

DX News

* Serving DX'ers since 1933 *

Volume 64, No. 19 - February 24, 1997 (ISSN 0737-1659)



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CPC Test Calendar

KALM	MO	1290	Feb. 24	0100-0130
WCGW	KY	770	Mar. 2	0515-0545
KFGO	ND	790	Mar. 3	0100-0130
WEST	PA	1400	Mar. 10	0000-0030
KSLQ	MO	1350	Mar. 17	0100-0130
KKFJ	CA	570	Mar. 23	0300-0400
WEGP	ME	1390	Mar. 29	0300-0330

WCGW-770 - (Nicholasville, KY) - 3950 Lexington Rd. - Versailles, KY 40383-1742 will conduct a DX test on Sunday morning, March 2, from 5:15-5:45 am EST, running distinctive tones, polkas, and other music, and Morse code ID's, at 1,000 watts non-directional. Reception reports may be sent to Mr. Tom Mulvaney; pre-paid phone calls will also be accepted at 606-245-1770 during the test. Arranged by Tom Mulvaney for the NRC and IRCA.

KFGO-790 - 1020 25th Street - South Fargo, ND 58103 will conduct a DX test at 5,000 watts nondirectional between 1:00 and 1:30 am EST Monday. The test will include Morse code IDs. Reception reports may be sent to Mr. Marty Berlinger, Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

WEST-1400 - 436 Northampton Street - Easton, PA 18042-3516 <<POPEKRATZ@enter.net>> will conduct a DX test from 12:00 to 12:30 am EST Monday, March 10, using its 1,000 watts nondirectional pattern. The test will include tones, Morse code IDs, and a variety of music, including big band. Reception reports may be sent to Mr. Robert Kratz, Sr. (KU3K) Engineer. Arranged by J. D. Stephens for the IRCA CPC.

From the publisher ... No AM Switch for a couple more issues, while Jerry Starr is at Daytona, and we presume that DDXD-West is still in transit with editor Bill Hale (and not lost in the mails or in cyberspace somewhere!).

Wayne Heinen passed along the word that low-frequency author and experimenter Ken Cornell, W2IMB, of Point Pleasant Beach, New Jersey, has died. He was 79. Cornell was, perhaps, best known for The Low and Medium Frequency Radio Scrap Book series (the 10th edition was published recently). He also authored many articles over the years and was a frequent contributor to *Lowdown*, the newsletter of the Longwave Club of America.

I won't promise you that the article on p. 14 is the

last you'll hear from me on NRC's problems with mailing DXN, but I will let you know that I haven't reduced the amount of space devoted to DX topics in order to cram in discussion of postal problems. The truth is that submissions to the columns have dropped off somewhat dramatically, and I'm wondering if conditions have been so poor that you've simply given up for awhile? If things don't pick up dramatically, you'll be seeing shorter DXN's or more newspaper clippings in the near future!

Hearty congratulations to member Relfe Luton, of Elizabeth City, NC, who reports completing his first 50 years of membership in the NRC as of this January.

Gordon L. Anderson reports that on page 76 of the February 1997 issue of *QST*, in the Technical Correspondence column, is an article entitled "Stratwarms and Their Effect of HF Propagation." Gordon says that although the article covers SW frequencies, it may lend some explanation to the poor reception on MW he's noted in many January reports and articles.

Finally, Ed Best sends information on an aircheck group, The Indiana Recording Club, which has members around the world. It costs \$15.00 a year to join; members receive membership directory and every other month a newsletter. People in this group are glad to aircheck. For an application or info write: Bill Davies, 1729 E. 77th St. - Indianapolis, IN 46240.

DXchange ... Rick Dau - 1901 Union St., Apt. 220 - Lafayette, IN 47904-2685, 765-449-2734, would like to trade a Kenwood R-1000 and a Radio West loop antenna for a Sony ICF-2010 and a Palomar loop, or possibly sell his rx and loop and buy the Sony and Palomar together or separately.

DX Time Machine

From the pages of *DX News*:

50 years ago ... from the February 15, 1947 DXN: The FCC issued 52 sets of call letters in a one-week period, following the assignment of 13 new calls in the preceding week. Most of these new stations were expected to conduct early-morning tests.

25 years ago ... from the February 19, 1972 DXN: Gordon Nelson discussed the midwinter anomaly in Finland.

10 years ago ... from the February 24, 1987 DXN: Andy Rugg, Nuns Island, Quebec, noted that propagation conditions were the best that he'd encountered since the winter of 1964-'65, with audio from some 20 TA's showing up on 12-29.

Domestic DX Digest

West: Bill Hale

301 Boulder Bluff - San Marcos, TX 78666-8350

East: David Yocis DavidYocis@aol.com

David Yocis - 97 Clinton Ave. - South Nyack, NY 10960

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



DDXD-East

Deadlines are Tuesday.

Paul Thomas reports that he has been tinkering with his equipment these days. "I've been doing a bit of DXing with my 'Nostalgia Radio'. It's a 1958 model GE clock radio with TRF. I took out the clock and installed an S-meter, and built an amplified ferrite loop for it. It's really amazing what it will do. I also built a 2-foot NRC amplified loop, and converted an MFJ-956 preselector into an active antenna, using the preamp from 73 magazine and a 3-foot telescoping rod. It is really amazing. Signal strengths equal my loop and LW on BCB, and beat the LW by a couple of S-units on SW."

Some nice loggings this time, and some news on the Virginia 1620 TIS stations that lots of people have been hearing.

STATION NEWS

- 540 WDMVMD Pocomoke City** - 2/9 1030 - Now apparently NOS, ID as "Delmarva's Memory 540" and "WDMV Memory 540." (PT-NJ)
- 600 WICC CT Bridgeport** - 2/3 - Adds "Tom Leykis Show" per program today, replacing "Gil Gross Show." "It's a station my mother on Long Island can hear," says Uncle Tom. (DP-HI)
- 930 WFMD MD Frederick** - 2/2 - Adds "Dreamland with Art Bell" today per program. (DP-HI)
- 1030 WNTL MD Indian Head** - 2/9 1125 - Formerly silent station back on the air, duplicating WINX-1600 and WINX-FM-94.3 Warrenton VA, with OLD format. (GC-MD)
- 1060 WJLT MA Natick** - 2/6 0945 - Beat the deadline, signing on at this time with ID "J-Light 1060" and "Jesus is the Light," religious format. (SM-MA)
- 1170 WWLE NY Cornwall-on-Hudson** - 2/8 1704 - USA news, "The station with the world's greatest music, WWLE," NOS music. Ex-WRWD. (DY-NY)
- 1220 WQUN CT Hamden** - 2/8 1648 - NOS music, ID "This is AM 12-20 WQUN, a service of Quinnipiac College," then into Wink Martindale's satellite "Music of Your Life." Ex-WXCT. (DY-NY)
- 1250 WKNX MI Frankenmuth** - 2/3 - First day as "Memories 1250" after moving from 1210. On 0600-LSS with 250 watts. Full power will be 500 watts PSA and 1000 watts LSR-LSS, per phone call to GM John Blehm. (TS-MI)
- 1270 WXYT MI Detroit** - 2/3 - Beginning today, carries "Tom Leykis Show" live 1906-2200 instead of 2106-2400, between Marc Scott and The Mega Man. (DP-HI)
- 1380 WAMS DE Wilmington** - 2/7 1832 - With news // WILM-1450 and IDs as "WILM Newsradio 1450." At 1830 WILM did ID as "1450 WILM and WAMS." Must be running low power if they're using WILM's tower. They're much weaker during the day, and not audible at night, whereas WILM is S9+40. (PT-NJ)
- WDMF TN Knoxville** - Back on the air after a year's silence, still B:GOS. Studios were in a church that was one of last year's arson targets. (SF-TN)

DX TESTS

- 640 WHLO OH Akron** - 2/10 0100-0130 - Heard with good signal, but faded down on wire antenna; better with Kiwa loop. ID 0118: "This is a special listener's test conducted by WHLO in Akron, Ohio ..." Also code ID, tones. (PC-VA) Heard well, alternating high and low tones, code IDs, several voice IDs, and an odd assortment of music. Solid signal but a lot of QRM from WGST. No surprise; I hear this one all day anyway. (JL-OH) Heard, starting apparently at 0102, message "... for the next half hour ... International Radio Club ..." followed by series of test tones, code ID. Early on was dominant over WGOC, another (possibly WCRV), but faded by 0105. (MS-NC)



- 1570 WYTI VA Rocky Mount** - 2/1 0000-0030 - Heard fair to good with voice IDs, bluegrass, and plenty of code IDs at both high and low pitches. (SF-TN) Heard quite well, all the code plus several mentions of the IRCA. Some of the bluegrass music could be heard through all the QRM. (RCP-IN) Heard with code 0010, weak voice ID 0014, bluegrass music, more code and voice IDs. New. (WW-MA) [Guess this one finally aired. - DY]
- 1600 KATZ MO St. Louis** - 2/3 0200-0230 - Heard with code IDs, recorded voice IDs, and Big Band music. Not all that strong for 5 kW ND. (SF-TN) Heard well in the beginning, seemed to fall apart about 0218. Code, several mentions of KATZ conducting test for IRCA. Never heard march or polka music, just bluegrass and a Glenn Miller song. KATZ usually comes in here better than they did on the test. (RCP-IN)



UNID and UNID HELP

- 1160 UNID** - 2/2 1741 - Black gospel music, very spirited singing. I've been hearing this one quite often under WJJD, WKYN. Fair to poor. (RCP-IN) [WWON or WYRU? - DY]

LOGGINGS: 0000-0800

- 1570 WBGZ IL Alton** - 2/1 0035 - Reporting local news for Alton area, popped up during WYTI DX test. Poor. (RCP-IN)

LOGGINGS: 0800-1600

- 1210 WPHT PA Philadelphia** - 2/4 1457 - With very weak audio all afternoon, KYW promo during one of the occasional readable upfades. Heard once before under WKNX in the day. The old-timers around here used to talk about listening to WCAU in Michigan afternoons before WKNX signed on in 1947 on 1210. Maybe those days are back. (TS-MI)

LOGGINGS: 1600-2400

- 550 WJMW PA Bloomsburg** - 2/1 1917-1930 - NOS music, "Little White Cloud That Cried" by Johnny Ray, "Graduation Day" by 4 Lads. ID 1930 "AM 55 WJMW, the Music of Your Life." Poor in mix, covered by WGR after ID. (PT-NJ)
- 560 WHBQ TN Memphis** - 2/6 1921 - Fair, local sports call-in show, ID as "WHBQ 560, your sports authority." (JL-OH)
- 580 WOFE TN Rockwood** - 2/1 2215 - Good for about ten minutes, with "The Carl Anderson Show" in progress. (JL-OH)
- 600 WMT IA Cedar Rapids** - 2/6 1824-1830 - Poor-fair, upsurged through CKAT with PSA for baseball clinic, sports talk program, ad, Iowa weather, clear ID 1830 as "... 600 WMT, the news station." (AR-ON)
- WKLW KY Paintsville** - 2/7 1850 - Very good, ID as "KY 94.7, music 24 hours a day." (JL-OH)
- KTBB TX Tyler** - 2/4 1900 - Fair in null of WSJS, WREC with singing ID, "News Center 600" mention, and NBC news. #15 on 600, and finally a K-call! (SF-TN)
- 630 WIRC NC Hickory** - 2/1 2315 - Very strong with local weather, C&W music. (JL-OH)
- 690 WOKV FL Jacksonville** - 2/3 2335-2405 - Jim Bohannon show, talking about O.J. verdict, legal ID and SID at midnight. Solid and like a local. (PT-NJ)
- + 2/5 2105 - Very good with ID as "NewsTalk 690 WOKV," Gil Gross show. Very surprised to hear this one, as pattern sends no signal this way. (MB-IN) [Sounds like the DA got out of whack this week. - DY]
- 740 KRMG OK Tulsa** - 2/6 2350 - Talk show, "NewsRadio 740," ID, weak under classical music station. (WM-MD)
- 760 WVNE MA Leicester** - 2/2 1710 - String of ads and "Part of the proceeds help to support WVNE," sign-off 1715 with no SSB. Weak in mix. (PT-NJ)
- WCHP NY Champlain** - 2/2 1713 - Call ID only under WVNE. (PT-NJ)
- 780 WWOL NC Forest City** - 1/24 1722 - Funeral announcements, C&W music, ID, Arby's ad. Finally, after years of trying. (JR-NY)
- 800 WKZI IL Casey** - 1/28 1800 - USA Radio News atop the hour, ID, into religious program. Very good and alone. (RCP-IN)
- 820 WXTR MD Frederick** - 2/2 1810 - C&W music, with ID as "Great Country 82-Q." In and out with others. (PT-NJ)

- 830 KOTC MO Kennett - 1/24 1738 - C&W, ads, Missouri Health Center, "Cotton Country" slogan. Not heard since last call change. (JR-NY)
+ 2/2 1820 - C&W music, spots, ID as "Cotton Country 830," in jumble and occasionally drifting to top. (PT-NJ)
- 860 WDMG GA Douglas - 2/2 1831 - Promo for program "from 2 to 5 a.m. on WDMG. 860 WDMG has ... County, Georgia on its mind," into song "Old Time Rock 'n Roll." In slop, CJBC nulled. (PT-NJ)
- 920 KARN AR Little Rock - 1/29 1806 - KARN traffic 'copter reporting Little Rock highway updates, almost locallike. (RCP-IN)
- 940 WMWR GA Macon - 2/10 1720 - Various ads, mention of mid-Georgia, promo for Paul Harvey, "NewsTalk 940." (WM-MD)
- 980 CKRU ON Peterborough - 2/8 1654 - End of Peterborough hockey game, many local ads, in bad QRN. (DY-NY)
- 1030 WFTK NC Wake Forest - 2/9 1745-1801 - After WNTL sign-off at 1746, this one heard with GOS, ID 1759, and Gospel Amen and station sign-off at 1800. Good with WBZ nulled. (GC-MD)
- 1050 WDZ IL Decatur - 1/29 1821 - "Community Calendar" portion of local newscast with all the current happenings for the Decatur area. Very poor; 1050 sounds like a graveyard here. (RCP-IN)
- 1070 WFLI TN Lookout Mountain - 2/10 1800 - Country gospel music, ID. (WM-MD) [I remember this one's frequency check that got out real well every month in the late 70's; I've often tried it at sunset but not heard yet. - DY]
- WTSO WI Madison - 2/2 2215 - "Lollipops and Roses," NOS music, WTSO ID and "Original Hits Station." Announcer said he was "Your weekend host." May still be TLK weekdays. Good signal but didn't stay long. (PT-NJ)
- 1080 WKGX NC Lenoir - 2/1 1802 - C&W song by John Michael Montgomery, seemed to cut powe 1805. Usual pests WTIC, KRLD not heard. (RCP-IN)
- 1110 WBCA AL Bay Minette - 1/31 1811 - Several C&W songs back to back to 1815 sign-off. Very good, no SSB. (RCP-IN)
- 1120 WBNM GA Gordon - 2/2 1732 - "You're listening to CNN news on WBNM 1120," fair to good with KMOX not heard. (RCP-IN)
- 1160 WKYN KY Florence - 2/7 1730-1740 - Discussion of Cincinnati Reds baseball, traffic report, mention of I-75, good. (WM-MD)
- 1170 WCLN NC Clinton - 1/31 1930-2005 - Gospie music with, over, and under WWVA, "Solid Gospel at 1170 AM, WCLN Clinton, North Carolina." Good signal at times, still playing GOS at 2005. This is a daytimer? (PT-NJ)
- 1290 WCHY GA Savannah - 1/31 1749 - Several C&W songs back to back, call ID, fair to poor. (RCP-IN)
- 1370 WELV NY Ellenville - 1/26 1733 - Tuned in mid-spot with reference to New York State. Expected WXXI but heard ID as "WELV." (PT-NJ) [WXXI is non-commercial NPR. - DY]
- 1380 WAOK GA Atlanta - 2/8 2334 - Listening for WAMS (not heard), but did hear SS station and then "WAOK 1380" popped out of nowhere and disappeared. Did hear GOS music in the mix. (PT-NJ)
- 1390 WLCM MI Charlotte - 1/10 1611 - Unusually strong over WDCW with local ads and ID, then Radio Bible School at 1615. (JR-NY)
- 1410 WHLN KY Harlan - 1/8 1714 - Tentative with Harlan ads, no ID. (JR-NY)
- 1570 WFLR NY Dundee - 2/7 1737 - Good mixing with many others, ID "Country 1570 WFLR" into Tanya Tucker song "My Arms Stay Open All Night," good until 1746. Seemed in a mix with another C&W station (IDed as WBUG at 1800) and a gospel station. (WW-MA)
- 1600 CHNR ON Simcoe - 2/2 2222 - Poor with weather, CHNR ID, into Paul Anka's "Having My Baby." Not heard in a long time. (WW-MA)

TIS AND MISCELLANEOUS

- 1610 TIS MA Falmouth - 1/5 0300 - Tape loop with ferry schedule from Falmouth to Martha's Vineyard. QRM from NYS Thruway station. (JR-NY)
- UNID - - 2/6 1850-1915+ - Extremely distorted audio, fading in and out through WMHG-1600 slop. Playing AC and dance music, with what sounded like "KJ-97.5" slogans between songs. A pirate or some FM transmitter gone wacko? Sounded almost SSB at times; not // my local 97.5 FM (WEFG). Noted on other evenings, but tonight was the first time I could make anything

- out; usually it's too distorted to be intelligible. Heard only after my LSS. (PLB-MI)
- 1613 UNID - - 2/7 0225-0234 - Distorted music, no ID; not a spur of locals WINC or WNTW. Not SSB or FM, but very splashy modulation. (PC-VA) [Sounds like the same thing PLB is hearing; maybe a spur from somebody with an FM // ? Nothing obvious on 97.5 in FM Atlas. - DY]
- 1620 WPMTJ404 VA Staunton Area - These are the official calls per letter from Virginia Department of Transportation. There are four stations with the same call, located in Weyers Cave, Staunton, Churchville, and Greenville, co-owned with the local Chamber of Commerce. VDOT leases the stations and uses them only when road conditions are bad. Messages are changed weekly to accommodate current and upcoming events. Address for QSL tries: Mrs. Maureen Kelley, Executive Director, Waynesboro-East Augusta Chamber of Commerce, 301 West Main St., Waynesboro VA 22980-0339. Hers is the female voice heard on the station. (GM-VA) [Thanks for the lowdown on this widely heard TIS! - DY]

REPORTERS

PLB-MI	Phil Boersma	Spring Lake MI - Realistic 14-785
MB-IN	Mark Burns	Terre Haute IN - Drake R8, Kiwa loop, 80' LW
GC-MD	Gerry Conkling	Greenbelt MD - Grundig YB-400, Panasonic RF-1115
PC-VA	Perry Crabill	Winchester VA - R8, 120' wire on ground, Kiwa loop
SF-TN	Steve Francis	Alcoa TN - Realistic TRF
JL-OH	Jim Leder	Cincinnati OH -
WM-MD	William McGuire	Cheverly MD - DX380
SM-MA	Stan Morss	Boxford MA - Local news
GM-VA	Greg Myers	Richmond VA - Local news
DP-HI	Dale Park	Honolulu HI - Station news
RCP-IN	Bob Pote	Greenwood IN - Drake R8A, Quantum loop
JR-NY	Jim Renfrew	Rochester NY -
AR-ON	Andy Rugg	Cornwall ON -
TS-MI	Tom Sanders	Davison MI - Sony 2010, Pioneer car radio
MS-NC	Matthew Sittel	Ashville NC - GE Superadio III
PT-NJ	Paul Thomas	Salem NJ - R8A, 2' NRC loop, 160' LW, homebrews
WW-MA	William Wyllie	Franklin MA - DX-390, wire antenna around room
DY-NY	David Yocis	South Nyack NY - Icom R71A, Kiwa loop

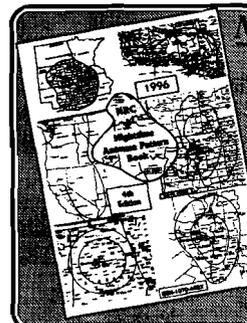


IRCA Mexican Log, 4th Edition

The IRCA MEXICAN LOG log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1990 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated and carefully cross-checked by IRCA members in Mexico and the U. S. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three hole punched for easy binding (optional).

Prices: IRCA/NRC members - \$6.50 (US/Canada/Mexico/seamail), \$7.50 (rest of the Americas airmail), \$8.00 (Europe/Asia airmail), \$8.50 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices.

Order TODAY from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117-2334



NRC Nighttime Antenna Pattern Book, 4th Edition

Get it now; it's the second half of the NRC's "Dynamic Duo" teamed with the NRC AM Log; the NPB provides DXers with up-to-date maps of all (except Class IV) stations with nighttime operations. Convenient to use: 3-hole punched for standard binders. Only \$16.95 to U. S. and Canadian members; \$24.95 to U. S. and Canadian non-NRC members. Airmail to members; to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00.

Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)

International Jim Renfrew JimRenfrew@delphi.com 61 Wilcox Street Rochester, NY 14607-3832

DX Digest

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

An unusual column this week, with few reports (?!), but lots of stuff for what I'm going to start calling "DX FILES". The truth is out there; I want to believe you!

PAN-AMERICAN DX

- 750 ALASKA KFQD Anchorage, FEB 6 1047 - Pager ad; AP Network News format, TC "It's 7 minutes before the hour. News when you want it..."; ad for Thursday Night at the Fights at Eaton Center, Dave Wilkinson with "KFQD News Minute;" AP business update, ad for Mongolian BBQ; at 1059 ID "Newsradio 7-50, KFQD," into AP news. Poor, fighting with KXL; KGU-760 and KQM-Q-690 off tonight for some reason. AK #2 from my QTH, though previously heard elsewhere on O'ahu. [Park-HI]

TRANS-PACIFIC DX

- 792 AUSTRALIA 4RN Brisbane, FEB 1 1129 - British programme about musicians and their causes, with music and comments from Bruce Cockburn, Country Joe MacDonald (no Fish!), Paul McCartney, Jackson Browne, Dave Wakeling, Pete Seeger; at 1159 promo for "Background Briefing" which runs after the Sunday night 9 o'clock news, ID "R. National 7-9-2," into ABC national news; at 1205 ID "R. National 7-9-2," DJ talk, "Sunday Concert" Australia Day special. Poor to good with QRM KABC-790; KKON-790 off since yesterday. [Park-HI]

DX FILES: SOUTH CHINA SEA

By Jack Woods

In January my wife, Rose, and I were on a two-week cruise in SE Asia. The cruise ship, of British registry, left from Singapore and visited six countries which border the South China Sea and the Gulf of Thailand, ending the cruise in Hong Kong, where we stayed three days.

I took some time, usually during the "at sea" days, with my travel radio, on the ship's decks away from the superstructure. There was no noticeable ship-generated radio noise. During the daylight hours a scattering of stations could be heard. After dark the band is full. Most stations were in one of the several Asian languages with little chance of identification by me. English can be heard occasionally. Most if not all of the Asian countries teach English in their schools.

My travel radio is a Sangean AT5-180. I believe it was the first Sangean receiver sold in the U.S. It occupies little space, has the long wave broadcast band, has 9 kHz and 10 kHz spacing on medium wave and microprocessor tuning. Performance is adequate, and battery life is good.

- 585 TAIWAN, Fangliao JAN 20 - Voice of Asia. Taiwan news in EE. Discussion of Taiwan's defense needs.
- 603 MALAYSIA, Kota Kinabulu, Sabah JAN 18 - Martial-sounding music with a male vocalist, Malay language.
- 657 VIET NAM, Quan Tre, JAN 14 - presumed, Very good with instrumental music, "Tales of the Vienna Woods".
- 666 PHILIPPINES, DZRH Navatos JAN 18 - ID in EE, Automobile ad in EE, News in Tagalog.
- 675 BRUNEI, Serasa JAN 17 - Good with ID as Radio Brunei. Man speaking local language, mentioned Ramadan
- 675 HONG KONG, Peng Chau JAN 22 - Classical music, English announcer, a relay of the BBC World Service.
- 702 PHILIPPINES, Valenzuela JAN 20 - Religious program in EE.
- 702 CHINA, Any of several locations this frequency JAN 22 - Piano solo, Gershwin music.
- 711 BRUNEI, S. Hanching JAN 17 - Good with man speaking EE, pop music.
- 774 AUSTRALIA, 3LO Melbourne, presumed JAN 20 - Stock market reports.
- 819 MALAYSIA, Miri, Sarawak JAN 16 - presumed, fair with elementary school EE lesson, the "Radio Teacher", youthful female voice. No ID on the hour.
- 891 THAILAND, Saraburi JAN 11 - presumed, very strong signal with popular choral music.
- 918 PHILIPPINES, DCSR JAN 20 - ID as "Sports Radio". Talk in EE about Lee Trevino. This station is not listed in WRTH.
- 1044 HONG KONG, Peng Chau JAN 22 - Business news in EE; British accent.
- 1215 CHINA, any of several locations JAN 22 - European classical music, Cantonese talk.

1575 THAILAND, Bangkok JAN 14 - Man in Asian language, Voice of America relay, 1000 kw.

DX FILES: PERU LOGS, GUINEA PIGS

By Chuck Hutton (previous IDXD editor!)

I wandered around the highlands of Peru in December and (in addition to dining on the local specialty, guinea pig) caught the following. What I expected to hear is based on the 95 WRTH.

- 540 Lima slogan is Inca Radio.
- 540 Arequipa R. El Tiempo, unlisted.
- 570 Cuzco, Radio Cuzco, unlisted.
- 590 Arequipa Frecuencia Catedral, unlisted.
- 640 Puno not heard during several days in Puno.
- 640 Cuzco Radio Los Andes, unlisted.
- 660 Arequipa not heard.
- 670 Puno not heard
- 680 Cuzco R. Programas, unlisted. (I assume this is an RPP outlet and my note is just shorthand.)
- 700 Lima ID is Radio 700.
- 740 Arequipa not heard.
- 770 Arequipa Radio Mar, unlisted (and nowhere near a sea.)
- 780 Puno La voz de la Esperanza, unlisted.
- 840 Ayacucho not heard.
- 860 Huancayo not heard.
- 870 Cuzco not heard.
- 890 Puno R. Tejipatxi, unlisted, slogan is Quechua and therefore my interpretation could be horrible.
- 920 Cuzco not heard.
- 930 Arequipa here ex 940, or at least as best my Walkman can tell.
- 980 Ayacucho not heard.
- 985 Lima slogan is Radio Jaleri or phonetic equivalent.
- 1000 Cuzco only a carrier here.
- 1030 Arequipa R. Andina, not listed.
- 1050 Huancayo also Celestial.
- 1060 Cuzco not heard.
- 1090 Arequipa not heard.
- 1100 Huancayo not heard.
- 1100 Cuzco not heard.
- 1120 Arequipa R. Municipal, unlisted. (Explanations of municipal projects like new lights. How interesting. A new market for almost bankrupt U.S. daytimers to explore.)
- 1120 Cuzco, didn't get a slogan, unlisted.
- 1140 Huancayo is a member of the RPP chain.
- 1170 Arequipa only heard with RPP, never R. Andina.
- 1170 Puno on and off the air, distorted, ID something like R. Conferación, unlisted.
- 1190 Arequipa Frecuencia 11-90, unlisted.
- 1200 Puno, R. San ??, unlisted.
- 1240 Puno R. Campesino, sked 4AM - 10 PM local, unlisted.
- 1290 Arequipa R. Crebol or phonetic equivalent, unlisted.
- 1270 Cuzco slogan is Radio Solar.
- 1330 Arequipa something heard but didn't catch an ID, unlisted.
- 1360 Lima not heard.
- 1400 Ayacucho not heard.
- 1400 Cuzco slogan is Emisora de la Juventud.
- 1470 Lima slogan is CPN Radio, la radio interactivo de Peru.
- 1500 Puno not heard.
- 1500 Huancayo not heard.
- 1510 Arequipa R. Alegria, unlisted.
- 1520 Lima not heard.
- 1530 Huancayo also ID's as La Radio Joven.
- 1540 Cuzco slogan is R. Los Andes.
- 1550 Puno not heard.
- 1580 Cuzco IDed as RPP only.
- 1590 Lima IDed as La Peruantsima only.
- 1590 Arequipa R. El Mundo, unlisted.

A summary of Peruvian AM : replacement parts are not a big industry in Peru. At least half the



stations were buzzy, distorted, wobbling in frequency, dropping the carrier, etc. On the more pleasant side, you should have heard the band after midnight when up in the Andes. Tweren't nothing but a Brazilian, a Chilean, a few Colombians and a Bolivian or two. You felt like you were as far away from the world as could be.

STATION NEWS

ALBANIA/MACEDONIA: UNID station still on air but moved to 851 kHz from 846 kHz; timecheck (ID?) and news at top of hour; best signal in Italy around 1700 UTC. [William Buchanan in MWN FEB 1997]

COLOMBIA: I wonder if this [Radio Net - see last issue] is affiliated with the Colmundo Net. Colmundo has just begun shortwave on 6065 kHz, which frequency is licensed to the holder of 1040 kHz. If so, there may be a SW // for this net. [Moore-IA]

FRANCE: All medium wave stations carrying Radio France Inter (or Network A, as the WRTH calls it) are now silent as of JAN 1, due to budget cuts voted by the French Parliament. Listeners were told to tune to FM channels for France Inter. What's still unclear is whether the MW frequencies will come up again when major sporting events are on. These are normally carried on AM while the normal programme goes out on FM. If they are not reactivated on those days, people will have to tune to 162 kHz, which is poor in many areas. Antoerh mystery is what will happen to the Lille transmitter on 1071 kHz, which at certain times carried Radio Urgence (the station for the homeless). The worst part of it all is the closure of the Marseille transmitter on 675 kHz (600 kW), as this was the only link many French nationals in North Africa kept with home. The Nancy transmitter on 837 (Radio Bleue, Network B) was also silent JAN 1, but it back with a greatly improved signal. My guess is that the engineers have converted the 1350 transmitter to 837 kHz. [Condensed report from Remy Friess in MWN, FEB 1997]

ITALY: 846/900 kHz, 2300-0500 (Notturmo dall'Italia), for Europe in Italian: midnight radio news bulletin, news and comments, plus music. Night-time news bulletins in the following languages: Italian 2400, 0100, 0200, 0300, 0400; English 2403, 0103, 0203, 0303, 0403; French 2406, 0106, 0206, 0306, 0406; German 2409, 0109, 0209, 0309, 0409; 567 kHz, 1430-1445 Mediterranean Area in Arabic; 1440 kHz, 2000-2030 for Europe in Italian. Address: Radio Roma, P.O.Box 320, Centro Corrispondenza, I-00100 Roma, Italia; [RAI via JKB in WWDXClub e-mail]

RUSSIA: Voice of Russia W96 MW schedule via transmitters in Russia. E-European part of Russia S-Siberia FE-Far East Russia:

<u>kHz</u> <u>kW</u> <u>callsign</u> <u>tx location</u>	<u>UTC</u>
585 1200 RV-769 Belogorsk, S	1100-1500
630 500 RV-750 Komsomolsk-Amur, FE	1100-1400
648 1000 RV-445 Ussuriysk, FE	1000-1600 (Vladivostok)
720 1000 RV-679 Yuzhno-Sakhalinsk, FE	1100-1400
801 1200 RV-116 Atamanovka, S	1100-1600
1080 1000 RV-489 Angarsk, S	1230-1600
1089 1200 RV-681 Tbilisskaya, E	1600-2100 (Krasnodar)
1143 150 RV-373 Bolshakovo, E	1700-2000 (Kaliningrad)
1170 1200 RV-680 Tbilisskaya, E	1500-2100 (Krasnodar)
1215 1200 RV-372 Bolshakovo, E	1600-2000 (Kaliningrad)
1251 600 RV-70 Ussuriysk, FE	1000-1600 (Vladivostok)
1386 1200 RV-367 Bolshakovo, E	1700-2000 (Kaliningrad)
1494 1200 RV-857 Popovka, E	1800-1900 (St.Petersburg)

Voice of Russia W96 MW schedule via transmitters in CIS states

<u>kHz</u> <u>kW</u> <u>callsign</u> <u>tx location</u>	<u>UTC</u>
999 1000 RV-954 Maiac, Moldova	1600-2100
1125 1000 RV-932 Asgabat, Turkmenistan	1400-1700
1314 1000 RV-602 Kamo, Armenia	1500-2100 (Yerevan)
1548 1000 RV-950* Maiac, Moldova	1600-2100 * inactive

Voice of Russia W96 MW schedule via transmitters outside CIS states

<u>kHz</u> <u>kW</u> <u>tx location</u>	<u>UTC</u>
603 China	1200-1300
693 20 Berlin Uhlenhorst,GER	0600-2200
1269 China	1300-1500

1323 1000/ Wachenbrunn, Germany
UTC.

0600-2200 150 at night fr 1700

[Nikolay Rudnev via Wolfgang W. Bueschel in WWDXClub e-mail]

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@Jack Woods, Waldport OR; [jwoods@orednet.org]

DANISH DXPELITION

Blokhus DXP (Northern Jutlandia - DENMARK) A continuación, resumen de la DXP Danesa de Martin Elbe:

"Yesterday I came home from our DX-pedition to Blokhus, Northern Jutland in Denmark. We, that were:

Karel Honzik, Czech Republic, from 27/12 to 13/1, using an AOR AR7030.
Finn Krone, Denmark, from 31/12 to 12/1, using a JRC NRD 535
Joachim Stiller, Germany, from 27/12 to 6/1, using an AOR AR7030
and me, 27/12 to 13/1, using an AOR AR7030 too.

Blokhus is a famous Danish seaside-resort, located about 40 km northwest of Aalborg. The cottage we used was situated directly in the first row behind the dunes. From the dunes it was about 150 m to the sea. Alas, it was not possible to bring the antennas into the water. There were too many curious tourists, cars on the beach etc. So we were confined to the area of the dunes. Our antennas were rather short, compared with other DX-peditions: Between 150 and 200 meters only. 4 antennas in the range 300 to 330 degrees, one at 270 and one at 240 degrees, all unterminated. I think, that in Finland or Sweden you wouldn't call such short wires an antenna? :-)

But still the results were rather impressive. The area was very quiet, within 300 or 400 meters no other cottage was used, so we could really enjoy digging out even the thinnest signals. Conditions were good towards North America until Jan 9, afterwards lousy on MW, but good for Pacific on SW.

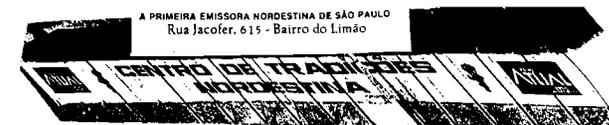
The weather was extremely cold, down to less than -15 degrees C, but blue sky, nice for a short walk during the daylight. However, that cold weather gave us a lot of trouble in opening/closing the main water-supply, as the valve was frozen. And of course we had to spend a fortune on energy to heat the cottage. Four persons was the maximum we could squeeze in, with the table covered with receivers, recorders and lists.

Our schedule was almost the same every day: Listening from around 1900 to 0000 UTC (when conditions were good also till 0200), then get some sleep till around 0600 UTC, and then the main listening period started, with the last signals fading out after 1400 UTC, when conditions were good. Otherwise fade-out was at 1200 UTC. Then we had some food, afterwards going through the tapes or listening to Asia, and then it was almost time to start again! The time-slot between 02-06 or 07 UTC was rather disappointing, by far the best time to catch rare birds was between 0800 and 1000 hrs UTC.

Here is the list of heard stations. Of course we will update it with listening times, dates, slogans etc. But this will take some time. First I have to write about 60 reception reports, and then the list will be made. So, this is only to show, what we heard":

AMERICA

530 Vision Cristiana
535 Grenada (tent)
560 CHVO, CKCN
580 CJFX, CFRA
590 VOXM
600 CBNA
610 CHNC
620 CKCM
640 CBN, R. Progreso (Cuba)
650 CKGA, WSM, Greenland (usually dominant, and fading in at around 1800 UTC), RCN Antena Dos (Colombia)
660 WFAN
680 CJOB, CFTR, CKXG, WRKO, KBRW (Alaska)
690 CBF, HCJB (tent)
700 CHS]



Confirmed Ken MacHarg kmacharg@hcjb.org.ec

DX'er
 HCJB - Box 39800 - Colorado Springs, CO 80949, or
 HCJB - Box 17-17-691 - Quito, Ecuador (.5 oz.: 50¢)

Your successes in obtaining QSL's and other station items

I appreciate those who have waited so long to see their QSL reports in print. This column was prepared in November, but evidently became lost in cyberspace. A new one is in preparation and should be available in just a few weeks. But for now, as an inspiration to all of us, here are some good ones received by NRC members. Keep those contributions coming.

NORTH AMERICA

CANADA

QUEBEC, CKGM, 990, Montreal, letter in 87 days. V/s Denis Dion, Dir of Eng. (Trelford--JA)

USA

ALABAMA, WBXR, 1140, Hazel Green, letter, sticker, map, rate card and business cards in 15 days. V/s Carla Brady Gonzalez, GM. (Lazarus--LA)

ALABAMA, WZZK, 610, Birmingham, letter and sticker 6 weeks after f/up. V/s Jerdan Bullard, Sr. VP. (Lazarus--LA)

ARKANSAS, KFAY, 1030, Farmington, ppd/card and letter 2 weeks after f/up. V/s Zeb Huffmaster, CE. (Lazarus--LA)

ARIZONA, KEVT, 1030, Cortaro, ppd/card in 61 days for f/up. V/s Pete Fajardo, GM (Wilkins--CO)

ARKANSAS, KXJK, 950, Forrest City, ppd/card, n/d letter in 15 days for f/up. V/s Janet Benson, PD. (Wilkins--CO)

CALIFORNIA, KABC, 790, Los Angeles, ppd/card in 35 days after f/up. (Wilkins--CO)

CALIFORNIA, KCWR, 550, ppd card in 11 days after 3rd f/up. (Heinen--CO)

CALIFORNIA, KXBT, 1630, Vallejo, f/d card in 20 days. V/s "Ralph" (KA6FDI) (Wilkins--CO)

COLORADO, KKGW, 620, Grand Junction, ppd/card in 4 days after 3rd f/up. (Heinen--CO)

COLORADO, KLTT, 670, Commerce City, ppd/card in 19 days. V/s K.C. O'Brien. (Wilkins--CO)

COLORADO, KLDC 670, 800, Commerce City, Brighton, ppd/card in 19 days. V/s K. C. O'Brien. (Wilkins--CO)

COLORADO, KNNZ, 540, Costa Mesa, p/d letter in 10 days after f/up. V/s Elaine Hawkes, Asst. CE. (Wilkins--CO)

COLORADO, KRGS, 690, Rifle, ppd/card in 6 days after 3rd f/up. (Heinen--CO)

FLORIDA, WAMR, 1320, Venice, letter, maps and sticker in 2 1/2 months. V/s Lee Freshwater. (Lazarus--LA)

FLORIDA, WEAG, 1490, Starke, IRCA letter in 2 1/2 months. V/s Lee Freshwater. (Lazarus--LA)

FLORIDA, WKXY, 930, Sarasota, IRCA letter in 2 1/2 months. V/s Lee Freshwater. (Lazarus--LA)

FLORIDA, WLUS, 980, Gainesville, IRCA letter in 2 1/2 months. V/s Lee Freshwater. Also letter from station, V/s Wm. Morris, GM. (Lazarus--LA)

FLORIDA, WMOP, 900, Ocala, IRCA letter in 2 1/2 months. Also letter, map and sticker. IRCA letter V/s Lee Freshwater, other V/s Bill Boyer, CE. (Lazarus--LA)

FLORIDA, WOCA, 1370, Ocala, IRCA letter in 2 1/2 months. V/s Lee Freshwater. Letter also from station, V/s Robert Hauck, Pres/GM. (Lazarus--LA)

FLORIDA, WRUF, 850, Ocala, letter on IRCA stationery and stickers, souvenirs from several FL stations in 2 1/2 months. V/s Lee Freshwater, Asterisk Radio Group and IRCA Eastern DX Roundup Editor. (Lazarus--LA)

FLORIDA, WTMC, 1290, IRCA letter in 2 1/2 months. V/s Lee (who else?) Freshwater. (Lazarus--LA)

FLORIDA, WWCN, 770, N. Ft. Myers, letter 2 weeks after f/up. V/s Joey Ciarnelli. (Lazarus--LA)

IDAHO, KBBK, 970, Rupert, f/d letter in 10 days. V/s Thomas Mohrlang, eng. 120 S. 300 W., Rupert, ID 83350. (Heinen--CO)

IDAHO, KBSU, 730, Boise, letter, sticker and magazine published by Boise State University Radio Network in 2 weeks after f/up. (Lazarus--LA)

IDAHO, KECN, 690, Blackfoot, ppd/card in 5 days after 3rd f/up. (Heinen--CO)

NEBRASKA, KTIC, 840, West Point, QSL card in 7 days. (Heinen--CO)

NORTH DAKOTA, KDDR, 1220, Oakes, ppd/card in 6 days after f/up. V/s Dave Reed, Ops. Manager. (Wilkins--CO)

NORTH DAKOTA, KQFN, 1550, West Fargo, ppd/card after 3 f/up. V/s Aaron White, Dir. Eng.

(Heinen--CO)

OKLAHOMA, KCLI, 1320, Clinton, p/d letter in 15 days. V/s Dennis Burton, Chief Operator.

(Heinen--CO)

PENNSYLVANIA, WCMB, 1460, Harrisburg, certificate in 10 days after f/up. V/s Bobby Gray, CE. (Lazarus--LA)

SOUTH CAROLINA, WFBC, 1330, Greenville, letter and sticker in 12 days after f/up. V/s Jessica Williamson, Asst. PD and John Boone, PD. (Lazarus--LA)

TENNESSEE, WLOD, 1140, Loudon, letter in 6 days. V/s Doyle Lowe, owner. (Lazarus--LA)

TENNESSEE, WMEN, 760, Knoxville, f/d info in 8 days. V/s John Hanna, 1621 East Magnolia Avenue, 37917. (Tiara--NC)

TEXAS, KBOP, 1380, Pleasanton, ppd/card in 5 days after 3rd f/up. V/s L.W. Reding, owner. (Heinen--CO)

TEXAS, KBOP, 1380, Pleasanton, f/d letter in 8 days after f/up. V/s L.W. Reding, Stn. Manager. (Wilkins--CO)

UTAH, KALL, 910, Salt Lake City, ppd/card in 6 days after f/up. (Wilkins--CO)

UTAH, KDYL, 1280, Salt Lake City, ppd/card in 8 days after f/up. (Wilkins--CO)

UTAH, KTUR, 1010, Tooele, ppd/card in 9 days after 3rd f/up. V/s Robert Turley, Pres (Heinen--CO)

WASHINGTON, KLFE, 1590, Seattle, f/d letter in 9 days. V/s Dick Harris, engineer. (Heinen--CO)

OUTSIDE OF NORTH AMERICA

COSTA RICA, TIRN, 590, San Jose, letter in 83 days. V/s Lic. Adriana Nunez Atrilas, Dir. (Trelford--JA)

CUBA, CJKT, 1050, Las Tunas, letter in 88 days. V/s Carlos Lopez M., CE. (Trelford--JA)

DOMINICAN REPUBLIC, HITS, 1020, Tamayo, letter in 39 days. V/s Gerand Rogmans. (Trelford--JA)

EL SALVADOR, YVKS, 760, 780, San Salvador and San Miguel, letter in 42 days. V/s Ing. Manuel A. Flores, VP. (Trelford--JA)

MEXICO, XEFU, 630, ppd/card and letter in 2 weeks. V/s Marcela Aguirre Munoz, Administrator General and Arnulfo Aguirre Salamanca, Dir. General. (Lazarus--LA)

MEXICO, XEPY, 1450, Merida, Yucatan, letter in 147 days. V/s Ariadne Gallardo Figueroa. (Trelford--JA)

MEXICO, XEUR, 1530, Mexico City, ppd/card, n/d letter, stickers, skeds in 21 days for f/up. V/s Lic. Luis Alfonso Sanchez Tovar, sub-director. (Wilkins--CO)

MEXICO, XEUS, 850, Hermosillo, Sonora, ppd/card, letter, sticker, 29th anniversary booklet in 30 days after f/up. V/s Lic. Emma Lourdes Lopez Valencia, Jefa, (Wilkins--CO)

MEXICO, XESJ, 1250, ppd/card and letter in 16 days. V/s Lic. Jorge Ruiz Schubert, Gerente General. (Lazarus--LA)

MOROCCO, Radiodiffusion Television, 207, Azilal, Rabat, f/d QSL card in 2 months. V/s J. Tanane. (Holbrook--MD)

PUERTO RICO, WNEL, 1420, Caguas, letter, sticker in 45 days. V/s Ing. Luis A. Soto, Eng. Dept. (Trelford--JA)

VENEZUELA, YVOD, 780, San Cristobal, card in 38 days. V/s Albertina. (Trelford--JA)

OTHER GOOD STUFF

FLORIDA, WPGR-772, 530, Jacksonville Port Authority, QSL, letter. V/s Charles Hardrink, OM. (Holbrook--MD)

LOUISIANA, WNV960, 1610, Metairie, ppd/card, n/d letter, Causeways Police Shoulder Patch in 28 days after f/up. V/s Carl J. Anderson, Maintenance Sup. (Wilkins--CO)

MARYLAND, KTRK, 1670, Ft. Mead, p/d certificate in 4 months. V/s Donald S. Browne, Proj. Manager. (Wilkins--CO)

NORTH CAROLINA, KNNH263, 530, Guilford County, NC Dept. Transportation returned ppd/card and included a letter in 25 days. V/s Mary Widener, letter signed by Aaron Horton.

State of NC, Dept of Transportation, Division of Highways, Box 25201, Raleigh, NC 27611. (Hardester--NC)

VIRGINIA, WPDF-247, 1610, Dept of Transportation TIS. QSL in one month. (Holbrook--MD)

VIRGINIA, USA Army Broadcasting Service, 1670, certificate suitable for framing in 106 days. (Hardester--NC)

VIRGINIA, USA, Army Broadcasting Service, 1670, WSL card. V/s Donald S. Browne, Project Manager. (Holbrook--MD)

This month's contributors include Mike Hardester, Jacksonville, NC, Hank Holbrook, Dunkirk, Maryland, Henry Lazarus, New Orleans, Louisiana, Robert Tiara, Hendersonville, NC, Don Trelford, St. Ann's Bay, Jamaica and John Wilkins, Wheat Ridge, Colorado.

Postal dream? Try nightmare for some!

by Paul Swearingen

First, a review: Several months ago, I asked that NRC members keep track of delivery times and conditions of DX News, issues #8-15, simply to see whether or not the USPS has lived up to Postmaster General Marvin Runyan's promise that "... consumers will receive more accurate and timely delivery". I also stated (see V.64, #14, p. 2-3) that I believed that the USPS is the best delivery system in the world, and I'm not going to budge from that belief, even after reviewing what to me is a dismaying situation.

Thanks to over 70 of you who participated, I have now a more accurate picture of your delivery situation. In short, it is inconsistent; it is not always accurate, whatever that may mean, and it is timely perhaps only 60% of the time, leading me to state unequivocally that the USPS needs to take rapid steps to rectify a deteriorating situation.

The survey was not scientific nor "random-sample", let me emphasize. If you felt so moved, you sent in a report, and I had assumed that records would start with the requested #8. Yet, about a half-dozen provided delivery times reaching clear back into August, indicating some concern on your part already about deliveries. Fourteen reports of light damage (minor tearing, abrasive or black marks, but not including torn tape) were noted; ten reports of severe damage (a significant portion of DXN missing, or in one case, BLOOD on a badly bent copy), enough to require replacement were received; and five members reported at least one issue missing entirely during the reporting period. Even though the reporting period spanned the Christmas holiday, notable for creating postal problems, I consider this record dismal and completely unacceptable.

Most reporters were located east of Topeka (including one each from The Netherlands, England, and Sweden); only six reported from west of Topeka. The most consistent reports of continued damage to DXN's seemed to be from Billings, MT; the best delivery times and conditions were from Detroit. #7 apparently went by slow boat to Europe, as the three members reported an average delivery time of 55 days; on the other hand, #8, #9, and #10 made it to Sweden only one day after the masthead date, whereas in some places in the U. S. the same issues arrived up to three and as much as eight days after the masthead date. Our two reporters in Canada reported extremely slow arrival times: an average of about five days, and as many as nineteen after

the masthead date. On the other hand, our Florida, Washington (state), and Maine members reported an average of about two extra travel dates, with several deliveries in each state right on the masthead date.

I didn't really find an area of consistently late deliveries in the U. S., so I believe that the USPS transportation network is working as it should. The problem, I believe, lies in the policy of the USPS to break up carrier routes and to have them "absorbed" by other carriers, as one member, a mail carrier, testified. He has noted more mail stacking up in his post office and not delivered in a timely manner, and more carriers quitting to get away from the stress. He comments: "The Postal service has placed itself in a position of trying to do more work with less people." And he characterizes the current USPS as a temporary "warehouse" for mail. Another member says, "They don't care. Their attitude is - accept it; these are modern times." Finally, a third states: "I suggest to you that the USPS is really a conspiracy to test the patience and generosity of the American people." He reported an instance where a postmaster accused 40 homeowners in one area of being intellectually challenged (i. e., retarded) or conspirators in a plot to thwart the delivery of mail. A year or so later, the carrier who had served the area and had moved on was arrested for hoarding and destroying mail on his new route. Of course, no apology from the postmaster!

Strong words. And I believe that more and more of you feel the same way.

Is the USPS moving towards better service? I can't say, and I certainly can't determine improvement in mail delivery from this survey. But I don't feel that the USPS bureaucracy is going to improve service on its own; it's going to take perhaps hundreds and thousands of complaints before USPS management wakes up and starts a fix.

I would suggest, then, that if you are receiving sub-standard service, file formal complaints with your local USPS until you note an improvement. Keep accurate records of delivery times and conditions; there should be no place in the continental U. S. which would ever receive a DXN mailing later than Thursday, and on that date probably only if I should have to place DXN in the mail on Saturday (which I had to do with #18) or if a large natural disaster should stop all transportation services. And please continue to report substandard or damaged deliveries to me; I may be able to build enough of a case to file a complaint from this end.

Thanks to all for your help; now, let's get back to the dials and DX!

Graveyard Achievements

Bill Hale billhale@wazoo.com
301 Boulder Bluff
San Marcos, TX 78666-8350

Distance records for stations logged on graveyard frequencies

1400 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: January 13, 1997

* indicates North American record-holder

WMSL	AL	Decatur	Joe Fela	Newark, NJ	819
WXAL		Demopolis	Robert Kramer	Chicago, IL	655
WJLD		Fairfield	Steve Francis	Alcoa, TN	245
WFPA		Ft. Payne	Russ Edmunds	Parsippany, NJ	769
WJHO		Opelika	Charles Reh	Leamington, ON	667
KSEW	AK	Sitka	Pete Taylor	San Francisco, CA	1457
AFRN		Tok	Esa Hänninen	Lemmenjoki, Finland	3291
KJKJ	AZ	Flagstaff	Pete Taylor	San Francisco	627
KXIV		Phoenix	Ernie Wesolowski	Omaha, NE	1037
KRVZ		Springerville	Jim Boehm	San Antonio, TX	712
KTUC		Tucson	Jim Boehm	San Antonio	762
KEZC		Yuma	Esa Hänninen	Lemmenjoki	5148
KVOY			Pete Taylor	San Francisco	*561
KELD	AR	El Dorado	Charles Reh	Leamington	932
KCLA		Pine Bluff	Robert Kramer	Chicago	785
KWYN		Wynne	Bill Dvorak	Madison, WI	543
KVTO	CA	Berkeley	Michael Rolph	Oakwood, NSW	7282
KPAT			Roy Millar	Marysville, WA	*685
KUNA		Indio	Bruce Reynolds	San Jose, CA	402
KQMS		Redding	Esa Hänninen	Lemmenjoki	4709
			Phil Bytheway	Seattle, WA	*487
			Phil Bytheway	Seattle	858
KSLY		San Luis Obispo	Phil Bytheway	Seattle	933
KQJQ		Santa Paula	Phil Bytheway	Marysville	581
KHOE		Truckee	Roy Millar	Nenana, AK	2035
KUKI		Ukiah	Frank Merrill	Lemmenjoki	4959
KEYX		Visalia	Esa Hänninen	Seattle	*793
KONG			Phil Bytheway	Winnipeg, MB	871
KRLN	CO	Canon City	Shawn Axelrod	Winnipeg	927
KDTA		Delta	Shawn Axelrod	Abisko, Sweden	4374
KFTM		Ft. Morgan	Olle Alm	Omaha, NE	*422
			Carl Dabelstein	Marysville	1161
KBZZ		La Junta	Roy Millar	Overland Park, KS	662
KPAG		Pagosa Springs	Carl Dabelstein	Crescent Beach, FL	885
WSTC	CT	Stamford	Mike Jeziorski	Clinton, ON	487
WILI		Willimantic	Jeff Falconer	Marlo, Victoria, Australia	9453
WFTL	FL	Ft. Lauderdale	Geoffrey Wolfe	Hyannis, MA	*1209
			Marc DeLorenzo	Sheigra, Scotland	4093
WIRA		Ft. Pierce	UK DXPedition	Alcoa	*614
			Steve Francis	Leamington	833
WNUE		Ft. Walton Beach	Charles Reh	Chicago	875
WERD		Jacksonville	Robert Kramer	Orlando, FL	20
WUEZ		Sanford	Shawn Axelrod	Orlando	53
WPAS		Zephyrhills	Shawn Axelrod	Alcoa	120
WVNF	GA	Alpharetta	Steve Francis	Stone Mountain, GA	182
WCLB		Camilla	Karl Jeter	Alcoa	129
WSGC		Elberton	Steve Francis	Madison, AL	218
WNEX		Macon	Neal Perdue	Stone Mountain	221
WSFB		Quitman	Karl Jeter	Oakland, IA	1240
WSGA		Savannah	Rick Dau		

KART	ID	Jerome	Esa Hänninen LEM96	Lemmenjoki Lemmonjoki, Finland (Tie)	4480 4480
			Shawn Axelrod	Winnipeg	*957
KRPL	Moscow		Esa Hänninen MB DXPedition	Lemmenjoki Valhalla Beach, MB	4233 *966
KIGO	St. Anthony		Shawn Axelrod	Winnipeg	789
KSPT	Sandpoint		Olle Alm Ernie Wesolowski	Abisko Omaha	4055 *1120
WDWS	IL	Champaign	Joe Fela	Newark	741
WGIL	Galesburg		Esa Hänninen Shawn Axelrod	Lemmenjoki Winnipeg	4196 *688
WEOA	IN	Evansville	Roy Millar	Marysville	1884
WBAT	Marion		Esa Hänninen Shawn Axelrod	Lemmenjoki Winnipeg	4128 *841
KCOG	IA	Centerville	Shawn Axelrod	Winnipeg	651
KADR	Elkader		Shawn Axelrod	Winnipeg	546
KVFD	Ft. Dodge		Shawn Axelrod	Winnipeg	517
KVOE	KS	Emporia	Niel Wolfish Shawn Axelrod	Winnipeg, MB Winnipeg	782 (Tie) 782
KAYS	Hays		Olle Alm Shawn Axelrod	Karesuando, Sweden Winnipeg	4443 *753
WCYN	KY	Cynthiana	Carl Dabelstein	Lincoln, NE	650
WIEL	Elizabethtown		Neal Perdue	Madison	212
WFTG	London		Ernie Wesolowski	Omaha	695
WFPR	LA	Hammond	Roy Millar	Marysville	2080
KAOK	Lake Charles		Carl Dabelstein Bob McCoy	Lincoln Lincoln, NE (Tie)	761 761
KWLA	Many		Robert Kramer	Chicago	795
WMME	ME	Augusta	Carl Dabelstein	Omaha	1333
WIDE	Biddeford		Andy Rugg	Pointe Claire, PQ	215
WMCS	Machias		Jerry Starr	Youngstown, OH	740
WWIN	MD	Baltimore	Denis Picard	Trois-Rivières-Ouest, PQ	528
WALE	MA	Fall River	Russ Edmunds	Little Silver, NJ	178
WLLH	Lowell		Russ Edmunds	Blue Bell, PA	277
WHMP	Northampton		Jeff Falconer	Clinton	459
WKNR	MI	Battle Creek	Steve Francis	Alcoa	455
WQBH	Detroit		Shawn Axelrod	Winnipeg	839
WCCY	Houghton		Shawn Axelrod	Winnipeg	432
WGON	Munising		Olle Alm Carl Dabelstein	Abisko Lincoln	3642 *634
WSAM	Saginaw		Shawn Axelrod	Winnipeg	*763
WSJM	St. Joseph		Morris Sorensen	Minton, ON	350
WKNW	Sault Ste. Marie		MB DXPedition	Valhalla Beach	643
KEYL	MN	Long Prairie	Rick Dau	Iowa City, IA	345
KMHL	Marshall		Roy Millar	Marysville	1291
KEEY	St. Paul		Craig Rathbone	Denver, CO	703
WHLB	Virginia		Esa Hänninen Shawn Axelrod	Lemmenjoki Winnipeg	3817 *259
WBIP	MS	Booneville	Ernie Wesolowski	Omaha	608
WMBC	Columbus		Steve Francis	Alcoa	298
WFOR	Hattiesburg		Steve Francis	Alcoa	455
WJQS	Jackson		Frank Merrill	Milan, MI	750
KFRU	MO	Columbia	Pete Taylor	San Francisco, CA	1623
KJCF	Festus		Frank Merrill	Holland, OH	424
KSIM	Sikeston		Dave Whatmough	Hamilton, ON	679
KGBX	Springfield		Shawn Axelrod	Winnipeg	884
KDRG	MT	Deer Lodge	Esa Hänninen Ernie Wesolowski	Lemmenjoki Omaha	4203 *909
KXGN	Glendive		Morris Sorensen	Leaf Rapids, MB	570
KARR	Great Falls		Pete Taylor	San Francisco	872
KJJR	Whitefish		Roy Millar	Marysville	381

KBRB	NE	Ainsworth	Phil Bytheway	Seattle	1149
KCOW		Alliance	Esa Hänninen Shawn Axelrod	Lemmenjoki Winnipeg	4530 *591
KLIN	Lincoln		Esa Hänninen Shawn Axelrod	Lemmenjoki Winnipeg	4321 *612
			Tim Hall	Winnipeg, MB (Tie)	*612
KBMI	NV	Henderson	Phil Bytheway	Seattle	882
KWNA	Winnemucca		Olle Alm Ernie Wesolowski	Abisko Omaha	4565 *1134
WBRL	NH	Berlin	Don Voorhies	Oswego, NY	275
WTSL	NH	Hanover	Russ Edmunds	Parsippany	225
WOND	NJ	Pleasantville	Karl Jeter	Stone Mountain	660
KMIN	NM	Grants	Tim Hall	San Diego, CA	552
KTRC	Santa Fe		Rick Dau	Oakland	854
KCHS	Truth or Consequences		John Wilkins	Wheat Ridge, CO	473
KTNM	Tucumcari		Jerry Starr	Hubbard, OH	1300
WABY	NY	Albany	UK DXPedition Charles Reh	Sheigra Leamington	3048 *449
WYSL	Buffalo		Bruce Reynolds	Warrensburg, MO	827
WDNY	Dansville		Jeff Falconer	Clinton	210
WSLB	Ogdensburg		Charles Reh	Leamington	401
WBMA	NC	Beaufort	Joe Kureth	Southern Pines, NC	159
WGBC	Greensboro		John Wilkins	West Des Moines, IA	832
WMFA	Raeford		Ron Bailey	Shelby, NC	133
WSIC	Statesville		Russ Edmunds	Kinnelon, NJ	495
WLSE	Wallace		Joe Kureth	Southern Pines	85
WHCC	Waynesville		Joe Kureth	Uniontown, MD	430
WCNF	Weldon		Joe Kureth	Southern Pines	131
KEYJ	ND	Jamestown	Charles Reh	Leamington	860
WMAN	OH	Mansfield	Bob McCoy Carl Dabelstein	Lincoln Lincoln (Tie)	740 740
WPAY	Portsmouth		Don Lynch	Lynn, MA	679
KWON	OK	Bartlesville	Olle Alm Shawn Axelrod	Abisko Winnipeg	4454 *895
KTMC	McAlester		John Wilkins	Wheat Ridge	613
KNOR	Norman		Olle Alm Shawn Axelrod	Karesuando Winnipeg	4644 *1000
KWIN	OR	Ashland	Pete Taylor	San Francisco	304
KIVR	Cave Junction		Esa Hänninen	Lemmenjoki	4613
KBCG			Roy Millar	Marysville	*373
KNND	Cottage Grove		Esa Hänninen Roy Millar	Lemmenjoki Marysville	4499 *259
KJDY	John Day		Olle Alm Phil Bytheway	Abisko Seattle	4344 *273
KBCH	Lincoln City		Phil Bytheway	Seattle	197
WEST	PA	Easton	Charles Reh	Leamington	392
WJET	Erie		Eric McIntosh	Invercargill	9141
WBLQ			Shawn Axelrod	Winnipeg	*971
WTCY	Harrisburg		Ron Bailey	Shelby	427
WJAC	Johnstown		Joe Fela	Newark	250
WAMQ	Loretto		Steve Francis	Alcoa	434
WKBI	St. Marys		Carl Dabelstein	Omaha	900
WICK	Scranton		Frank Merrill	Milan	408
WRAC	Williamsport		Frank Merrill	Milan	353
WCO6	SC	Columbia	Roy Millar	Marysville	2354
WGTN	Georgetown		Ron Musco	Windsor, CT	700
WMMZ	Spartanburg		Rick Dau	Iowa City, IA	694
KBJM	SD	Lemmon	Bruce Reynolds	Warrensburg	655
WJZM	TN	Clarksville	Dave Schmidt	New Castle, DE	680
WHUB	Cookeville		Ron Musco	Windsor	795
WLSB	Copperhill		Roy Millar	Marysville	2151

WKPT		Kingsport	Russ Edmunds	Parsippany	597
WGAP		Maryville	Shawn Axelrod	Winnipeg	1169
WHAL		Shelbyville	Ron Bailey	Shelby	277
WNBG		Waynesboro	Joe Kureth	Uniontown	655
KBYG	TX	Big Spring	Bruce Reynolds	Warrensburg	626
KUNO		Corpus Christi	Roy Millar	Marysville	1941
KILE		Galveston	Wayne Heinen	Colorado Springs	872
KGVL		Greenville	Shawn Axelrod	Winnipeg	1143
KIUN		Pecos	Roy Millar	Marysville	1552
KEYE		Perryton	Shawn Axelrod	Winnipeg	907
KVOP		Plainview	Phil Bytheway	Seattle	1413
KVRP		Stamford	Geoffrey Wolfe	Tuross Heads, NSW	8455
KDWT			Roy Millar	Marysville	*1558
KTEM		Temple	Roy Millar	Marysville	1751
KTFS		Texarkana	Steve Ponder	Bossier City, LA	65
KVOU		Uvalde	Ernie Wesolowski	Omaha	864
			Carl Dabelstein	Omaha	(Tie) 864
KSRR	UT	Provo	Olle Alm	Abisko	4513
KIXX			Phil Bytheway	Seattle	*732
WDOT	VT	Burlington	Russ Edmunds	Parsippany	256
WINA	VA	Charlottesville	John Wilkins	West Des Moines	844
WHHV		Hillsville	Russ Edmunds	Blue Bell, PA	341
WHIH		Portsmouth	Andy Rugg	Montreal, PQ	616
WHLF		South Boston	Roy Millar	Marysville	2346
WINC		Winchester	John Wilkins	West Des Moines	827
KLCK	WA	Goldendale	LEM96	Leimonjoki	4346
			Phil Bytheway	Seattle	*142
KEDO		Longview	Esa Hänninen	Leimonjoki	4346
			LEM96	Leimonjoki	(Tie) 4346
			Pete Taylor	San Francisco	*574
KRSC		Othello	Esa Hänninen	Leimonjoki	4253
			Pete Taylor	San Francisco	*646
KITZ		Silverdale	LEM96	Leimonjoki	4243
			Tim Hall	Kamloops, BC	*231
KTNT		Tacoma	Phil Bytheway	Seattle	25
WBOY	WV	Clarksburg	Charles Reh	Leamington	233
WRON		Ronceverte	Don Voorhies	Oswego	445
WSPZ		Spencer	Andy Rugg	Waterloo, ON	325
WKWK		Wheeling	Esa Hänninen	Leimonjoki	4054
			Steve Francis	Alcoa	*344
WBTH		Williamson	Jeff Falconer	Clinton	416
WATW	WI	Ashland	Roy Millar	Marysville	1480
WBIZ		Eau Claire	Pete Taylor	San Francisco	1662
WDUZ		Green Bay	Morris Sorensen	God's Narrows, MB	1035
WRJN		Racine	Shawn Axelrod	Winnipeg	656
WRDB		Reedsburg	Niel Wolfish	Winnipeg	542
			Shawn Axelrod	Winnipeg	(Tie) 542
WRIG		Wausau	Frank Merrill	Toledo, OH	374
KATI	WY	Casper	Mike Hardester	Modesto, CA	854
KODI		Cody	Esa Hänninen	Leimonjoki	4279
			Ernie Wesolowski	Omaha	*703
CKSQ	AB	Stettler	Esa Hänninen	Leimonjoki	3811
			Shawn Axelrod	Winnipeg	*696
CFLD	BC	Burns Lake	Phil Bytheway	Seattle	499
CHNL1		Clearwater	Roy Millar	Marysville	303
CKGR		Golden	Phil Bytheway	Seattle	356
CKRP		Princeton	Esa Hänninen	Leimonjoki	4090
CJNL1			Phil Bytheway	Seattle	*163
CJEK		Sparwood	Tim Hall	Banff, AB	107
CBWG	MB	Gillam	Morris Sorensen	God's Narrows	200
CBG	NF	Gander	Esa Hänninen	Ristiina, Finland	3116

CKCB	ON	Collingwood	Shawn Axelrod	Winnipeg	872
CBLV		Haliburton	Morris Sorensen	Head Lake, ON	58
CBOD		Maynooth	Tim Hall	Madawaska, ON	30
CKOB		Renfrew	Joe Kureth	Uniontown	406
CBEE		Sturgeon Falls	Morris Sorensen	Emsdale, ON	74
CKFL	PQ	Lac Megantic	Charles Reh	Leamington	632
CJFP		Rivière du Loup	Esa Hänninen	Espoo, Finland	3583
			MB DXPedition	Valhalla Beach	*1233
CKRN		Rouyn	MB DXPedition	Arnes	819
CKSW	SK	Swift Current	Phil Bytheway	Seattle	683
XEPF	BCN	Ensenada	Tim Hall	Chula Vista, CA	52
XESH	COAH	Cd Sabinas Hidalgo	Jim Boehm	San Antonio	641
XEI	MICH	Morelia	Tim Hall	50mi W of Santiago Ixcuintla, NAY	335
XELH	NAY	Acaponeta	Jim Boehm	San Antonio	290
XEEX	SIN	Culiacan	Tim Hall	Rancho Bernardo, CA	813
XEAB	SON	Santa Ana	Tim Hall	Poway, CA	441
XEFS	TAMS	Matamoros	Jim Boehm	San Antonio	263
PJB2	ATN	Bonaire	UK DXPedition	Sheigra	4548
CMFA	CUB	Guaimaro	Shawn Axelrod	Orlando, FL	534
HLoW#	GRN	Carriacou	Jean Burnell	Middle Cove, NF	2486
PRH6	BRZ	Belo Horizonte	Pete Taylor	Rio de Janeiro, Brazil	211
ZYJ462		Rio de Janeiro	NF DXPedition #4 Team	Cappahayden	4867
CX140	URG	Tacuarembó	NF DXPedition #4 Team	Cappahayden	5440
2PK	NSW	Parkes	Roy Millar	Marysville	7832
JOQL	JPN	Kushiro	Pete Taylor	San Francisco	4652
BEV98	Taiwan	Kaohsiung	Pete Taylor	Hong Kong	391

Manitoba DXPedition [Shawn Axelrod, Wayne McRae]

Newfoundland DXPedition #4 Team [Jean Burrell, David Clark, Mark Connolly, Bruce Conti, Neil Kazaross, Jim Renfrew]

UK DXPedition [Steve Whitt, Mark Hattam, Clive Rooms]

LEM96= Mika Makelainen and Jorma Mantyla
- Harbour Light Of the Windwards

Domestic DX Achievements

Paul Swearingen plsBCBDXER@AOL.com
2840 SE Illinois Avenue
Topeka, KS 66605-1427

Domestic DX totals listed periodically in different categories

Name and location	Yr	Last	TDY	SV	PV	DCV	TDH	SH	PH	DGH	TDT	ST	PT	DCT
Kermit Geary, eastern PA	26	2/92	5161	50	10	✓	5575	50	10	✓	2487	48	9	✓
Ernest Cooper, Cape Cod, MA	32	10/78	3601	48	10	✓	3601	48	10	✓	0	0	0	
Sid Steele, eastern IL	31	3/89	2946	49	10	✓	3300	49	10	✓	0	0	0	
Ed Krejny, vic Cleveland, OH	50	11/96	2729	49	10	✓	3265	49	10	✓	0	0	0	
Hank Holbrook, Annapolis, MD	46	4/89	2161	50	10	✓	2161	50	10	✓	0	0	0	
Robert Kramer, Chicago, IL	70	11/96	2010	49	10	✓	3803	50	10	✓	2733	49	10	✓
Ernie Wesolowski, Omaha, NE	58	11/78	1950	49	9	✓	2050	49	9	✓	0	0	0	
Frank Wheeler, nw PA	30	11/90	1708	50	9	✓	2507	50	9	✓	232	34	3	✓
Jerry Starr, Youngstown, OH	54	1/86	1610	50	10	✓	2159	50	10	✓	1055	50	10	✓
Andy Rugg, Montreal & sc. Ont	60	11/96	1519	47	10	✓	1549	47	10	✓	156	27	7	✓
Wayne Heinen, NY/CO	64	12/96	1434	49	9	✓	1434	49	9	✓	0	0	0	
Andy Rugg, Montreal area	60	11/96	1357	47	10	✓	1383	47	10	✓	156	27	7	✓
Ron Musco, vic Hartford, CT	62	11/96	1197	47	9	✓	1325	47	9	✓	108	28	3	
Karl Jeter, Atlanta, GA	69	3/84	1193	44	6	✓	1574	44	6	✓	0	0	0	
Ray Arruda, nr Boston, MA	63	1/97	1105	47	9	✓	1257	47	9	✓	0	0	0	
Ken Chatterton, northern NY	45	11/78	1101	50	10	✓	1845	50	10	✓	0	0	0	
Karl Forth, vic Chicago, IL	70	11/78	1088	48	10	✓	1771	48	10	✓	1077	48	10	✓
Joseph Fela, central NJ	61	10/78	1045	48	9	✓	1861	49	10	✓	400	40	7	✓
Roger Anderson, Wash. DC	38	10/78	1017	48	9	✓	1017	48	9	✓	0	0	0	

Dave Schmidt, se PA/n DE	65	11/79	1006	48	8	1250	48	8	400	40	4			
Dave Whatmough, Hamilton, Ont		12/85	967	49	10	✓	1724	49	10	✓	0	0	0	
John Sampson, Omaha, NE	54	12/78	912	45	6	✓	912	45	6	✓	0	0	0	
John Malicky, Pittsburgh, PA	70	11/87	902	38	7	✓	1461	40	7	✓	1184	40	6	✓
Geo. Holland, Jr., vic. Albany	31	11/85	828	49	9	✓	828	49	9	✓	0	0	0	0
Bob Harrison, northeastern NJ	82	11/96	743	36	7	✓	964	36	7	✓	0	0	0	0
Stephen Ponder, Shreveport, LA	75	8/89	721	39	5	✓	769	39	5	✓	10	4	4	
Neil G. Zank, Lincoln, NE	61	10/78	535	45	9		1100	46	9		0	0	0	
Niel Wolfish, Toronto, Ont	78	2/93	493	43	10	✓	1285	43	10	✓	402	39	6	
Jim Hopkins, southern NJ	72	10/78	455	43	7		850	44	7	✓	0	0	0	
John Sampson, Winston-Salem, NC	68	10/78	450	30	1		450	30	1	✓	0	0	0	
Rob Keeney, nr Kansas Cty, KS	69	10/78	419	49	8		990	49	8		0	0	0	
Don Davis, Macon, GA	76	10/78	410	35	2	✓	580	39	3	✓	10	4	4	
Dennis Pimper, ne NE & UT	39	12/84	400	45	6		2015	47	7		651	40	5	
Dennis Pimper, nr Brigham Cty	68	12/84	400	45	6		1375	45	7		651	40	5	
John Sampson, Hutchinson, MN	60	10/78	336	42	6		336	42	6		0	0	0	
Joe Kureth, Uniontown, MD	61	12/96	327	41	7	✓	2056	46	10	✓	0	0	0	
Robert Foxworth, Long Island	57	11/78	270	48	7	✓	1000	49	10	✓	400	44	9	✓
R. J. Edmunds, nc NJ	62	2/81	263	42	6	✓	1545	47	9	✓	806	41	8	✓
John Sampson, Cupertino, CA	66	10/78	258	17	3		258	17	3		0	0	0	
Jim Renfrew, New Canaan, CT	67	4/89	247	35	7	✓	721	39	8	✓	0	0	0	
Donald Erickson, Riverside, CA	61	1/93	247	31	5		508	36	6		0	0	0	
Thomas White, nr Wash., DC	68	1/92	243	38	7	✓	970	39	7	✓	0	0	0	
Paul Mount, northeast NJ	73	2/86	224	33	6	✓	489	36	7	✓	199	26	5	✓
Art Fregeau, Northford, CT	57	11/78	214	41	7	✓	803	45	10	✓	0	0	0	
Mike Sanburn, Bellflower, CA	72	11/92	212	23	5		600	32	5		33	10	1	
Bob Karchewski, San Francisco	69	10/78	198	36	5		249	36	5		197	35	5	
John Sampson, metro NYC, NY	65	12/78	181	33	6	✓	181	33	6	✓	0	0	0	
Jim Renfrew, Rochester, NY	76	4/89	161	37	6	✓	990	43	9	✓	68	27	5	
Jim Wallace, Columbus, OH	69	10/78	137	36	3	✓	795	41	7	✓	0	0	0	
Jeff Tynan, Parker, CO	87	4/89	128	27	5		674	36	5		0	0	0	
George Greene, Akron, OH	60	11/84	119	29	3		743	45	7	✓	0	0	0	
Harry J. Hayes, ne PA	70	9/82	102	27	2		1100	41	9	✓	502	39	9	✓
Warren Greenberg, vic Boston	72	11/78	99	26	6	✓	125	27	6	✓	0	0	0	
Joe Kureth, Southern Pines, NC	63	6/71	92	26	2	✓	878	38	7	✓	0	0	0	
Harley DeLeurere, Hendricks, WV	55	10/78	59	48	10	✓	59	48	10	✓	0	0	0	
Bob Gilfert, Va. Beach, VA	90	1/92	51	21	4		0	27	5	✓	0	0	0	
Steve Bezilla, central PA	24	10/78	50	45	4		3000	48	8		0	0	0	
Philip Boersma, western MI	73	10/78	50	24	3		520	41	6		0	0	0	
Greg Hardison, Atlanta, GA	64	11/78	42	19	5		900	36	6		0	0	0	
Rick Dau, Oakland, IA	81	5/89	42	16	2		700	40	6		32	8	0	
Richard Noel Allen, nc OK	69	10/78	41	13	7		350	38	7		3	2	1	
Gary Houdek, nc KS	75	1/81	31	21	1		294	34	3		0	0	0	
Michael Jeziorski, IL	78	3/81	26	16	1		948	42	6		0	0	0	
Jack Woods, western OR	74	2/81	25	18	0		194	26	4		0	0	0	
Niel Wolfish, Winnipeg, Man.	85	2/93	25	10	4		813	37	9		113	10	4	
Dick Truax, Louisville, KY	72	12/78	20	17	3		935	46	6	✓	120	35	5	✓
Lynn Burke, Tidewater VA	73	10/78	18	7	1		690	36	6	✓	0	0	0	
Ken Onyschuk, Homewood, IL	66	11/92	16	13	0		972	43	6	✓	0	0	0	
Rick Dau, Iowa City, IA	87	5/89	11	5	0		261	27	4		8	5	0	
Bob Smolarek, nc NJ	82	4/89	7	7	0		817	36	5	✓	78	16	5	
Dave Yocis, Bridgeport, CT	3	3/79	5	5	0		428	38	8	✓	22	6	0	
Paul Mount, southeast OH	78	2/86	3	3	0		390	36	3	✓	60	25	1	
Ron Bailey, Shelby, NC	92	12/96	3	3	0		1172	36	4	✓	0	0	0	
Nancy Hardy, coastal WA	69	12/84	3	2	0		778	40	5		0	0	0	
Ed Gehringer, W. Lafayette, IN	63	11/78	1	1	0		300	36	7		30	10	5	
Paul Swearingen, e KS	75	10/96	1	1	0		741	44	7	✓	741	44	7	✓
Dan Emerick, Jr., Pittsburgh	93	1/97	1	1	0		125	26	3	✓	0	0	0	
Don Lynch, Chelmsford, MA	60	10/81	0	39	4	✓	1142	45	8	✓	0	0	0	
Bruce Winkelman, Greensboro, NC			0	0	0		686	40	4	✓	0	0	0	
Bruce Winkelman, Tulsa, OK	79	1/92	0	0	0		284	30	2		0	0	0	
Jerry Bond, Rochester, NY	62	10/78	0	0	0		785	43	8	✓	50	10	2	
Jim Renfrew, New York, NY	78	4/89	0	0	0		242	32	2	✓	0	0	0	

Jim Renfrew, Raleigh, NC	78	4/89	0	0	0	329	7	2	✓	0	0	0	
Jim Renfrew, San Diego, CA	84	4/89	0	0	0	164	17	3		0	0	0	
Jim Renfrew, Severna Park, MD	71	4/89	0	0	0	553	36	5	✓	15	8	1	
Marc DeLorenzo, eastern MA	62	2/97	0	0	0	1163	45	9	✓	0	0	0	
Richard Turner, se MA (mostly GY)	94	12/96	0	0	0	328	29	6	✓	0	0	0	
Shawn M. Axelrod, s Manitoba	85	11/96	0	0	0	✓	1673	50	10	✓	0	0	0
Stephen Francis, nr Knoxville	70	2/92	0	0	0	2475	46	7	✓	0	0	0	
John Reed, Ponca City, OK	95	12/96	0	0	0	388	31	3		0	0	0	

Legend:
 ✓ District of Columbia heard, taped, and/or veried
 TDH, TDT, TDV Total Domestic Heard, Taped, Verified
 SH, ST, SV States Heard, Taped, Verified
 PH, PT, PV Provinces Heard, Taped, Verified

Thanks for updates and new listings from Rick Turner, Dan Emerick, Wayne Heinen, John T. Reed, Ray Arruda, Marc DeLorenzo, Ron Bailey, and Joe Kureth.

This column is arranged by Total Domestic Verified; the next column will feature Total Domestic Heard, and we'll run various priorities at different times. We'll only delete listings of those who are no longer NRC members, so should you drop out and rejoin, you'll need to resubmit your totals. We're shooting for the next column to be published in April, and succeeding DDXA columns during even-numbered months. Hope to see your listing here next time!

Professional Sports Networks
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 10314 S. Oakley
 Chicago, IL 60643-2409
 Network listings for team sports stations

Here are NBA Network lists from Media Guides (via Bob Galerstein). There are 13 network lists that I do not have; please send me any that you may have. I am surprised that I have found no network lists on the World Wide Web; I am surprised that some of the Media Guides do not list the frequency of stations, just the call, city, and state. When the frequency is not listed, I assume that the station broadcasting the games is AM. There may be an FM station with the same call letters that broadcasts the games in addition to (or in place of) the AM station.

Atlanta Hawks Steve Holman

540 WDAK-GA a	900 WEAS-GA	1370 WDEF-TN	1590 WALG-GA	102.3 WKZR-GA
550 WDUN-GA	1240 WGA-GA	1410 WLAQ-GA		105.5 WIFO-GA
620 WTRP-GA	WWNS-GA	1450 WBHF-GA	92.1 WKUL-AL	
740 WMSP-AL	1340 WGAU-GA	WKBU-GA	96.7 WMKI-GA	
750 WSB-GA *	WQSC-SC	WMVG-GA	100.1 WMCD-GA	
810 WAPB-TN b	1350 WGAD-AL	1480 WRDW-GA	102.1 WKEU-GA	

Charlotte Hornets (i) Matt Pinto (e)

550 WHYM-NC	730 WOHNS-NC	1240 WJNC-NC	1400 WSMY-NC	1490 WSVN-NC
590 WCAB-NC	740 WBAW-SC	1250 WBRM-NC	WMMZ-SC	1590 WCSL-NC
600 WSJS-NC	900 WAYN-NC	1280 WSAT-NC	1410 WPCC-SC	
620 WDNC-NC	980 WAAV-NC	WYVE-VA	1440 WGVL-SC	100.9 WIFM-NC
	WWNR-WV	1050 WLON-NC	1290 WHKY-NC	1450 WATA-NC
640 WFNC-NC	1110 WBT-NC *	1350 WLMA-SC	WGNC-NC	
680 WRGC-NC	1150 WBAG-NC	1380 WLRV-VA	1490 WRMT-NC	

Chicago Bulls (i) Neil Funk, Derrek Dickey

590 KFNS-IL	1060 WRHL-IL	1360 WLBK-IL	1500 WGEN-IL	102.3 WTAZ-IL
810 WAPB-TN b	1230 WHCO-IL	1400 WDWS-IL	1570 WFRL-IL	102.5 WHHK-IL
880 WINU-IL	1240 WEBQ-IL	WGLI-IL		104.9 WGEN-IL
920 WMOK-IL	WSDR-IL	1410 WTIM-IL	95.7 WAIZ-IL	105.1 WGEM-IL
930 WAUR-IL	WTAX-IL	1440 WGEM-IL	96.7 WCOE-IN	105.5 WYKT-IL
940 KIOA-IA	1250 WIZZ-IL	WROK-IL	98.1 WIBN-IL	107.1 WSPY-IL
1000 WMVP-IL *	1270 WEIC-IL	1470 WQSN-MI	98.3 WBYS-IL	
1050 WDZ-IL	1320 WKAN-IL	1490 WZOE-IL	102.3 WEBQ-IL	

Cleveland Cavaliers		Joe Tait					
930 WEOL-OH	1320 WLOH-OH	1460 WBNS-OH	1600 WBLY-OH	100.9	WJAW-OH		
970 WFUN-OH	1390 WRTK-OH	1480 WHBC-OH		104.5	WQKT-OH		
1100 WTAM-OH *	1430 WFOB-OH	1490 WMOA-OH	92.7	WQEL-OH	107.1	WDOH-OH	
1260 WRIE-OH	1450 WJER-OH	WMRN-OH	95.3	WLKR-OH		WEXC-PA	
1280 WKST-PA	WLEC-OH	1570 WANR-OH	96.7	WCSM-OH	107.3	WYBZ-OH	
1310 WPDN-OH	1460 WBKC-OH	1590 WAKR-OH	100.1	WSWR-OH			

Denver Nuggets (i)		Jerry Schemmel (e)			
590 KCSJ-CO	920 KLMR-CO	1010 KSIR-CO	1370	KRAE-WY	
730 KLOE-KS	930 KROE-WY	1290 KOWB-WY			
740 KTWK-CO	950 KKFN-CO *	1300 KVOR-CO	107.9	KBKL-CO	

Houston Rockets		Gene Peterson (e)				
550 KWBC-TX	980 KHOS-TX	1330 KFCA-AR	1490	KVLL-TX	98.3	KULM-TX
640 WWLS-OK	990 KZZB-TX	KSAR-AR	1500	KANI-TX	106.1	KWHI-TX
740 KTRH-TX *	1010 KLAT-TX SS	1340 KAMG-TX	1530	KNES-TX		
790 KFYO-TX	1150 WTAW-TX	KRBA-TX	1590	KGAS-TX		
840 KVJY-TX	1230 KSIX-TX	1390 KULP-TX	1600	KOGT-TX		
860 KSFA-TX	1300 WIBR-LA	1470 KLCL-LA				

Indiana Pacers (i)		Mark Boyle, Bob Leonard				
860 WGOM-IN	1280 WGBF-IN	1440 WPGW-IN	95.3	WNDI-IN	103.9	WRBI-IN
930 WHON-IN	1330 WTRE-IN	1480 WTHI-IN	95.7	WGBD-IN	104.9	WWWY-IN
1070 WIBC-IN *	1340 WBIW-IN	1550 WCVL-IN		WLRX-IN	106.6	WWBL-IN
1230 WSAL-IN	WXFN-IN f	WMDH-IN	101.9	WQFE-IN	107.7	WMRS-IN
1240 WHBU-IN	1350 WIOU-IN		102.3	WCBK-IN	---	WREB-IN g
1250 WGL -IN	1370 WGCL-IN	93.9	WZBD-IN	103.9	WIMC-IN	

Los Angeles Lakers		Chick Hearn, Stu Lantz				
570 KLAC-CA *	1230 KXO-CA	1240 KSMA-CA	1300	KYNO-CA	1450	KSGI-UT
1010 KPSL-CA	KYVA-NM p	1290 KMEN-CA	1330	KWKW-CASS	1460	KENO-NV
1230 KGEO-CA	1240 KLOA-CA	1300 KAZN-CA Ch	1400	KKJL-CA	1520	KTRO-CA

Milwaukee Bucks		Howard David, Jon McGlocklin (e)					
550 WSAU-WI	1070 WTSO-WI	1270 WRJC-WI	1440	WNFL-WI	92.7	WDUX-WI	
590 WJMS-MI	1090 WISS-WI	1330 WHBL-WI	1450	KFIZ-WI	93.9	WDOR-WI	
620 WTMJ-WI *	1150 WHBY-WI	1350 WPDR-WI		WDLB-WI	94.3	WPRE-WI	
710 WDSM-WI	1230 WCLO-WI	1380 WBEL-WI	1570	WKBH-WI	95.9	WRDN-WI	
960 WTCH-WI	1240 WJMC-WI	1400 WATW-WI	1590	WPVL-WI	99.7	WWIS-WI	
980 WNBI-WI	WOBT-WI	WBIZ-WI			102.3	WISS-WI	
	WPRE-WI	WOMT-WI	WRDB-WI	92.1	WRLS-WI	105.3	WRLO-WI
1010 WSPO-WI	1260 WEKZ-WI	1430 WRDN-WI	92.3	WJMQ-WI	106.3	WEVR-WI	

Minnesota Timberwolves		Kevin Harlan, Tom Hanneman, Chad Hartman (e)				
610 KDAL-MN	1230 KTRF-MN	1310 KNOX-MN	1400	KMHL-MN	92.1	KRUE-MN
790 KFGO-MN	KWNO-MN	1320 KOZY-MN		WHLB-MN		WYRQ-MN
860 KNUJ-MN	WSN -MN	1340 KDLM-MN	1420	KTOE-MN	94.3	KMSR-MN
950 KWAT-MN	1240 WJON-MN	KWLM-MN	1450	KATE-MN	95.5	KCHK-MN
1130 KFAN-MN *	1250 KCUE-MN	1350 KCHK-MN		KBMW-MN	96.5	KJJK-MN
1210 KOKK-MN	1260 KROX-MN	WCMP-MN		KBUN-MN	100.1	KOLV-MN
1230 KMRS-MN	1270 KWEB-MN	1390 KRFO-MN			106.3	WRJB-MN

Orlando Magic		Chip Caray, Jack Givens (e)				
540 WDAK-GA a	980 WTOT-FL	1320 WJGR-FL	1450	WWJB-FL	99.3	WLRQ-FL
580 WDBO-FL *	1130 WWBF-FL	1350 WDCF-FL	1480	WODX-FL	106.9	WZZS-FL
620 WSUN-FL	1150 WNDB-FL	1370 WAXE-FL	1590	WPSL-FL	---	TBA -FL c
800 WPLK-FL	1240 WFOY-FL	1400 WZHR-FL	1600	WKWF-FL		TBA -FL c
900 WMOP-FL	1250 WQHL-FL	1410 WHBT-FL				TBA -FL c
910 WFNS-FL	1260 WFTW-FL	WQBQ-FL	95.3	WXCW-FL		
960 WGRO-FL	1320 WAMR-FL	1430 WLKF-FL	97.7	WRRX-FL		

Portland Trailblazers		Bill Schonely				
610 KRTA-OR	1310 KNPT-OR	1450 KFLS-OR	92.7	KGBR-OR	103.1	KRSB-OR
1110 KBND-OR	1340 KIHR-OR	KBKW-WA	92.9	KAST-OR	104.1	KTIL-OR
1120 KPNW-OR	1400 KBCH-OR	1460 KCXX-OR	96.5	KTWI-OR	107.3	KACW-OR
1190 KEX-OR *	KJDY-OR	1490 KLOG-OR	99.3	KQFM-OR		
1230 KZZR-OR	1430 KYKN-OR d	1580 KGAL-OR	100.1	KWRL-OR		
1240 KTIK-OR	1440 KODL-OR		100.5	KCGR-OR		

Sacramento Kings		Gary Gerould, Jerry Reynolds			
600 KNRO-CA	950 KAHJ-CA	1140 KHJK-CA *	1410	KMYC-CA	
830 KNCO-CA	1060 KPAY-CA	1270 KPLY-CA	1490	KBLF-CA	

San Antonio Spurs		Jay Howard (EE), Paul Castro (SS)			
1200 WOAI-TX *	1300 KVET-TX	1440 KEYS-TX			
1230 KDLK-TX	1350 KCOR-TX SS	1490 KDOS-TX			

Toronto Raptors		Mike Inglis, Paul Jones				
550 CHNO-ON	710 CJRN-ON	930 CKNS-ON p	1240	CJRW-PE	1340	CKNR-ON p
580 CFRA-ON	900 CHML-ON	1010 CFRB-ON *	1290	CJBK-ON	1450	CHUC-ON
600 CIQC-ON	910 CKLY-ON p	1110 CKTY-ON	1340	CJNR-ON p		

Utah Jazz (i)						
540 KNAK-UT	750 KOAL-UT	950 KMER-WY	1240	KEVA-WY	92.1	KTLE-UT
590 KID -ID	790 KUTA-UT	970 KBBK-ID	1320	KFAN-UT *	103.9	KYKN-ID d
	KSUB-UT	800 KSOS-UT	980	KSVK-UT	1450	KIOV-ID
		890 KDXU-UT	1240	KWIK-ID	1490	KUGR-WY
610 KVNJ-UT	920 KVEL-UT			KELK-NV		

* = flagship station

a = This station broadcasts both the Atlanta Hawks & the Orlando Magic.

b = This station broadcasts both the Atlanta Hawks & the Chicago Bulls.

c = The three TBA stations on the Orlando Magic network are in Fort Myers, Sarasota, and Sebring.

I do not know if these stations are AM or FM.

d = There are two KYKN radio stations. KYKN-AM is 1430 in Keizer, OR and broadcasts the Portland Trailblazers. KYKN-FM is 103.9 in Nephi, UT and broadcasts the Utah Jazz.

e = I do not know the current announcers; those listed are from a previous season.

f = The Pacers' list has typo WJFM Muncie, IN

g = The Pacers' list has WREB Greencastle, IN. Those calls are for 930 in Holyoke, MA.

h = This station broadcasts selected home games.

i = This network list did not list frequencies.

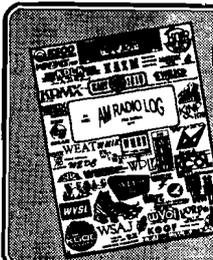
p = partial schedule

SS = Spanish

Ch = Chinese !! (home games only)

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