	Clarksdale	MS	99.1	KGLX	Gallup	NM
101.9	WFTA	Fulton	MS	106.1	KKJI	Gallup	NM
101.9	WGRM-FM	Greenwood	MS	101.1	KWQQ	Hatch	NM
104.3	WGNL	Greenwood	MS	107.1	KPEQ	Jal	NM
94.9	WHLE	Holly Spring	MS	91.5	KRUJ	Las Cruces	NM
96.9	WZXR	Indianola	MS	99.5	KVLC	Las Cruces	NM
91.7	WVSD	Itta Bena	MS	98.1	KBAC	Las Vegas	NM
98.1	WMXI	Laurel	MS	105.1	KMMW	Maljamar	NM
102.5	WDLG	Lexington	MS	99.5	KWFL	Roswell	NM
91.7	WPRL	Lorman	MS	100.5	KSFX	Roswell	NM
100.5	WMXG	Macon	MS	106.5	KSFX	Roswell	NM
95.5	WOXD	Oxford	MS	90.7	KSFR	Santa Fe	NM
92.1	WUMS	University	MS	95.9	KHWY	Santa Rosa	NM
92.9	WYCH	Utica	MS	99.9	KNCC	Thoreau	NM
101.1	WBBV	Vicksburg	MS	101.1	KKCBZ	White Rock	NM
93.7	WAZF-FM	Yazoo City	MS	97.3	WMYY	Scholarie	NY
92.3	KKDZ-FM	Ava	MD	96.9	WEXT	Arlington	NY
104.3	KDDB	Honne Terre	MD	97.7	WGMN	Big Flats	NY
92.3	KDEF	Cameron	MD	93.3	WCAN	Canajoharie	NY
96.1	KLRO	Cliton	MD	102.7	WKGG	Cape Vincent	NY
101.9	KKNO	Eldon	MD	93.9	WACZ	Dansville	NY
99.7	KMAC	Gainesville	MD	94.7	WIYN	Deposit	NY
107.9	KVGV	Kirksville	MD	90.1	WNER	Dryden	NY
99.9	KHBT	Lamar	MD	90.3	WCIH	Elmira	NY
99.9	KZDX	Macon	MD	101.1	WLKD	Fort Plain	NY
96.9	KXJZ	Mountain View	MD	96.5	WCQA	Fredonia	NY
106.7	KTJA	Mt. Vernon	MD	89.1	WCID	Friendship	NY
97.7	KNMD FM	Nevada	MD	107.3	WRWD	Highland	NY
95.3	KIZE	Owensville	MD	106.7	WOSB	Irondequoit	NY
90.5	KLUH	Poplar Bluff	MD	90.5	WJFF	Jeffersonville	NY
92.5	KAYX	Richmond	MD	90.9	WAMK	Kingston	NY
100.3	KWMD	Southwest City	MO	96.7	WZOS	Oswego	NY
96.5	KLTO	Sparta	MO	92.1	WRNQ	Foughkeepsie	NY
95.1	KLGS	Versailles	MO	94.5	WRAY	Ravena	NY
89.9	KGNV	Washington	MO	90.5	WBER	Rochester	NY
94.1	KRFX	Billings	MT	100.1	WDRT	Salamanca	NY
104.1	KHKR-FM	East Helena	MT	90.5	WSSL	Saranac Lake	NY
100.3	KDDZ	Great Falls	MT	101.7	WDGE	Saranac Lake	NY
97.9	KTTG	Shelby	MT	88.9	WFRS	Smithtown	NY
101.3	KPLL	Bridgeport	NE	88.5	WCII	Spencer	NY
107.1	KIKD-FM	South Sioux	NE	103.3	WMXW	Vestal	NY
105.7	KSUX	Winnebago	NE	98.5	WNYR	Waterloo	NY
104.1	KCDY	Carlsbad	NV	91.7	WRVE	Watertown	NY
91.3	KNIB	Carson City	NV	94.1	WNYV	Whitehall	NY
103.5	KLIN	Las Vegas	NV	97.3	WJAD	Wurtsboro	NY
105.1	KLTN	Las Vegas	NV	100.7	WZJS	Banner Elk	NC
91.7	KLNR	Panaca	NV	97.9	WJCS	Bayboro	NC
101.7	KSXY	Reno	NV	105.7	WSAD	Elizabethtown	NC
105.7	KDZZ	Reno	NV	97.9	WLGQ	Gaston	NC
91.7	KTPH	Tonopah	NV	PD 99.3	WVVY	Grifton	NC
93.3	WCNH	Belmont	NH	TO 99.5	WVVY	Grifton	NC
105.7	WVFM	Campton	NH	97.5	WYND-FM	Hatteras	NC
104.5	WNLY	Conway	NH	104.9	WKJE	Hertford	NC
99.1	WNNH	Henniker	NH	102.1	WHLQ	Louisburg	NC
104.9	WTRY	Hinsdale	NH	98.1	WZZI	Manteo	NC
88.3	WJCF	Nashua	NH	104.3	WCNG	Murphy	NC
89.7	WDVR	Delaware Township	NJ	93.5	WRPL	Wadesboro	NC
98.7	WVIL	Villas	NJ	107.3	WVRS	Warrenton	NC
88.7	WPSC-FM	Wayne	NJ	107.9	KBMM	Fargo	ND
90.9	KSJE	Farlington	NM	107.1	KGBB	Wahpeton	ND
90.9	KSJE	Farlington	NM	89.5	KPPR	Williston	ND

Need more information about MW DX?

Mail \$1.00 to the NRC Pub Center;
ask for the Reprints Catalog

Yearly Subscription (30 Issues) to DX News: U. S. Address: New Subscriber - US\$24.00. Renewals - US\$22.00. Canadian Address: New Subscriber - US\$25.00. Renewals: US\$23.00. Mexican and Caribbean Addresses: New Subscriber - US\$29.00. Renewals - US\$27.00 All Other Countries: New Subscriber - US\$36.00. Renewals - US\$34.00 Checks or money orders should be made out to:

National Radio Club