

# DX News

•Serving DX'ers since 1933•

Volume 60, No. 5 - Nov. 9, 1992 (ISSN 0737-1659)



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### CPC Test Calendar

Call	Freq	Date	EST Time
KMFI	1470	Nov. 9, 1992	0200-0500
KNAK	540	Nov. 23, 1992	0200-0230
WSMI	1540	Nov. 28, 1992	0030-0100
WIMA	1150	Nov. 28, 1992	0030-0100
KCNO	570	Nov. 30, 1992	0330-0400

No new tests were scheduled this week.

**From the Publisher ...** If you tried to send a contest entry to Rick Dau, and it came back, have no fear ... he just moved across town to his new address of 42 W. Court St., #401 - Iowa City, IA 52246. College sports updates go to that address also.

**DX Change...** Your publisher has 37 extra copies of *Elementary Electronics* Mar-Apr '75 to Jan-Feb '81, and copies of *Review of International Broadcasting*, #4 27, 32-45, and 82-132 and would be happy to mail one or all for the cost of postage, book rate or printed matter rate, or trade for copies prior to #46 of the bulletin of the International DX Club of San Diego or the '71, '90 and '91 editions of the *WRTH* (or anything else interesting!).

**GTG - Ray Arruda's annual Thanksgiving GTG** at The Lower Deck - 47 Burt St. - Acushnet, MA, will be held Saturday, November 21, 1992, from noon to ???.

**Select-A-Tenna ...** Stan Morss sent a copy of a catalog listing in Herrington - 3 Symmes Drive -

Londonderry, NH 03053; the well-known antenna apparently has been renamed "The Omnipotent". The All-Powerful costs \$49.95, anyway.

**He Joined ...** Mike Cooper, Atlanta, GA (re-joins).

**Logos ...** We always need radio station logos of all types, but note that light blue logos, which quite a few stations use on their stationery and envelopes, will not reprint. Send them to the publisher in Topeka.

### DX Time Machine

From the pages of *DX News*:

**50 years ago ... from the Oct. 24, 1942 DDXN:** Jim Wedewer, Dyersville, IA, reported hearing CFQC-600 until 2 am, CFJC-910 after WGBI's s/loff at 1:05 am, and a weak station on 660 between 1 and 2 am, possibly KFAR ... from the Oct. 31 DDXN: It was reported that KKKX-1590, Kansas City, MO, went bankrupt and left the air on Oct. 1, 1942. This was one of the four high-fidelity stations assigned to 1530 and 1550 kHz in 1935; the original experimental call, W9XBY, had been changed to KXBY, then to KITE, and finally KXXX ... from the Nov. 7 DDXN: A weekly program of DX tips was inaugurated from KXEL-1540, airing on Saturday mornings at 1:00-1:15 am, Eastern War Time. The first program was a script submitted by Ernie Cooper, Brooklyn, NY.

**25 years ago ... from the November 11, 1967**

**DDXN:** IDXD editor Gordon P. Nelson decried *Popular Electronics* editor Tom Kneitel's manufacturing a story purporting possible operation of a station on Navassa Island off the coast of Cuba.

**10 years ago ... from the November 8, 1982 DDXN:** Chuck Hutton, Decatur, GA heard "interesting" DX on 880, 9-13, possibly R. Union, Lima, Peru ... Meanwhile, Mike Westfall, Rialto, CA, reported a pirate, possibly near Loma Linda, broadcasting Seventh Day Adventist church services on Wednesday and Saturday.

### The AM Radio Antenna That Opened Alaska's North Slope!

Over a decade ago, the odd-looking antenna became a legend on Alaska's barren North Slope. Rugged oil field workers, desperate for contact with the "Lower 48" states, gladly paid twice our price for the Omnipotent so they could listen to hometown stations. It took awhile, but we finally tracked down the inventor and convinced him to resume making the Omnipotent for our catalog. You're not heading for the North Slope, but perhaps you live or vacation in a remote area, with poor AM reception. Or maybe you just like listening to sports or late-night talk shows on distant AM radio stations. Then you'll be amazed at the power of the Omnipotent AM Antenna. First, tune your AM radio to the station you want, no matter how weak or noisy. Then place the Omnipotent next to your radio (no connections required) and tune to the same frequency. Instantly your station leaps out of the static, so strong you'll actually turn the volume down! Through the small miracle known as *mutual inductive coupling*, Omnipotent amplifies even the weakest, noisiest stations by a factor of 75x, making them clear, strong and listenable. Hard to believe? Try Omnipotent in your home or vacation retreat for 60 days — we'll gladly refund your money if you're not impressed (requires no AC or battery power — 11" diameter).

#A102 Omnipotent™ AM Antenna — \$49.95

# 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 listeners

## CALL LETTER CHANGES

None

## APPLICATIONS/GRANTS FOR NEW STATIONS

None

## APPLICATIONS FROM EXISTING FACILITIES

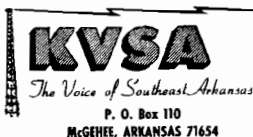
- 800 KLTT CO Brighton: powers to 2500/200  
810 WKNV VA Dublin: see WQQR below  
890 WQQR VA Fairlawn: relocate transmitter site. Normally we don't list site changes until they are granted since they don't make any real difference for DX purposes until they happen, but this is sort of interesting. Both WKNV-810 and WQQR-890 are new stations that have not yet been built. They are proposing to transmit from a common site. Since WKNV is D1 and WQQR is D3 the plan evidently is for WKNV to diplex into one of the WQQR towers. Shades of WGR/WWKB but much closer in frequency, thus much trickier engineering. Fairlawn and Dublin are less than 10 miles apart. This raises the question: Does the Radford, VA "metro" really need two more new AM stations?
- 1340 WLDY WI Ladysmith: reduce powers to 610/610  
1380 WAMS DE Wilmington: night power to 4200 watts. Station went silent in 1991 when their transmitter site was sold to developers. Evidently there are plans to rebuild this station at another location. They have also filed for a change of transmitter site.

## GRANTS TO EXISTING FACILITIES

None

## OTHERNESS

- 1250 WARE MA Ware: station on the "silent list" is ON THE AIR  
1380 KQKD SD Redfield: on the "silent list" but is ON THE AIR  
1400 WSJM MI St. Joseph: application for move to 1310 kHz with 5000/500 U4 has been DENIED  
1440 WMAX? MI Bay City: we have been getting reports of WUNI using the calls WMAX for well over a month now. We do know that WMAX was dropped in Kentwood, MI recently but have never seen WUNI's change listed by the FCC! For that reason we haven't listed it under Call Changes. Can it be that the FCC has gotten this slow in releasing changes? Or is this another one that fell through one of those famous cracks at the Commission. Has not been listed in MSJ or any of the FCC info sources we use either.  
1490 WUSS NJ Atlantic City: was silent for several weeks but is back ON THE AIR



1560 WQXR NY

New York: more call info in Otherness? Well, as a tip to those who have been putting off QSLing WQXR, the station has announced its intention to change formats to Nostalgia now that WNEW is going to Business News as WBBR. This will reportedly include a call change to WQEW! It hasn't been listed under Call Changes in AMS since it has not been officially filed yet, but this is a reminder for those who collect QSLs to catch this historic old call before it's too late!



THANKS: William Moser, Edward Lenzioszek, Tom Sanders, Inside Radio Fax Service and MSJ.

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

## National Radio Club Financial Statement

The following statement is for the year  
Oct. 1, 1991 through Sept. 30, 1992.

### Income Statement

Membership Dues	\$14,588.00
Domestic Log	7,592.34
Night Pattern Book	72.50
Antenna Manuals	383.50
Receiver Manuals	144.50
Anniversary Book	84.00
Reprints	2,506.25
New Member Book	237.00
Samples	62.00
Beverage Manual	156.45
Audio Service	2,675.95
Loop Manual	259.30
Convention Income	2,381.25
Miscellaneous Income	933.05
<b>Total Income</b>	<b>\$32,078.09</b>

### Expense Statement

Printing:	
Bulletin	\$8,582.57
Reprints	1,507.74
Domestic Log	6,156.30
Antenna Manuals	941.00
New Member Book	387.30
Administrative	294.58
	17,869.49
Postage:	
Bulletin	7,521.72
Sales	2,192.12
Administrative	759.91
	10,473.75
Administrative:	
Telephone	1,962.38
Information Purchase	227.65
Supplies	4,359.00
Sales Tax	855.96
Miscellaneous	2,376.90
Convention Expense	1,864.44
	11,646.33

Total Expenses . . . . . \$39,989.57

### Statement of Income (Loss or Gain)

Income (All sources) . . . . . \$32,078.09

### Bulletin/Publication Costs

Beginning Inventory	7,345.25
Printing	17,869.49
Postage	10,473.75
Less Ending Inventory	8,022.43
Net Costs	\$27,666.06

Profit or Lost . . . . . \$4,412.03  
Administrative Expenses . . . . . -11,646.33  
**Net Loss** . . . . . **-\$7,234.30**

### Balance Sheet

Assets	
Inventory	\$8,022.43
Cash	570.63
	\$8,593.06

Liabilities  
Deferred Dues . . . . . -7,006.70

**Net Worth** . . . . . **\$1,586.36**

We continue to keep club expenses at a minimum to keep annual subscriptions at their present rates, in spite of rising costs. Some abnormal expenses were incurred due to the abrupt turnover of control this past January and subsequent events. But these events are now behind us. The relatively low cash balance is due to fully paying for the 1993 *AM Radio Logbook* before yearend. Remember - your continued support for NRC products will enable us to keep overall increases to a minimum.

-Dick Truax  
Treasurer, National Radio Club

# Domestic DX Digest

North: Bill Hale

198 Creekview Drive - Meridian, ID 83612-3241

South: Duncan Shaw

4141 S. McCintock Blvd - Los Angeles, CA 90007

East: Dave Braun

11 Mill Bend Acres - Wyoming, DE 19934-9523



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

## DDXD-North

### MEDIUM WAVE RAMBLINGS

- A big DDXD-N Welcome to Alan Millmaker of Centralia, Illinois, who has some unIDs for us to decipher.
- Good news! I've persuaded my local SYSOP on whose BBS I'm a member to add the Broadcast Echo to his available message areas. So if you wish to contribute via FidoNet, please do. I'm at 1:347/17. Once again, the phone here is 208.888.7398. Call between 6PM and 10PM evenings. Or on the weekends. But I try to "go to press" by noon on Sunday.

### SPECIAL

- 570 **CKGL** ON Kitchener - 10/12 1325 - Good in Port Hope with C&W (ex:CHR), Blue Jays baseball promo and slogan *The station with more of Canada's best country music, the new 570, CKGL.* (TS-MI)
- 1160 **WCXI** MI Fenton - New call letters as of 10/15. *Flint* has been dropped from their legal IDs. Still C&W. (TS-MI\*)
- 1470 **WKMF** MI Flint - Now uses *K-101* slogans referring to their new FM sister at 101.7. WKMF has, in effect, become an FM station simulcast on AM. (TS-MI\*)
- WHRD** WV Huntington - 10/9 1905 - Formerly silent, now **back on the air**. Good, in 3WM null with tourist info and legal ID: *This is Information Radio, WHRD, Huntington.* (REH-ON)

### UNIDs and UNID HELP



- 512 **XKQ** ?? - 10/12 0120 - Unlisted NDB with CIDs at 8 second intervals using 1000 Hz tone. (REH-ON)
- 610 **UNID** ?? - 8/20 0550 - With call letters *WTBS*. Doesn't match anything in Log. (AM-IL)
- 680 **UNID** ?? - 8/20 0739 - With call letters *WOTZ* and slogan *Oldies 94.* (AM-IL)
- 930 **UNID** ?? - 8/16 0509 - With *North Shore Radio 930* ID. (AM-IL)

### DX AND EQUIPMENT TESTS

- 780 **WCKB** NC Dunn - 10/6 - No test heard. Only WBBM. (SA-MB)
- 840 **WBHY** AL Mobile - 10/12 - No test heard. Only WHAS. (SA-MB)

### TIS & OTHER STUFF

- 530 **WNWY930** OH Near Fremont - 10/6 1330 - Under CIAO with tourist info and ID: *You're listening to WNWY930, your tourist information station for Sandusky County located south of Exit 6 on the Ohio Turnpike.* (REH-ON)

### MIDNIGHT TO 0800 HOURS ELT

- 540 **CJSB** ON Ottawa - 9/28 0647 - Good with *On AM 540* and cable 88.7, *54-Rock, Ottawa's Best Rock* → rock music. (SA-MB)
- 550 **KMVI** HI Wailuku - 10/19 0531 - Good with ID, Sunday Night program, *Music of Portugal.* Female DJ. (JW-OR)
- 620 **KIPA** HI Hilo - 10/19 0546-0600 - Fair to good, over/under KGW with Talknet, PSA from Council on Aging, ID, news. (JW-OR)
- 790 **WSGW** MI Saginaw - 9/28 0655 - Fair with *The Mighty 790.* Local news and talk, under KFGO. New for me. (SA-MB)
- 830 **KIKI** HI Honolulu - 10/19 0527 - Fair to good with 1960s-type rock music, ID, and *AM Stereo 83 KIKI.* (JW-OR)
- 850 **KHLO** HI Hilo - 10/19 0700 - Fair to poor under KOA with C&W, ID, national news. (JW-OR)
- 860 **KPAN** TX Hereford - 10/3 0735 - Good with local items for sale plus local garage sales. (SA-MB)
- 870 **WWL** LA New Orleans - 10/19 0626 - Fair with ID, weather. Under KORD while tuning for KAIM (not heard). Rare here. (JW-OR)
- 1470 **KBSN** WA Moses Lake - 10/19 0745-0800 - Poor with easy oldies (not all NWS-TLK as in Log. Also sked different from Log). Promo for some stock market show *Tuesday and Thursday at nine AM here on KBSN*, then nice ID going into ABC-I News at :00. [Ed.-ID]
- 1490 **KEYG** WA Grand Coulee - 10/18 0638-0700 **tune-out** - Fading in and out for over an hour, but a clear *KEYG Grand Coulee* by a female announcer at 0700 and right → SNN News. [Ed.-ID]
- 1550 **KIWA** IA Sheldon - 10/11 0757 - Good with *KIWA* ID → instrumental music. (SA-MB)

### 0800 TO 1600 HOURS ELT

- 800 **CHAM** ON Hamilton - 10/12 With C&W, news at 1100. Good daytime signal in Cass City. (TS-MI)
- 900 **CHML** ON Hamilton - 10/12 1500-1525 Weak in WFDF splash with Blue Jays ALCS baseball. Along M-53 South of Bad Axe. Listening south or west of M-46 intersection is extremely difficult. (TS-MI)
- 1050 **CHUM** ON Toronto - 10/12 Equal strength with WPZA in Port Austin. Fair with WPZA underneath 1300-1325 between Port Hope and Harbor Beach. Oldies and *Ten-Fifty CHUM* non-IDs. (TS-MI)
- 1150 **CKMO** ON Hamilton - 10/12 1315-1355 Good in Harbor Beach. WCEN well underneath. *Oldies 1150* non-IDs and Hamilton ads, no CLs. (TS-MI)
- 1430 **CJCL** ON Toronto - 10/12 1330-1345 With sports features and promos for that afternoon's Blue Jays game. Weak but alone from Port Hope to Harbor Beach. (TS-MI)
- 1470 **WKMF** MI Flint - 10/12 1145-1200 Good daytime signal at 100 miles in Caseville. Is now *The New K-101* referring to 101.7 FM simulcast. Has now become an FM station duplicated on AM. (TS-MI)

*How to place mail orders ...*  
 Write to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164. Enclose check or money order; NY residents, add state and local taxes. Please allow 3-6 weeks for shipping.

1600 TO 2400 HOURS ELT

- 610 **CKTB ON** St. Catharines - 10/7 2130 - Good with *CKTB* ID in EE → easy listening music in SS and EE. (SA-MB)
- 1130 **CKWX BC** Vancouver - 10/6 2240 - Good with *KIWA* ID → instrumental music. (SA-MB)

REPORTERS

- REH-ON** Charles Reh Learnington, ON; R-390A + Sanserino Loop + TR-3000 open reel tape recorder
- SA-MB** Shawn Axelrod Winnipeg, MB; ICOM R-70 w/PLAM Board & 4 kHz filter + 4' box loop or 100' LWS
- JW-OR** Jack Woods Waldport, OR; ICF-2010 + Palomar Loop
- TS-MI** Tom Sanders On the road in locations listed in the thumb of Michigan; JVC car radio or \* in Davison, MI with same radio
- AM-IL** Alan Millmaker Centralia, IL; R-5000 + Palomar loop
- Ed.-ID** Editor, NSSZC/7 Meridian, ID; ICF-2010

ABBREVIATIONS AND SPECIAL SYMBOLS USED IN DDXD - North

|| :parallel with or to → :into :00: on the hour AC:Adult contemporary AP:Associated Press BBD:big band  
 BRN:Business Radio Net C&W:country & western CFL:Canadian Football League CHR:contemporary hit radio  
 CID:code ID CL:call letter ContChr:contemporary Christian EZL:easy listening EE:English FF:French  
 GOS:gospel IRN:Interstate Radio Net LSR:local sunrise LSS:local sunset NBA:National Basketball Assn  
 NHL:National Hockey League NFL:National Football League NPR:National Public Radio OC:open carrier  
 POL: political PSRA:pre-sunrise authority PSSA:post-sunset authority QRM:man-made interference QRN:natural  
 interference QTH:location REL:religious ROK:rock 'n' roll RS:regular schedule S:stereo SID:singing ID  
 SRS:sunrise skip SS:Spanish SSB:Star Spangled Banner SSS:sunset skip TC:time check TT:test tones UO:urban  
 contemporary UPI:United Press International

**610  
WTVN  
AM RADIO**

1301 DUBLIN ROAD  
COLUMBUS, OH 43215-7009

DDXD-East

NEWS AND VIEWS

We have a good mixture of reporters and logs this time, some good sunset conditions, especially the last week of September, are showing up in these logs. In fact, all of the regular logs this time are between 1600 and 2400!

It's good to hear from all of you, as the season proceeds I hope all of the members in this region will send in whatever logs they can. I appreciate your comments and questions regarding the column and DX'ing, keep them coming.

Jeff Kitz mentions that WCPC-940-MS sent him a 5-cent QSL card with an old 10-cent Thomas Jefferson Memorial stamp and four 1-cent American Kestral bird stamps on it.

SPECIAL

- 1470 **WHRD WV** Huntington - 10/8 1922-2000 Not silent; in with TIS information for WV. Interesting to listen to, with tourist attractions, history of WV coal fields, etc. ID's as "With 5000 watts, this is WHRD," "WHRD Visitor Information Radio." No sign of CHOW. (JK-VA)

DX AND EQUIPMENT TESTS

- 780 **WCKB NC** Dunn - 10/6 0530-0600 Poor with CID's and TT's. Barely made it over WBBM, CFDR and WABC splash. No voice ID's heard. (EU-NY)
- 1300 **KWCK AR** Searcy - 10/5 not heard. (EU-NY)...Not heard. (DB-DE)

1600 TO 2400 ELT

- 870 **WLAM ME** Gorham - 9/28 1923 Poor with Red Sox MLB sponsored by American Muffler. Under/over WCHU with NY Mets MLB. (EU-NY)

- 980 **WWRC DC** Washington - 9/29 1814 Good with discussion about media political bias. Phone in #202-882-WRC1 followed by ad for Bob Rosenthal Acura/Buick. (EU-NY)
- WXBQ VA** Bristol - 10/16 1851 Poor, under WWRC and one other, with car dealer ad (Chevy-Geo, etc.), ID into CW. (DB-DE)
- 990 **WVSC PA** Somerset - 10/5 1831 In good with CW, WVSC mentions. (JK-VA)
- WALE RI** Providence - 9/28 1954 Good with promo for "Talking Politics" show. Mixing with WZZD and others. (EU-NY)
- 1000 **CKBW NS** Bridgewater - 10/7 1728 Fair and alone with pop music, ID, bulletin board. Lost at 1730 probably due to pattern change. Local Leominster, MA station (WCMX) silent due to financial problems. (MD-MA)
- 1070 **WKOK PA** Sunbury - 9/29 1825 Good for a while with 70's oldies and jock Rob Senter(?) with promo for Jackie Meyers upcoming weather forecast. (EU-NY)
- 1120 **WKQW PA** Oil City - 10/5 1849-1855 In weak, mixing with tentative WUST, playing music by The Kinks. ID's as "The Oldies Channel." (JK-VA)
- WDFU VA** Duffield - 10/5 1857 In very weak with SSB signoff, mention of 1000 watts. (JK-VA)
- 1160 **WACY MI** Fenton - 10/8 2221 In briefly with "join me on your hometown radio station, WACY." First time in VA for MI #3 at this QTH. Mixing with WJJD/WAMB, not bad for 1 kw. (JK-VA)
- WAMB TN** Donelson - 10/8 2239 In fair with "It's 66 degrees in Nashville, and we are playing the music of your life." Over/under WJJD/WACY, WJJD dominant. (JK-VA)
- 1200 **WSML NC** Graham - 10/5 1818 In loud with "Piedmont News" TV simulcast, mentions of Burlington, "here on AM-1200 WSML." (JK-VA)
- WBZY PA** New Castle - 10/8 1902 In good with news, then "1200-WBZY" ID and Oldies. (JK-VA)
- 1220 **WKMT NC** Kings Mountain - 10/6 1935 In with commercials and WKMT mentions, prior to WKNR's dominant fade-in. (JK-VA)
- 1230 **WNOR VA** Norfolk - 10/6 2024 Getting out good with Pink Floyd music, FM-99 mentions. (JK-VA)
- 1240 **WRTA PA** Altoona - 10/5 1951 In fair with EZL/NOS music. (JK-VA) (Jeff, if you didn't hear an ID on this, my guess is WSNJ-NJ, a local pest here. New log shows WRTA as Talk - DB)
- 1270 **WMPM NC** Smithfield - 10/8 1845 In poor/fair with mentions of Smithfield at the end of a talk show, tentative signoff, which faded off. (JK-VA)
- 1300 **WERE OH** Cleveland - 10/8 2144-2150 In fair/good with "Checkpoint Weather on WERE from Bob Smirbeck at the Skywatch Weather Center," and sports talk show. A major pest in NY, but U3 pattern makes this a first timer for VA. No sign of usual WJFK. (JK-VA)
- 1320 **WARA MA** Attleboro - 9/28 1855 Popped up briefly with call letters over UNID REL station then gone again. (EU-NY)
- WKIN TN** Kingsport - 10/16 1833 Good briefly with weather forecast from the "WJCW-WKIN weather center." (DB-DE)
- 1330 **WADJ PA** Somerset - 10/9 2055 In good with Pittsburgh Pirates vs. Atlanta Braves, and "You're listening to Pittsburgh Pirates baseball on WADJ, Somerset." (JK-VA)
- 1350 **WBSK VA** Portsmouth - 10/8 1922 In poor/fair with Circuit City commercial, WBSK mentions and UC programming. (JK-VA)
- 1380 **WLRV VA** Lebanon - 10/8 2015 In almost at noise level with WLRV music jingle repeated twice, mentions of Russell Theater and Lebanon Funeral Home. On 63 watt night power. (JK-VA)
- 1420 **WCED PA** DuBois - 10/9 2040 Fair with "Classic 1420, WCED" during a break in a baseball game, under/over WHK. (JK-VA)
- 1440 **WVEI MA** Worcester - 9/28 1945 Fair with sports phone-in show featuring Patriot's quarterback Hugh Millen. (EU-NY)
- WZYX TN** Cowan - 10/6 1950 In fair/poor with WSMV-TV News, promo for WSIX-97.9-FM, over/under WAJR. (JK-VA)
- 1500 **WKER NJ** Pompton Lakes - 9/29 1659 Fair-good over usually dominant WFIF with Jim Day show and Michelle White with "KER Radio Advance Nightly News." First time here. (EU-NY)
- 1520 **WGAM MA** Greenfield - 9/29 1753 Very good with Satellite MoYL. Battling with WWKB after 1810. (EU-NY)
- 1530 **WJDM NJ** Elizabeth - 9/29 1722 Good under WDIZ with Christine Nagy and Shadow Traffic, ad cluster, and "The Greatest Hits of All Time, 15-30 WJDM." (EU-NY)

73, Bill

- 1570 WPGM PA Danville - 10/5 1659 Atop briefly with mention of Family Radio affiliation and FM simulcast. (EU-NY)  
 1600 WJQI VA Chesapeake - 10/9 2202 In fair/poor with mentions of "Joy 95" and a Circuit City commercial. Log lists 27 watts. No sign of usual WWRL/WBBD. (JK-VA)

### TIS

- 1620 WSNX5 VA Virginia Beach - 10/6 0635-0642 Enough audio broke through for a decent report, but couldn't quite make out call letters. Tape loop appears to have changed a little from when this was reported earlier this year; now ends with "You can call us... 437-4888. Have a great time while you're in Virginia Beach." Operator at this number suggested reports be sent to: Buddy Wheeler, 2100 Parks Avenue, Virginia Beach, VA 23451. (EU-NY)



### REPORTERS

- MD-MA Marc DeLorenzo, Framingham, MA: Car radio  
 JK-VA Jeff Kitzke, Dillwyn, VA: Sony CFM-140II AM/FM/Cassette, 100% barefoot  
 EU-NY Ed Urzi, Centereach, NY: R-5000, LW or Palomar Loop  
 DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop, Sony AN-1

### NEWS AND VIEWS

We have a good mixture of reporters for you this time, it seems that conditions have been good for most of us so far this year. If you hear something new, different or interesting why don't you share it with the rest of the members. It may help somebody ID an UNID of their's, and the favor may be returned! I look forward to hearing from you.

Laurence Kearley mentioned that all of his logs which are included are new ones for him.

A couple of local format changes this week, WMOM-1560 now playing SMN CW and just noticed last night that WDOV-1410 is now "News-Radio 1410" with CNN news.

### SPECIAL

- 640 WWJZ NJ Mount Holly - Station has been testing regularly both directional and non-directional. Most recently heard on 18 October throughout the afternoon broadcasting 1940's Big Band music with male voice identifications every 15 minutes. (SA-NJ)  
 760 WCHP NY Champlain - is on this frequency but is listed on 750 in the log. (LK-ON)  
 930 CKNS ON Espanola - is also ID'ing as "North Shore Radio." (LK-ON)  
 1370 CKOD PQ Valleyfield - 10/12 0600 is no longer silent as listed in the log and is playing EE and FF rock, at least they were at this time. (LK-ON)  
 1410 WDOV DE Dover - 10/25 0147 noted with CNN news and ID as "News Radio-1410." Promo for station mentioned names who were previously on WKEN before they changed owners. Checked this afternoon (10/25) and this seems to be a full-time change, still carrying CNN news. Mentioned they have local news from 0600-0900 and 1500-1800. At least 1400 and 1420 are somewhat listenable now! (DB-DE)  
 1430 CJCL ON Toronto - is now all sports 24 hours a day and is ID'ing as "Sports Radio - The Fan, 1430." (LK-ON)  
 1560 WMOM MD LaPlata - 10/20 1107 noted with new CW format and SMN news, "Country music lovers always listen to mom, 1560-AM WMOM." (DB-DE)

### 0000 to 0800 ELT

- 850 WYLF NY Penn Yan - 10/8 0632 ID as "AM 850 WYLF" then a 1970's oldie. Tentative on 10/6 with news about Rochester but no ID heard. (JB-CT)  
 920 WMNI OH Columbus - 10/10 0642 Up briefly out of the QRM with "...here on WMNI" and into CW song, "If it Hadn't Been You." Severe fade. (LK-ON)  
 950 WXGI VA Richmond - 10/11 0630 Gospel music with "Hometown gospel on WXGI" then another gospel song "I've Got a Key to the Kingdom." Very strong with some QRM and fade. (LK-ON)  
 1230 WQDY ME Calais - 10/15 0600 Up out of the mess came a female voice with "WQDY, the Voice of the Valley." New here. (JB-CT)  
 1240 WVOS NY Liberty - 10/13 0612 Poor signal but a good clear ID as WVOS, also same on 10/14. New here. (JB-CT)  
 1250 WIPS NY Ticonderoga - 10/16 0630 Heard "Right here on AM 1250 WIPS" then "WIPS news sponsored by:" and several advertisers mentioned. New here. (JB-CT)

- WLEM PA Emporium - 10/13 0627 Heard mention of WLEM and WQKY and then a traffic report. Weak signal among many others. New here. (JB-CT)  
 1280 WWOK IN Evansville - 10/24 0032 Fair with ID, into NOS over/under WADO. Presumed to be the one heard 10/25 at 0145 with "This is the original hits station, bringing back great music" into NOS. (DB-DE)  
 1300 WSYD NC Mount Airy - 10/24 0100 Poor under WJFK with ID into NBC news - were they the one with King earlier? (DB-DE)  
 1380 CKPC ON Brantford - 10/12 0615 The weather followed by "It's 9 degrees (celsius) in Brantford at 0615 on CKPC" then a Carly Simon song. Over/under CKLC, CFDA and others (LK-ON)  
 1480 WCNS PA Latrobe - 10/12 0640 Tentative ID with local ads and weather and a call ID which sounded phonetically like "WCNS" but difficult to tell due to the jumble of stations, especially WHBC. (LK-ON)  
 1520 WWKB NY Buffalo - 10/25 0149 noted off. Weak station was in, but could not make out any of the talk across the hour, probably KOMA. (DB-DE)

### 1600 TO 2400 ELT

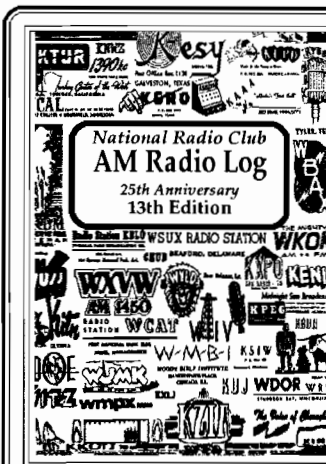
- 580 WCHS WV Charleston - 10/15 2047 Heard "WCHS Sports Radio 58" musical ID, ads mentioning Charleston, then sports call in program. New here. (JB-MA)  
 1000 WRNJ NJ Hackettstown - 9/30 1702 Local news and sports, then weather and ads mentioning Hackettstown. Several WRNJ ID's and a musical ID. Very strong, new here. (JB-MA)  
 1250 WGHB NC Farmville - 10/13 2126 Many Farmville business ads with 5-6 WGHB ID's after a religious program. Nice signal, new here. (JB-MA)  
 1290 WBNF NY Binghamton - 10/20 2347 Accu-weather forecast on tape with current info given live, ID, into Talknet. (DB-DE)

### REPORTERS

- SA-NJ T.J. "Skip" Arey, Waterford Works, NJ  
 JB-CT Jim Bagge, North-central CT: Delco Car Radio  
 JB-MA Jim Bagge, Springfield, MA: HQ140, Quantun Loop  
 LK-ON Laurence Kearley, Orleans, ON: Sony ICF-SW1, Select-a-tenna  
 DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop

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

but the NRC Log, 13th Edition is, simply, the best there is because of your contributions. Why not make the updaters and 14th edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831. Thanks!



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# International DX Digest

*Foreign DX Catches. Times are UTC; for E.L.T., subtract 5 hrs.*

We have an incredible turn-out of IDXD reporters this week, from the Tropics to the Arctic Circle, with logs on 47 different countries! Looks like lots of people (except me) are hearing TAs this season. The Manitoba crew heard 36 TA hets, a few of them with exceptional audio, also some intriguing hets on their North-South antenna on 535, 655, 895, and 965. (I wonder if El Salvador is still on 655?)

Welcome to Jeff Lewis from Kansas City, who proves that foreign DX is not only possible but highly rewarding from the Plains, and to Evan Newlon in the US Virgin Islands. Evan, don't worry if you have trouble with languages. There's nothing wrong with being tentative, eventually you'll learn to spot identifying phrases and other distinct features, but do try to give the exact time for each logging. Even though they are international DX to you, please submit your US-Canadian loggings to DDXD-South.

All entries received by Friday (and some on Saturday) get into the next IDXD, the others are held over a week. I am very happy to see all of the reporters this week!

## PAN-AMERICAN *Jim*

530 COSTA RICA TICAL, Cartago, 10/6 2005-2021 - Spanish music, Spanish talk and organ music (religious?), poor-to-fair, fading into morse code. [DT\*JAM]

595 DOMINICA 10/7 0100 - Best in a while. [BD-PA]

660 ST. LUCIA Castries, 10/14 0023-0200+ - Fair/good with Island music, then 0025 into phone-in discussion of French Creole/Spanish/English language instruction for students. Occasional commercial for desk-top publishing service. Phoned station and learned they now run 25 kW directional NE and N and that I was the most distant North American listener, although they have been heard in Sweden. My best catch ever for distance. Lost after 0200 to two unidentified Spanish language stations. [JL-MO] (Very nice! - Jim)

## Jim Renfrew

61 Wilcox Street  
Rochester, NY 14607-3832

700 JAMAICA JBC R. One, 10/17 0125 - Excellent signal here with reggae music by "Little John" etc, English male announcer with R. One IDs. [JF-NY]705 ST. VINCENT 10/18 0030 - Quite strong. [BD-PA]

720 UNID 10/12 1033 - Spanish language under WGN, at first reading numbers, possibly lottery results. [DX\*MB]

730 CUBA R. Progreso (listed La Fé, Isla de Juventud), 10/18 0523 - Noted with music program, weak under CKAC and XEX, but definitely parallel to Progreso 740, 860 and 880. This is a new one for me. [JR-NY]

760 GUYANA Georgetown, 9/19 0254 - Accented English talk, mixed with Spanish stations and a Portuguese (probably Fortaleza, Brazil). [MC-MA]

770 COLOMBIA Bogotá 10/12 0230 - Noted after this time, sometimes in the clear, sometimes over another Spanish language broadcast. [DX\*MB]

780 BRITISH VIRGIN ISLANDS, ZBVI, Tortola, 9/19 0251 - Dub/dancehall reggae, interspersed with Carib English DJ talk, good. [MC-MA] 10/15 2312-2345 - Very strong atop frequency, had financial news from London and old standard pop tunes. I haven't heard this one in years. [BD-PA]

800 NETHERLANDS ANTILLES PJB Bonaire, 9/19 0228 - English preaching, great signal, alone on channel during auroral conditions. [MC-MA]

830 ST. KITT'S & NEVIS - Radio Paradise still? You can't help hearing this one. Seems best early evenings. As noted by others, non-stop preaching and no IDs on the hour. [BD-PA] 10/15 0507 - Preaching in English // 7510, totally dominant. Between these guys, CFJR and YVLT you can pretty much forget that WCCO exists at this location. [MC-MA] (I'm hearing Belize more than WCCO here! - Jim)

860 BRAZIL ZYJ459 R. Mundial, Rio de Janeiro, 10/11 2204-2235 - Brazilian and US pops and dance music, clear "Mundial" jingles and IDs at 2214; mixing with but generally over R. Cidade. SIO 332. [JB-NF]

870 COLOMBIA HJSB, R. Mar Caribe, Barranquilla, 10/11 0207-0217 - Fair with male DJ speaking Spanish, ID as "Mar Caribe", lively Spanish vocals, mixing with WWL, more Spanish pop music. [RSR-ON]

889.9a UNID 10/22 0454 - R. Continental ID, Spanish talk, romantic music. There are 2 stations listed with R. Continental slogan: HJCE Bogotá and HJJP Santo Domingo. HJJP seems more likely. Fierce Algeria-891 QRM, some WCBS slop, and occasional WLS/LA co-channel QRM. [MC-MA]

910t DOMINICAN REPUBLIC HICB, R. 910, Bonaio, 10/11 0217-0300 - Good with Spanish group vocals, "Aquí La Música de ???", Spanish ballads, music jingles, ID as "R. Novecientos Diez", many IDs, mention of "Dominicana" at 0259, more jingles and IDs, new if indeed them! [RSR-ON] (WRTH says they sign off at 0300, perhaps César Objfo can help you on this one? - Jim)

910 CUBA R. Reloj, Bolondrón (listed site), 10/25 0630 - Tick-tock sounds made it through CKLY. [JR-NY]

930 CUBA R. Reloj (4 sites listed), 10/18 0531 - Good in mess with usual news program and clock ticks. [JR-NY]

940 MEXICO La Q Mexicana, Mexico City, 10/4 0601-0616 - Very good with ID as "Aquí R. La Q", gave frequency and power, Spanish ballads, IDs as "La Q", Spanish vocals and instrumental music. [RSR-ON]

1010 DOMINICAN REPUBLIC HJJP Santo Domingo, 10/9 2308-0000 - Spanish announcements, music, singing ID as "R. Comercial", fair, fading, little interference. [DT\*JAM]

1040 COLOMBIA unID 10/16 0005 - Two Spanish male announcers with many "Radio Tropical" IDs and Spanish pop music. Some mentions of Panama. Transmitter trouble with power drops and 1 kHz test tones over announcers. [JF-NY] (Heard by me the following night. There used to be a R. Tropical out of Barranquilla, Colombia - Jim)

1060 MEXICO R. Educación, Mexico City, 10/18 0537 - Good in KYW null with music parallel to 6185 shortwave. [JR-NY]

1090 ST. LUCIA 9/19 0304 - French news by woman, good, dominating channel. [MC-MA]

1100 ANTIGUA St. John's, 9/19 0324 - Rap and reggae, announcer mentioned Antigua, good signal. [MC-MA] 10/10 2221-2300 - Old electronic ID "Z-D-K", poor, fading, into unID Cuban. [DT\*JAM]

1160 BERMUDA VSB3 Hamilton, 9/19 0309 - BBC news, then religious discussion, parallel to 5975, 6175, 6180, 6195 kHz et al; good (alone on frequency). [MC-MA]

1160 DOMINICAN REPUBLIC Santiago, 10/11 2148-2200 - Play-by-play baseball, Puerta Plata mention, crowd sounds, poor, fading. [DT\*JAM]

1170 UNIDs 10/22 0415 - Black gospel religious station, possibly of Caribbean origin, over/under WKPE "Oldies 104" (MA) with WWVA phased. A Spanish station popped up briefly, then the channel went to a big graveyard-like pile with WKPE sometimes dominant. WKPE seems to be on some nights, off on others. [MC-MA]

1210 MEXICO Colima, 10/11 2346-0003 - Spanish music (semi-classical), Mexico mention, fair. [DT\*JAM]

1375 ST. PIERRE & MIQUELON 9/19 0331 - Excellent with man in French. 10/4 0458 - Classical music, excellent, het from France 1377. [MC-MA] 10/8 2100-0130 - Man in French, fair. [EN-USVI] (France is on 1377, if you're not sure that it was St. Pierre - Jim)

1560.65 UNID 10/12 0529 - Spanish (not Cuban R. Reloj) on the high side of the channel with WQXR off and only a feeble WPAD/unID LA mix on 1560 and France-1557 as QRM. [MC-MA]

1580 MEXICO La Grande de Sonora, Hermosillo, 10/25 0602 - ID, ads, team and player names during baseball game, very good in CBJ null. [JR-NY]

1610 ANGIILLA The Valley, 10/4 0504 - Big band medley instrumental, then audience participation show in English. It didn't seem to have any religious orientation to it. Signal good, but hetted strongly by Vatican 1611. [MC-MA]



## TRANS-ATLANTIC

- 153 ALGERIA RTV Algerienne, Bechar, 10/3 0132-0140 - Poor with string/flute music and man with Arabic vocals. QRM from oscillating noise, flutes piercing through noise. Retune at 0149 gave stronger signal. [RSR-ON]
- 684 SPAIN Sevilla 10/5 0315 - Man in Spanish into pop song in Spanish also; just a little QRM, good signal, best TA so far this season. [CV-FL] 10/8 2100-0130 - Spanish man and music. [EN-USVI]
- 702 MOROCCO Sebaa-Aioune, 9/4 2355 - Good signal from Berber program. [BD-PA]
- 711 MOROCCO Laayoune, 10/11 0528 - Arabic-sounding string music in bad slop. [MC-MA]
- 765 SENEGAL Dakar 10/6 2352 - Fair signal of music with an unfamiliar language. [CV-FL] 10/16 0025 - Noted in passing with excellent signals, African music program. [JF-NY]
- 774 SPAIN synchros, 10/3 0518 - Spanish folk vocal parallel 1107, 1125 others. Poor-to-fair, low band not as good as the above 1000 kHz end. 10/4 0416 - Woman in Spanish, good to peaks. [MC-MA]
- 837 UNID 10/3 0525 - Strong but generally unintelligible jumble with Spain, Canaries, Azores, France and who knows what else clanking around in there. [MC-MA] 10/5 0225 - Threshold audio yielded unidentifiable language, due to QRM, sounded possibly Portuguese. [CV-FL]
- 837 AZORES Barossa, 10/4 0415 - Man in Portuguese dominating this often unruly channel. [MC-MA]
- 846 ITALY Roma 9/28 0127 - Nocturnal music program in clearly. [BD-PA]
- 855 SPAIN Murcia et al, 10/4 0412 - Man and woman in Spanish, fair in partially nulled WHDH slop. [MC-MA] 10/5 0230 - Spanish man with telephone caller, poor-fair signal. [CV-FL]
- 891 ALGERIA Algiers, 9/19 0237 - Arabic talk by woman, then Arabic violin music. 9/29 0424 - Arabic music at low audio level on good carrier. TA's poor to mediocre tonight. 10/3 0521 - Arabic music, strong carrier, light audio. 10/4 0410 - Good with male Arabic chant. [MC-MA] 10/5 0342 - Man in Arabic, weak in strong het.
- [CV-FL] 10/16 0418 - Arabic male group vocal with drumming, good. Most TAs below par tonight. [MC-MA]
- 918t SPAIN 10/4 0430 - Possible Spanish talk, poor in CJCH/WHJJ hash. [MC-MA]
- 954 SPAIN Madrid, 10/4 0434 - Good with rock music, then fast Spanish talk. [MC-MA]
- 981 ALGERIA Algiers, 10/17 0530 - Het, bits of Arabic music, big carrier but shallow audio. [MC-MA]
- 999 SPAIN MADRID, 10/4 0433 - Man in Spanish, good to excellent, come CKBW-1000 slop. 10/17 0529 - Man in Spanish fair to good through CKBW slop with WLUP phased. [MC-MA]
- 1008t CANARY ISLANDS Las Palmas, 10/16 0115 - The one presumed here with great audio of English pop music and Spanish male announcer. [JF-NY]
- 1044 MOROCCO Sebaa-Aioune 9/28 0110 - On top of frequency with Arabic music. [BD-PA] 10/8 2100-0130 - Man speaking in Arabic, music, fair. [EN-USVI] 10/17 0030 - Long program of Arabic music, not much else, best signal in quite a while. [JF-NY]
- 1053t MOROCCO 10/8 2100-0130 - Man in Arabic. [EN-USVI]
- 1062 PORTUGAL Norte 10/4 0438 - Portuguese pop vocal, poor-to-fair in bad WBIV/KYW/CJRP slop. 10/17 0522 - Man in Portuguese to good peaks. [MC-MA]
- 1098 SPAIN and/or CANARY ISLANDS, 10/4 0444 - Spanish talk atop carrier pile, some WWWE/ZDK slop. [MC-MA]
- 1107 SPAIN RNE-5 synchros, 9/28 0140 - Good with soft pop music and lots of talk at this time and later; no Egypt at this moment. [BD-PA] 10/3 0513 - Spanish male operatic vocal parallel to 1125 badly slopped by WBT/WHIM/CKTY rabble on 1110. 10/4 0447 - Fast Spanish talk over SAH's. [MC-MA]



- 1107t EGYPT 10/8 2100-0130 - Islamic music, fair. [EN-USVI]
- 1125 SPAIN synchros 10/3 0517 - RNE5 parallel 1107, male Spanish folk vocal and guitar, Moorish influence in musical style. 10/4 0449 - Spanish talk and music in WNEW slop. [MC-MA]
- 1134 UNID 10/12 0110-0131 - Spanish, first two male announcers then just one, no ID found so far. [DX\*MB]
- 1162 UNID 10/12 0106 - English male vocal momentarily at nice volume then faded. [DX\*MB]
- 1179 SPAIN 10/4 0453 - Plaintive Spanish vocal, poor in QRM from Cuba/WHAM-1180. [MC-MA]
- 1179 SWEDEN 10/12 2324 - Noted in English after 2330, no sign of WHAM. [DX\*MB]
- 1251 LIBYA Tripoli, 9/28 0120 - Clear with man in Arabic, signals from this one occur most nights. [BD-PA]
- 1314 NORWAY 10/8 2100-0130 - Man in Norwegian, music, good. [EN-USVI]
- 1332 ITALY Rome 9/8 0407 - In with readable signal, rare here. [BD-PA]
- 1359 MELILLA (Spanish enclave in Morocco, counts as separate country) 10/4 0457 - het. [MC-MA] 10/15 0145-0212 - This was just rolling in with pop music (including "Smoke Gets in Your Eyes"), time pips, and male and female announcers in Spanish, part of RNE. [BD-PA] 10/15 0450 - Good to excellent, one of the louder TAs tonight! Romantic-style Spanish vocal, then talk by man. [MC-MA]
- 1367 ANGOLA Luanda, 10/15 0448 - Bits of vocal, good strength carrier on old plan channel. [MC-MA]
- 1395 UNID 10/11 2225 - Female vocal in English followed by female announcer "Bon Jorno (garbled, probably not English) thank you for being with us on ???" Carrier seemed to disappear after 2230 but was noted again at 2350. [DX\*MB] (Albania is now relaying Transworld Radio programs, 2030-2130 beginning October 1st, expanding to additional hours - Jim)
- 1467 MONACO 9/8 0400 - in German. 10/8 2100-0130 - Man in Arabic, music, fair. [EN-USVI] (Evan, there is no MOROCCO station on 1467, perhaps you were hearing this one. TWR broadcasts with different languages - Jim) 10/18 2345 - With religious talk in American English. I think the reason that this station is heard less is that it uses directional patterns. Transmitter may be in France, but its still Monaco to me. [BD-PA] 10/11 2350 Back to God hour in English ending about 2357 with Chicago and after a pause a UK address. End of transmission at about 0000 with English schedule details in British summer time and "Until tomorrow on behalf of all the staff here at TransWorld Radio Monte Carlo this is Duncan (?) Robertson (?) saying goodnight". [MB\*DX]
- 1476 UNID (presumably AUSTRIA) 10/11 2305 - German talk, probably news with reference to Bosnia-Herzegovina, faded before 2330. [DX\*MB]
- 1494 UNID (RUSSIA presumed) 10/11 2245 - Instrumental and vocals with slavic, presumably Russian, announcements. No ID recognized. Parallel with 1386 at 2342 with male vocal. Audio at times excellent, almost local like. [DX\*MB] (You may be hearing R. Ala - Jim)
- 1512 SAUDI ARABIA Jeddah 9/11 0050 - Very strong with Arabic singing, better than 1521 at the time. [BD-PA]
- 1521 SAUDI ARABIA Duba, 10/18 0328 - Excellent with a capella male Arabic vocal, then Arabic talk. Peaking better than S9 + 20; WWKB residual het phased out totally. [MC-MA]
- 1530 VATICAN 9/27 0418 - Vatican mention, Slav or Albanian-sounding talk, just under WCKY. 10/3 0459 - Vatican Interval Signal good, cutting through WCKY. [MC-MA] 10/12 0020 - In the clear when tuned with instrumental music. ID in Italian (?), English (male announcer - "this is Vatican Radio keeping you company through the night"), French (female announcer), followed by female announcer first in Italian (?), then French. Faded quickly. [DX\*MB] 10/18 0336 - Folk-style instrumentation (almost Irish-sounding), then Albanian talk by man with mentions of Christ. Perfect copy with WCKY phased. SHortwave parallel noted on 6245 - this should help those trying to determine that foreign programming on 1530 is really Vatican. [MC-MA]



- 1539 GERMANY Mainflingen, 9/29 0421 - Good with bouncy Alpine music with German female vocal. [MC-MA]
- 1544 UNID 10/10 0626 - Fair signal of man in Spanish, looped ESE. [CV-FL] 10/16 0045 - Program of music similar to Senegal with male announcer. Thought parallel 4838 Mali with very similar sounding program. Fade-in just after 1566 Tunis, sign off at 0100. No sign of 1521 Saudi, but 1044 Morocco strong. Not here last season. [JF-NY] (Likely the clandestine in West Africa "Voice of Democratic Sahara" that others have been hearing, see DXN 60-2 - Jim)
- 1557 MALTA Cyclops, 10/15 0430 - Deutsche Welle relay strong, though slopped heavily by WQXR. Man and woman in Arabic // 6025. [MC-MA]
- 1566 TUNISIA Tunis, 10/17 2250 - Long selections of Arabic music, parallel 7475 kHz shortwave. [JF-NY]
- 1575 GERMANY Burg 9/4 0340 - Best TA on dial with woman in German and classical music. [BD-PA]
- 1575 UNID/SPAIN 10/3 0449 - Powerhouse open carrier atop Spain station that was parallel 1584. 10/4 0510 - Same deal. 10/15 0438 - Spanish talk // 1584, fair. [MC-MA]
- 1575 ITALY synchro 9/11 0240 - clearly heard on top, didn't last long. [BD-PA]
- 1575 SPAIN Cordoba SER, 9/11 0307 very good signal. [BD-PA]
- 1584 SPAIN 9/22 0340 - Man in Spanish good despite weird fluttery fading pattern tonight. Synchronous detector on R8 helped. 9/27 0406 - Good with Spanish talk. 9/30 0403 - Man and woman in Spanish, over others. 10/3 0447 - Man in Spanish, good, some slop from CBJ-1580. 10/15 0437 - Spanish teletalk show, good. The R8 synchronous detector does wonders on this choppy channel. [MC-MA]
- 1593 GERMANY Langenberg, 9/27 0405 - Good with German news by man. 9/30 0348 - Man in German, fluttery fades. 10/3 0446 - Rock music, fair. 10/4 0511-0515 - Loud entertainment, quality signal with 1950's R&B hit "60 Minute Man", then a mid-60's garage rock hit, followed by MoR vocal and German talk. 10/11 0523 - Loud with

techno-rock and industrial disco resembling music in the Saturday Night Live "Sprockets" spoof of German TV. [MC-MA]

1602 SPAIN 10/15 0442 - Bits of Spanish talk in WUNR slop. [MC-MA]

1611 VATICAN 9/29 0359 - Talk by man and woman, then chimes, good. QRM from Anguilla was lessened by cranking the MWT-3 regen. tuner almost to the oscillation point. 10/3 0453 - Brief Vatican R. ID, then talk by man (Slavic?); fair to good, slopped by Anguilla. [MC-MA]

#### TRANS-POLAR

- 567 RUSSIA R. Russia, Volgograd, 10/10 1823 - Instrumental music program with male announcer, Russian message, then English message to advertise on R. Russia, address given as R. Russia, Moscow, telephone 250-1250, only noted on this frequency. [BV-NWT]
- 828 CHINA PBS Beijing, program 1, 10/4 1530 - Woman with clear ID, station seems to play mostly band music, similar to 1940's when noted here. [BV-NWT]
- 891 RUSSIA Pravaya-Khetta (?), 10/10 1743 - USA Top 40, many English IDs but woman announcer only talked Russian, also announcement by Elton John "You're listening to Western One Radio Network", only this frequency noted at 1803, parallel 180 and 243 longwave; 1755 Moscow address given. [BV-NWT]
- 1010 VIETNAM Hanoi FS, 10/10 1453 - Woman with lovely music, still on this frequency. Indonesian listed. [BV-NWT]
- 1125 RUSSIA St. Petersburg (?), 10/10 1858 - Radio Moscow English service with ID. [BV-NWT]
- 1147 PHILIPPINES VOA, Poro, 10/4 1507 - Male and female announcers with a Chinese program. 1701 Yankee Doodle Interval Signal; was on 1147 not 1143; the latter has a very strong station from South Korea. [BV-NWT]
- 1323 GERMANY R. Moscow, Wachenbrunn, 10/9 0511 - Male with English service, "Update" program. Still here. [BV-NWT]



- 1404 IRAN Rasht, 10/10 2005 - English service asking for donations for Bosnia, 2006 Prophet of Islam, 2016 Science and Faith, 2029 address and mention of 2 shortwave frequencies and 1404 which serves northwest Asia and Eastern Europe, good signal at times. Times Correct. [BV-NWT]
- 1476 UNID 10/10 2036 - Male with Arabic talk, this noted a few times, and likely United Arab Emirates (ex-1481 kHz). [BV-NWT]
- 1548 SRI LANKA Deutsche Welle, Trincomalee, 10/10 1639 - English service, UN Development program, then Village in Society. Noted a few times of late. [BV-NWT]
- Brian speaks: "Lots of Trans-polar DX. The English R. Moscow service on 1125 kHz was picked up best on my northern antennas, so maybe a station in Asia, but not sure. Have just listed the unusual and some that may be of interest. Lots of Chinese, North and South Korean, Pakistan (tent), India 1071, the Foreign Service from Urumqui 1107 is incredibly strong here. The incredible thing is that it's still daylight during the day, and yet DX is still coming in over the pole. Unfortunately, I work 6 days a week, so can only DX usually daytime on Sundays. A long weekend (Canadian Thanksgiving) really made an exciting 3 days.

#### STATION NEWS

- AUSTRALIA: 2KO 1413 and 2KA 783 moving to FM. 3YB 882 now 2 kW. 3BO 945 and 2CO to move to FM, date uncertain. [C. Hambly, R. Copeman, I. Stanley in DX Australia 10/92]
- ST. LUCIA: Castries 660 now running 25 kW NE & N. [Station via JL-MO]

#### CONTRIBUTORS

- [JL-MO] Jeff Lewis, Kansas City MO; Grundig Satellit International 400, Shotgun antenna // Select-A-Tenna (but also barefoot).
- [RSR-ON] Robert S. Ross, London ON; Collins 651S-1, Kenwood TS440S, dipoles & longwires.
- [CV-FL] Chris Vito, Plantation FL; ICOM R-70, Balun Loop
- [JB-NF] Jean Burnell, St. John's NF (item left out of previous column)
- [JR-NY] Jim Renfrew, Rochester NY; HQ-150, Sony ICF-2010, Radio West Loop
- [DT\*JAM] Don Trelford, Runaway Bay, Jamaica

- [BD-PA] Ben Dangerfield, Wallingford PA
- [JF-NY] Jim Fedor, Brewerton NY
- [BV-NWT] Brian Vernon, Nanisivik NWT (Baffin Island); Drake R7A, 2 1000' longwires (north), and 1 400' longwire (west).
- [DX\*MB] George McLachlan, Dave McBride, Barry Wasylik, near Lewis MB; NRD 535D and R7, beverages (including 800' untermated beverage aimed at central Europe.
- [MC-MA] Mark Connelly WA1ION, Billerica MA; Drake R8, 20m wire and 37m wire with noise reducing transformers to MWDX-5 Phasing Unit and MWT-3 Regenerative Preselector.
- [EN-USVI] Evan Newlon NP2EE, St. Thomas USVI; Kenwood R2000 with 3' box loop and Magnavox D2935 with built in loop.

#### VIRGIN BANDSCAN

- 535 R. Grenada
- 540 UNID Spanish
- 555 St. Kitts
- 580 WKAQ, Puerto Rico
- 595 Dominica
- 610 WEXS, Puerto Rico
- 620 Antigua
- 630 WQBS, Puerto Rico
- 640 Guadeloupe
- 660 St. Lucia
- 670 UNID Spanish
- 680 WAPA, Puerto Rico
- 690 Anguilla
- 705 St. Vincent
- 710 WKJB, Puerto Rico
- 720 UNID Spanish
- 740 WIAC, Puerto Rico
- 760 WORA, Puerto Rico
- 780 ZBVI
- 810 WKVM, Puerto Rico
- 830 UNID Spanish
- 840 WXEW, Puerto Rico
- 860 UNID Spanish
- 870 WVOZ, Puerto Rico
- 885 Montserrat
- 895 St. Kitts
- 900 Barbados
- 910 WPRP, Puerto Rico
- 930 Montserrat
- 950 UNID Spanish
- 970 WSTX, US Virgins
- 1000 WYWI, US Virgins
- 1030 WOSO, Puerto Rico
- 1060 WCCB, Puerto Rico
- 1070 WMIA, Puerto Rico
- 1090 WGGD, US Virgins
- 1100 Antigua
- 1110 WVJP, Puerto Rico
- 1120 WMSW, Puerto Rico
- 1140 WQII, Puerto Rico





- 1160 WBQN, Puerto Rico
- 1165 Antigua
- 1180 UNID
- 1190 WBMJ, Puerto Rico
- 1200 AFRN, Puerto Rico
- 1210 WHOY, Puerto Rico
- 1230 WNIK, Puerto Rico
- 1240 WALO, Puerto Rico
- 1280 WCMN, Puerto Rico
- 1290 WRRR, US Virgins
- 1300 St. Maarten
- 1320 WUNO, Puerto Rico
- 1340 WSTA, US Virgins
- 1370 WIVV, Puerto Rico
- 1390 WISA, Puerto Rico
- 1400 WIDA, Puerto Rico
- 1410 Saba
- 1420 UNID
- 1430 WNEL, Puerto Rico
- 1440 UNID Spanish



- 1460 UNID Spanish
- 1470 WKCK, Puerto Rico
- 1480 WMDD, Puerto Rico
- 1500 WMNT, Puerto Rico
- 1505 Anguilla
- 1520 WRAI, Puerto Rico
- 1540 UNID Spanish
- 1560 WRSJ, Puerto Rico
- 1580 UNID Spanish
- 1600 WLUZ, Puerto Rico
- 1610 Anguilla

Bandscan submitted by Evan R. Newlon NP2EE, St. Thomas, US Virgin Islands. He also notes that "930 Montserrat is on the air full-time. For a while they did VOA and some local programs part-time. They seem to be full-time. I have heard VOA programs morning and BBC evening."

## Domestic DX Achievements

Domestic DX totals listed periodically in different categories

**Donald Erickson**  
6059 Essex Street  
Riverside, CA 92504-1599

Yr	Up	Name, location	TDR	SH	PH	TDT	ST	PT	TDV	SV	PV
26	92	Kermit Geary, eastern PA	5575	50+	10	2487	48+	9	5161	50+	10
31	89	Sid Steele, eastern IL	3300	49E+	10				2946	49+	10
30	90	Frank Wheeler, nw PA	2507	50+	9	232	34+	3	1708	50+	9
70	92	Stephen Francis, nr Knoxville	2475	46+	7						
46	89	Hank Holbrook, Annapolis, MD	2161V	50V+	10V				2161	50+	10
60	90	Andy Rugg, Montreal & sc Ont.	1472	47+	10	144	27+	7	1445	47+	10
64	89	Wayne Heinen, all locations	1374	49+	9				1241	49+	9
63	92	Ray Arruda, nr Boston, MA	1350	47+	9				1050	47+	9
85	92	Shawn M. Axelrod, Winnipeg, Man.	1309	44+	9						
60	90	Andy Rugg, Montreal, PQ	1304	47+	10	144	27+	7	1281	47+	10
62	92	Ron Musco, vic Hartford, CT	1274	46+	9YT	105	28	3	1148	46+	9
62	90	Marc DeLorenzo, eastern MA	1124	45+	9						
68	92	Thomas White, nr Washington, DC	970	39+	7				243	38+	7
76	89	Jim Renfrew, Rochester, NY	950	43+	9	68E	27E	5E	161	37+	6
75	89	Wayne Heinen, Colo. Front Range	927	40	7				873	40	7
82	92	Bob Harrison, northeastern NJ	823	35+	7				570	35+	7
82	89	Bob Smolarek, nc NJ	817	36+	5	78	16	5	7	7	0
75	92	Paul Swearingen, e KS	585	43+	6	585	40+	5	1	1	
75	89	Stephen Ponder, Shreveport, LA	769	39+	5	10E	4	4	721	39+	5
67	89	Jim Renfrew, New Canaan, CT	721	39+	8				247	35+	7
81	89	Rick Dau, Oakland, IA	700	40	6	32	8	0	42	16	2
87	89	Jeff Tynan, Parker, CO	674	36	5				128	27	5
71	89	Jim Renfrew, Severna Park, MD	553	36+	5				15	8	1
61	89	Donald Erickson, Riverside, CA	508	36	6				247	31	5
81	89	Eric Bueneman, MO & GA	415	39+	5				276	34+	5
78	89	Jim Renfrew, Raleigh, NC	329	27+	2						
81	89	Eric Bueneman, metro St. Louis	315	38+	5				233	34+	5
79	92	Bruce Winkelman, Tulsa, OK	284	30	2						
87	89	Rick Dau, Iowa City, IA	261	27	4	8	5	0	11	5	0
78	89	Jim Renfrew, New York, NY	242	32+	2						
84	89	Jim Renfrew, San Diego, CA	164	17	3						
88	89	Eric Bueneman, Woodstock, GA	100	25+	3				43	16+	2
90	92	Bob Gilfert, Virginia Beach, VA	27+	5					51	21	4

Yr=Year Started Up=Year of last update +=Washington, DC YT=Yukon Territory V=Verified totals used in heard column to maintain proper sequence. All Domestic DX Achievements information was recently transferred from a CP/M Kaypro computer to the database program, Alpha 4, on an IBM clone computer. Please let me know if your totals have disappeared and you have updated during the past 3 years.

## Graveyard Achievements

Bill Hale

495 Creekview Drive  
Meridian, ID 83642-3241

Distance records for stations logged on graveyard frequencies

**KXO** AM 1230  
Radio The FM 107

1230 kHz

Logged from Jan 1, 1960 to Present

Date of Last Update: Aug 11, 1992

WAUD	AL	Auburn	Jeff Falconer	Clinton, ON	789
WJBB		Hayleyville	Steve Francis	Alcoa, TN	232
WBHP		Huntsville	Carl Dabelstein	Lincoln, NE	697
			Bob McCoy	Lincoln, NE	(Tie) 697
WHOD		Jackson	Niel Wolfish	Toronto, ON	957
WNUZ		Talladega	Steve Francis	Alcoa	193
WTBC		Tuscaloosa	Dave Whatmough	Hamilton, ON	805
KIFW	AK	Sitka	Doug Lamerson	Makapu'u Point, HI	2772
KVAK		Valdez	Esa Hänninen	Lemmenjoki, Finland	3453
KAAR	AZ	Kingman	Rich Eddle	St. Louis, MO	1333
KFLR		Phoenix	Richard E. Wood	Hilo, HI	2821
KATO		Safford	Carl Dabelstein	Lincoln	905
KINO		Winslow	Carl Dabelstein	Lincoln	858
			Bob McCoy	Lincoln	(Tie) 858
KFPW	AR	Ft. Smith	Jerry Starr	Youngstown, OH	855
KGEE	CA	Bakersfield	Roy Millar	Marysville, WA	854
KSZL		Barstow	Tim Hall	Chula Vista, CA	156
KIBS		Bishop	Les Carpenter	El Toro, CA	261
KXO		El Centro	Don Kaskey	Sacramento, CA	521
KDAC		Ft. Bragg	Richard E. Wood	Hilo	2191
KGJF		Los Angeles	Don Kaskey	Sacramento	357
KPRL		Paso Robles	Frank Merrill	Nanena, AK	2318
KRDG		Redding	Don Kaskey	Sacramento	145
KWG		Stockton	Richard E. Wood	Hilo	2404
KEXO	CO	Grand Junction	Shawn Axelrod	Winnipeg, MB	903
KBRR		Leadville	Bob McCoy	Lincoln	516
KDZA		Pueblo	Niel Wolfish	Winnipeg, MB	864
			Shawn Axelrod	Winnipeg	(Tie) 864
KBCR		Steamboat Springs	Shawn Axelrod	Winnipeg	845
KGKJ		Sterling	Carl Dabelstein	Lincoln	335
KSTC		Sterling	Bob McCoy	Lincoln	(Tie) 335
WINF	CT	Manchester	Rodney Valdron	Petit Rocher, NB	530
WGGG	FL	Gainesville	Frank Merrill	Milan, MI	858
WONN		Lakeland	Alan Imprescia	New York, NY	985
			Richard Recco	Malverne, NY	(Tie) 985
WMAF		Madison	Steve Francis	Alcoa	358
WSBB		New Smyrna Beach	Charles Reh	Learnington, ON	902
WNVY		Pensacola	Alan Imprescia	New York	1024
WCNH		Quincy	Jerry Starr	Youngstown	780
WJNO		West Palm Beach	UK DXpeditionE	Sheigra, Scotland	4121
WBIA	GA	Augusta	Debra Hiden	Orlando, FL	350
WBLJ		Dalton	Tim Kerfoot	Weston, ON	835
WXLJ		Dublin	Gene Allen	Vallejo, CA	2253
WFOM		Marletta	J.W. Bay, Jr.	Drexel Hill, PA	569
WSOK		Savannah	Don Lynch	Chemsford, MA	900
WAYX		Waycross	Harry Hayes	Thomhurst, PA	780
KBAR	ID	Burley	Nancy Hardy	Aberdeen, WA	580
KORT		Grangeville	Esa Hänninen	Lemmenjoki	4277
KRXX		Raxburg	Esa Hänninen	Lemmenjoki	4360
WJBC	IL	Bloomington	Rick Carr	Austin, TX	865
WMRZ		Moline	Esa Hänninen	Lemmenjoki	4165
WHCO		Sparta	Shawn Axelrod	Winnipeg	917
WJOB	IN	Hammond	Niel Wolfish	Winnipeg	773
WSAL		Logansport	Niel Wolfish	Winnipeg	855
WTCJ		Tell City	Steve Francis	Alcoa	210
WBOW		Terre Haute	Shawn Axelrod	Winnipeg	989
KFJB	IA	Marshalltown	Joe Feia	Newark, NJ	976
WHIR	KY	Darville	Don Lunch	Chemsford	786
WHOP		Hopkinsville	Rick Carr	Austin	780
WMLF		Pineville	Frank Merrill	Milan	434

KLIC	LA	Monroe	Frank Merrill	Milan	803
WBOK		New Orleans	Charles Reh	Leamington	933
WBME	ME	Belfast	Steve Whitt	Sheigra, Scotland	2793
WQDY		Calais	Morris Sorensen	Milton, ON	600
WSJR		Madawaska	Andy Rugg	Nuns' Island, PQ	284
WITH	MD	Baltimore	Steve Francis	Alcoa	464
WALI		Cumberland	Don Lynch	Lynn, MA	448
WMNB	MA	North Adams	Jim Renfrew	Rochester, NY	227
WESX		Salem	Rodney Valdron	Petit Rocher	440
WNEB		Worcester	Rodney Valdron	Petit Rocher	485
WCUZ	MI	Grand Rapids	Niel Wolfish	Winnipeg	748
			Shawn Axelrod	Winnipeg	(Tie) 746
WGRY		Grayling	Don Voorhies	Oswego, NY	415
WIKB		Iron River	Shawn Axelrod	Ames, MB	485
WMPC		Lapeer	Jeff Falconer	Clinton	114
WSOO		Sault Ste. Marie	Morris Sorensen	Leaf Rapids, MB	992
WSTR		Sturgis	Joe Fela	Newark	588
WKLK	MN	Cloquet	Carl Dabelstein	Omaha	415
KGHS		International Falls	Shawn Axelrod	Winnipeg	237
KYSM		Mankato	Morris Sorensen	Leaf Rapids	740
KMRS		Morris	Shawn Axelrod	Winnipeg	318
KTRF		Thief River Falls	Morris Sorensen	Leaf Rapids	980
KWNO		Winona	Shawn Axelrod	Winnipeg	475
WCMA	MS	Corinth	Joe Kureth	Uniontown, NJ	710
WHSY		Hattiesburg	Charles Reh	Leamington	826
WSSO		Starkville	Charles Reh	Leamington	683
KODE	MO	Joplin	Charles Reh	Leamington	723
KLWT		Lebanon	Carl Dabelstein	Lincoln	309
			Bob McCoy	Lincoln	(Tie) 309
KWIX		Moberly	Esa Hänninen	Lemmenjoki	4336
KBMN	MT	Bozeman	Nancy Hardy	Aberdeen	610
KHDN		Hardin	Frank Merrill	Milan	1216
KLCB		Libby	Nancy Hardy	Aberdeen	398
KTNC	NE	Falls City	Robert Kramer	Chicago, IL	425
			Mike Jeziorski	Brookfield, IL	(Tie) 425
KHAS		Hastings	Frank Merrill	Milan	773
KLAV	NV	Las Vegas	Bob McCoy	Lincoln	1042
KCBN		Reno	Roy Millar	Marysville	555
WMOU	NH	Berlin	Ron Musco	Windsor, CT	209
WTSV		Claremont	Joe Fela	Newark	205
WCMC	NJ	Wildwood	Mark Hattam	Sheigra, Scotland	3270
KALG	NM	Alamogordo	Robert Wien	San Jose, CA	940
KOTS		Deming	Mike Hawk	Omaha, NE	901
KYVA		Gallup	Tim Hall	Chula Vista	509
KFUN		Las Vegas	MB DXPedition*	Valhalla, MB	1120
KRSY		Roswell	Frank Merrill	Macomb, IL	912
WECK	NY	Buffalo	Don Treford	Scarborough, ON	57
WNIA		Cheektowaga	Don Lynch	Boston, MA	391
WENY		Elmira	Don Lynch	Lynn	297
WBZA		Glens Falls	Morris Sorensen	Milton	316
WIGS		Gouverneur	Rodney Valdron	Petit Rocher	525
WHUC		Hudson	Don Voorhies	Oswego	183
WLFH		Little Falls	Charles Reh	Leamington	398
WDLC		Port Jervis	Laura McCusker	Ravena, NY	88
WFAS		White Plains	Jeff Falconer	Clinton	434
WSKY	NC	Asheville	Steve Francis	Alcoa	84
WFAI		Fayetteville	Jeff Falconer	Clinton	612
WMFR		High Point	Eric Bueneman	Hazlewood, MO	595
WISP		Kinston	J.W. Bay, Jr.	Drexel Hill, PA	352
WNNC		Newton	Steve Francis	Alcoa	153
WCBT		Roanoke Rapids	Hank Holbrook	Chevy Chase, MD	184
KDIX	ND	Dickinson	Charles Reh	Leamington	1048
WUBE	OH	Cincinnati	Russ Edmunds	Glen Rock, NJ	584
WCOL		Columbus	Shawn Axelrod	Winnipeg	1010
WIRO		Ironton	Shawn Axelrod	Winnipeg	1096
WTOL		Toledo	Don Lynch	Lynn	647
KADA	OK	Ada	Charles Reh	Leamington	911
WBBZ		Ponca City	Shawn Axelrod	Winnipeg	912
KVAS	OR	Astoria	Doug Lamerson	Makapu'u Point, HI	2580
KZZR		Burns	Nancy Hardy	Aberdeen	331
KOOS		Coos Bay	Don Kaskey	Sacramento	369
KRDR		Gresham	Esa Hänninen	Lemmenjoki	4376
KQIK		Lakeview	Esa Hänninen	Lemmenjoki	4576
KYJC		Medford	Don Kaskey	Sacramento	276
KDOV		Talent	Roy Millar	Marysville	361
KTDO		Toledo	Roy Millar	Marysville	218

WBVP	PA	Beaver Falls	Stephen McIntire	Des Moines, IA	715
WEEX		Easton	Rodney Valdron	Petit Rocher	680
WKBO		Harrisburg	Frank Merrill	Milan	379
WCRO		Johnstown	Rodney Valdron	Petit Rocher	830
WPBZ		Lock Haven	Don Lynch	Lynn	345
WTVV		Titusville	Rodney Valdron	Petit Rocher	805
WERI	RI	Westerly	Rodney Valdron	Petit Rocher	535
WAIM	SC	Anderson	Steve Francis	Alcoa	112
WXAP		Columbia	Charles Reh	Leamington	581
WOLS		Florence	Joe Kureth	Uniontown	405
KISD	SD	Sioux Falls	Jerry Robertson	Croswell, MI	700
WKCE	TN	Hartman	Steve Francis	Alcoa	52
WMLR		Hohenwald	Robert Kramer	Chicago	451
WAKI		McMinnville	Russ Edmunds	Glen Rock	682
KSIX	TX	Corpus Christi	Jim Boehm	San Antonio, TX	141
KDLK		Del Rio	Dave Margritz	Omaha, NE	866
KNUZ		Houston	Frank Merrill	Milan	1059
KLVT		Loveland	John Wilkins	Fort Davis, TX	236
KERV		Kerrville	Bob McCoy	Lincoln	757
KEEE		Nacogdoches	Frank Merrill	Milan	945
KOZA		Odeesa	Rich Eddie	St. Louis	821
KGRO		Pampa	Robert Walker	Chicago	955
KSEY		Seymour	Shawn Axelrod	Winnipeg	1129
KSST		Sulphur Springs	Jim Boehm	San Antonio	298
KWTX		Waco	Rick Dau	Iowa City, IA	765
KMOR	UT	Murray	Shawn Axelrod	Winnipeg	917
KOAL		Price	Carl Dabelstein	Omaha	808
WJOY	VT	Burlington	Rodney Valdron	Petit Rocher	425
WBBI	VA	Abingdon	Joe Kureth	Uniontown	320
WODI		Brookneal	Jerry Starr	Youngstown	350
WCFV		Clifton Forge	Joe Kureth	Uniontown	185
WFVA		Fredericksburg	Andy Rugg	Montreal, PQ	530
WNOR		Norfolk	Andy Rugg	Montreal	610
WAMM		Woodstock	Steve Francis	Alcoa	365
KZZR	WA	Burns	Nancy Hardy	Aberdeen	330
KOZI		Chelan	Brett Hanavan	Chula Vista, CA	1057
KWYZ		Everett	Esa Hänninen	Lemmenjoki	4288
KRSS		Spokane	Olle Alm	Abisko, Sweden	4114
WLOG	WV	Logan	Don Voorhies	Oswego	390
WKYG		Parkersburg	Russ Edmunds	Little Silver, NJ	396
WHBY	WI	Appleton	Joe Fela	Newark	765
WCLO		Janesville	Charles Reh	Leamington	334
WXCO		Wausau	Rich Eddie	St. Louis	440
KVOC	WY	Casper	Frank Merrill	Nanena	2228
CJOK	AB	Ft. McMurray	Esa Hänninen	Lemmenjoki	3509
CIYR		Hinton	Shawn Axelrod	Winnipeg	866
CJLW		Wainwright	Niel Wolfish	Lewis, MB	597
CKQR	BC	Castlegar	Roy Millar	Marysville	248
CKTK		Kitimat	Roy Millar	Marysville	531
CJNL		Merritt	Tim Hall	Banff, AB	238
CKNW		New Westminster	Gene Allen	Vallejo	787
CHFC	MB	Churchill	Olle Alm	Karesuando, Sweden	3093
CFLN	NF	Goose Bay	Esa Hänninen	Lemmenjoki	2799
CFGN		Port-aux-Basques	Steve Whitt	Shelga	2295
VOAR		St. John's	Rodney Valdron	Petit Rocher	610
CFFB	NT	Iqaluit	Esa Hänninen	Ristilina, Finland	2786
CKMP	ON	Midland	Robert Kramer	Chicago	445
CJTT		New Liskeard	MB DXPedition*	Ames, MB	812
CJLB		Thunder Bay	Morris Sorensen	Leaf Rapids	1105
CJLP	PQ	Disraeli	Don Treford	Scarborough, ON	422
CHVD		Dolbeau	Esa Hänninen	Lemmenjoki	3334
CJSA		Ste-Agathe-des-Monts	Andy Rugg	Montreal	50
CKLD		Thetford Mines	Charles Reh	Leamington	624
ZFB	BR	Hamilton	Derek Taylor	Preston, England	1117
XESCT	BCN	Barcelona	Tim Hall	Chula Vista	52
LT2	ARG	Rosario	UK DXPedition	Shelga	7076
CMAD	GU	Armedes	Frank Merrill	Milan	1110

£ UK DXPedition [Steve Whitt, Mark Hattam, Live Home]

\* MB DXPedition [Shawn Axelrod, Wayne Mittas]

# Building the Broadcast Band

Thomas H. White - February 22, 1992

*(This radio history is continued from last issue and will continue in next week's DXN.)*

## Class B Complexities

Throughout the mid-twenties there was a tremendous turnover of stations. However, whenever one disappeared another popped up to take its place. The overall number of stations fluctuated between 500 and 600. However, powers steadily increased, along with the resulting interference, especially at night. A major problem developed because of a lack of Class B frequencies.

Although Class B radio stations were expensive to operate (and generally there was no direct financial return, as commercial sponsorship was only just beginning to appear) the prestige was great enough that more and more companies wanted one. The crush was exacerbated when the United States, realizing that an entire country was located to its north, informally set aside six Class B frequencies - 690, 730, 840, 910, 1010, 1030 - for exclusive Canadian use. (Recognition that other countries, such as Mexico, also existed would not come until 1940 with the NARBA agreements).

As a partial solution, some Class B stations were placed on Class A frequencies, but this didn't do much to satisfy their owners. In 1925 the Commerce Department had experimented with shrinking the spacing between the Class B frequencies from 10 khz to 7.5 khz, but this proved unsuccessful. Finally, in October, 1925, the Commerce Department announced it would generally cease licensing new stations, because the broadcast frequencies were filled beyond capacity.

## Legal Actions

Secretary Hoover knew the embargo was on shaky legal ground. For years he had pleaded with congress to pass a new law, giving him clearer control of radio. However, the two branches of Congress had never come to an agreement, so radio remained under the increasingly creaky control of the 1912 Act. Moreover, station licensing was not the only area of legal challenge. The Zenith Radio Corporation operated WJAZ, a Class B station in Chicago, which it thought of as a showcase for the firm. Unfortunately, due to the Class B frequency shortage the station was assigned a grand total of two hours per week of airtime, on 930 khz. Zenith found its showcase wasn't very visible. So it moved to 910 khz, which

had been one of the exclusive Canadian frequencies, and challenged Secretary Hoover to do something about it.

Ironically Zenith had no intention of diminishing Hoover's overall regulatory powers. It only claimed it found a small loophole which permitted frequency shifts for a handful of stations which, like WJAZ, had been granted "Developmental" licenses. Earlier challenges had not been favorable to the Commerce Department, and the effects of the WJAZ case instead would be sweeping.

The Commerce Department challenged Zenith's move, and the case ended up in Federal Court in Chicago. In his April 16, 1926 decision, Judge James H. Wilkerson sided with WJAZ on its right to choose its own frequency. However, Wilkerson's ruling mainly addressed the legality of WJAZ's frequency shift, and did not delineate exactly what Hoover could and could not do.

The Commerce Department debated whether it should appeal the WJAZ ruling. In the meantime, everyone looked to Congress to pass a new law to stabilize the situation. Congress promptly dropped the ball. Although both branches passed new laws, they were significantly different, and Congress adjourned in early July before the differences could be worked out in committee. Congress would return in session on December 8th, after the elections. Until then Hoover was on his own.

Hoover's next step was to ask Acting Attorney General William J. Donovan for advice on what powers Hoover held under the 1912 Act. Donovan had a difficult task in trying to make sense of the Act and how it related to broadcasting. The bill's language was obscure at times, and some important sections were widely removed from each other, so that their exact relationship was unclear.

The Act was oriented toward to regulating two-way communication and allowed stations a great degree of flexibility. A key problem was in frequency assignments. The Act stated that stations were to be assigned a "normal wavelength", but they also were allowed to use additional wavelengths of their own choosing, as long as they fell outside of the 600 to 1600 meter government band.

In fact, in keeping with standard practice, the first few broadcast licenses were actually issued stating that the station's "normal" wavelength was 600 meters - not that any broadcast station actually ever used this wavelength. Thus, their broadcast

authorizations for 360 and 485 meters fell under the category of "additional" wavelengths. These early authorizations, following guidelines set by the Act, also required the stations be capable of communicating with ships on 300 meters, when needed. Not that it ever was.

The Act was also ambiguous whether the Commerce Department could withhold licenses from qualified applicants, or could regulate powers and hours of operations outside of the 600 to 1600 meter government band. Given the ambiguity of the Act, various opinions ranged from the extremes that Hoover either had complete authority to regulate broadcasting, or he had virtually none at all.

Donovan released an opinion on July 8, 1926. It wasn't legally binding, but did give the Commerce Department an idea whether it should pursue an appeal of the WJAZ case. As it turned out, Donovan's opinion matched Hoover's worst fears. In Donovan's opinion, except for the government band Hoover not only had to issue licenses to all upon request, but he also had no right to restrict frequencies used, hours of operation, or powers.

Broadcasting had become a free-for-all. The only thing Hoover could do was ask stations for restraint and try to keep track of things until a new law was passed. Just before the breakdown of regulation Canada had complained that its six exclusive Class B frequencies were not enough. In the "wave jumping" by U. S. stations that followed, it would watch this number drop to zero.

## A Little Bit of Anarchy

Because of the new state of affairs, the station list appearing in the December 31, 1926 issue of the Radio Service Bulletin included the following rueful disclaimer: "The power and wavelengths given in this table were compiled from applications for licenses furnished the department by the owners of the stations. Since the department does not make assignments in either respect, this list is not necessarily in conformity with wavelength or power actually used".

Although the first few months saw relatively few changes, eventually a torrent of new stations and frequency changes developed. In an eight month period around 200 new stations flooded the airwaves. Many stations jumped from Class A to Class B frequencies. Some expanded the act, such as WOBB in Chicago, which was reported to be on 540 khz, a step below the former 940 khz lower boundary of broadcast frequencies. WHAP in New York City decided there was just enough room between WJZ and WJZ-WOR-740 for another Class B station and it settled on the unorthodox new frequency of

697 khz. Another case where a station headed for a split frequency was KFKB in Milford, Kansas, which began operating on 695 khz. KFKB was owned by J. R. Brinkley, M.D., the infamous "Goat Gland" doctor. His later stations, on the other side of the Mexican border, would continue this affection for split frequencies.

In some cases it's hard to determine exactly what frequency a station was operating at, because many were still reporting station wavelengths rather than frequencies. Thus, when KEX in Portland announced it was operating on 447 meters, it probably was specifying the nearest whole-meter equivalent for 670 khz. However, the Commerce Department dutifully divided 447 into 299,820, and reported that KEX was now operating at exactly 670.7 kilohertz.

New York and Chicago were worst hit by the increase in stations and congestion, but the effects were felt nationwide, especially with an increase in nighttime heterodynes. In the West, one group of stations staged a novel demonstration in support of the restoration of government controls. According to the June, 1927 Radio Broadcast:

"Between the hours of eight and nine February 11, KFI, and ten other Pacific Coast stations presented what they termed an Interference Hour. The stations were paired off and so changed their wavelengths as to interfere seriously with one another. After an hour of squeals, howls, indistinguishable announcements, and distorted music, the stipulated wavelengths were resumed, following which pleas were made from each of the stations in support of the radio bill before the senate".

Stations turned to the courts to clear things up. Eventually the courts would have stabilized the situation, as a series of rulings generally gave established stations priority and relief from interference from newcomers. These rulings were getting dangerously close to giving stations property rights to their radio frequencies, something the government desperately wanted to avoid.

*(Note: This historical account by NRC member, and radio historian, Thomas White will continue in installments in future issues of DXN.)*



# Musings

## of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

KEN ONYSCHUK - 1643 OLIVE ROAD - HOMEWOOD, IL 60430

Hello again, I'm back in my original DX haven, family problems caused some changes, but life goes on. I'm looking for someone to fix the on/off switch on my new Superadio, it surprisingly came apart when I opened the radio. I ended up soldering the switch to the 'on' position. Otherwise, it won't operate. My phone # is 708-798-0571, can someone fix it properly? No more major DX to report. I did take the Metra (ex IC) train to Kenosha last Labor Day weekend. This time I brought the cassette tapes and rather enjoyed myself taping station IDs that I can't hear at home or never had heard, period. Still haven't heard WCWC-1600 or WSAU-550 (primary targets) but will probably be shocked if I do log them. Locally, an LMA is in effect, WWHN-1510 is simulcasting WTAS-102.3 & 105.5 KWHN, with Gospel, giving WCFJ-1470 & WWCWA-1270 competition. Chicago papers give the impression WWHN had bought WTAS but WCGO said it was a mistake, no sale, just an LMA. On 10/1, WAIT-850 satellite feed quit for about 10 minutes leaving a weak KFUO with talk and WLS splatter to listen to. Sorry I couldn't attend the convention, was looking forward to it but other problems interfered. So it's wait till 93. It was disappointing that the White Sox didn't finish 1st but it was an exciting season. The Brewers came up strong and I like the broadcasts. The Sunday back-up station which the NFL packers were on, WTMJ, is WISN-1130 and nearby WLIP-1050. When WGN had a conflict with the Cubs-Bears, the Bears came 1st while the back-up was WLS, though WGN rebroadcast the game later anyway! I've read in Billboard where WNEW-1130 may be sold and call changed to WBRB, but local broadcasters want to preserve the WNEW calls. Maybe it won't happen. Good DX!

BOB MCCOY (NØSCE) - 4618 COOPER AVENUE, APT. 6 - LINCOLN, NE 68506

Now that the dust has settled and the Omaha Convention has become a memory, I wish to thank those members who came and shared the events with us. Also welcome to the new members who visited us and joined the NRC. I regret that work caused me to miss all but part of Saturday & all of Sunday. I met again some old friends and met some new ones. Through the generosity of the winning bidder, I was given some of the old ASWC bulletins in the mountain of stuff donated to the auction by the legendary JOHN CALLERMAN. I got a real charge out of these, as they covered a period of time when I was a member of that club and even read some of my logging contributions. On the local radio scene, a 21 year veteran rock station on FM who simulcasts on AM and shares a call, changed formats abruptly to country. KFMQ-101.9 & 1480 now calls itself "Omaha Young Country", NEIL ZANK & I hunted until we found their attempt at a legal ID at :45 past the hour as "KFMQ Lincoln-Omaha". The 10/10 Omaha World Herald says that they intend to get the call KYNN (which used to be an Omaha CW station) and eventually move their studios to Omaha. The station had been at the bottom of the ratings for a while but they had earlier built a new FM stower east of Lincoln to hit the Omaha market which already had too many rock stations by itself. Omaha has a good CW station, WOW AM-FM, since the former owners of KYNN acquired them. Also, KXKT-103.7 has gone from rock to CW (Calling themselves KT Country). I suppose this situation is another example of the desperation of some marginal operations. KFMQ was one of the 1st FM stations in Lincoln and had been at the top for a long time. It hasn't made an impact with its previous attempts at entering the market in another city but it is trying to abandon the city it is licensed to serve. Lincoln and Omaha are the 2 major population centers of the state and are some 50 miles apart, they are different communities. Numerous FMs are playing this game, but the only other AM is KKAR (licensed to Bellevue, studios in Omaha & transmitter near Council Bluffs, IA). Well, now I have aired an opinion, let me also say that I enjoy the kinder and gentler NRC of today.

MIKE HAWK (NØOSY) - 10212 P STREET - OMAHA, NE 68127-2130

FM DX season is now over and my favorite hame band isn't in good shape propagating wise (due to the down-swing in cycle 22) so I've been spending a lot more time on AM. ERNIE W. was kind enough to let me borrow his Radio West Loop for 3-4 weeks which aided me in a few on my catches. Some of the better ones were WAEC & WDMG both 860 and in GA. The only other new one heard was KOWO-1170 in MN. I picked up the WBHY-TEST, too, but went to sleep after hearing an ID thus not getting enough info for a report. I also slept through the KXOL test. I had the alarm set for the right time but forgot to turn it on! Recent veries include KPRV-1280, WDMG-860, KEAN-1280 & KGLQ-1300 with 6-8 reports in the mail. The only other news is that 1480 in Lincoln is now CW & call themselves "Young Country", according to an article in the paper, they've applied to change calls from KFMQ to KYNN. A few days later, an FM station in Omaha changed to CW, so the Omaha CW market doubled in less than 1 week. That just goes to show how much CW has gain in popularity. 73

## Dave Schmidt

P. O. Box 11502

Wilmington, DE 19850-1502

Times are local per Muse.

SKIP AREY (WB2GHA) - P O Box 644 - WATERFORD WORKS, NJ 08089

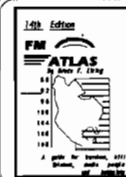
Well, since I have rejoined after a few years absence (you can blame DAVE SCHMIDT for talking me back into it), I suppose I should re-intro. I'm 30-something, married with children, life-long radio freak. I write the Beginners' Corner column for Monitoring Times Magazine. I possess an insatiable lust for Collins R390A/URR & Radio Shack 655 TRF receivers. Latest MUSINGS type information in these parts has to be the continued testing by WWJZ-640, I placed a phone call to the station during one recent test and Mike the CE said he would welcome reports at WWJZ, P O Box 81, Mount Holly, NJ 08060. 73

BRUCE REYNOLDS - 1617 CORTE DE MEDEA - SAN JOSE, CA 95124

A nice opening to the Midwest was noted in mid October which enabled me to tape WLS-890 & KMOX-1120 on 10/9, WCCO-830 on 10/10 and KFAB-1110 & KRLD-1080 on 10/12, all heard between 8-11PM. The first 3 were new states, boosting my total to 19. Other catches of interest include KXKS-1190 with an excellent signal at 6AM, KORD-870 at 6:55AM and KWIP-880 at 7AM, all on 9/29. KXKS & KWIP were both in Spanish. KDBS-840 at 6:25AM on 9/30, KVEL-920 at 6:05AM on 10/1 and CKXR-580 in nicely at 6:15AM on 10/9. 2 new ones added on 1240, KLFE at 10:29PM on 9/29 and KFLY with a remarkably good signal at 6:40AM on 10/8. Heard well again tonight 10/18. 1240 is my best channel with 10 stations taped, despite the relative proximity of KRRY. Actually, 1340 is the most wide open grapeyard channel as with the Watsonville station being off, nothing is readable in the daytime. However, only 6 taped there. The same stations, KORV, KXEQ, KBOS, KVOY & KATA, tend to be in/out with each other and KGLW was just heard for the 1st time. KATA has a particularly good signal for the distance. I also have 5 stations taped on 1230, where KLAJ is sometimes surprisingly strong evenings. 1400 & 1450 are problematic due to semi-local pests KBLX & KEST, so only 3 taped on each, although on 1400 I was able to bag KSRR. 1490 suffers from splatter from local KSXJ-1500 & in their null, KWAC is surprisingly dominant with KRKC & KMET as lesser presences. Finally, the new Santa Barbara station on 990 now has a jazz format on the ir new KKJZ calls would suggest. 73

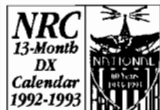
DAVE SCHMIDT - P O BOX 11502 - WILMINGTON, DE 19850

We had only 1 report on hand at last weeks deadline then 4 others followed in for this issue. Remember, our deadlines are Saturday, type up in done Sunday and in the mail Monday, and it looks like mail is running about 7 days from all over lately, unless something goes astray, then it's about 7 days. Not much else to report so we'll leave the bottom of this page for a wish list of stations you'd like to hear....write them down and dream on! (J)



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