

DX News

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Volume 69, No. 30 - September 16, 2002 (ISSN 0737-1659)

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CPC Test Calendar

WLCR	KY	1470	Oct. 21	0300-0400
KNOM	AK	780	Oct. 26	0400-0500
WDFB	KY	1170	Nov. 2	0000-????

WLCR-1470 (3600 Goldsmith Lane - Louisville, KY 40220) will conduct a DX test from 3:00-4:00 am EDT Monday, October 21, 2002. The station's regular programming is EWTN; their slogan is "Louisville's Catholic Radio". ID's will be played in both Morse Code and voice. The ID's will use a 1-kHz tone at 5 wpm sent every 5 minutes. The station's power will be 750w. Reception reports (with return postage) may be sent to: Vince Heuser; <<heuser@glou.com>>; <http://www.wlcr.net>. (Arranged for the IRCA CPC.)

KNOM-780 (P.O. Box 988 - Nome, AK 99762) will conduct a DX test from 4:00-5:00 am EDT Saturday, October 26, 2002. From Les Brown, who arranged the test: "We are currently planning to go from nighttime power (14 kW) up to 25 kW within a minute or two after midnight [Nome time] on 10/26, a Saturday. As I won't be here, I'll set it up with a regular operator to make the change as soon as the station goes into AP network news. The news ends at 12:05 and is followed by lengthy weather forecasts for various Alaska regions, typically ending around 12:09. Programming will be Polish polkas from then until the next newscast at 1 AM with a clear ID between every programming item. We'll run our normal public service stuff (we are non-commercial) along with time and temperature checks. Morse ID's will be frequent." Also - Les mentions that the station will stay at 25 kW until 6am Alaska time. Reception reports (with return postage) may be sent to Les Brown KNOM-AM; <<rftm@nook.net>>; <http://www.knom.org>. (Arranged by Les Brown for the benefit of all DXers)

WDFB-1170 (P.O. Box 106 - Danville, KY 40423-0106) will conduct a DX test from 12:00am-?? EST Saturday, November 2, 2002. The station's regular format is Christian; they go by "WDFB Christian Radio". Songs such as "Amazing Grace" "Sweet

Beulah Land" and "My Country, My Flag" (by the Hoppers) will be played, along with voice and/or Morse code IDs. <<music@searnet.com>>; <http://www.wdfb.com> ICQ# 38796683. (Arranged for the IRCA CPC)

From the Publisher ... A fine old time was had by all at NRC 2002 in Lima, and thanks to Fred, Debbie, Jon, Phil, John, Linda, and everyone else who had a hand in helping out with the convention. For once, I didn't bid very heavily, but the auction still brought in just under \$500, thanks to heavy bidding from the other 37 attendees. (And to all who thought I was buying a white elephant: the WSM clock with the loose hand now works perfectly, nyaah!) Congratulations go to Bill and Brenda Swiger, who took home a plaque in recognition of their years of dedicated service to the NRC, including two times as convention hosts and ongoing assistance with NRC Publications. Finally, we won't have to wait to learn next year's nor the following year's convention locations: 2003 will take place in the Dallas vicinity with hosts John Callarman, Bill Hale, and Wally Wawro, and 2004 will move back east to Rochester, NY, thanks to Scott Fybush.

Suddenly, we've been besieged for information on old radios, with several letters arriving at the P. O. Box, and I have a feeling that some publication has the NRC listed as a source of info on antique radios. Well, we aren't, and if anyone can supply me with the source of this misinformation, I'll get it corrected.

From Andy Rugg ... For several years, Andy Rugg has been trying for a paper verie from WQEW-1560. He was encouraged by Bob Galerstein's intentions to have QSL cards printed up, mentioned on the April 15 front page. Andy needs the exact address to mail a report to reach Bob. His e-mail address is <<ve2em@arrl.net>>.

DXChange ... Rick Dau (13312 Westwood Lane - Omaha, Nebraska, 68144-3543, or <<rdau1965@yahoo.com>>) is looking to acquire past issues of DX News from October 1987 to September 1997; complete volumes only, please.

AM Switch

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

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

CALL LETTER CHANGES

	Old call		New call
580	KFXD	ID Nampa	KIDO
630	KIDO	ID Boise	KFXD
870	*New	CO Pierce	KJMP
900	WMVU	NH Nashua	WOTW
940	KJPN	HI Waipahu	KHCM
950	WBBF	NY Rochester	WROC
1080	WINX	NC Murfreesboro	WWDR
1180	WHJM	TN Knoxville	WVLZ
1220	WKBK	NH Keene	WZBK
1260	KTRC	NM Santa Fe	KVSF
1300	KFLO	LA Shreveport	KSYB
1300	WZZZ	NY Fulton	WAMF
1370	KJFO	HI Pearl City	KMDR
1400	KVSF	NM Santa Fe	KTRC
1450	KSPA	CA Escondido	KFSD
1450	WWRI	RI West Warwick	WLKW
1460	KTXC	CA Salinas	KION
1490	WTNI	SC Hartsville	WJDJ
1510	KMXN	CA Ontario	KSPA
1510	KJAZ	CA San Rafael	KTIM*
1520	WGAM	MA Greenfield	WIZZ
1540	WWKM	MI Harrison	WKKM
1550	KCCF	WA Ferndale	KRPI
1620	WPHG	AL Atmore	WPNS

*KJAZ-1510 application for KKAC shown last issue was set aside in favor of returning to a former call, KTIM

APPLICATIONS FOR NEW STATIONS

670	AZSuhuarita:	2500/700 U4
1120	FLOrlovista:	1000/400 U4
1180	FLPace:	1000/1000 U2
1210	TXAbilene:	1000/1000 U1

GRANTS FOR NEW STATIONS

680	PRArcibo:	400 D1 (synchro for WAPA San Juan, PR)
740	PRPonce:	500/100 U1 (synchro for WIAC San Juan, PR)
750	NVFallon:	10000/280 (10000 CH) U1
870	COPIerce:	1000/750 U2
1070	MNVerndale:	10000/5000 U2

APPLICATIONS FROM EXISTING FACILITIES

540	WFLF	FL Pine Hills:	50000/46000 U4
620	CJCI	BC Prince George:	to 97.3 FM
760	WEFL	FL Tequesta:	3000/1500 U4
890	WBAJ	SC Blythewood:	50000 D1
890	KTXV	TX Frankston:	2000/8 U4
920	WMOK	IL Metropolis:	1000/900 U2 (reapplication)
960	KNEB	NE Scottsbluff:	5000/350 U4 (reapplication)
1000	KXRB	SD Sioux Falls:	10000/100 U4
1170	WKLN	FL St. Augustine Beach:	710 D1
1200	WKDA	TN Nashville:	10000/195 (3800 CH) U12
1260	KSML	TX Diboll:	4500/72 U1
1340	CJLS	NS Yarmouth:	to 95.5 FM

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WGR NEWS RADIO 55

1430	WOWW	TN Germantown:	2500/2500 U4
1450	KSEL	NM Portales:	948/948 U1
1480	KLVL	TX Pasadena:	3000/500 U4
1510	KNRC	CO Littleton:	9500/25000 U4 (higher night power appears to be correct, according to FCC database)
1510	WEAL	NC Greensboro:	830 (200 CH) D1
1560	KILE	TX Bellaire:	50000/1700 U4 (reapplication)

300 memories
CKWW
1970-1990

GRANTS TO EXISTING FACILITIES

680	WCBM	MD Baltimore:	50000/20000 U4
760	WEFL	FL Palm City:	city of license to Tequesta, FL
950	WWJK	SC Moncks Corner:	10000/6000 U4
1090	KTNS	CA Oakhurst:	5000/23 U1
1190	KXXM	CA Anaheim:	25000/1000 U4, city of license to Paramount, CA
1190	KRFT	MO DeSoto:	10000/30 (10000 CH) U7
1250	WMTR	NJ Morristown:	5000/5000 U4
1260	KFCQ	IA Boone:	5000/33 U4
1270	WXYT	MI Detroit:	50000/48000 U4
1380	WHEW	TN Franklin:	2800/250 U2
1540	KZMP	TX Fort Worth:	32000/750 U4 (FCC shows Fort Worth as city of license, not University Heights)
1560	WINU	IL Shelbyville:	to 870 kHz with 500 D3
1600	WMQM	TN Milan:	50000/35 U1, city of license to Lakeland, TN (FCC first indicated 5000/35 but the current database now shows 50000/35)
1670	KSUL	CA Moreno Valley:	10000/9000 U4

OTHERNESS

580	WIBW	KS Topeka:	in the process of buying out KKSU Manhattan, KS with which they share the frequency; once the deal is complete, KKSU will cease to exist
730	CJNW	BC Vancouver:	silent station is ON THE AIR
870	WINU	IL Shelbyville:	CP to move here from 1560 kHz is on
870	WQBS	PR San Juan:	CP for 5000/5000 U3 is on
890	WBPS	MA Dedham:	CP for 25000/3400 U4 is on
900	WFROOH	Fremont:	station will soon go SILENT permanently; will be taken off the air to make room for facility upgrade at WFDF-910 Flint, MI
910	WSUI	IA Iowa City:	CP for 5000/4000 U2 is on
970	WWIT	NC Canton:	SILENT
1060	WIXC	FL Titusville:	application for 50000 D3 has been DISMISSED
1080	WWDR	NC Murfreesboro:	SILENT
1090	WBZB	NC Selma:	silent station is ON THE AIR
1090	WJKM	TN Hartsville:	SILENT
1160	*App	MO Cleveland:	application for new station DISMISSED
1170	WDIS	MA Norfolk:	silent station is ON THE AIR (after NRCer Craig Healy cleaned a bird nest out of their satellite dish)
1180	WGAB	IN Newburgh:	CP for 670/1 U1 is on
1190	KRFT	MO DeSoto:	CP for 10000/30 (10000 CH) U7 is on
1310	WTZN	PA Troy:	CP for 1000/72 U1 is on
1230	WCMA	MS Corinth:	SILENT
1270	KSCB	KS Liberal:	CP for 5000/500 U2 is on
1340	WSAJ	PA Grove City:	silent station is ON THE AIR; the classic cage antenna has been rebuilt to original 1920s specs, and a new fan counterpoise has been installed, presently operating Sundays 7:15 PM to 8:15 PM and Tuesdays and Thursdays from 7:00 PM to 8:45 PM, all times Eastern local.
1370	KMDR	HI Pearl City:	silent station (on 1380 kHz) is ON THE AIR after moving to this frequency
1390	KFRA	LA Franklin:	SILENT
1490	KOKC	OK Guthrie:	silent station is ON THE AIR
1530	WVBF	MA Middleborough Center:	CP for 1000/2 U1 is on
1590	WDBL	TN Springfield:	SILENT
1630	KNAX	TX Fort Worth:	new station is ON THE AIR

Jerry & BKF

THANKS: Bill Hale, Ed Krejny, Al Merriman, Shawn Axelrod, Dave Schmidt, Eric Ehrier, George Santulli, Dave Braun, Craig Healy, and Les Johnson
73 and Good DX, Jerry Starr & Buffalo K. Foonman

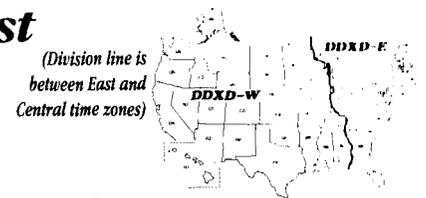
Domestic DX Digest

West: Bill Hale phantom 2@eaze.net

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

East: Ginnie Lupi ginnie@nrctxas.org

PO Box 4014, Clifton Park, New York 12065



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

DDXD-West

MEDIUM WAVE RAMBLINGS

- Thanks to Brother **Walt Breville** for checking in with some of his vacation DX. Walt was a regular contributor to the -West column while living in St. Louis. The 1340 item under 'News, Notes, and Rumours' is why we will always need a locally-originated, live radio voice. Big city or small town, a satellite-programmed station will NEVER take the place of real one-on-one radio. No matter how "local" it sounds.
- **Frank Aden** reports that the rumored frequency swap between KIDO Boise and KFXD Nampa took place without a hitch and he taped the changeover. More news out of the northwest from, appropriately, **Northwest Broadcasters**: "Snohomish County Deputy Hearing Examiner Peter Donahue has denied conditional use and shoreline permits for four of the antennas proposed by KRKO AM 1380 in the upper Snohomish Valley. The antennas are part of a proposal by the station to increase power to 50 kW." See related item on 1010 in the 'N, N, and R' section.
- Once again I must ask that when reporting, either via e-mail or letter, arrange the list of stations in frequency order and grouped by heading. Meaning place all UniD's together; all regular logs together; all Special items together. You get the idea. I ask this as a favor, as it's a lot easier putting the info into the column in order, if yours is the same. Thanks.
- This is it for another enjoyable Volume Year. We've seen hundreds of loggings and news items on these pages. A great bunch of reporters from almost every state in the "West" region (Manitoba is a 'state', isn't it?), and we are grateful to all who've taken time to send their news so the rest of the membership could enjoy it, too. Let's see... I don't remember anyone reporting from Oregon, New Mexico, or Mississippi. Maybe a couple more? Let's hear from you folks!! I know you're out there. See you in a couple of weeks when we'll inaugurate Volume 70!!

REPORTERS

- RA-NV **René Auvray Henderson** Grundig Yacht Boy 400/GE P2900A
- SA-MB **Shawn M. Axelrod Winnipeg** Icom ICR-70 / Drake R8/ Icom R-7000 + 4 Foot unamplified box loop / Quantum Loop / discone / 145' outdoor wire / 100' indoor wire / MFJ 1026 <saxelrod@mb.sympatico.ca>
- SB-IL **Steve Branch Savoy** GE Superadio III with Radio Shack Loop <sbranch7@insightbb.com>
- WB-MB1 **Walt Breville** DXing from **Churchill** new Sangean DT-200V shirt pocket size radio <walterlb@gte.net>
- WB-MB2 **Walt Breville** DXing from **Brandon** new Sangean DT-200V shirt pocket size radio
- JAC-TX **John Callarman Krum** car radio <JohnCallarman@msn.com>
- RD-NE **Rick Dau Omaha** Sony ICF-2010 + Quantum Loop antenna <rdau1965@yahoo.com>
- SF-TN **Steve Francis Alcoa** Realistic TRF, Select-a-Tenna, Intermatic DT17 timer <Amdxmail@aol.com>
- PG-CO **Patrick Griffith Westminster** Drake R-8 and Kiwa loop <AM-DXER@webtv.net>
- TH-CA **Tim Hall Chula Vista**
- GJ-CA **Gary Jackson Sacramento**
- DBJ-TN **David Jones Springfield** Drake R-8B + Radio Plus Quantum QX Pro
- BK-CA **Bob Karchevski Sunnyvale** R8-A/two long wires/MFJ-1026mw <karchev@worldnet.att.net>
- DKK-CA **Don Kaskey San Francisco** Drake R8A + KIWA Airloop <kaskeyfamily@yahoo.com>
- EL-IL **Eric Loy Champaign** Drake R8 and Quantum QX <ecloy@netscape.net>
- MS-MB **Morris Sorensen Riding Mountain National Park** Grundig YB-400 barefoot <SMosor@aol.com>
- MS-WA **Mike Sanburn** DXING at **Tukwila** <mikesanburn@hotmail.com>

- JJR-WI **John J. Rieger South Milwaukee** GE Superadio III, Terk AM 1000 loop; Icom IC-R75, Kiwa loop, MFJ-959B Tuner-preamp <johnrieger@webtv.net>
- KR-AZ **Kevin Redding Mesa** CCRadio barefoot or ICF-2010 barefoot <amfamtvd@qwest.net>
- JW-CO **John Wilkins Wheat Ridge** Drake R-8, 4-foot box loop <peakbagger3@juno.com>
- Ed.-TX **Editor North Richland Hills** Delco caradio on D/FW airport or *DX-398 barefoot

STATION NEWS, NOTES & RUMOURS

- 580 **WIBW KS Topeka** - According to various reports, **WIBW will assume full-time operation on the frequency in December**. After almost 75 years of operation from Manhattan, KKSU the Kansas State University station which operates from 1 to 5 PM Monday through Friday only from separate studios and transmitter site, will succumb and WIBW will fill those hours. So, another piece of broadcasting history will soon come to an end. [Ed.-TX]
- 730 **CJNW BC Vancouver - 8/6** - MOJO Radio officially arrived this morning. (**Northwest Broadcasters**) [Near as I can make out, is that "MOJO" radio is like *The Man Show* with your eyes closed :-)] - Ed.]
- 780 **WJAG NE Norfolk** - An addendum to the logging by **Neil Kazaross** in issue 29... WJAG signs ON at Chicago LSR, but signs OFF at LSS in Norfolk (reverse of what the Log shows). (RD-NE)
- 800 **KSOS UT Brigham City** - Has dropped the oldie format, and is now // **KZNS-1280 Salt Lake City with sports programming. (100000watts.com)** [This is sad news, as I always enjoyed listening to KSOS during frequent business trips to the Beehive State when I lived in Idaho. At the time, they were mostly locally-produced programming with a unique auction feature, local news, and such, giving it a real hometown touch - Ed.]
- 870 **WINU IL Shelbyville - 8/24** - CP is on the air with REL programming, excellent signal in Champaign-Urbana 55 miles to the northeast. The former **1560 noted off the air**. Power is 500 watts DA-D. The main lobe is centered at 33° with a deep null to the south/southwest to protect 880 WCBW. ERP is roughly 1100 watts towards my QTH. The two towers are located SE of Assumption, Illinois. (SB-IL) [Steve is correct: they are D3 500/0 and have a nice kidney-shaped pattern to the NE off their two-158 foot sticks - Ed.]
- 910 **KINA KS Salina** - Goes classic country using JRN. However, they keep its sports programming, including **Kansas University** and NASCAR broadcasts. (**Upper Midwest Broadcasting**)
- 910 **KXEB TX Sherman** - Now Latino programming as *La Mejor, Nueve-Diez AM*, first heard Wednesday night, 9/4, on way back from Lima convention. Morning show features personality DJ, with lots of other voices, including phone callers, with laugh tracks, applause, etc. After noon, straight non-personality... with slogan between records... and promos for the morning show. (JAC-TX)
- 940 **KHCM HI Waipahu - 8/17** - Changed to these calls and dropped Japanese programming in favor of C&W. (100000watts.com)
- 940 **KXTK IA Des Moines** - Has switched to religion; ex: sports. The sports operation had been via an LMA with the owner of the **Iowa Cubs** baseball team and **Saga Communications** has gotten the station back. (www.desmoinesbroadcasting.com)
- 970 **KUFO OR Portland** - Now simulcasting rock sister KUFO-FM 101.1, with some break-aways for sports play-by-play. Ex: 'extreme' talk. (**Northwest Broadcasters**)
- 1000 **KCEO CA Vista - 9/1 2145** - Noted with **big band music** and slogan: ... *the station of the stars*. KCEO AM 1000. This slogan sure has made the rounds in SoCal recently! This station used to have an excellent big band format as KML0 in the 80s, which was the only time the station was ever popular; maybe they finally caught a clue. (TH-CA)
- 1010 **WSPT WI Stevens Point** - The **Stevens Point Journal** reports that WSPT (along with their FMer on 97.9 plus WKQH-104.9 Marathon) could be left homeless come September. A sheriff's sale of the two parcels of land that the stations' studios and WSPT transmitter sits on could be auctioned off on September 16 unless owner Rick Muzzy can pay a debt owed to BMI. The newspaper reports that Muzzy's companies owe seven entities more than \$313,000. (UMB)
- 1140 **KCLE TX Cleburne** - Has changed to oldies, calling itself *Solid Gold 1140*. Ex: *Country Gold*. [Ed.-TX]



- 1340 WLDY WI **Ladysmith - Bill Dvorak** of Madison, Wisconsin sends word that, through **Kent Winrich** and **Tim Noonan**, that WLDY (and presumably the WJBL-93.1) was spared by the Labor Day tornado which ravaged this small Upper Midwest town, and managed to stay on the air following its path of destruction. According to **Randy Hudzinski**, President of Flambeau Broadcasting, the tornado came within a block of the station. They went on emergency power and continued broadcasting "without missing a beat." WLDY/WJBL are the only broadcast stations in Rusk County Wisconsin, and are very local-service oriented. Mr. Hudzinski described the station following the tornado as a real "hub of activity." Isn't this what local radio is all about???
- 1400 KBDB NV **Sparks - Has signed on** with classic country and talk. (100000watts.com)
- 1450 KHIT NV **Reno - 7/17 0414 - With ID and into Faded Love. 7/18 0306 - With C&W music, in local KEST's null. Format switch from NOS to C&W. (DKK-CA)**
- 1460 KION CA **Salinas - Has changed these calls to match their CBS-TV affiliate sister station, KION-TV channel 46. Format remains news/talk. Ex: KTXS. (100000watts)**
- 1460 KTFW TX **Waco - (soon to be Burleson) is now Country Gold // 92.1 FM from Glen Rose. [Ed.-TX]**
- 1510 KTIM CA **San Rafael - 8/14 2241 - VID: K-time, KTIM-AM 1510, the Bay Area's new home for country music. Not KKAC as suggested in last DXN p 2; and was heard as KJAZ on 2 May 2002. (BK-CA)**
- 1620 WPNS AL **Atmore - 100000watts.com says this has returned to the air with these new calls. Ex: WPHG. Can't hear them here due to WTAW. Can anyone confirm? [Ed.-TX]**
- 1640 WKSH WI **Sussex - Is being sold to ABC, Inc. and could possibly become the Milwaukee outlet for Radio Disney. (UMB)**

UNIDs (help needed!)

- 1020 UNID ?? - 8/15 0007-0100+ - A preacher popping in and out in EE through KTNQ. KYXE in there also. No ID possible. (DKK-CA)
- 1020 UNID ?? - 9/2 0215 - Raw satellite feed from ABC Sports. Numerous cuts announced with rundown, time, outcue info, and audible cue tone. Presumed to be KINF Roswell, as they were not otherwise heard. (PG-CO)
- 1080 UNID ?? - 8/19 0655 - Very poor, behind KRLD's null (looped N-S), with what sounded like Irish instrumental (violin and git-fiddles) or polka music. Was hoping for an ID at :00, but not a chance under *All-News, All-Day. Infinity Radio . . . blah, blah, blah.* [Ed.-TX*]
- 1230 UNID ?? - 8/22 0740 - Fair, with satellite C&W music, then broken bits of a dropped-in ID that ended with what sounded like . . . *Deming's most-listened-to radio station.* This would absolutely floor me if it, indeed, turned out to be KOTS. Can someone from down that way monitor 1230 to see if KOTS does use that slogan from time to time? (RD-NE)
- 1250 UNID ?? - 9/3 0341 - C&W station popped up, carrying *Country Countdown* syndicated program. Most likely KNEU-UT. (DKK-CA)
- 1270 UNID ?? - 7/21 0304-0330+ - Overpowering KBZZ and KJUG with instrumental brassy songs. Latino/big band/swing etc. No announcements or IDs. Very strong; looped northeast. (DKK-CA)
- 1510 UNID ?? - 7/13 0330-0500+ - Strong, atop KGA, with Nancy De Moss program *Revive Our Hearts* Christian religious show. Would repeat after each 30 minute segment; no IDs or anything. (DKK-CA)
- 1510 UNID ?? - 8/18 0659 - Faintly, under WLAC's legal ID, with a legal ID of their own, ending in what sure sounded like . . . 1510 KFXN. Phonetically, KFNN in Mesa, Arizona is almost a complete match, and I would count it, were it not for the fact that the NRC Log shows KFNN as only putting out 100 watts at night, which surely wouldn't reach Nebraska from where they are. Can someone follow up on this, and find out if KFNN occasionally leaves its day power on overnight? (RD-NE)

TIS & OTHER STUFF

- 530 TIS IL **Urbana - No longer relays NOAA. Now has instructions for Bears/Illini football games. (EL-IL)**



- 1650 WPUJ289 WA **Kent - 8/16 2000 - Good signal, with repeated tape loop of highway conditions. (MS-WA)**
- MIDNIGHT TO MIDNIGHT ELT
- 560 WMIK KY **Middlesboro - 8/13 0130 - Contemporary gospel music, ID at 0205: *You are tuned to 560, WMIK Middlesboro*, then back to gospel. (DBJ-TN)**
- 580 KSAZ AZ **Marana - 9/5 0100 - Chased this one for several hours under WIBW before I got a positive ID. Very wide variety of NOS and OLD. *This is KSAZ, 580 AM, Marana, Tucson.* (PG-CO)**
- 580 WIBW KS **Topeka - 9/4 2234 - *Kansas City Royals vs Oakland A's* play-by-play. If it's important to agriculture, it's important to us, this is the farm voice of Kansas, 580 Radio, WIBW, Topeka. (PG-CO)**
- 600 WSON OH **Salem - 8/11 0200 - Oldies music and ID as *Oldies 600, WSON Salem* followed by local ads and more oldies. (DBJ-TN)**
- 610 KFRC CA **San Francisco - 9/4 0530 - With ID. Rare here and fighting with Albuquerque. (KR-AZ)**
- 610 KNML NM **Albuquerque - 8/31 0720 - Good, with ad for an Albuquerque casino and other local ads. Then mention of 100th anniversary of University of New Mexico basketball. (MS-MB)**
- 620 KTAR AZ **Phoenix - 7/28 0058-0102 - Mentioning tool-free [sic - Ed.] number for a mattress company, *Camelback Subaru* ad, call ID, into ABC News with story of the mine rescue. UnID station competing. (RA-NV)**
- 630 CHED AB **Edmonton - 9/3 0750-0755 - Atop, with contest promo followed by weather, time and several mentions of Edmonton. (DKK-CA)**
- 640 WVLG FL **Wildwood - 8/12 0200 - W (unreadable), *AM 640, Wildwood*, then ABC News sounder. Rough, with WGST and the Cuban horror on the same bearing. (SF-TN)**
- 650 KSTE CA **Rancho Cordova - 9/4 0545 - Talking about the Green Party. (KR-AZ)**
- 650 KIKK TX **Houston - 0/4 0535 - With a woman giving ID under XETNT. Seemed to be focused on business. A zillion years ago, I remember KIKK being C&W. New. (KR-AZ)**
- 660 KZTU OR **Junction City - 7/31 0310 - Above KGDP, in KTNN null, with woman hosting a talk show. Better than KPAM-860. (DKK-CA)**
- 670 KIRN CA **Simi Valley - 9/4 0548 - With Iranian-sounding music. Rarely heard here. (KR-AZ)**
- 690 CBKF-1 SK **Gravelbourg - 9/1 ~ 1405 - Fair, with French talk and SRC net, but not // CKSB-1050 as Saskatchewan does not switch to daylight time. (MS-MB)**
- 730 CKDM MB **Dauphin - 9/2 0100 - C&W oldies then into news, sports and weather. Slogan: *The Most Music, 7-30, CKDM.* (PG-CO)**
- 770 WAIS OH **Buchtel - 9/3 0643 - Good, atop and alone, with country music and weather. Seemed to be a dual ID. New. (EL-IL)**
- 790 KGHL MT **Billings - 7/27 0656 - Good with ID: *News, weather, sports, and great country . . . AM 790 KGHL. Montana #5.* (RD-NE)**
- 790 KGHL MT **Billings - 9/3 0650 - Good-to-fair, atop with country music, many IDs in promo. Midwesterners should try SRS for this one as it is in often here at this time. (EL-IL)**
- 860 CKSB-1 MB **Ste.-Rose-du Lac - 8/31 ~1440 - Fair, in French, with SRC // CKSB-1050. (MS-MB)**
- 880 KRVN NE **Lexington - 9/3 0405 - With ID and weather. (DKK)**
- 920 KPSI CA **Palm Springs - 9/5 0933 - With sports and business into news read by a woman and story about US aircraft bombing of Iraq, then TC. *Its 6:33 KPSI News time.* (KR-AZ)**
- 930 KHJ CA **Los Angeles - 9/5 0941 - Weak, playing old ranchera type music and time check. Conditions have been POOR here in Arizona for some time. (KR-AZ)**
- 930 WBCK MI **Battle Creek - 9/2 2055 - Poor, with local ads, promos, Sporting News. No usual WAUR. (JJR-WI)**
- 940 KNNZ UT **Cedar City - 9/5 0950 - Playing *Charlie Rich's Behind Closed Doors* then giving slogan: *Classic Kickin' Country.* The turntable was slow on the Charlie Rich song. (KR-AZ)**
- 970 KZTK CA **Bakersfield - 9/4 0210-0230 - In KUFO null, with *Rush Limbaugh* and EIB network. ID at 0220 during break. (DKK-CA)**

970 WDAY ND Fargo - 9/2 0153 - Promo for new WDAY News Rover provided by Gateway Chevrolet. Heavy interference at times from UNID SS. Slogan: *Newstalk 9-70*. (PG-CO)

970 KUFO OR Portland - 9/4 0205-0235 - Atop KABL slop with new format and *KHFO* Rocks IDs. Hard rock/Heavy Metal sounds. Ex: Extreme Talk. (DKK-CA)

990 CBW MB Winnipeg - 8/14 0500 - CBC News, then local Winnipeg weather and into BBC programming. (DBJ-TN)

1010 CBR AB Calgary - 8/12 0435 - With news of Calgary and Edmonton. Weather with temps in Celsius and sports at 0445 with CFL scores and talk about the *Rough Riders*. I have been hearing classical off and on at night on this frequency. I am wondering if CBR is carrying this from the CBC... New. (KR-AZ)

1020 KKSC NE Plattsburgh - 9/2 0245 - C&W oldies by *Roseanne Cash* and *Johnny Cash*, then report about Johnny getting out of the hospital. Slogan: *Your full service information source*, AM 10-20, KKSC. (PG-CO) [Plotting KKSC's new 1400 Watts night pattern, they put the equivalent of 10,298 Watts toward 274°. That's directly toward Portland, Oregon. So if you live on the line between, say Omaha and Portland, you're looking right down their wattage. I figure their new site is about 8 miles east of the Iowa-Nebraska state line (yup - inside Iowa).] [Ed.-TX]

1020 KYXE WA Selah - 9/3 0400 - Very strong in KTNQ null, with Mexican music. (DKK-CA)

1030 KLLU OR Reedsport - 8/12 0035-0045+ - Blasting in, with C&W music, over KWTO which had a preacher. (DKK-CA)

1030 KTWO WY Casper - 9/3 0355 - Atop KJDJ, with no KLLU who had been running full 50 kW for several weeks. (DKK-CA)

1040 CKST BC Vancouver - 9/3 0350 - Carrying Sporting News Radio Network // 1260. Ex: 'Team'. (DKK-CA)

1060 KBGN ID Caldwell - 7/17 2325-2330 - With religious program. Gone at 2330. (DKK-CA)

1070 CFAX BC Victoria - 7/12 0300-0305 - Cutting thru KNX, with news. (DKK)

1090 KMXA CO Aurora - 8/29 2205-2215 - With lively Mexican music. XEPRS was carrying *Anaheim Angels* baseball in SS. KMXA was gone after 2215. Power cut? (DKK-CA)

1110 KBND OR Bend - 7/12 0306 - With ID: *News Talk Eleven-Ten KBND*. Atop nicely after news and ads. (DKK-CA)

1140 CHRB AB High River - 9/3 0810 - C&W music. Easy thru semi-local KHTK. (DKK-CA)

1150 KTXA CA Los Angeles - 7/28 0020-0030 - Ads for *Southern California Edison*, an upcoming boxing event at the *Madalay Bay Resort* [I think that's "Mandalay" - Ed.] in Las Vegas. Strong at first, but QRM from KSPN-1140 and unID SS station. No problem with KSL-1160. (RA-NV)

1150 KAGO OR Klamath Falls - 7/12 0309 - Atop with *Art Bell*. (DKK-CA)

1170 KFAQ OK Tulsa - 7/9 0419 - With syndicated talk show. ID: *The New Talk Radio 1170 KFAQ* at 0419. Continued with nice signal next hour. 7/11 0325 with *Rusty Humphries* talk show in nicely. ID at 0328. Again on 7/12 with KLOK again off. KFAQ mixing with KPUG at 0310. Ex: KVOO. KLOK off. (DKK-CA)

1170 KPUG WA Bellingham - 7/9 0445 - Atop with many local and national ads. Mixing with KFAQ at 0310 on 7/12. (DKK-CA)

1190 KMFX MN Wabasha - 7/29 2245 - Fair signal, with WOWO. Country music with ID as *Rochester's Fox Country 102 point 5*. Back on air; listed as off in NRC Log. (SA-MB)

1200 WOAI TX San Antonio - 7/28 0300 - Local weather report and call ID. Faded out completely with QRM from unID station. (RA-NV)

1210 KGYN OK Guyton - 8/14 0440 - Country music and mention of Oklahoma weather. Fair, in WPHT null. (DBJ-TN)

1210 KBSG WA Auburn - 8/12 0045-0050+ - Atop with ads. ID at 0049 and brief weather. *KBSG Oldies 97.3*. Rare at this hour. (DKK-CA)

1220 KWKU CA Pomona - 7/17 0410 - Cutting thru KSFb with woman in SS // to KWKW-1330. Also noted on 7/17 at 2337 below KSFb. (DKK-CA)

1230 WJOB IN Hammond - 8/16 2151 - Fair, under WLLR, with *Chicago White Sox* baseball // WMVP-1000. First Hoosier graveyarder at this QTH. (RD-NE)



1230 KWSN SD Sioux Falls - 8/18 1106 - Weak, under KTNC, with weather forecast and a 1230 KWSN ID by a female announcer. (RD-NE)

1230 KZZR OR Burns - 8/10 0205 - Atop briefly with weather and ID, then into C&W music. Second time heard. (DKK-CA)

1240 KWIK ID Pocatello - 9/1 0259 - ID at 0259:54: *Pocatello's news and information leader*, Radio 1240 KWIK Pocatello, followed by ABC News. Barely thru pileup. (JW-CO)

1240 WTAX IL Springfield - 8/17 0452 - Fair, in fade up, with weather and calls. Loud on peaks. (JJR-WI)

1240 WTAX IL Springfield - 9/2 0600 - Poor, with ID, CBS News after Art Bell. (JJR-WI)

1240 WJIM MI Lansing - 8/16 0506 - Poor, with clear promo and calls. (JJR-WI)

1240 KNEM MO Nevada - 8/10 0759 - Good, with Missouri Network News, then a spot for how to get PSAs aired on KNEM and its FM companion. (RD-NE)

1240 WDXY SC Sumter - 8/15 0300 - At last! With local WJXB nulled: *Your home for the Dr. Laura Schlesinger show, weekdays...* *News Talk 1230 WDXY-AM Sumter, Newstalk 1310 WDKD-AM Kingstree...* I first heard Sumter's other graveyarder, WSSC-1340, thirty years ago next month, on 9-25-72. Two to go from SC: WNMB-900 and WLSC-1240. (SF-TN)

1240 KSSR SD Pierre - 8/31 0000 - Fair, with *Radio for South Central South Dakota*; news. (MS-MB)

1250 KLLK CA Willits - 7/25 0200-0300 - New format is SS pop music. Heard often since. With KEYT. (DKK-CA)

1250 WGL IN Ft. Wayne - 9/2 2130 - Poor, with calls through nulled local WEMP. (JJR-WI)

1260 KTRC NM Santa Fe - 8/8 0659 - Fair, with tail-end of legal ID: ... *KTRC, Santa Fe*. New Mexico #10. (RD-NE)

1260 CFRN AB Edmonton - 8/31 & 9/1-2-3 0200-0400 - Some times with excellent signal in local KOIT's null. Now carrying Sporting News Radio Network. Never heard ToH ID, just dead air. (DKK-CA)

1270 WFRN IN Elkhart - 8/26 2130 - Poor, though steady. Surprised to hear this at night! Rel. (JJR-WI)

1270 KAJO OR Grants Pass - 7/30 2344 - Atop with AM 1270 and KAJO IDs. (DKK-CA)

1290 KBZN CA Santa Barbara - 7/15 0339 - NOS format and ID thru KPAY/KKDD. August has shown KAZA running AN and strong. (DKK-CA)

1300 WRDZ IL La Grange - 7/29 2259 - Fair with Radio Disney programming and ID: *WRDZ AM 1300, La Grange-Chicago...* (RD-NE)

1300 WOOD MI Grand Rapids - 7/29 2259 - Faint, under WRDZ, with ... *WOOD, Grand Rapids* in legal ID. (RD-NE)

1310 KFKA CO Greeley - 7/24 2201 - Fair, with *Colorado Rockies* baseball // KOA-850. (RD-NE)

1310 KEIN MT Great Falls - 7/27 0648 - Good, with satellite nostalgia music, then a promo for morning livestock market reports on 1310 KEIN. (RD-NE)

1320 KSIV MO Clayton - 8/23 2101 - Good, with power cut announcement: *KSIV 1320 would like to remind you...* (RD-NE)

1320 WFHR WI Wisconsin Rapids - 8/23 2059 - Fair, with *University of Wisconsin football* // WIBA-1310. Da Badgers won a thriller over *Fresno State*, 23-21. (RD-NE) [Land sakes ... it's too early for football!! - Ed.]

1340 KATA CA Arcata - 7/21 0300 - ToH ID: *ESPN for the North Coast KATA*. (DKK-CA)

1340 KAVC CA Mojave - 7/22 0240 - With three different IDs while atop. Format was religion. KCBL beneath with sports. (DKK-CA)

1340 KGLW CA San Luis Obispo - 7/20 2255 - Atop and alone, with talk. ToH ID at 2300: *K-Glow KGLW*, and into news. (DKK-CA)

1360 KPOP CA San Diego - 9/3 0335 - With *K-Pop* ID, thru KFIV. Format is Adult Standards. (DKK-CA)

1360 KRKK WY Rock Springs - 7/29 2215 - Good, with local ad and a KRKK AM 1360 ID. (RD-NE)

1370 KSOP UT Salt Lake City - 7/17 2348 - Cutting through KZSF with *You're listening to Gold Country*. C&W music. (DKK-CA)

1380 KWJLCA Lancaster - 8/11 2300 - Atop, with ToH ID after NOS music. Gone immediately after ID leaving KTKZ/KTOM. (DKK-CA)

1400 KBRB NE Ainsworth - 8/22 0820 - Good, in KLIN null, with mention of a program featuring Nebraska's governor Mike Johanns coming up at 12 noon ... *that*

- will be carried on . . . KBRB. Had been after this one for a while. (RD-NE)
- 1410 KKLO KS **Leavenworth - 8/24 0959** - Good, with end of local black church service, then ID: You're tuned to KKLO, 1410 AM, Leavenworth, Kansas. (RD-NE)
- 1430 WXNT IN **Indianapolis - 8/6 2359** - Fair, with ID: *This is the . . . Show on News-talk 1430 WXNT.* (RD-NE)
- 1450 KTIP CA **Porterville - 8/14 2301-2330** - Visalia Oaks baseball (vs High Desert Mavericks). VID: *Your local sports leader, 14-50 K(mumble).* Ad for Idea Printing and Graphics in Visalia, a sponsor of Visalia Oaks Baseball. (DXN Vol. 69 #25 page 19 says KTIP carries Oaks baseball). Used MFJ-1026mw to phase out my local KEST. New. (BK-CA)
- 1450 WKEU GA **Griffin - 8/3 0200** - Readable, with Atlanta Braves plug, legal ID, and ABC News. Long-sought. (SF-TN)
- 1450 WCEV IL **Cicero - 8/13 2145** - Atop briefly with ID: *This is WCEV, 1450 AM . . .* (RD-NE)
- 1450 KWBW KS **Hutchinson - 8/24 0732** - Atop, with ad for a carpet cleaning service called Rainbow International (gave phone number as 665-8151), then a promo for Kansas City Chiefs football, including a mention of BW Radio. (RD-NE)
- 1450 KVOW WY **Riverton - 8/26 0859** - Bronco football program note, ID and into ABC News. Poor in jumble. (JW-CO)
- 1460 KION CA **Salinas - ID at 0400** - Still News/Talk format. *News Talk KION, Salinas-Monterey-Santa Cruz.* Carrying *Coast to Coast* to 0358, then two minutes of ads, ID and into news. Ex: **KTXX.** (DKK-CA)
- 1470 KKFO CA **Coalinga - 7/17 2327** - Popped up with *It's summer and the weather is hot and so is the music, here on KKFO.* Cut power at 2330. Long time since I've heard this. (DKK-CA)
- 1470 KUTY CA **Palmdale - 7/17-18 2315-0125** - With Lancaster Jethawks minor league baseball net. Jethawks vs Giants(?). In/out with XERCN, etal. ID at 0118 followed by ad for Lancaster Firestone. (DKK-CA)
- 1470 KELA WA **Centralia - 7/18 0100-0105+** - With news/ads/weather/ID in very tight null of XERCN. *Northwest Radio Network.* (DKK-CA)
- 1470 KBSN WA **Moses Lake - 7/18 0105** - With ID *Radio 1470 KBSN.* Many promos and local items. Atop briefly in XERCN null. (DKK-CA)
- 1470 XERCN BCN **Tijuana - 7/18 0100** - With ID for Tijuana/San Diego and Radio Unica. Generally the dominant here. (DKK-CA) [Whoops. How'd that one slip in here? - Ed.]
- 1490 KRKC CA **King City - 8/12 0100** - With CL ID way down in mush. (DKK-CA)
- 1500 KSTP MN **St. Paul - 7/13 0402** - Under KSJX, with news. (DKK-CA)
- 1500 KPGM OK **Pawhuska - 8/25 0959** - Fair, in KOSR splatter, with southern gospel music, then ID: *Tell a friend about . . . 1500 KPGM . . .* Heard again at 0859 on 8/26 with same music format and ID of . . . KPGM, *Pawhuska-Bartlesville.* The CL change has taken place; ex: **KOMH.** (RD-NE)
- 1500 KJIM TX **Sherman - 8/15 2218** - Fair, with satellite middle-of-the-road music (such as Mary McGregor's Torn Between Two Lovers and Dan Fogelberg's Heart Hotels), then sign-off, with a mention of . . . *servicing north Texas and southern Oklahoma.* Texas #44. (RD-NE)
- 1510 KTIM CA **San Rafael - 7/26 1755** - Noted with new calls KTIM. *K-Time* slogan. Still C&W. Mostly contemporary, but some classic. Is running until 0130 nightly with lower power. (DKK-CA)
- 1530 WMBE WI **Chilton - 8/29 0723** - Briefly atop, with *ESPN Radio 1530* at end of promo, and back into the mix. First new this season. (EL-IL)
- 1550 WTUX WI **Madison - 8/26 2100** - Fair, with sign-off; no SSB. NOS:MoYL. (JJR-WI)
- 1570 KTGE CA **Salinas - 7/22 0243** - Atop, in SS, with *Radio Tigre* slogan. (DKK-CA)
- 1580 KWED TX **Seguin - 8/6 0728** - Weak, but clear with CL ID and local news items about school board and report on the river conditions and dams about to burst. Faded out and Waco faded in. One-half hour before 'power-up' time. 1st-timer here. [Ed.-TX]
- 1580 KRZI TX **Waco - 8/6 0737** - Poor, but listenable, with mentions of Waco and Baylor University. Rare, this far north, as patterns do not favor this area at tall. [Ed.-TX]
- 1590 KQLO NV **Sun Valley - 8/14 2249-2300** - VID in SS, except call letters in EE: . . . *KQLO, Sun Valley, Reno, (?), Lake Tahoe . . .* Playing SS music. Used MFJ-1026mw to

- phase out my local KLIV. New. (BK-CA)
- 1630 KNAX TX **Fort Worth - 7/31 2259** - Fair, with Spanish REL programming // KTNO-1440. Didn't hear a mention of KNAX in the legal ID, however. (RD-NE) [I noticed this morning (8/24) that they were not // KTNO. 1440 had a local-like SS preacher, while 1630 has La Cadena Christiana - Ed.]
- 1630 KNAX TX **Fort Worth - 8/2 0300** - Fair, with ranchera music and *KTNO Denton-Dallas-Fort Worth, KNAX Fort Worth-Dallas* in heavily accented English. . . . *kah-enny-ah-equis . . . Radio AH-Joe* [as in English - I don't know how to spell it in Spanish], *Fort Worth-Dallas on 8/3 at 0400.* 1630 #5 and Texas #110. (SF-TN)
- 1630 KNAX TX **Fort Worth - 8/3 0435** - Poor signal, under KKWY and KCJJ], with man and woman in Spanish talk. NEW. (SA-MB)
- 1630 KNAX TX **Fort Worth - 8/13 2300** - SS programming // KTNO. Mention of KTNO. Found KTNO on Lowe HF-225 + Space Magnet, then tuned to 1630 and heard same programming. In KCJJ and WTEL nulls. (DBJ-TN)
- 1630 KNAX TX **Fort Worth - 8/20 0703** - SS religious vocal music to 0715, then ID: *Esta escuchando La Nueva Radio Cristiana en el Metroplex, KNAX Fort Worth-Dallas, 16-30 AM con diez mil wats de potencia. La Voz de la Verdad, transmitiendo el evangelio de poder.* Also announced phone number 972-479-0409. Good signal, easily over KKWY, which is only 90 miles from here. New catch, for Texas #159. (JW-CO)
- 1630 KNAX TX **Fort Worth - 8/3 0601** - Heard 1440 *KTNO Denton-Fort Worth*, then into Ranchera-type music. Weak, mixing with KKWY all SS. (GJ-CA)
- 1630 XEUT BCN **Tijuana - 7/31 0220-0302** - Atop KCJJ with program of pop SS instrumentals. Sign-off announcements at 0257. National Anthem at 0258 and off at 0300. OC off at 0302. (DKK-CA) [Another one!!! - Ed.]
- 1660 KTIQ CA **Merced - 8/19 0808** - Programming from Sporting News Radio. Local slogan insert at 0825: . . . *all your favorite sports information on the Central Valley's sports leader, we are The Ticket 16-60.* KTIQ presumed but have yet to get the ID. Fair, mixing with KXOL. (JW-CO)
- 1680 KAVT CA **Fresno - 8/15 2241-2300** - Very poor signal strength, assuming 10 kW non-D. With Radio Disney. VID at 2259. New. (BK-CA)
- 1680 KAVT CA **Fresno - 8/22 0750** - Radio Disney programming with ads and program notes. Quick local ID insert at 0758:50: *Radio Disney KAVT Fresno* and immediately back to RD. ID always occurs around this time and one has to be attentive to catch it. Good QRM-free signal around this time after KRJO and WJNZ have faded out. (JW-CO)
- 1680 WTTM NJ **Princeton - 9/2 2114** - Fair, way over WJNZ a bit. Chinese language programming. (JJR-WI)
- 1700 WJCC FL **Miami Springs - 7/31 0600** - Poor signal, under KBBG, with man in Spanish with, possibly, news and several Florida mentions. NEW. (SA-MB)

GRAVEYARD DX UPDATE

Remember all the GY DX records are on line at: www.angelfire.com/tx2/phantom2/index.html

1490 kHz:

WFAD VT Middlebury Jeff Falconer Clinton, ON

Miles

419

DDXD-East

Looks like DX conditions are starting to improve! As we gear up for another great season, here are a few things to remember when contributing to DDXD-East: (1) The preferred method for receipt of loggings is via email, as an MS Word or Word Perfect attachment. Please email me for formatting instructions. Your logs may also be sent, unformatted, in the body of an ordinary email message. (2) Submissions will also be welcomed via surface mail. I have developed a form for submissions; please ask for it. (3) Please submit your loggings in frequency and chronological order. (4) Do not use arcane abbreviations in your loggings. (5) Always remember to include your name, listening location, and listening equipment. (6) The deadline for submissions is the Wednesday before Paul's editorial deadline (see front page -pls). *Thank you!*

David Gardiner of Collingdale, PA writes to confirm William McGuire's 6/3 logging of 1290 WJBR: "they do carry Blue Rocks baseball and their 2.5 kW day signal gets easily into the Philadelphia area. I've listened to games on my way home from my job at WVCH-740." David also confirms Rich Toebe's 7/6 log of 990 WALE, Greenville, RI: "yes, they are sister station to 1100 KFNX, AZ. Their website, www.renaissanceradio.com, has the info." *Thanks, David!*

Finally, be sure to check out the results of Steve Chappell's "camp out" on 970 (six stations!), Herb Newberry's Georgia bandscan, and Dave Larrabee's bandscan from camp in Maine! Thanks, Steve, Herb and Dave!



REPORTERS

DB-PA Dan Bellesfield, Allentown - Icom R-75, 72' Longwire, Radio Shack Loop
 PLB-MI Phil Boersma, Spring Lake - GE Superadio III
 MKB-ON Mike Brooker, Toronto - Panasonic RF-2200; RFB-45
 MKB-ON1 Mike Brooker, Whitchurch-Stouffville - Panasonic RFB-45.
 SC-IN Steve Chappell, McCordsville - Bearcat DX-1000; 3 terminated loops.
 PC-VA Perry Crabill, Winchester - Drake R8, Kiwa Loop, 100' wire
 MD-MA Marc DeLorenzo, Marstons Mills - JRC NRD-525 & 2 80' slopers.
 DG-PA David Gardiner, Collingdale - GE SR III, JVC R-S11, 1995 Plymouth Neon radio.
 HJH-PA Harry Hayes, Wilkes-Barre - HQ-180, Kiwa Pocket Loop.
 DJH-NJ Dave Hochfelder, New Brunswick - Sony ICF-2010 with Kiwa Pocket Loop.
 RJ-NC Russ Johnson, Lexington - Sangean DT200V, Sony 2010, CCRadio. Internal loopstick, Quantum Phaser with longwires.
 RJ-NC1 Russ Johnson, Holden Beach - Sangean DT200V, Sony 2010, CCRadio. Internal loopstick, Quantum Phaser with longwires.
 DL-ME Dave Larrabee, Millstone Island, Liberty - GE Superadio II, Dipole cut to about 1 MHz, no transmission line - radio at feed point.
 BDM-ON Barry McLarnon, Ottawa - NRD-525, 1 m air-core loop, 40 m inverted-vee, MFJ-1026.
 HN-GA Herbert Newberry, Newborn - Kenwood R-5000 receiver, 600' "T" wire: 300' N, 300' W; Quantum Loop QX Pro (QLQXP); 600' "L" longwire.
 AP-NY Al Prete, on the NYS Thruway near Albany - car radio.
 AR-ON Andy Rugg, on route 34 in Lancaster, Ontario - Car radio in 1996 Buick.
 JV-NY John Vervoort, Brooklyn - Yacht Boy 400 PE

UNID AND PRESUMED

650 UNID — — 8/30 0608 - poor in nulled WSM with *America in the Morning* national news program. (MKB-ON1)
 1170 WFPBp MA Orleans - 7/24 1800 - Frequent references to University of MA and call sign WUMB. (DL-ME)
 1220 WMKlp MA Boston - 7/29 2210 - "AM twelve sixty Radio Disney." Predominant with lots of co-channel. (DL-ME)
 1610 UNID — — 8/3 1400 - Repeating "Number one test, one, two, three, four." Male voice. QSA2, stable, no fading. (DL-ME)

STATION LOGGINGS

540 ✓ WGTH VA Richlands - 8/2 2110 - Extremely weak "WGTH" in noise then S. Gospel song. (SC-IN)
 560 WGAN ME Portland - 7/16 0950 - "News Radio five sixty WGAN." (DL-ME)
 590 WEZE MA Boston - 7/16 1000 - "This is family five ninety, WEZE, Boston." (DL-ME)
 WDWD GA Atlanta - 9/1 0909 - Noted with OC. 10 over S9. I've noticed this occurrence every Sunday morning. (HN-GA)
 600 WFST ME Caribou - 8/5 0800 - "Family Radio WFST, Caribou." (DL-ME)
 600 WBWL FL Jacksonville - 8/12 0741 - Noted with new Disney format. The usual juvenile content, S7 on top of noise on 600' "T" wire, then into slop. (HN-GA)
 WFRM PA Coudersport - 8/13 0600 - "News and information - WFRM, Coudersport", into ABC news, very weak but all alone. New. (BDM-ON)
 WMT IA Cedar Rapids - 8/30 0610 - over CKAT with ID as "Iowa's choice for radio news is News radio 600 WMT", into local weather. (MKB-ON1)
 610 WGIR NH Manchester - 8/5 0805 - "...for New Hampshire's First News." Mention of NH place names. Adjacent channel splatter from WZON. (DL-ME)
 620 WZON ME Bangor - 7/16 1005 - "This is WZON sixty second news update." "For WZON news I'm Al Jackson." (DL-ME)
 630 WPRO RI Providence - 8/5 0810 - "...on WPRO First News" "... on News Radio six thirty, WPRO." Under WZON adjacent channel hash. (DL-ME)
 WNEG GA Toccoa - 8/12 0748 - "Since I Don't Have You", the Skyliners. NOS format. S7 on both antennae, weak but decent signal for 500/44, D1. (HN-GA)
 640 WNNZ MA Westfield - 8/5 0815 - "Sports Radio six forty...on the ZONE" Mention of

central MA locations. (DL-ME)
 WCRV TN Collierville - 8/30 2040 - "In touch" religious preaching program with WGST and Dr. Laura "semi-nulled" on QLQXP. All mixed on top of 10 over S9 slop with UNID CSA SS stations fading in. WCRV fits based on bearing determined by loop. (HN-GA)
 660 WFAN NY New York - 8/5 0827 - "Sports Radio sixty six, WFAN." (DL-ME)
 670 WIEZ PA Lewistown - 9/2 1901 - "...from the WIEZ Newsroom..." followed by ID "WIEZ Lewistown, AM 670", then ABC news. (DB-PA)
 680 WRKO MA Boston - 7/16 0007 - "Here on news/talk six eighty, WRKO." (DL-ME)
 690 CINF PQ Montreal - 7/21 2208 - Checked this one 4 or 5 times over 3 weeks, always continuous French language. From QSA4 night to QSA2 day. (DL-ME)
 WORV FL Jacksonville - 8/23 0708 - Local news, many IDs. No sign of regular WJOX. 10 over S9 on longwire. (HN-GA)
 700 WLW OH Cincinnati - 7/21 2205 - "... WLW Reds update... here on the Big One... at News Radio seven hundred WLW." QSA2. (DL-ME)
 WCAT MA Orange-Athol - 8/2 0835 - "This is oldies ninety nine point nine." FM reference lists WCAT-FM 99.9 for Athol-Gardner, MA. (DL-ME)
 710 WOR NY New York - 7/21 2200 - "Radio seven ten WOR." (DL-ME)
 720 CHTN PEI Charlottetown - 7/21 2155 - "... at seven twenty CHTN... at good time seven twenty ... Charlottetown's Good Time Oldies." QSA3 copied again on the 29th at 2145. (DL-ME)
 WWII PA Shiremanstown - 8/28 0600 - On the air at 0600 covering WRZN ID: "AM 720 The Rock WWII Shiremanstown/Harrisburg." (SC-IN)
 WRZN FL Hernando - 8/28 0620 - Signal kept increasing after 0600 with many ID's and Adult Standards format: "Central Florida's official meeting place WRZN bulletin board" with Hernando address info. (SC-IN)
 730 WJTO ME Bath - 7/16 1015 - "This is seven thirty WJTO." (DL-ME)
 CKAC PQ Montreal - 7/21 2150 - all French talk. Mention of Montreal numerous times. (DL-ME)
 WSTT GA Thomasville - 8/12 0759 - ID at TOH: "AM 730 W-S-T-T", back to UC:GOS music. S7 on QLQXP. (HN-GA)
 740 CHCM NF Marystown - 7/21 2135 - "... and here is weather for East Coast and Central Newfoundland...for VOCN News - Newfoundland Radio Network." Only heard this one evening using the dipole. Otherwise CKGB was dominant through the evening. (DL-ME)
 CKGB ON Toronto - 7/29 2150 - "AM seven forty." Big band format. Toronto area advertising. (DL-ME)
 750 WSB GA Atlanta - 7/21 2130 - "News Talk seven fifty WSB, depend on it." (DL-ME)
 760 WJR MI Detroit - 7/21 2100 - "Lets get an update from the WJR Traffic Center." Followed by area weather forecast. (DL-ME)
 WLLL FL Brandon - 8/25 2001 - SS:OLD music format. Mention of Tampa and Brandon. Just east of Tampa; QLQXP indicates a SSW orientation that "points" to W. Florida coastline. New. Splash from WSB-750 Atlanta. S9 at peak on loop. (HN-GA)
 770 WABC NY New York - 7/21 2128 - "News Talk Radio WABC." (DL-ME)
 780 WCKB NC Dunn - 8/7 1957 - Sign off with mention of 7000 watts and studio on Hwy. 421. No anthem. Fair to good signal. (HJH-PA)
 WABS VA Arlington - 8/9 2000 - Ending talk show then sign off announcement followed by jingle, then off. (HJH-PA)
 790 WTSK AL Tuscaloosa - 8/12 0041 - Promo for program on "The Truth, WTSK Tuscaloosa." 20 over S9 both wires, on top of slop with UC:GOS music. (HN-GA)
 800 CJAD PQ Montreal - 7/21 2120 - "CJAD eight hundred, Montreal's News Talk Leader." Stable with CHRC in French fading up and down. (DL-ME)
 800 CHRC PQ Quebec City - 7/21 2120 - French under CJAD with occasional mention of Quebec. (DL-ME)
 WLAD CT Danbury - 9/2 1956 - Ad for "Ask Lesko", promo for Yankees BB during ID then back into Tom Martino Troubleshooter and into AP News on the hour. Fair with others on night pattern. (HJH-PA)
 810 WHB MO Kansas City - 8/10 0005 - Promo for K.C. Chiefs post game show. Several legal IDs. ESPN format. Ruling the frequency (RJ-NC)

- 14 WEDO PA **McKeesport** - 9/1 1930 - Weak to fair signal w/WGY nulled. Ending religious service then sign off announcement. Mention of 1000 watts and studios on Maple Lane. (HJH-PA)
- 820 WWLZ NY **Horseheads** - 8/19 1928 - Elmira Pioneers baseball, ID and local ad. Dominant until WNYC took over at 1940. (AR-ON)
- WNYC NY **New York** - 8/19 1940 - Station ID and "Fresh Air" cultural program. (AR-ON)
- 840 WCEO SC **Columbia** - 8/12 0812 - Local morning talk show on "The Boss, 830, WCEO." Back on the air, 50,000, D3 with news/talk format. Solid S7 signal on "T" wire. (HN-GA)
- 850 WDJC AL **Birmingham** - 8/12 0819 - New call and format, now religious. S9 level on QLQXP (?? -pls.). (HN-GA)
- 870 WMTW ME **Gorham** - 7/16 1640 - "News Radio, WMTW, All News All the Time." (DL-ME)
- 890 WKNV VA **Fairlawn** - 9/2 1921 - Fair to good signal with announcement of a 9-11 Mass in Blacksburg. ID as "South VA's Southern Gospel Connection, this is Joy AM", also call ID. (HJH-PA)
- WKNV VA **Fairlawn** - 9/2 1924 - "Southwest Virginia's gospel connection, this is Joy AM", followed by gospel music. Also, ID "We are Joy AM, WKNV Fairlawn" at 1927. (DB-PA)
- 900 WLSI KY **Pikeville** - 8/12 0059 - Tuning across 900, heard "Country 900, WLSI, Pikeville" just before TOH. 20 over S9 on top of slop. New. (HN-GA)
- 910 WABI ME **Bangor** - 7/16 1700 - "...on AM nine ten, CNN is next... WABI." (DL-ME)
- 920 WHJJ RI **Providence** - 8/6 2248 - mention of Rhode Island area nursing homes. (JV-NY)
- 930 WJBY AL **Gadsden** - 8/12 0829 - Weather report for Gadsden area "WJBY, your Alabama Radio News Network affiliate", into ARN News. S9 on QLQXP. (HN-GA)
- 940 CINW PQ **Montreal** - 7/16 2058 - "nine forty news and CNN." Montreal news and advertising. "On Montreal's Official Station, nine forty News." (DL-ME)
- 950 WROL MA **Boston** - 7/16 1545 - "AM nine-fifty informative talk for Boston... the Ray Flynn Show... AM nine fifty, WROL." (DL-ME)
- WGTA GA **Summerville** - 8/12 0834 - "La Que Buena, W-G-T-A, 9-5-0, Sum-mer-VILLE" into rancho music. S9 on QLQXP. (HN-GA)
- WROC NY **Rochester** - 8/29 0700 - over WWJ with "News talk 950 WROC" jingle into CNN news. Ex-WBBF. (MKB-ON1)
- 960 WTCH WI **Shawano** - 8/28 2251 - over CFFX with PSA for Wisconsin Make-a-Wish Foundation, into Milwaukee Brewers post-game show. (MKB-ON1)
- 970 WZAN ME **Portland** - 7/16 2106 - "nine seventy WZAN." (DL-ME)
- WKCI VA **Waynesboro** - 8/14 0100 - Good: "This is your home for Rush Limbaugh live at noon 1300 WKCY Harrisonburg-970 WKCI Waynesboro, part of Clear Channel World Wide" into AP Network News. (SC-IN)
- KNEA AR **Jonesboro** - 8/14 0200 - Good: "Talk/Sports 970 AM KNEA Jonesboro Sports/Talk The Fan" into ABC News about US drought conditions. (SC-IN)
- WZAM MI **Ishpeming** - 8/14 0600 - Weak: "This is WZAM 970 Ishpeming all news all day" then AP Network News. (SC-IN)
- KHVN TX **Fort Worth** - 8/14 0628 - Weak: "Heaven 97, you're listening to 97 KHVN" into Gospel song. (SC-IN)
- WBLF PA **Belleville** - 8/17 0404 - Weak: "For Newsbreak 1390 WRSC." Both owned by Dame Broadcasting. (SC-IN)
- WFUN OH **Ashtabula** - 8/17 0700 - Good: "If it's happening now you're hearing it now. More news on AM 970 WFUN Ashtabula" then ABC News. (SC-IN)
- 980 WPGA GA **Perry** and
WKLY GA **Hartwell** - 8/12 0839 - Battling it out on frequency, equal S7 signals on "T" wire. WPGA with ESPN, WKLY with C & W music. Loop no good as Perry is SW, Hartwell NE. No null possible. WKLY new. (HN-GA)
- WLUS FL **Gainesville** - 8/23 0718 - promo for swap shop on "WLUS". On top of S9 slop on longwire. New. (HN-GA)
- 990 WALE RI **Greenville** - 7/16 2116 - "WALE, nine ninety." (DL-ME)
- CKGM PQ **Montreal** - 9/2 1945 - "Team 990, Montreal's Sports Authority", followed by sports talk, lost under music. (DB-PA)

- 1010 WINS NY **New York** - 7/17 1640 - "WINS News Time at the tone four thirty." (DL-ME)
- CFRB ON **Toronto** - 8/21 0100 - noted off. Nothing heard except WINS. (MKB-ON) + 9/2 2019 - "News Talk 1010 CFRB". Strong over WINS, which became dominant just after the ID. (DB-PA)
- WFGW NC **Black Mountain** - 8/23 0725 - PSA for "Shoebox" ministry on "The Truth, 1010, WFGW." Back to southern gospel music in WGUN null on QLQXP. New. (HN-GA)
- 1020 WIBG NJ **Ocean City** - 9/2 1910 - Good with religious programming. ID as "The New Spirit 1020, WIBG" then ad for Callahan's Restaurant. New, I think. This call has been moved around so much, I'll have to check my records. (HJH-PA)
- 1030 WBZ MA **Boston** - 7/22 2042 - "Hear it here, WBZ ten thirty." (DL-ME)
- WEBS GA **Calhoun** - 8/1 0005 - Appears to be satellite fed oldies format. Many "Oldies 1030" IDs. PSA sponsored by Georgia Association of Broadcasters. Over WBZ. (RJ-NC) + 8/12 0844 - Oldies format, ex 1110 3000/3, V1. JRN satellite fed "Oldies 1030, WEBS". If you hear them, send for a verie - they are eager to hear from you! (HN-GA)
- KCTA TX **Corpus Christi** - 8/18 0559 - Popped on the air, way over semi-nulled WBZ, with "Good morning, KCTA is now on the air. KCTA Corpus Christi is owned and operated by Broadcasting Corporation of the Southwest, operating on an assigned frequency 1030 kilocycles with a power of 50,000 Watts", info on studio & transmitter sites, then "God bless you, & thank you for being a part of our broadcast day", into religious program already in progress. They faded out soon thereafter. New. (BDM-ON)
- WUFL MI **Sterling Heights** - 8/31 0709 - creaming WBZ and SS station (presumably WWGB) with ID: "WUFL, where we bring you family life" into gospel song. (MKB-ON1)
- 1060 WBIX MA **Natick** - 7/17 1633 - "This is business ten sixty, WBIX, Boston driving, information, and weather." (DL-ME)
- KYW PA **Philadelphia** - 7/22 2113 - "KYW News Time nine twelve... KYW 24 hour traffic center... give us 22 minutes and we'll give you the world on KYW." (DL-ME)
- 1070 CBA NB **Moncton** - 7/22 2100 - "CBC 1... here is CBC News", and "This is CBC Radio Service for the Maritimes." (DL-ME) + 9/2 2100 - CBC Radio 1 ID, followed by CBC news. (DB-PA)
- 1070 WIBC IN **Indianapolis** - 7/24 2100 - "...Indianapolis, a Time-Warner station." New. (JV-NY)
- WSCP NY **Sandy Creek-Pulaski** - 8/29 0556 - promo for New York State Fair, local farm report, PSA for Natural Resources Conservation Service, losing dog-fight with CHOK, but caught 0600 top of hour ID as "WSCP AM and FM, Sandy Creek-Pulaski" into Ag Radio Network news. (MKB-ON1) + 9/2 2000 - ID "WSCP Sandy Creek-Pulaski", followed by song "We are Young Country". (DB-PA)
- WINA VA **Charlottesville** - 9/2 2004 - "...one Charlottesville station updates news and weather every half hour, AM 1070 WINA..." Heard under WSCP. (DB-PA)
- CHOK ON **Sarnia** - 9/2 2109 - "...1070 CHOK..." heard after song "Taking Candy from a Baby". Also "Great Music Memories AM 1070 CHOK" at 2112. (DB-PA)
- 1080 WTIC CT **Hartford** - 7/17 1638 - "WTIC, ten eighty news" with deep fades. (DL-ME)
- KRLD TX **Dallas** - 8/11 2156 - Poorly received during special SP by WTIC-CT. "The Ringling Brothers and Barnum and Bailey Circus ... Dallas and Fort Worth ... KRLD welcomes the Greatest Show on Earth". (PC-VA)
- 1090 WILD MA **Boston** - 7/17 1659 - "Classic rock and R&B ten ninety Boston, WILD." (DL-ME)
- WMUS MI **Muskegon** - 8/23 on until 2215 - using full 1000 watts, with coverage of NASCAR race. Left an open carrier on all night after that. On 8/24 was still on (again with full 1 kilowatt) at 2300 check with another NASCAR race. Note: WMUS is still licensed as a daytime only station, and FCC-mandated sign-off time in August is 2045. But, hey, rules are for suckers... (PLB-MI)
- 1100 WTWN VT **Wells River** - 8/11 1955 - Very good signal at the end of Billy Graham "Hour of Decision" then PSA about attending church, weather report then anthem. New. (HJH-PA)

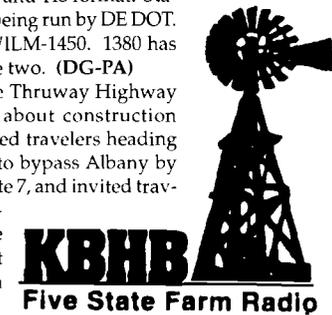
WEIM AM 1280
1000 Watts 1280 AM

- Talk Radio." (DL-ME)
 + 8/10 2000 - This rarely heard one in super strong. ID as "Talk Radio WNTK-FM 99.7 and WNBX 1480 AM." AP News. After news, an ad for Riverside Fish House in Lebanon then into Rusty Humphries program. (HJH-PA)
- 1500 WSDS MI Ypsilanti - 8/29 0643 - over WHBC with ad for Great Lakes Energy, ID: "Michigan's talk radio, 1480 WSDS". (MKB-ON1)
- 1500 WLQV MI Detroit - 7/31 2114 - "Fifteen hundred WLQV" ID, then preaching by a christian minister. Mixing with WTOP. New. (JV-NY)
- WGHT NJ Pompton Lakes - 8/30 0708 - over WTOP with slogan "North Jersey 1500 GHT", into "Exclusive News Center WGHT forecast" local weather. (MKB-ON1)
- 1510 WWZN MA Boston - 8/3 1700 - "Sports Talk... ten, the Zone, Boston's Sports Station." (DL-ME)
- 1530 WJDZ CT Bridgeport - 8/3 1940 - "on fifteen thirty, WDJZ." Unusual ethnic programming. (DL-ME)
- KSMN MN Shakopee - 8/18 0155 - Two gents talking in Spanish, then dual EE/SS KSMN ID, fair under nulled WSAI. First noted on 8/8, and heard on several successive evenings. They seem to be reluctant to power down to a meagre 10 Watts at night! (BDM-ON)
- WLSP MI Lapeer - 8/29 1923 - fair over nulled WSAI with ID: "You're listening to the Michigan Talk Radio Network on AM 1530 WLSP". (MKB-ON1)
- 1540 WGIP NH Exeter - 8/3 1508 - "WGIR is a Clear Channel radio station... CNN Net News/Talk." Weak. Only caught part of an apparent multi station ID. (DL-ME)
- KXEL IA Waterloo - 8/31 0606 - good in CHIN null with promo for Bruce Williams show, 6 to 9 PM on "News Talk 1540 KXEL". (MKB-ON1)
- 1550 WNTN MA Newton - 8/3 1500 - "You are listening to fifteen fifty WNTN." Celtic music and Eastern MA area ads. (DL-ME)
- 1550 WVAB VA Virginia Beach - 8/19 1959 - "15-50, WVAB, Virginia Beach". Heard through residual QRM in WMRE-WV null. (PC-VA)
- WLOR AL Huntsville - 8/21 2045 - R&B music interspersed with "Jammin' 1550, R&B and Oldies" DJ patter, taking requests at 1-800-227-7685, peaking well over CBE, UNID SS and several others, and gone by 2100. New. (BDM-ON)
- 1560 WQEW NY New York - 8/3 1450 - Radio Disney. No ID on the hour. QSA3 to QSA0 on long slow fades. Liked it a lot better when it was WQXR. (DL-ME)
- 1570 WNSH MA Beverly - 8/3 1440 - North Shore MA ads. "on North Shore's rock and roll... fifteen seventy." (DL-ME)
- WSSA GA Morrow and
 WGSR FL Orange Park - 8/12 0932 - WSSA in foreground with southern gospel music; WGSR way in back with UC:GOS. WGSR occasional deep fades. Both S9 on QLQXP. (HN-GA)
- WISP PA Doylestown - 8/30 0700 - good with top of hour ID: "This is WISP, Doylestown-Philadelphia, proclaiming Jesus Christ at the dawn of the new millennium." (MKB-ON1)
- 1580 WPKY KY Princeton - 8/2 2302 - Very weak "WPKY" in noise. (SC-IN)
- WZKY NC Albemarle - 9/2 2022 - Up to almost fair level while competing with an UNID Gospel station. Slogan "The Oldies Just Get Better on Oldies 1580, WZKY". I would be curious as to what power they use in the evening. It does not sound like it could be 12 watts. (HJH-PA)
- 1600 WUNR MA Brookline - 8/3 1450 - "This is WUNR Brookline." Spanish/salsa - ID on the hour. (DL-ME)
- 1600 WAOS GA Austell - 8/18 1754 - Romantica music noted. "La Mexicana" slogan // WXEM 1460. Much improved signal, at TOH, full legal IDs: "WAOS Austell, WXEM Buford, WLBA Gainesville. AM 1600, 1460, 1130 "La Mexicana". (HN-GA)
- 1610 CJWI QC Montreal - 8/7 0454 - Good with FF calypso music and lengthy FF ID at 0502 well over Woods Hole, MA TIS (MD-MA)
- 1620 WDHP VI Fredriksted - 7/21 2205 - C&W music dedication program. Local announcer doing dedications to listeners in St Thomas and Jacksonville, Florida. Strong signal. (RJ-NC1)
- WTAW TX College Station - 8/2 0457 - Fair atop channel with talk program and ID at 0500 "News, Weather, and Sports daily six to nine with...on NewsTalk 16-20

- WTAW College Station-Bryan" and into CBS News. (MD-MA)
- 1630 KCJJ IA Iowa City - 8/6 2308 - weather report followed by "KCJJ" singing ID. (JV-NY)
- KNAX TX Fort Worth - 8/8 2333 - Strong over WTEL/WRDW with ranchera music, male DJ in Spanish and slogans "Radio Vida" and (phonetic) "Radio AH-joe." ID at 2400 in Spanish seemed to be for both KDTN-1440 and KNAX-1630. (MD-MA)
- + 8/19 0050 - Noted SS Tejano/Religious format station now on air, SS:GOS music. Had read that KNAX was soon to be on the air. Parameters are 10000/1000 U1 // KDTN-1440. ID at TOH in SS with mention of "Fort Worth", "Arlington" (referring to KDTN) and "Radio Vida". At 0102, into a SS:REL preacher-type program. 20 over S9, over the top of former regulars WTEL, Augusta (semi-local) and KCJJ, Iowa City. New! (HN-GA)
- 1650 KDNZ IA Cedar Falls - 8/10 2314 - Clobbering usual dominant WHKT (Radio Disney) with Fox Sports Radio and ID "Art Bell every night midnight to five on KCNZ" followed by ad for Comfort Inn. Good conditions to the west tonight. (MD-MA)
- WHKT VA Portsmouth - 8/11 2215 - Radio Disney, with usual inane music for this genre. No ID until 2300, when announcer interrupted with, "You are listening to WHKT, Portsmouth". A new format for this station. (PC-VA)
- KWHN AR Fort Smith - 8/23 0743 - 20 over S9 on longwire - very dominant. No sign of WHKT. "Newsradio 1650, KWHN". (HN-GA)
- 1670 WTDY WI Madison - 8/7 2219 - mention of Madison. (JV-NY)
- 1680 WTIR FL Winter Garden - 8/21 2225 - "WTIR Winter Garden-Orlando." (JV-NY)
- 1690 WPTX MD Lexington Park - 8/21 2228 - "that's the latest southern Maryland update. I'm Craig?... you're listening to news/talk sixteen-ninety AM WPTX Lexington Park." Then CNN news. (JV-NY)
- 1700 KTBK TX Sherman - 7/13 2231 - Fair over/under WJCC with Dallas Desperados Arena Football. ID at 2242 "This is Desperado Football...on Sports Radio 13-10" obviously simulcasting with KTCK-1310. (MD-MA)

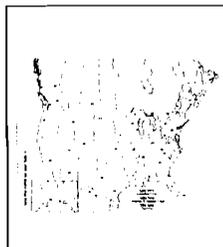
TIS, HAR

- 1380 WTMC DE Wilmington - 8/12 1023 - good signal and TIS format. Station was formerly WAMS and is now being run by DE DOT. Running U1 520/30 diplexed with WILM-1450. 1380 has much the better daytime signal of the two. (DG-PA)
- 1610 WNVV205 NY Albany - 8/31 1138 - New York State Thruway Highway Advisory Radio with information about construction projects on the Thruway. Also advised travelers heading north to the Adirondack Northway to bypass Albany by using Interstate 787 to go to State Route 7, and invited travelers to visit upstate New York during fall foliage season. I listened to the messages three times to confirm that the third letter in the call sign is not a B. (AP-NY)



NRC Station Location Map Book

7th edition - \$13.00 postpaid to members (\$17.95 non-members; outside N. A., contact Pub Center)
 The 7th Edition is revised through September 1st 2002 and will ship after October 9, 2002. Edited by Bill Hale, it contains maps for all frequencies with locations noted for every station in the USA and Canada. 8 1/2 X 11 format, three hole punched. Includes latitudes & longitudes for every station. Large type with formula and instructions by NRC'er Dave Sundius. Designed for use with the AM RADIO LOG and the NIGHT PATTERN BOOK. Order "SLM" from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.



International DX Digest

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

If the following DX logs are any indication, the unusual third peak of solar activity during cycle 23 is being felt on mediumwave frequencies. Typically Latin American reception is enhanced while higher latitude transoceanic signals are subdued by auroral conditions.

Transatlantic DX

- 684 **SPAIN** RNE Seville SEP 3 0247 - Fair, with pop music and female vocal. [Dangerfield-PA]
 891 **ALGERIA** Chaîne 1, Alger AUG 9 0205 - Fair; Arabic vocal with string accompaniment, parallel an unbelievably strong 153 kHz signal. [Conti-ME]
 945 **FRANCE** France Bleu, Toulouse AUG 9 0138 - Fair; French vocal parallel 1206. [Conti-ME]
 981 **ALGERIA** Chaîne 2, Alger AUG 9 0130 - Presumed this with a strong open carrier or extremely weak modulation, and a strong het against 980 kHz domestics. [Conti-ME]
 999 **SPAIN** COPE Madrid AUG 9 0119 - Good; man in Spanish and a BB King song, het blasting 1000 kHz signals. [Conti-ME]
 1098 **SLOVAKIA** Nitra SEP 3 0252 - Fair, with soft instrumental music. [Dangerfield-PA]
 1134 **CROATIA** HRT Zadar SEP 4 0158 - Fair, with Croatian music. [Dangerfield-PA]
 1206 **FRANCE** France Bleu, Bordeaux SEP 2 2309-2327 - Good with French pop vocals and a man and woman in French. Very readable signal. [DeLorenzo-MA]
 1215 **SPAIN** COPE synchros AUG 8 2340 - Telephone talk in Spanish well over *Virgin Radio*. [Conti-ME]
 1377 **FRANCE** France Bleu, Lille AUG 8 2330 - Good; adult contemporary French vocals, parallel 1206. [Conti-ME] SEP 3 0305 - Fair, with woman in French, news. [Dangerfield-PA]
 1521 **SAUDI ARABIA** BSKSA Duba AUG 8 2250 - Good; Middle Eastern vocal parallel 9555 and 9870, off at 2303. Shortwaves signed off at 2300 exactly. [Conti-ME] SEP 2 2255-2302 - Loud with a man in Arabic and brief bridges of Middle Eastern music parallel to 9555 and 9870; six time pips at 2300, long announcement by man in Arabic to 2302 sign off. Steady signal with no fading. [DeLorenzo-MA]
 1548 **KUWAIT** R.Sawa, Kuwait City SEP 3 2302-2359 - Good in long peaks with male DJ in Arabic and variety of music including up-tempo Middle Eastern, Arabic pop, US pop, US R&B, and US dance. English IDs, "This is Radio Sawa," at 2315 and 2359. [DeLorenzo-MA]
 1584 **CEUTA** RadiOlé, Ceuta AUG 8 2315 - Good; flamenco-influenced high energy pop music, well over *SER Spain*. [Conti-ME]

Ben speaks: TA reception has picked up a wee bit the last few days, but this is expected come September. However, compared to last year at this time, it isn't nearly as good, so I guess the solar activity hasn't as yet peaked. Perhaps we will reach the max by year end, and conditions will improve then. In the meanwhile, I continue to make my nightly dial checks. Signals here are mainly from Spain on 684 and to some extent, 855, Croatia-1134, Slovakia-1098, and France-1377. UK-1089 is hetting, as are Saudi-1521 and 1512, and Libya-1251 kHz. 1467 was noted weakly the other night. Prior to the NRC/DXAS Convention I did have one night with an opening from Kuwait-1548 and Spain-1521. The LWers on 162, 171, and 183 have been audible. LAs have not been very strong so no use reporting them.

The Lima convention was fun as usual, but there was very little talking about foreign reception, past or present. Enjoyed seeing John Callarman again, and others. Al Merriman was there but seems to have lost all interest in DXing. Too bad, as he has a great location. We will be going back to London, Paris and Rome in October so perhaps I can bring back some interesting information.

Marc speaks: A week ago, Debby & I pounded two 8-foot copper ground rods into the ground. Then this past Sunday Mr. Connelly came over and installed a balun for noise reduction and also gave me a new phasing unit. Wow, the system works great! I hope to be able to send you lots of reports this year.

Pan-American DX

- 530 **TURKS & CAICOS** R/VCI North End AUG 5 0312 - Female Spanish speaker, religious talk, strong signal domi-

Bruce Conti nrcidx@aol.com
 46 Ridgefield Drive
 Nashua, NH 03062-1174



London
 General and Entertainment Service

- nating channel, mentioned "Cristo" and "Satanica." + AUG 7 0745 - Organ music with tenor Spanish singer, loud. + AUG 22 0558 - Spanish preacher, loud, into station break, "Turks & Caicos Islands, British West Indies," followed by a religious hymn. [Stromsted-MA]
 535 **GRENADA** GBC St George's JUL 30 0743 - Very weak. Splatter from 540 domestic signals. + AUG 7 0753-0802 - Fast Caribbean music, deep bass and steel drums. + AUG 22 0652 - BBC news, male English newsreader, "European countries dumping sugar on the international market... depressing prices for third world exporters," faded at 0714. [Stromsted-MA]
 540 **MEXICO** XEWA *La Voz de la América Latina* AUG 22 0935 - Male Spanish news, followed by music at 0946. I don't know the names of the music styles well but believe it was the ranchero type, parallel 900 Mexico DF and Veracruz. Big signals on both frequencies, only during dawn enhancement. [Stromsted-MA]
 555 **ST. KITTS & NEVIS** R. ZIZ Basseterre AUG 7 0755 - Male English vocal calypso tune and another fast Caribbean musical selection. Male English tenor vocal, no station break at 0800. + AUG 22 0652 - BBC news, identical to news on 535 kHz. [Stromsted-MA]
 580 **PUERTO RICO** WKAQ *R.Relejo*, San Juan AUG 9 0920 - Good; news, cadena *Radio Relejo* ID, with WTAG nulled out. [Conti-ME]
 600 **CUBA** *R.Rebelde*, Urbano Noris AUG 22 0720-0844 - Parallel 670, 710, 1180, and 5025 with same program, under domestics. [Stromsted-MA]
 610 **VENEZUELA** *R.Centro*, Cantaura AUG 10 0715 - Fair; tropical music, "Radio Centro 610 AM" ID, in CHNC null. [Conti-ME]
 630 **PUERTO RICO** WUNO *NotiUno*, San Juan AUG 10 0840 - Fair; "aquí de NotiUno" and telephone talk. [Conti-ME]
 640 **CUBA** *R.Progreso* AUG 23 0401 - ID given as *Radio Progreso*, mid 50's rock music! Good signal over *R.Guadeloupe*. [Stromsted-MA]
 640 **GADELOUPE** *R.Guadeloupe*, Pointe-à-Pitre AUG 10 0615 - Presumed with talk in French, not parallel 1375 RFO St. Pierre, over *R.Progreso* Cuba in CBN Newfoundland null. [Conti-ME] AUG 26 0215 - Song in English, "Now you are here" male solo with chorus - loud, alone on the frequency, *Radio Guadeloupe* ID at 0215 then a concert with calypso female vocal "I got you," applause, no station break at 0300, more live music continued. + AUG 27 0101 - RFO international news in French parallel 1375 St. Pierre, after news, ID as *Radio Guadeloupe*. Later news segments not parallel St Pierre. Good signal! [Stromsted-MA]
 640 **VENEZUELA** *Unión R.*, Puerto La Cruz AUG 10 0835 - Excellent; "Unión Radio, la radio de noticias," and "más información nacional" news. [Conti-ME]
 650 **COLOMBIA** RCN *Antena Dos*, Bogotá AUG 10 0629 - Good; "mejores canciones Colombiano de amor" promo, RCN ID, and salsa music. [Conti-ME]
 670 **CUBA** *R.Rebelde*, Arroyo Arenas AUG 22 0720-0844 - Parallel 1180, 5025, etc., same program. Over/under WSCR. [Stromsted-MA]
 690 **ANGUILLA** *Caribbean Beacon*, The Valley AUG 9 0855 - Fair; Dr. Gene Scott talking about the Great Pyramid, parallel 6090, in CINF null. [Conti-ME]
 700 **JAMAICA** RJR Montego Bay AUG 26 0303 - Female newscaster in Caribbean accent, reporting on an event in Kingston, low frequency het under. Also RJR off a few cycles from WLW (under). Love song followed, female singer with piano accompaniment. Splatter from 690 kHz (Canada). [Stromsted-MA]
 700 unID AUG 10 0640 - Het on the low side of 700 against WLW, likely from *R.Net* Colombia. [Conti-ME]
 710 **CUBA** *R.Rebelde*, La Julia and others AUG 22 0720-0844 - Parallel 1180, 5025, etc., same program, under WOR. [Stromsted-MA]
 720 **BRAZIL** unID AUG 9 0850 - News/talk in Portuguese, lost to CHTN before top of the hour ID. [Conti-ME]
 730 **COLOMBIA** *Melodia* Bogotá AUG 10 0650 - Fair; "en Melodia" time check, accordion ranchera vocals, in CKAC null. [Conti-ME]
 740 **BRAZIL** unID AUG 9 0445 - Fair; Brazilian pop organ instrumentals, announcement and ID in Portuguese lost in thunderstorm interference. *R.Sociedad de Bahía* likely. [Conti-ME]
 750 **BRAZIL** *R.América*, Belo Horizonte AUG 9 0835 - Good; presumed this with news in Portuguese by two men, many Americana references, "ponto trinta cinco" time check. [Conti-ME]
 750 **VENEZUELA** RCR *Caracas* AUG 8 0044 - Female Spanish caller, male Spanish talk host about baseball, mentions LA, Florida, etc., radio quiz show. Strong signal. [Stromsted-MA]
 760 **COLOMBIA** RCN Barranquilla AUG 9 0830 - Fair; telephone interview, "la radio de Colom-

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- bia" jingle. [Conti-ME]
- 780 **VENEZUELA** *R.Coro*, Coro AUG 9 0825 - Good; the familiar "Radio Coro 780, primer lugar de sintonía" ID and tropical music. [Conti-ME]
- 780 unID AUG 27 0030 - Argentine tango program with male vocal heard, but assume a Venezuelan or Cuban station. Good signal. [Stromsted-MA] *Ecos del Torbes* Venezuela often broadcasts cultural programs, check for a parallel at 4980 kHz.
- 800 **NETHERLANDS ANTILLES** *TWR* Bonaire AUG 8 0043 - Tentative; Portuguese male speaker, under local domestic with minor league baseball. [Stromsted-MA]
- 810 **MEXICO** *XERSV* Ciudad Obregon, Sonora SEP 5 1321 - Very strong playing some exceptional romantic ballads. KGO was weak under. [Redding-AZ]
- 810 **MEXICO** *XEFW* Tampico AUG 22 1100+ Open carrier obliterating the frequency until instrumental anthem at 1104, quick ID and full call into music. S9+10 signal all alone. [Loy-IL]
- 820 **CUBA** *Jammer* AUG 17 0430 - Grinding away here, strong. Anyone ever determine the target? 1140 remains clear as it has for a few months now. [Crawford-FL]
- 820 **ST. KITTS & NEVIS** *Trinity Broadcast Network* AUG 22 0616 - Tentative; two preachers, one American accented and another sounded Caribbean, "God doesn't care where we are! Jesus leads the way," low frequency rumble 819.98 kHz. [Stromsted-MA]
- 840 **BRAZIL** *R.Bandeirantes*, São Paulo AUG 9 0820 - Good; dog barking and rooster crowing in promo or ad string, *Bandeirantes* ID, Brazil mentions. [Conti-ME]
- 840 **HAITI** *4VEH* Cap Haitien AUG 23 0330-0400 - Tentative; religious program with French Caribbean preacher non-stop 'til 0400 with abrupt sign off. No clear call letters heard. This station was building to a very strong peak dominating the frequency (over WHAS and other Latino stations). St. Kitts on 820 also loud at the time. The French was peculiar island style. I visited Haiti twice in the US Navy to donate clothing with others to an orphanage. [Stromsted-MA] AUG 24 0000-0400 - Haitian kreol gospel programming all evening, fair peaks through much stronger "W" Santa Clara; one semi-readable "katwa ve e ash" ID around 0130 during promo for some kind of conference, but really clinched at 0358 with the traditional "Amazing Grace" organ-chime interval signal. Been a while, glad to hear it again. Am not aware of any other Haitian MWers making it out of the country these days. [Crawford-FL]
- 840 **PUERTO RICO** *WXEW* *R.Victoria*, Yabucoa AUG 10 0855 - Fair; romantic music, announcer with Radio Victoria ID, wiped out at 0900 by WRYM sign-on. [Conti-ME]
- 840 unID AUG 5 0324 - Over WHAS, religious program, "Aleluja," male Spanish preacher, high voice, screaming delivery, "¡Dios! Dios!" [Stromsted-MA] Likely WRYM New Britain CT.
- 850 **CUBA** *R.Progreso*, Trinidad AUG 16 1005 - Weak, Spanish male news actuality from Cienfuegos, parallel 640, fair peak, *R.Relej* on the frequency also. [Crawford-FL]
- 860 **BRAZIL** *R.CBN* Rio de Janeiro AUG 9 0810 - Fair; a man and woman alternating with news items in Portuguese, CBN jingle. [Conti-ME]
- 870 **DOMINICAN REPUBLIC** *R.La Vega*, La Vega AUG 16 2337 - Male ID, "Radio La Vega, la potente," into Spanish male vocal, fair, mostly alone on the channel. [Crawford-FL]
- 880 **VENEZUELA** *R.Paraguáná*, Punto Fijo AUG 17 0414 - Salsa, male time check and ID into Spanish rock, fair through *Progreso*. [Crawford-FL]
- 890 **CUBA** *R.Progreso*, Chambas AUG 23 0350-0400 - Political talk, male and female Spanish, many mentions of Cubana, Mayagues and definite ID as *R.Progreso* on the hour. Dominant on channel, loud. [Stromsted-MA]
- 890 **CUBA** *R.Rebelde* AUG 26 1000 - Noted here with Spanish male ID into news program, presumably "Haciendo Radio," parallel 1180, through co-channel WLS and unID XE at the time. *R.Progreso* snapped back on channel 1014 obliterating the remainder; the latter seems to be the source of the "big open carrier" of the past couple of nights, with the tx constantly going on/off every few minutes and showing occasional brief bursts of frequency instability. It's presumably the web-listed Ciego de Avila site and probably one of the 30 kW outlets. *R.Progreso* off again abruptly 1026, back 1027. [Crawford-FL]
- 890 **MEXICO** unID AUG 25 0100-0400 - Possibly Wiseblood's XEBY Veracruz, occasionally rising through *R.Progreso* with XE-cumbias, no announcements whatsoever copied when audible. 0355 had vocal XE national anthem. Big open carrier popping onto channel occasionally also for a few minutes at a time, no idea who that would be. [Crawford-FL]
- 890 **UNITED STATES** *KVOZ* Texas AUG 27 0930-1015 - Back on the air again while checking for XEBY, Spanish evangelical music programming, occasional IDs as "La Cadena de la Nueva



- Radio Cristiana," then at 0951, "Christian Radio Network" quick ID. No callsign noted top of the hour, did run promo for Laredo gathering of some sort though. Rough audio, but strong signal well over WLS, presume they left 10 kW daytime power up overnight. XE national anthem squeaked through this one co-channel at 1000 but not good enough for ID, so the XE proper remains on the target list. *R.Progreso* extremely sparse this AM. [Crawford-FL]
- 894.99 **ST. KITTS & NEVIS** *Voice of Nevis*, Bath Village AUG 14 0159 - Good signal with sign off anthem in English, then off the air. + AUG 15 0158 - Again at sign off, "This ends another broadcast day of VON... 10000 watts," fading in/out. [Stromsted-MA]
- 900 **MEXICO** *XEW* *La Voz de la América Latina* synchros AUG 22 0935 - Male Spanish news, followed by music at 0946. I don't know the names of the music styles but believe it was the ranchero type, parallel 540. At 0953, call in program with male caller and male Spanish talk host. The signal on 900 kHz was strong but frequently broke into multiple echos much like the RNE Spanish synchro stations on 855. This created an almost laughable condition only dissolving when either the Mexico City or Veracruz outlet dominated. I thought I sometimes heard three echoes and wonder if there is a third 900 kHz relay station to XEW. The parallel signal on 540 kHz (San Luis Potosi) was also strong but clear at all times (no echoes) and dominant on the frequency. I caught a station break on 540 that included "Republica de Mexico" and many mentions of Mexicana, etc. On both frequencies domestic stations were flattened and caused little interference during the enhancement. [Stromsted-MA]
- 900 **VENEZUELA** *Ritmo 900*, Maracaibo AUG 9 0152 - Fair; *Radio Venezuela* promo, rather rustic female vocal, over/under "Light Rock 900 CKDH" Nova Scotia. [Conti-ME]
- 930 **MEXICO** *XEU* Veracruz AUG 9 0955 - Organ muzak, then "La U de Veracruz" sung jingle, Spanish male UTC-5 time check, into piano music, fair over *R.Relej*. The *Relej* carrier has been rather warbly here past few days. [Crawford-FL]
- 930 **PUERTO RICO** *WEKO* Cabo Rojo AUG 16 0945 - "Radio Puerto Rico" network news programming, ads for headache medicine or similar, fighting with malfunctioning *R.Relej* transmitter. Good peaks. [Crawford-FL]
- 940 **CUBA** *R.Progreso* AUG 17 0417 - Spanish female vocal parallel 640, poor through *Relej*. Unlisted, last reference I could find was the Novello cruise log in 1998. [Crawford-FL]
- 940 **CUBA** *R.Relej* AUG 7 0741 - Tentative; male Spanish reading news with clock ticks in background, above/below CINW and another Spanish station under with tropical music. [Stromsted-MA]
- 940 **MEXICO** *XEWV* Mexicali SEP 5 1345 - Weak under KNNZ giving mention of being a *R.Formula* station. Primera vez. [Redding-AZ]
- 940 **MEXICO** *XEQ* *Enamorada* 940, México AUG 22 1000 - After a romantic song, I heard a sultry voiced female announcer say "Enamorada," followed by a burst of advertisements in Spanish, one started with a car horn in traffic denoting the city I suppose, followed by rapid fire male Spanish advertisement copy. During this opening CINW was not heard. [Stromsted-MA]
- 990 unID AUG 4 0106 - Portuguese male speaker under domestic station mix. [Stromsted-MA] WALE Greenville RI?
- 1000 **US VIRGIN ISLANDS** *WVWI* *R.One*, Charlotte Amalie AUG 9 0114 - Good; "Atlanta Braves baseball, a Radio One exclusive," strong het from 999 Spain, no sign of WMVP. [Conti-ME]
- 1000 **VENEZUELA** *La Caribeña*, Morón AUG 9 0125 - Good; a very long string of lackluster commercial announcements for businesses in Puerto Cabello, with Carabobo mentions. [Conti-ME]
- 1020 **VENEZUELA** *Mundial Margarita*, La Asunción AUG 9 0030 - Good; rustic music, "sintonía de Onda Musical Mundial." [Conti-ME]
- 1040 **VENEZUELA** *La Voz de Carabobo*, Valencia AUG 9 0015 - Tropical music, *La Voz de Carabobo* ID, seemed to be one of at least two stations off-frequency by about -0.5 kHz producing a messy het on the low side of CJMS. [Conti-ME]
- 1060 **MEXICO** *R.Educación*, México AUG 22 0857 - Did not capture call letter ID, but strong signal, Mexican music with slow but sad female lyrics. Over/under KYW, peaking with other Mexican stations at the time (dawn enhancement). [Stromsted-MA]
- 1080 **VENEZUELA** *R.Barcelona*, Barcelona AUG 8 2355 - Good; Barcelona ads, "ocho cero minutos" UTC-4 time check at the top of the hour, in WTIC null. [Conti-ME]
- 1090 **VENEZUELA** *Unión R.*, Caracas AUG 8 2350 - Political speech with many "en Venezuela" mentions, dominant signal without phasing. [Conti-ME]

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1180 **CUBA** *R.Rebelde* AUG 22 0720-0844 - Loud signal over WHAM Rochester, parallel 5025 (some flutter), 600, 670, and 710. Male Spanish talk followed by female and male talk over Cuban music background. [Stromsted-MA]
- 1610 **ANGUILLA** *Caribbean Beacon*, The Valley AUG 4 2358 - Caribbean steel drum over and over prior to a program change? + AUG 15 0059 - Latin music, accordion with gospel singing, "Halleluiah." [Stromsted-MA]
- 1620 **US VIRGIN ISLANDS** WDHP Frederiksted AUG 9 0046-0100 - Good in peaks with country & western music. ID at 0100, "WRRR 1290 The Reef, simulcasting with WDHP 1620 AM, WAXJ 103.5 FM The Reef, The United States Virgin Islands..." followed by radio promo jingle and ad for used car dealer in St. Croix. Atop channel over an unknown TIS. [DeLorenzo-MA] AUG 14 0024 - Male English commentator, "The people of the Virgin Islands elect them (political candidates)," over TIS radio briefly, then fade out. [Stromsted-MA]
- 1660 unID AUG 22 0850 - Male and female talk show and call-in, over/under WWRU and off frequency 10 cycles (?) producing loud hum on channel. Puerto Rico? [Stromsted-MA]
- 1700 unID AUG 22 0855 - Male Spanish religious vocal, slick programming. Alone on the channel. Bolivia was mentioned during a fast station break but assume that is an affiliate, also mentioned an FM outlet. This could be a US station, or not! [Stromsted-MA] Perhaps WAFN on the *Voz Cristiana* network.

David speaks: Picked up a used mint Drake R8A this weekend to supplement the existing R8. Overall Drake is living up to its excellent reputation, but I'm still getting used to their inner-vs.-outer knob reversals and kHz-instead-of-MHz frequency entry method change between the models, plus I'm disappointed that they eliminated the AGC-off capability; that feature was *very* useful for really weak signals, subaudible hets, and interference conditions.

Erik speaks: This is the first time my new N/S antenna has brought in Mexican signals on a brief surprise opening, but really loud, so very interesting. I looked for other Mexican high power outlets but no dice. I used to listen to XEW, XERF, XERA, etc. in NJ when I was in high school in the forties but conditions are much, much tougher now! *Radio Guadeloupe* has been in almost every night, sometimes near local levels. The Jamaican station (700) was weak but audio readable. Back in the early 50's I visited Jamaica and dined with the former Gov. General of Kenya (retired) and the Jamaican Labor Minister at a Womens Club benefit dinner/dance.

Contributors

- Bruce Conti, Camden ME; R8B, MWDX-5, 6-m tall by 15-m wide east-west broadband loop, 30-m south sloping wire. <nrcidxd@aol.com>
- David Crawford, Titusville FL; R8, R8A, 50-m longwire to west, 40-m longwire to southeast. <DavidECrawford@cfl.rr.com>
- Ben Dangerfield, Wallingford PA; R8A, four slopers, DXP-3A phasing unit. <ben-dangerfield@worldnet.att.net>
- Marc DeLorenzo, Marstons Mills MA; JRC NRD-525, two 80-ft noise-reduced slopers <MarstonsMarc@aol.com>
- Eric Loy, Champaign IL; Drake R8 and Quantum QX. <ecloy@prodigy.net>
- Kevin Redding, Mesa AZ; barefoot Sony ICF-2010. <amfmdx@fastq.com>
- Erik Stromsted W1ZBT, Pepperell MA; Yaesu 1000MP, terminated NE long wire and unbarefooted N/S long wire. <microwaveadvances@charter.net>



The 2002 DX Clams Expedition

Boston Area DXers (BADX) has been hosting a DXpedition to the north shores of Massachusetts every August for a number of years now. Known as "DX Clams" for the seafood dinner that traditionally precedes DXing, the annual event gives DXers the opportunity to share in a bounty of saltwater path signals. This year's DX Clams took place on Granite Pier, Rockport, Massachusetts. Auroral conditions and the unusual rainy weather that night weren't going to dampen the spirits of the participants as they enjoyed the camaraderie and exotic signals, as Tom Walsh exclaimed on the NRC's DX Audio Service, "The DX Clams, this is the highlight of the year up here in New England!"

Mark Connelly: Even though the 2002 version of the annual "DX Clams" gathering was held on one of the two or three rainy nights of the entire summer and, to boot, the DX was sub-par, I still enjoyed the outing in the company of Boston Area DXers including Tom Walsh, Bruce Conti, Paul McDonough, Gary Thorburn, Andy Wallace, and Paul Graveline.

I didn't get out of work early enough for the seafood dinner part of the activity, but went straight over to the DXing site at Granite Pier in Rockport, MA instead, arriving there just before 7 p.m. EDT / 2300 UTC (22 AUG). Transatlantics were very limited, mostly those from the Canary Islands and

northwestern mainland Africa: among the better ones were Mauritania-783 (the first one to fade in around 2300 UTC), and Canary Islands stations on 621, 747, 837, and 882. High band TA's didn't perk up until well after sunset when France-1206, Spain-1521, and a few others made a showing. Bruce said that the A-index had been around 30, so the lack of more northerly Europeans was not a total surprise. Only a weak signal from Holland-675 represented Europe north of France.

With somewhat auroral conditions, in theory, one could turn the sights to Latin America and the Caribbean. Well before sunset, the eastern Venezuelan on 1140 was putting in a good signal, way over CBI/WRVA. Numerous other LA's did show, though the opening was slow to start and the aurora was not deep enough to suppress domestic short-skip QRM. One of my better catches was the Brazilian on 1100, decisively atop Antigua and a couple of Spanish-language stations with WTAM Cleveland in a 100% null off the back of the phased loop/whip cardioid array on the roof of the car. Some of the fun (though, at times, frustrating) channels were 640, 840, and 860 where numerous Caribbean and South American stations were duking it out. The three common Caribbean splits (535, 555, and 895) were all easily heard. Many of the islands were well represented and Venezuelans were good, too. Still, I would have gone for a more butt-kickin' aurora to sweep away the skip domestics. An aurora that still allows the Montreal stations on 690 and 940 to be pests isn't a very impressive one.

Some of the guys at the outing were doing shortwave broadcast and ham activities; I'm not sure how many others were into serious medium wave DXing. I do know that Bruce Conti got some good "unidentifieds" on tape for later analysis. Even though this year's outing was somewhat of a "bust" compared to last summer's hugely-successful Rockport DXpedition, it was still a good get-together. I was interested in looking at the Elecraft K1 transceiver that Andy Wallace had assembled from a kit. Elecraft are to be commended for picking up where Heathkit left off.

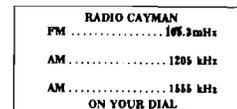
Gary Thorburn: The BADX "Clams" mini-DXpedition turned out to be a great opportunity for several of the BADX members to catch up with each other, as we've been without a regular meeting location for a few months. In addition, we had a good radio show-and-tell time, showing off new toys, antennas, and techniques.

So it was a time for good radio fellowship, but not a lot of DX. No loss, as the propagation conditions were not the best anyway. Guadeloupe on my Superadio III, and whatever LA is on 535 (on the big loop & R8A) is about all I really heard of any interest.

My new untuned loop needs some work, maybe the 9:1 matching transformer is not correct. It was OK below 800 kHz, but produced very low signal levels above that. I'll be setting it up at home and doing some experimenting with other ways to match the antenna to the DXP-2 phasing unit.

Transatlantic DX Clams

- 621 **CANARY ISLANDS // SPAIN** *RNE R.1* synchros, Santa Cruz de Tenerife et al. AUG 22 2339 - Fast Spanish talk by man; getting by WZON pest. [Connelly] AUG 23 0113 - The strongest of only a handful of transatlantic signals with auroral conditions knocking out most of the regulars. [Conti]
- 711.05 **WESTERN SAHARA** *RTM* Laayoune AUG 22 2338 - Bits of flute music through residual slop from phase-nulled WOR. [Connelly*R-MA]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott AUG 22 2317 - Parallel 4845 with news in Arabic; good. Carrier noted as early as 2245 UTC. [Connelly]
- 837 **CANARY ISLANDS // SPAIN** *COPE* synchros AUG 22 2336 - Festive music parallel to (loud) 882. [Connelly]
- 882 **CANARY ISLANDS // SPAIN** *COPE* synchros AUG 22 2319 - Spanish talk; coming up in strength over WCBS slop. [Connelly]
- 891 **ALGERIA** *Chaine 1*, Algiers AUG 23 0209 - Arabic music; through combined Cuba/WBPS/WLS-890 slop. [Connelly]
- 1107 **SPAIN** *RNE R.5* synchros AUG 23 0252 - Spanish talk; poor to fair. [Connelly]
- 1152 **SPAIN** *RNE R.5* synchros AUG 23 0034 - Telephone quality audio Spanish talk; poor. [Connelly]
- 1179 **CANARY ISLANDS // SPAIN** *SER* synchros AUG 22 2324 - Woman with Spanish teletalk; fair with WHAM phased. [Connelly]
- 1206 **FRANCE** *France Bleu*, Bordeaux AUG 23 0033 - French male folk style vocal; fair signal (but considerably weaker than when heard at Rowley, MA in July). [Connelly]
- 1521 **SPAIN** *SER*, Castellon, AUG 23 0155 - Spanish talk; fair. [Connelly]



Pan-American DX Clams

- 530 **TURKS & CAICOS** *R.Vision Cristiana Internacional*, South Caicos AUG 23 0001 - Female

- Spanish religious vocal; loud. [Connelly]
 535 **GRENADA** *GBC St. George's* AUG 23 0223 - Soul music; poor to fair in heavy RVC-530 slop. [Connelly]
 555 **ST. KITTS & NEVIS** *R. ZIZ, Basseterre* AUG 23 0221 - Excited Caribbean male announcer; fair with WGAN-560 phased. [Connelly]
 580 **PUERTO RICO** *WKAQ R. Reloj, San Juan* AUG 23 0115 - Huge over WTAG; "Pagina Sud América" program in Spanish hosted by a woman. [Conti] AUG 23 0226 - Puerto Rico mentions in Spanish talk by man & woman; over WTAG. [Connelly]
 600 unID AUG 23 0149 - Fair to good peaks; ID in Spanish sounded like "Radio Sudanes, para los pueblos, es tu mensaje," during what might have been sports commentary, over another unID signal that was off-frequency and producing a weird multiple tone het. The ID will be on the October edition of the NRC DX Audio Service. [Conti]
 640 **GADELOUPE** *R. Guadeloupe, Pointe-à-Pitre* AUG 23 0219 - French talk by several people in the studio; strong and generally dominant. [Connelly] AUG 23 0110 - A huge signal for most of the night, featuring Caribbean music, not parallel the France Inter / RFO network. [Conti] AUG 23 0110 - Received easily on a barefoot Superadio III. [Thorburn]
 640 **VENEZUELA** *YVQO Union R., Puerto La Cruz* AUG 23 0230 - Several "Union Radio Noticias" slogans; good, over Guadeloupe. [Connelly]
 640 unID AUG 23 0040-0110 - Boston Red Sox baseball in Spanish, but no affiliates on this frequency according to the Spanish network list (flagship WLYN 1360), best guess is *Radio Televisión Dominicana* considering the strong connections between the Red Sox and the Dominican Republic, strong at times over Guadeloupe, *Unión Radio* Venezuela, and an unID Fox Sports Net station. [Conti]
 650 **DOMINICAN REPUBLIC** *R. Universal, Santo Domingo* AUG 23 0051 - Fair; "Universal para Santo Domingo... Republica Dominicana." [Conti]
 660 **COLOMBIA** *R. Auténtica, Cali* AUG 23 0140 - Presumed with preaching in Spanish under WFAN. [Conti]
 670 **VENEZUELA** *YVLL R. Rumbos, Caracas* AUG 23 0218 - Venezuela news items; over second Spanish talker that was probably the Cuban. [Connelly]
 690 **ANGUILLA** *Caribbean Beacon, The Valley* AUG 22 2359 - Parallel 6090 with preaching in both English and Spanish; mixing with Montreal station. [Connelly]
 750 **VENEZUELA** *YVKS RCR Caracas* AUG 22 2350 - Good; Las Deportivas, then Internacionales news, Informe RCR ID. [Conti] AUG 22 2357 - Spanish talk about Venezuelan politics, relations with Colombia; loud. Echoey-audio station, probably a Brazilian, under. [Connelly]
 760 **COLOMBIA** *HJA RCN Barranquilla* AUG 23 0005 - Good; titulares news headlines, *RCN Antena Dos* mention, over *R. Reloj* Cuba. [Conti] AUG 23 0207 - Parallel 1000 with Colombia-related newstalk, RCN and "la primera cadena radial de Colombia" slogans; mixed with several others and a low growl. [Connelly]
 770 **COLOMBIA** *HJX RCN Bogota* AUG 23 0238 - Parallel 760 with RCN ID, Spanish talk; mixed with WABC. [Connelly]
 780 **VENEZUELA** *YVMN R. Coro, Coro* AUG 23 0243 - Spanish dedications to someone in Coro celebrating fourth birthday; mixed with CFDR. [Connelly]
 800 **NETHERLANDS ANTILLES** *PJB TransWorld Radio, Bonaire* AUG 23 0242 - Slow religious Spanish vocal by man; over WCCM and Canadians. [Connelly]
 820 **ST. KITTS & NEVIS** *Trinity Broadcast Network, Charlestown* AUG 22 2353 - Caribbean English inspirational talk, then piano music; good with WNYC phased. [Connelly]
 840 **HAITI** *4VEH Cap Haitien* AUG 23 0010 - Tentative; French Creole over Spanish-language WRYM. [Conti]
 860 **CUBA** *CMBL Arroyo Arenas* AUG 23 0245 - Reloj program; mixing with one of the Venezuelans; CJBC phased. [Connelly]
 895 **ST. KITTS & NEVIS** *VON Bath Village* AUG 23 0247 - Talk about a local band; fair. [Connelly]
 1000 **COLOMBIA** *HJAQ RCN Cartagena* AUG 23 0207 - Parallel 760 with newstalk and RCN network ID; over/under other Spanish speaker. [Connelly]
 1039.6 **VENEZUELA** *YVLB La Voz de Carabobo, Valencia* AUG 23 0250 - Most likely this with Spanish vocal: this has been 400 Hz low of nominal 1040 for at least 2 years. [Connelly]
 1090 **VENEZUELA** *YVSZ Union R., Caracas* AUG 23 0251 - Parallel 640 with Spanish newstalk; fair over others with WBAL phased. [Connelly]
 1100 **BRAZIL** *ZYK694 R. Globo, São Paulo* AUG 23 0142 - Fast Portuguese sports-related talk, São Paulo and Globo mentions, slight reverb on audio. Very good; way over ZDK and others with WTAM completely



- phase-nulled. [Connelly]
 1110 **VENEZUELA** *YVQT R. Carupano, Carupano* AUG 23 0037 - Salsa music, *R. Carupano* ID and time check, then into ballad. Huge signal, way over WBT. [Connelly]
 1140 **VENEZUELA** *La Voz del Caribe, Porlamar* AUG 22 2322 - Porlamar mentions; good / dominant. [Connelly]
 1375.02 **ST. PIERRE ET MIQUELON** *RFO St. Pierre* AUG 23 0030 - Jazz-rock; loud. [Connelly]
 1500 unID AUG 23 0200 - Probably just the Venezuelan here, but ID / slogan sounded more like *Radio Luz*, rather than *Radio Dos Mil*. [Connelly]
 1620 **US VIRGIN ISLANDS** *WDHP Fredriksted, St. Croix* AUG 23 0022 - Old time country-western show with songs by Freddy Fender, Buck Owens, and others. Strong signal, completely dominant. [Connelly]
 1660 **PUERTO RICO** *WGIT Canóvanas* AUG 23 0024 - Spanish talk mixed with the second Spanish audio from nulled NJ station. Low growl of about 10 Hz noted. [Connelly]

The DX Clammers

- Mark Connelly, Billerica MA; Drake R8A, broadband loop phased against active whip; Superphaser-2 phasing unit.
 Bruce Conti, Nashua NH; Lowe HF-225 Europa, MWDX-5, northeast V-beam with 30-m legs, broadband loop.
 Gary Thorburn, Maynard MA; R8A, DXP-2, broadband loop, long wire, amplified tuned loop, Superadio III.
 Tom Walsh, Bedford MA; R8A, 30-m wire.

International News

- AMERICAN SAMOA: *WDJD Tafuna*, authorized for 585 kHz, but is operating on 580 kHz. This part of the globe uses 9 kHz spacing, but they soon realized that all the radios with 10 kHz steps couldn't get them, so they took it upon themselves to change frequency. [Geoff Fairbairn, Broadcast Engineering Manager, World Radio Network, *AUG New Zealand DX Times*, NZRDXL]
 AUSTRALIA: The twin broadcasting towers at Wynnum West of 4BH on 882 kHz crashed to the ground after the guy wires were cut by vandals August 19. 4BH returned to the air with power reduced from 5 kW to 800 watts using a retuned 1053 kHz transmitter donated by public community access station *Switch AM*. [Australian MW Group Web Site, MWOZ]
 GERMANY: A posting on forum.wmoelter.de/ reports 873 AFN Oberursel-Weißkirchen has apparently fixed a transmitter problem that required operation with very shallow modulation. [Noel Green, *DX Listening Digest*]
 IRELAND: 252 Clarkstown has been dark after the demise of *Team Talk*. Various reports indicate some interest in returning to the airwaves with cultural programming for listeners in England and elsewhere outside of Ireland.
 MEXICO: 740 XEGF Gutierrez Zamora, Veracruz, slogans La Comadre, Radio Fiesta, 740 AM Estéreo, and Radio ACIR, is now in AM stereo as reported by KOMEX the Finnish DX site. [Steven Wiseblood, *Corazón DX*] XEOI *R. Mil* has completed a new antenna for 6010 (parallel 1000 kHz). The Encuentro DX program will be revived on *R. Mil*. 1060 *R. Educación* will be resuming SW programming with six hours of programming. [Hector Garcia Bojorge, Encuentro DX, *DX Listening Digest*]
 NEW ZEALAND: The *Rhema* network is planning to shift the Whangarei outlet from 98.7 FM to 621 AM, so that *Life FM* can take over the FM frequency. The new AM antenna will also be able to carry *Southern Star* when funds allow. [Bryan Clark/David Ricquish, *AUG New Zealand DX Times*, NZRDXL]
 UNITED KINGDOM: 1503 *Sound Radio*, one of 15 current "Access Radio" stations operating with a one year license, started testing 25 June and launched 26 July. Address: 15 Olympus Square, Hackney, London E5 8PL. Web: www.svt.org.uk. [JE/RFK, Mark Hattam, 26 AUG *mv-eko*, ARC]

NRC Publications Guide

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

DX'er's Notebook

Shared tips, topics, and Internet info

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We're going to finish our look at DXing the graveyard frequencies this time with some highlights from DXers of their best graveyard catches. Please note my new e-mail address effective immediately: "dcbraun@comcast.net". The old address is no longer valid (so if you sent anything there since mid-August and didn't get a response, that's why!)

First we have one additional submission in the "How I began to DX" category:

Chris Dingo KA9MDB <razorradio@hotmail.com>: Hi, If you're still collecting AM DX stories, I used to regularly get KAAY in Little Rock AR from my NW Indiana location. Also KOA Denver, WBAP in Texas 820, Salt Lake City, Utah (1160?), and most impressive was a station in the Netherlands Antilles off the coast of South America on 800 nearly every night. These all came in on a transistor clock radio made in the late 1960's. Once I heard a MW broadcast on 600khz from Radio Moscow (around 1980). They claimed it was a different frequency when my friend wrote to them, but we both heard it on different radios in separate locations.

BEST GRAVEYARD CATCH

Patrick Martin <mwdxer@webtv.net>: Anyone have "a best graveyarder"? Mine is WNUE-1400-Ft. Walton Beach FL on a DX test in 1970 from Seaside, OR.

Rick Dau <rdau1965@yahoo.com>: Best graveyard loggings for me:
From rural Oakland, Iowa: KDRS-1490 Paragould, AR
From Iowa City, Iowa: WBOK-1230 New Orleans, KWTX- 1230 Waco, TX (QSLed); WMMZ-1400 Spartanburg, SC; and KGVL-1400 Greenville, TX

From Arnolds Park/Spirit Lake, Iowa: KXPO-1340 Grafton, ND
Best one so far from Omaha, NE: WGNS-1450 Murfreesboro, TN

Mike Brooker <aum108@postoffice.idirect.com>: WFOY-1240, St. Augustine, FL heard just after sunset skip, on Nov. 10.1979. verie letter (v/s E.J. Doyle N4BZM) says: "yes it is of interest to know of your reception way up in Canada during our regular programming. We have received letters from Canada, England and even one from Iowa. Our antenna sits in a salt marsh right on the coast line and I can understand reception along the coast line.. but that fellow in Iowa? Must have had his antenna atop one of those corn stalks".

John Sampson <jsampson@qwest.net>: A couple of loggings from Omaha in the 1954/55 time frame come to mind:

1230: KPRL Paso Robles, California, KLAN Renton, Washington, CFRG Gravelbourg, Saskatchewan
1240: KOLD Yuma, Arizona, KGY Olympia, Washington
From Freehold, NJ, in 1964:

1340: ZBM2 Hamilton, Bermuda, BBC Lisnagarvey, Northern Ireland
From Cupertino, California, in 1967:
1490: KTOH Lihue, Hawaii

All of the above were verified; have many other graveyarders but as the years progressed, the best become closer and closer.

Paul LaFreniere <plafren@boreal.org>: 1240 CJAR The Pas, MB

1490 WTUP Tupelo, MS
1490 WDLG Port Jervis, NY
from Grand Marais, MN

Emily <AmBandDXers@aol.com>: I never get anything good on Graveyards...I think the ONLY GY I have gotten is WFAS and that's not that impressive considering that I am in Northern, NJ anyway.

Patrick Martin: John, KTOH-1490 was one that Hank Wilkinson got from Santa Rosa in the late 40s. I saw the QSL from that one. By the time I had started DXing they were on 1350. John did you QSL KTOH-1490?

John Sampson: Patrick - Yes, I did; unfortunately, they wrote a verification note on my report and returned it. Would have much preferred a letterhead. Think I received them shortly before their move.



Patrick Martin: John; Even in those days, the stations did not always use letterhead. I think stations were better at letter writing/ typing then though. I have all the Hawaiians QSL'd including many call & freq. changes and I think KAHU-1060 may be the only one I got the QSL on my letter. I'll bet you are glad with the KTOH-1490 QSL.

John Sampson: Patrick - You're correct!; something is a lot better than nothing.

John Callarman <JohnCallarman@msn.com>: John Sampson isn't the only John on this reflector to have a KTOH-1490 QSL. I logged and verified KTOH in March of 1956, and the verie signer was a world famous ham DX'er... Katoshi Nose KH6JJ... who was C.E. at several Hawaiian stations as Alan Roycroft was later to become. In March of 1956, the closest AN'er domestically was another KTO... KTOP in Topeka, Kansas... but one morning, KTOH surged atop for a good log and QSL.

BTW, Hank Wilkinson was in North Hollywood, where I met him in 1958 (see photo I took of Hank in his DX den on the NRC website) and did not move to San Rafael until the '60s.

My best graveyarder on frequency check from Corvallis, also in the spring of 1956, was WOWL, Florence, Alabama, on 1240, atop the dominant Chicago station. My best graveyarder on regular schedule (and my first BCB QSL back before I'd heard of the NRC) was WHHM-1340, Nashville, Tenn., logged when the Nevada all-nighter had transmitter problems and was off the air.

Jim Bagge <K1ygg@aol.com>: Well Emily, I have been BCB DXing off and on since 1960 and I have never gotten anything impressive on the GY freq's. It sounds too much like a constant jumble for my hearing and limited patience. That plus the northeast is just loaded with stations on those freq's.

Barry McLarnon <bdm@bdmcomm.ca>: Tough to narrow it down to one - how about one for each GY frequency? Here's mine from Ottawa, ON:

1230: WSBB FL New Smyrna Beach

1240: WFOY FL St. Augustine

1340: WMRK AL Selma

1400: KGVL TX Greenville

1450: KATE MN Albert Lea

1490: WVGB SC Beaufort

Interesting to see that some of these were also mentioned by other DXers...maybe those stations have better than average antenna systems.

Chuck Hutton <chutton1@qwest.net>: My most memorable graveyarders would have to be:

(1) 1490 - HJ whatever (I don't remember the calls) "Punto Cinco", Bogotá, Colombia. When conditions were good to South America, this guy would sometimes be on top (yes, on top) of the pile on my south-facing Beverages. I even once was able to tape them on top of the channel using just a 75' longwire, but that was a once-only thing. There's nothing like the thrill of having LA DX (from Colombia at that) come up on top of the domestics.

(2) 1450 - YV whatever, Radiolandia. It wasn't as strong as Punto Cinco but it was there every year or so during the sunspot peak.

(3) 1490 WKEM, Immokalee, Florida. Some of you guys might remember NRC'er Steve Kennedy who was the CE at this station and others. I could hear WKEM almost any time I wanted on the south Beverage (it was right in the boresight) but one night about 25 years ago Steve ran a DX test at WKEM. It was heard pretty well (even in the northeast if I recall), but no one outside of Immokalee itself can beat my tape of WKEM from that night. It was totally on top of the channel with nothing else audible for a period. I even excerpted a bit of the Sousa marches he played and put it on a miscellaneous tape of music that stayed in the car for many years. It was only 700 or 800 miles to WKEM, but the strength was just amazing. Easiest DX test ever.

All of these were caught from Atlanta. Punto Cinco and Radiolandia were the only SA graveyarders for me. They both really got out, as they were heard in Scandinavia.

Doug Smith, W9WI <w9wi@w9wi.com>: My best I guess would be KYLS-1450 Fredericktown, MO at just shy of 200 miles. I don't spend much time on these channels either; hearing anything more than 50 miles away is pretty rare even with an expensive receiver and big antenna...

Ron Gitschier <RGITSCHIER@doyle.navy.mil>: 1230 WSBB New Smyrna Beach, FL from St. Croix, US Virgin Islands. I have yet to really dig into this realm. Uncharted territory for me to dig into once I retire from the Navy. Or at least get off of sea duty and surfing salt water path signals. Perhaps they have their tower in a salt marsh or in the brine. WFOY's self supporting tower is in the intracoastal waterway of St. Augustine, a stone's throw away from the Fountain of Youth, staying true to it's call sign.

Benjamin Dangerfield <ben-dangerfield@worldnet.att.net>: I don't do GYDX as a rule, but back in 1964 I had a fine logging of BBC-North Ireland while local WHAT was on the air. [Of course, N. Ireland is now on 1341, but I occasionally get the het.] My point, though, is that a local, such as WHAT can screen out most of the domestic stuff thus enabling some other strong signals to get through.

Randy Stewart <jrs555t@smsu.edu>: Yeah, but if they're running open carrier, it's especially help-

30
ful, hi! (Was WHAT in talk programming of some sort? Music on a local is always hard to hear through, I think...)

Bruce Conti <BACONTI@aol.com>: The keys to successful graveyard DXing; keep a tape recorder rolling to catch all the action, and have a good book to read!

Rick Kenneally <woodlandview@yahoo.com>: Yep, a tape recorder is by far the best way to GYDX. I've logged over 60 GY stations this year. GY frequencies are a great source of new stations, particularly when conditions are changing like at sunset/sunrise.

Robert Foxworth <rfoxwor1@tampabay.rr.com>: My best guess is 1974 - 1975. I was living in Long Island. I never could get beyond the single hop skip range, but managed to get many of the stations at short range. My favorite target was the New England area and eastern Canada, and I managed to QSL a bunch of them. I used a 40-foot outdoor wire which really seemed to like that area.

I did better in the summer months, as the skip was a lot more selective geographically and with luck, the desired station would fade up and be heard well. However back then a lot of those stations signed off at midnight, or at 0005 etc.

Bruce Conti mentioned interning at WKRI-1450 which I heard and QSL'ed back then. They had a midnight s/off.

One of my favorite times of the summer was the twice-per-season times the Boston Red Sox did a night-game stand on the west coast, and it would be often 0130 by the time the games ended. I managed several stations that way including WLKN-1450 Lincoln, ME, on late with the Sox, my favorite team then. My verie was signed by the owner who noted that he was a past CBS employee, an item I always included in reports.

I never submitted anything to GY records. The one record I could have claimed, if I heard them one year later, was KYOR 1450 Blythe CA. on a f/c in 1959, probably some 2600 miles. The current record I see, is about 200 miles. They used a CW ID and it turned out that I or 2 others in the east heard the CW also, but because of not having taken the time to learn CW, did not know what they had until the next bulletins appeared, probably 3 weeks later. This was during a scheduled DX test from another station, a no-show, under WJXN Jackson MS, the only thing on 1450 at the time with RS.

I would really like to see the GYDX records include the year of the reception, as a lot can change in 41 years. But I know full well that is an impossible task. But in the absence of such a time scale, the records lose a lot of meaning.

Hard to believe that old reprint is still around.

John Callarman: Reception of North American stations on graveyard channels by DX'ers in New Zealand used to be common. I did a DX show in March, 1956, from KCOV, Corvallis, Oregon, on 1240 kHz, back when the maximum power on graveyard channels was 250 watts, and got two thorough, detailed and accurate reports from New Zealand. The farthest east, though, that our signal reached was to Oklahoma City. The Chicago all-nighter dominated 1240 on the East Coast. On my own DX'ing in the spring of 1956 from Corvallis, I was able to confirm the station in Decatur, Alabama, WHOS, I think it was at the time, and had tones during the scheduled time for WFOY, St. Augustine, Fla.'s frequency check, but could dig out no announcements. Needless to say, with nearly every station running 24 hours, even the New Zealand DX'ers likely get nothing but a jumble on our graveyard frequencies now.

Patrick Martin: John; Some really great catches there! The 50s must have been fantastic. Unfortunately I did not get into DXing until the 60s. I forgot Hank lived in North Hollywood. I remember him telling me that. He moved to Santa Rosa in the 60s. For a time in the early 80s he moved to Salem, but it was too rainy and he went back to Santa Rosa. I spoke with him on the phone maybe 10 years ago. He was DXing SW a bit then.

Russ Edmunds <wb2bjh@nrcdxas.org>: My best were all heard from Northern NJ during the period 1969 to 1982:

1240 - WFOY - St. Augustine, FL
1400 - WFPA - Fort Payne, AL
1450 - WMFJ - Daytona Beach, FL
1450 - KFIZ - Fond du Lac, WI
1490 - KXRA - Alexandria, MN

1490 - WKEM - Immokalee, FL, from the previously-noted test.

Nothing I've heard from here since I re-activated in 1990 even comes close to any of those.

Charles C. Boehnke <kale@juno.com>: Anything I hear on a GY frequency is DX to me as it will be well over 2,000 miles. We have no GYs in Hawaii! We did at one time many years ago when we had KTOH 1490. It was heard a few times on the mainland, but that was centuries ago! (Seems like it)

Pete Taylor <ptdx@att.net>: "Best" can mean whatever we want it to mean; in my mind, it does not solely relate to distance. Some of these were just really neat unexpected surprises. By location:

GRAVEYARDERS:

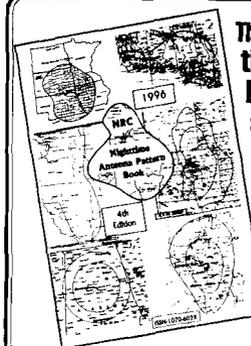


1230 BEV58 Taichung, Taiwan (from Hangzhou, China; 423mi)
1230 KWG Stockton (from Tacoma, 649mi)
1230 LT2 Rosario, Argentina (from Poipu, Kauai, 7514 mi)
1240 ZY1774 Recife, Brazil (from Cape Town, 3819mi) - this station used "September Song" as a theme and was heard all morning long.
1240 LN PBS, Shenyang, China (from San Francisco, 5541mi)
1240 *KOLD Yuma (from Miami; 2116mi)
1340 DZMM Manila (from a C.G. ship at 3104mi)
1340 KMYR Denver (Durham, 1442mi)
1340 KPRK Livingston, MT (Durham, 1771mi)
1340 WCMI Ashland, KY (Miami; 889mi)
1340 *KOLE Port Arthur, TX (Miami, 965mi)
1340 KRUX Glendale (C.G. ship, 3059mi)
1400 AFKN Inchon (C.G. ship, 2259mi)
1400 KRE Berkeley (C.G. ship, 2508mi)
1400 KCHS Truth or Conseq., NM (Miami, 1696mi)
1400 KARR Great Falls (SF, 876mi)
1400 JOQL Kushiro, Japan (SF, 4651mi)
1400 KSEW Seward, AK (SF, 1455mi)
1400 *WBIZ Eau Claire, WI (SF, 1669mi)
1400 KSMA Santa Maria (860mi)
1450 KBRL McCook, NE (Chattanooga, 909mi)
1450 WKEI Kewanee, IL (Durham, 697mi, 100w)
1450 KXXL Bozeman (SF, 800mi)
1450 KAYE Puyallup (SF, 649mi)
1450 KVML Sonora (Tacoma, 651mi)
1490 XEMS Matamoros (Cabo San Lucas, 809mi)
1490 KTTR Rolla, MO (Durham, 723mi)
1490 2AY Albury, NSW (Honolulu, 5355mi)
1490 WELO Tupelo, MS (Miami, 775mi)
1490 KOWL So. Lake Tahoe (Tacoma, 591mi)
1490 KTOB Petaluma (Tacoma, 628mi)
(All QSLed except *)
Except for those heard in Tacoma, most of these are pretty old loggings. From Tacoma, I have only heard GYs in WA, OR, BC, CA, ID, MT and AB.



See you next time...

The Season of DXpeditions - Autumn 1996 - On Sale Now!
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Professional Sports Networks

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

When you send me information via e-mail, please send the data in plain ASCII text. I routinely do not process .doc or .html attachments. I believe in plain-text e-mail, and I have been using e-mail since 1983 (if you do not count the one piece of mail I sent via FTP on the ARPANET before there was an e-mail standard). If you find information on a web site, please send me the URL instead of the document in an attachment.

Here is Canadian Football League (CFL) Flagship Stations and networks for the 2002 season from Morris Sorensen with the kind assistance of fellow DXers John Fisher, Eric Floden, Terry Keyowski, and Brian Smith, as well as Morris' own research and monitoring. Morris will take full responsibility for any errors or omissions. I have not marked a station as a flagship if there is only one station listed.

BC Lions	1230	CJNL-BC	550	CKPG-BC	106.1	CKHH-BC
980	CKNW-BC *	1340	CINL-BC	1240	CKMK-BC	Some stations may not carry all games.
1240	CJAV-BC	1400	CHNL1-BC	94.5	CHET-BC	
610	CHNL-BC	107.1	CHNL-BC	560	CKNL-BC	
Calgary Stampeders	770	CHQR-AB	Toronto Argonauts	640	CFYI-ON	
Edmonton Eskimos	620	CHED-AB	Winnipeg Blue Bombers	680	CJOB-MB *	
Hamilton Tiger-Cats	900	CHML-ON		730	CKDM-MB	
Montreal Alouettes	800	CJAD-PQ (EE) *		1220	CJRB-MB	
	900	CKTZ-PQ		105.5	CICY-MB	
	730	CKAC-PQ (FF)		91.5	CIWM-MB	
Ottawa Renegades	1200	CFGO-ON (EE)		96.3	CINC-MB	
	1150	CJRC-PQ (FF)				
Saskatchewan Roughriders	620	CKRM-BC *				
	600	CJWW-SK				
	940	CJGX-SK				

Plus about 50 very low-powered FM stations on the NCI (Native Communications Inc) network. Some stations may not carry all games.

Here is National Football League flagship information from "Sporting News Pro Football Preview" and the Internet via Ken Onyschuk. The number of network affiliates, if Ken listed it, is listed in parentheses after the announcers' names. I have little information concerning foreign language broadcasts.

I have a few network lists, which I will include in my next column. I have the network lists for the Panthers, Lions, Bears, and Patriots. Please send me any network lists that you have. If you find one online, please insure that the list is for the current season. Thanks.

Arizona Cardinals	1060	KDUS-AZ	Dave Pasch, John Mistler
	100.7	KSLX-AZ	
Atlanta Falcons	640	WGST-GA	Jeff Hullinger, Jeff Van Note (35)
	96.1	WKLS-GA	
Baltimore Ravens	1300	WJFK-MD	Tom Matte, Scott Garceau (21)
	105.7	WQSR-MD	
Buffalo Bills	96.9	WGRF-NY	-Van Miller, John Murphy (17)
Carolina Panthers	99.7	WRFX-NC	Roman Gabriel, Bill Rosinski, Jim Szoke (29)
Chicago Bears	780	WBBM-IL	Jeff Joniak, Hub Arkush, Tom Thayer (21)
Cincinnati Bengals	1360	WCKY-KY	-Pete Arbogast, Dave Lapham (20)
	92.5	WOFX-OH	
Cleveland Browns	1100	WTAM-OH	-Jim Donovan, Doug Dieken, Mike Snyder, Casey Coleman (29)
	100.7	WMMS-OH	
Dallas Cowboys	103.7	KVIL-TX	-Brad Sham, Bob Laufenberg
Denver Broncos	850	KOA-CO (EE)	Dave Logan, Scott Hastings (46)
	1030	KBNO-CA (SS)	Fernando Sergio, Frank Ponce
Detroit Lions	1270	WXYT-MI	Mark Champion, Jim Brandstatter, Tony Ortiz (35)
	950	WWJ -MI	
Green Bay Packers	620	WTMJ-WI	Wayne Larrivee, Larry McCarren (70)

Houston Texans	610	KILT-TX (EE)	
	1010	KLAI-TX (SS)	
Indianapolis Colts	1260	WNDE-IN	-Bob Lamey (17)
	94.7	WFBQ-IN	
Jacksonville Jaguars	690	WOKV-FL	Brian Sexton, Matt Robinson (18)
	96.9	WKQL-FL	
Kansas City Chiefs	101.1	KCFX-MO	-Mitch Holthus, Len Dawson, Bill Grigsby, Bob Gretz
Miami Dolphins	560	WQAM-FL	-Bill Zimpfer, Jim Mandich
Minnesota Vikings	1130	KFAN-MN	-Lee Hamilton, Joe Sensor
New England Patriots	104.1	WBCN-MA	Gil Santos, Gino Cappelletti (33)
New Orleans Saints	870	WWL-LA	-Jim Henderson, Stan Brook
New York Giants	660	WFAN-NY	-Bob Papa, Dick Lynch
New York Jets	770	WABC-NY	-Howard David, Dave Jennings
Oakland Raiders	1050	KTCT-CA	-Sam Mateo
Philadelphia Eagles	94.1	WYSP-PA	Merrill Reese, Mike Quick (16)
Pittsburgh Steelers	970	WBGG-PA	Bill Hilgrove, Myron Cope, Tunch Ilkin (37)
	102.5	WDVE-PA	
Saint Louis Rams	1600	KATZ-MO	-Steve Savard, Jack Snow, Malcom Briggs
	103.3	KLOU-MO	
San Diego Chargers	760	KFMB-CA	-Jim Laslavic, Bill Werndl
	100.7	KFMB-CA	
San Francisco 49ers	810	KGO-CA	-Joe Starkey, Gary Plummer (26)
Seattle Seahawks	710	KIRO-WA	Steve Raible, Brian Davis, Ron Callami
Tampa Bay Buccaneers	99.5	WQYK-FL	Gene Deckerhoff, Scott Brantley
Tennessee Titans	104.5	WGFX-TN	-Larry Stone, Mike Keith, Pat Ryan
Washington Redskins	106.7	WJFK-VA	-Sam Huff, Frank Herzog (45)

- = announcers from a previous season

There are a number of ESPN Radio programs:

- AllNight with Todd Wright
- Mike & Mike in the Morning
- The Tony Kornheiser Show
- The Dan Patrick Show
- GameDay with Jason Jackson and John Buccigross
- GameNight with Chuck Wilson and Chris Moore
- The V Show with Bob Valvano
- Weekend GameDay with Andy Pollin & Mel Kiper
- ESPN The Magazine with Dan Le Batard
- Outdoors with the Reel Guys
- The Baseball Show with Karl Ravech and Rob Dibble
- The Sporting Life with Jeremy Schaap
- RPM Now with John Kernan
- Post-game Locker Room with Jack Arute
- The Golf Show with Bob Stevens
- AllNight with Jon Chelesnik

Each one probably has a different station consist.

Here is the Dan Patrick Show network station list via Art Blair from web site <http://sports.espn.go.com/sports/radio/affiliatebyshow?show=DP>

550	KTZN-AK	630	WMFD-NC	740	KCMC-SD	880	WDMG-GA	
	KMVI-HI		KPTT-NV	770	WWCN-FL	900	KTMT-OR	
	WJAW-OH		WJAW-OH	780	KSPI-OK		WMOP-FL	
590	KFNS-MO		WEJL-PA	790	WSFN-GA		KKRT-WA	
610	KNML-NM		KXLI-WA	800	KVOM-AR	910	WSTK-NC	
	KILT-SD		680	WCNN-GA	XEMM-BC		KFXX-OR	
620	WDAE-FL		690	WJOX-AL	810	WHB-MO	KJJQ-SD	
	WTMT-KY			KRGS-CO		WJJQ-WI	WNHV-VT	
	WZON-ME			KFXN-MN	860	KMVP-AZ	920	KBAD-NV



920	WIRD-NY	1230	KWSN-SD	1340	WBGH-KY	1450	KBUN-MN
	WCHR-PA		WXCO-WI		WCMI-KY		WMBH-MO
930	WSLI-MS	1240	WULU-AL		KRMD-LA		KGZR-MT
940	KICE-OR		KWAK-AR		WBBL-MI		KFLS-OR
	WFAW-WI		KRDO-CO		WALL-NY		WJYR-SC
950	WXLW-IN		WBHB-GA		WQSC-SC		KIKR-SD
	WXLW-IN		WLAG-GA		KKAM-SD		KZNU-UT
960	WILT-PA		WATT-MI		WEPM-WV	1460	WZNZ-FL
970	KNEA-AR		KCLV-NM		WXKX-WV		WBNS-OH
	KESP-CA		KADS-OK	1350	KBBL-AR	1470	WLQR-OH
980	KCAB-AR		KBEL-OK		WOYK-PA	1480	WRSW-IN
	WSUB-CT		KVSO-OK	1360	WELR-AL		KLMS-NE
	WPGA-GA		WBAX-PA		WHBG-VA	1490	KFFN-AZ
	WAPF-MS		WIOV-PA	1370	WLOP-GA		KYCA-AZ
	KJOX-WA		KSOX-SD		WHEE-VA		KXLQ-IA
990	WTIG-OH		WGMN-VA	1380	WELE-FL		WKBV-IN
1000	WMVP-IL		WTON-VA		WTJK-IL		WXBD-MS
1010	WSPT-WI		WOBT-WI		WONO-IN		WMOA-OH
1020	KWIQ-WA	1250	WQHL-FL		KHEY-SD		KYZS-SD
1050	WTKA-MI		WGHB-NC		KRKO-WA	1510	KNNS-KS
	WEVD-NY		WEAE-PA	1390	WEOK-NY		KMND-SD
1060	WIXC-FL	1260	WNSS-NY		WMPO-OH		WAUK-WI
1070	WCSZ-SC	1270	KDJI-AZ		KCRC-OK	1530	WMBE-WI
	WTSO-WI		KXPS-CA		KSLM-OR	1540	WBTC-OH
1080	WHOO-FL		WMLF-GA	1400	WWTM-AL	1550	WCVL-IN
	KYMO-MO		WYXC-GA		WIEL-KY		KKLE-KS
	KYMO-MO		WAIN-KY		KGMY-MO		KICS-NE
1110	KSPN-CA		WCBC-MD		WDUZ-WI	1560	WSLA-LA
1130	WSDX-IN	1280	WFAU-ME		KKTL-WY	1570	KVTK-SD
	KLEY-KS		WSAT-NC	1410	WPOP-CT		WKBH-WI
	WFXH-SC	1290	KOWB-CO		KDBS-LA	1580	KTGR-MO
1140	KNEI-IA		WPCF-FL		WELM-NY		KRZI-SD
1150	KZNE-SD		WVOW-WV		WNER-NY	1590	WXRS-GA
	WEAQ-WI	1300	WSJX-IN		WING-OH	1600	KCRG-IA
1160	WSKW-ME		WLXG-KY		WPCC-SC		WPDC-PA
	WPIE-NY		WTMM-NY	1420	KPOC-AR	1620	KBLL-ID
	WBOB-OH	1310	WXDX-MI		KCCN-HI		WDND-IN
1170	KJOC-IA		WTZN-PA		KPEL-LA		KOZN-NE
	KPUG-WA		WGH-VA		WNRS-NY	1660	KRZX-SD
1190	KREB-AR	1320	WAMR-FL	1430	KFIG-CA	1670	KNRO-CA
	WBDY-WV		KLWN-KS		WVAM-PA		
1220	WPHX-ME		WHHO-NY		KCLK-WA	92.7	KASR-AR
	KGIR-MO		KSCR-OR	1440	WGEM-IL	93.9	WYTK-AL
	WJUN-PA		KFNZ-UT		KMAJ-KS	96.1	KLRX-IA
1230	WAUD-AL		WVGM-VA		KPUR-SD	97.9	WRUP-NC
	KGEO-CA	1330	WEBO-NY		WKLV-VA	99.7	WKSD-OH
	WGGG-FL		WSPQ-NY		WAJR-WV	100.7	KFNS-MO
	WMSH-MI	1340	KBTA-AR	1450	WMVG-GA	100.9	WJAW-OH
	WLNR-NC		KATA-CA		WFMB-IL		WJAW-OH
	WTSV-NH		KIST-CA		WDXR-KY	103.3	KESN-SD
	WMML-NY		KTMM-CO		WCEM-MD	105.5	WNSP-AL
	WEEX-PA		KTIK-ID		WIBM-MI	107.1	KJJC-IA
	WOIC-SC		KSEK-KS				



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Graveyard DX Totals

Bill Hale phantom2@eaze.net
 6124 Roaring Springs Drive
 North Richland Hills, TX 76180-5552

Total stations logged on graveyard frequencies

Total Stations Heard on Each Graveyard Channel

Date of Last Update: July 28, 2002

DXer and Location(s)	1230	1240	1340	1400	1450	1490	Total
Norm Maguire East Hartford, CT/ Albuquerque, NM	146	169	174	168	192	157	1006
Stan Morss Boxford, MA	84	114	101	102	108	98	607
Charles Reh Leamington, ON	65	78	91	70	80	86	470
Hank Holbrook Chevy Chase, MD*	28/3	64/2	79/4	53/1	68/5	53/9	345/24
Frank Wheeler Erie, PA	58	81	63	62	65	32	361
Steve Francis Alcoa, TN	51	43	43	50	60	68	315
Barry McLarnon Ottawa, ON	48	51	47	53	50	51	300
Ron Schiller Various Locations, NJ	43	44	57	31	49	66	290
Carl Dabelstein Omaha & Lincoln, NE; Overland Park, KS	45	51	54	50	55	31	286
Jeff Falconer Clinton, ON	41	42	50	50	45	42	270
Ernie Wesolowski Omaha, NE	41	49	46	45	52	19	252
Phil Bytheway Seattle, WA	37	38	48	42	44	34	243
Russ Edmunds N NJ/SE PA	36	42	33	41	38	53	243
Joe Kureth Uniontown, MD	35	36	40	43	37	43	234
Shawn Axelrod Winnipeg, MB	41	16	38	48	47	38	228
Dave Whatmough Hamilton, ON	33	27	39	31	39	41	210
Don Trelford Toronto, ON (pre-1960)	39	22	37	34	38	33	203
Ron Bailey Shelby, NC	32	34	30	29	25	33	183
Andy Rugg Montreal, QC	30	31	32	24	25	34	176
Karl Jeter Suburban Atlanta, GA	20	31	20	29	29	41	170
Ron Musco Hartford, CT	21	25	21	25	27	24	143
John Wilkins Wheat Ridge, CO	19	21	19	27	26	28	140
Craig Barnes Wheat Ridge, CO	21	15	29	25	26	22	138
John Wilkins West Des Moines, IA	23	25	26	22	16	21	133
Dave Fox Reading, PA	15	24	16	23	24	27	129
Niel Wolfish Toronto, ON	15	24	17	16	21	33	126
Esa Hänninen Various Locs, Finland	13	18	20	23	16	35	125
Gary Atkins Louisville, KY	21	8	29	21	18	26	123
Frank Merrill Various Locations	16	18	17	20	26	26	123
Dave Schmidt New Castle, DE	17	24	21	16	12	23	113
Marc DeLorenzo Hyannis, MA	20	19	13	16	23	20	111
Tim Hall Chula Vista, CA	20	14	22	20	19	14	109
Harry Hayes Gouldsboro, PA	15	21	17	13	21	19	106
John Malicky Pittsburgh, PA	7	15	16	14	24	27	103
Mike Sanburn Bellflower, CA	14	16	18	21	18	15	102
Bob McCoy Lincoln, NE	29	20	18	19	4	10	100
Art Blair Folsom, CA	14	6	24	18	16	21	99
Nancy Johnson Abedeen, WA	16	20	13	11	13	14	87
Jim Boehm San Antonio, TX	12	11	14	17	17	15	86
Joe Kureth Southern Pines, NC	13	12	13	13	17	12	80
Niel Wolfish Winnipeg, MB	11	2	10	22	19	15	79
Joe Kureth Southern Pines, NC	13	12	13	11	17	12	78
Bill Hale WI, IL, ID, FL, TX, NY, CA, NM	15	14	11	10	12	15	77
Ron Schiller Avenel, NJ	14	11	13	6	10	21	75
Jim Rentrow Rochester, NY	16	10	10	12	12	13	73
Mike Harvester Various Locations	13	10	11	10	13	13	70
Fred Nordquist Clay, NY	12	15	6	8	14	9	64

Dave Braun	Falls Church, VA	14	16	6	11	4	11	62
Wayne Heinen	Colorado Springs, CO	8	6	19	18	3	8	62
Olle Alm	Stockholm, Hårnösand, Abisko, Karesuando and Göteborg, Sweden	5	7	5	19	12	13	61
Don Trelford	Scarborough, ON	7	10	8	9	17	9	60
Pete Taylor	Worldwide	12	8	8	19	6	5	58
Don Trelford	Scarborough, ON	7	10	8	9	17	7	58
Carl Dabelstein	Tucson/Phoenix, AZ	7	9	11	9	12	7	55
Ken Onyschuk	Steger, IL	9	7	7	10	12	9	54
Carl Dabelstein	Minneapolis, MN	11	11	8	3	11	8	52
Dave Braun	Dover, DE	4	8	8	9	10	11	50
Russ Edmunds	Syracuse, NY	12	7	7	5	6	8	46
Tim Hall	Mammoth Lake, CA	9	8	7	5	9	8	46
Morris Sorensen	Winnipeg, MB	3	6	7	8	13	8	45
Wayne Heinen	Orchard Park, NY	13	10	8	2	6	5	44
Paul Mount	Teaneck, NJ	5	8	8	8	8	5	42
Morris Sorensen	Scarborough, ON	2	12	3	10	6	9	42
Denis Picard	Trois-Rivières-Ouest, QC	7	11	6	6	5	6	41
Rick Dau	Iowa City, IA	5	4	9	7	5	8	38
Don Trelford	Runaway Bay, Jamaica	4	6	6	5	10	7	38
Tim Hall	Tombstone, AZ	8	7	6	6	4	6	37
Stephen Ponder	Bossier City, LA	6	5	6	6	7	7	35
J.W. Bay, Jr.	Drexel Hill, PA	35	0	0	0	0	0	35
Don Trelford	Runaway Bay, Jamaica	3	5	6	5	9	7	35
Bruce Winkelman	Tulsa, OK	9	7	1	5	7	6	35
Wayne Heinen	Aurora, CO	6	6	4	6	6	6	34
Eric McIntosh	Invercargill, NZ	0	3	1	15	7	7	33
George Santulli	Cranford, MA	0	0	33	0	0	0	33
Morris Sorensen	Leaf Rapids and God's Narrows, MB	5	6	5	7	4	4	31
Jack Woods	Waldport, OR	4	3	7	6	3	8	31
Tim Hall	Ajo, AZ	7	4	5	3	6	5	30
Morris Sorensen	Port Carling, ON	2	5	5	6	4	6	29
Morris Sorensen	Milton, ON	5	3	3	7	3	7	28
Russ Edmunds	Jonesport, ME	4	5	1	6	5	5	26
Chris Cuomo	Verona, PA	2	4	5	3	5	2	21
Paul Mount	Nelsonville, OH	4	4	2	3	3	5	21
Paul Swearingen	Moran, KS	5	3	2	2	2	5	19
John Reed	Ponca City, OK	1	1	4	3	5	5	19
Ron Schiller	Monmouth Beach, NJ	4	3	6	3	2	1	19
Morris Sorensen	Kemptville, ON	2	4	2	2	5	3	18
John Tudenham	Joplin, MO	7	2	2	4	1	1	17
Les Carpenter	Sandy, UT	2	1	0	2	5	5	15
Pete Taylor	Tacoma, WA	2	1	1	4	3	4	15
Morris Sorensen	Amaranth, MB	3	5	3	1	1	2	15
Shawn Axelrod	Orlando, FL	1	2	1	4	1	1	10
Doug Smith	Madison, WI	2	1	3	2	2	0	10
Perry Crabill	Winchester, VA	2	2	1	1	2	2	10
Ron Schiller	Lighthouse Point, FL	2	1	4	2	1	0	10
Don Trelford	Runaway Bay, Jamaica	1	1	1	1	1	2	7
Shawn Axelrod	Edmonton, AB	1	0	1	1	1	1	5
Ron Schiller	Newark, DE	0	0	0	0	1	4	5
Dale Park	Irvine, CA	1	1	1	1	1	0	4
Dale Park	Various Locations, HI	0	1	0	1	1	0	3
Michael Plumb	Papillion, NE	0	1	1	1	0	0	3
Ron Schiller	Dallas, TX	0	0	1	0	1	1	3
Shawn Axelrod	Swan River, MB	0	2	0	0	0	0	2

* Totals are for Before/After 1960

- Unreported

All Graveyard records are on-line at: <http://www.angelfire.com/tx2/phantom2/index.html>

Flag Antenna Construction and Test Results

by Mark Connelly, WA1ION

The Flag Antenna is in the family of terminated loops that can yield a cardioid (heart-shaped, single-direction null) pick-up pattern. Its name comes from its horizontal rectangular shape. Length of the upper and lower horizontal wire members is typically about 2 to 3 times the height of the two vertical sides. Original "relatives" include the Ewe antenna developed by Floyd Koontz, WA2WVL and Gary Breed's K9AY Loop. These rely to some extent on ground conductivity to perform at their best. A "ground independent" terminated loop concept was subsequently developed by Jose Mata Garriga, EA3VY and Earl Cunningham, K6SE. The Flag, Delta, Kaz, and Pennant antennas are in this category.

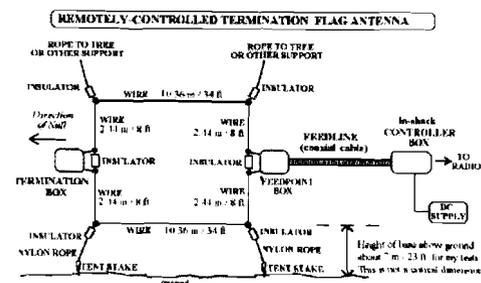
I set up a Flag Antenna at my home QTH in Billerica, MA (25 km northwest of Boston). Alignment was for a feedpoint on the northeast side and termination on the southwest side. The null to the southwest is advantageous here to reduce interference from broadcasters and 160-m hams (and even storm static) along the "I-95 corridor" of large cities throughout RI, CT, NY, NJ, PA, DE, MD, DC, and VA. By reducing the strong groundwave and short-skip signals from that densely-populated region, European stations (in the opposite direction) can be heard with improved readability.

The K6SE article on Pennants and Flags suggests a horizontal dimension of 8.84 m / 29 ft. and a vertical (side) dimension of 4.27 m / 14 ft. The VE6WZ web site has data suggesting that, as long as the horizontal-to-vertical (H/V) ratio is kept the same, performance in nulling will be comparable with antennas of different sizes. Signal capture, of course, is greater as the area enclosed by the antenna is increased. The K6SE ratio of 29/14 or 2.07 was arrived-at by EZNEC analysis. Ken Alexander had good results with a Pennant measuring 16.45 m horizontally by 5 m vertically for a ratio of 3.29. It would seem that there's a certain amount of "budge room" in the H/V ratio.

The Flag Antenna I installed used a horizontal dimension of 10.36 m / 34 ft. and a vertical dimension of 4.88 m / 16 ft. Its H/V ratio, 2.125, is quite close to K6SE's 2.07 value. At first I had the bottom wire of the antenna about 2 m off the ground. Since the antenna was fairly close to the house, pick-up of TV and computer hash tended to be a problem. Raising the bottom wire to 7 m / 23 ft. above the ground helped considerably in reducing electrical noise pick-up. This put the top at 11.88 m / 39 ft. with the supporting ropes going over the tops of black locust trees at the (approximately) 17 m height level. The added antenna height also improved nulling and low-angle DX pick-up a bit. The Flag is probably an easier antenna to raise to a good height than are some of the other designs if you have two decent size trees or masts available.

As in my previous tests of Pennant and Kaz antennas at sites in West Yarmouth, Billerica, and East Harwich, MA, I used a remotely-controlled termination resistance scheme. A controller box in the "shack" operating position injects a DC voltage into the coaxial cable. A feedpoint box provides a necessary balanced antenna / high impedance to unbalanced cable / 50 ohm impedance transformation. It also couples the DC control voltage onto the upper and lower halves of the antenna. The termination box contains the Vactrol which changes its resistance as a function of the current passing through the internal LED coupled to its photoresistor.

Flag Antenna System Drawing

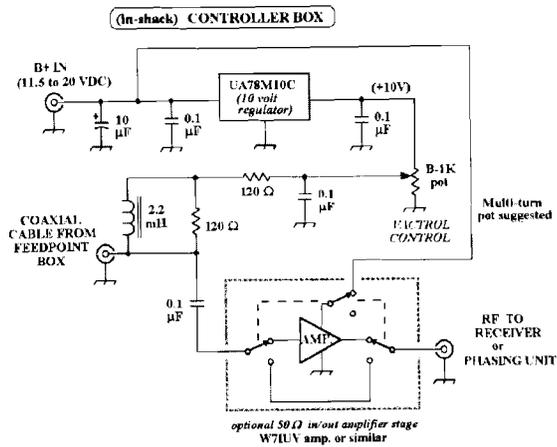


The three boxes in the Flag Antenna system are somewhat modified (improved) versions of corresponding boxes used in the previous Pennant Antenna tests. Either the old or the new set of boxes would work for any of the balanced terminated loop antenna designs.

The controller box is straightforward in concept. Regulated 10 VDC is divided by a 1K linear potentiometer (preferably a multi-turn wirewound type) and R-L coupled to the coaxial feedline. Antenna RF is capacitively coupled to the receiver (or phasing unit) in-

put. An optional amplifier, such as the W7IUV (2N5109-based) design, may be added as shown.

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



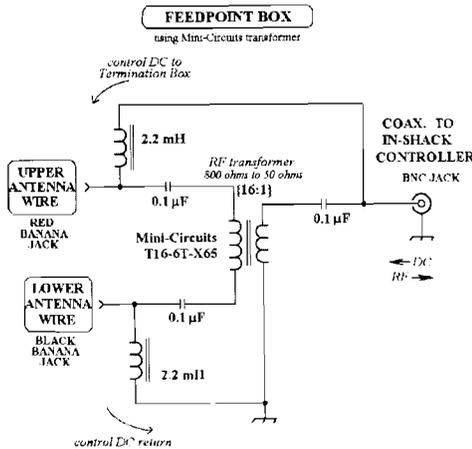
I tried two different styles of feedpoint box. One uses a Mini-Circuits T16-6T-X65 "off the shelf" 16:1 RF transformer and the other uses a "do-it-yourself" transformer based on an Amidon FT140-43 core. The split high-impedance winding of the Amidon core "DIY" transformer decreases any unbalancing effects caused by the choke-coupling of DC to the antenna elements from the coaxial feedline. Also, the large FT140-43 core is likely to create less distortion in the presence of strong signals than the little Mini-Circuits transformer that contains much less ferrite. Tests show the "DIY" transformer is more likely to have greater coupling efficiency in many cases, especially below 1 MHz. Most likely

because of coaxial cable to antenna interaction differences between the two styles of feedpoint box, slight variations in null depth and optimum termination value were observed on a given station during testing (depending on the feedpoint box used). The nulling and gain advantages of the homebrew transformer design are discussed more in the test results part of this article.

Feedpoint Box with Mini-Circuits Transformer

Feedpoint Box with "Do It Yourself" Transformer

The termination box has a switch in it that can separate (RF-wise) the "test point" input from the upper antenna wire jack. This would be done in the case of a twisted-pair Beverage where you'd connect the test point jack to field site ground. For Flag, Pennant, etc. use, the switch would be set to connect the upper antenna wire to the test point through the 0.1 uF DC-blocking capacitor. With a current of about 30 mA through the Vactrol LED, the pot arm back at the controller would be close to +10V and the DC voltage between the upper and lower sections of the antenna would be about 6 V (because of the series resistors and chokes in the control and termination boxes). The voltage at the Vactrol is clamped to a maximum of about 2.1 V by the three series 1N4003 diodes. This protects it from being damaged by inadvertent application of too high a voltage. Resistance of the Vactrol photoresistor is about 55 ohms at full current and greater than 20K ohms at zero current and voltage. The 100 ohm resistor in series with the Vactrol photoresistor makes adjustment in the often-used 700 to 1500 ohm range less "touchy". Because of that resistor, typical minimum resistance measured between the test point and the lower antenna input jack is about 155 ohms. I developed a table of control voltage versus measured resistance (not included here). With this I can determine the approximate termination resistance yielding a null by measuring the controller box's DC voltage at the operating position and then referring to the V-versus-R spreadsheet.

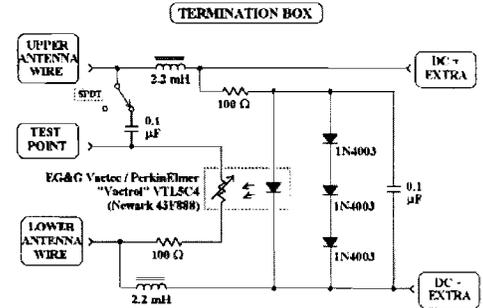


Termination Box schematic

Testing

Rather than presenting a lot of charts and graphs, results will be summarized in text form.

Several medium-wave AM broadcast stations on various bearings were used to evaluate the antenna's directivity during stable midday conditions. For stations in the 180 degree (= due south) to 270 degree (= due west) quadrant designed to be the "kill zone", a peak signal usually occurred at one extreme of the control pot setting or the other: in other words with a termination approximating either a short or an open. Nulling occurred with termination resistances in the 700 to 1500 ohm range with 900 ohms a good "ballpark" value if one had to resort to a fixed resistor instead of Vactrol control. This is pretty much in agreement with K6SE's article. I feel that the Vactrol method is essential for best performance because, for minor differences in bearing and frequency, different termination values are needed to squeeze out those "last few dB" of null. Using a ballpark value may get you a consistent 15 dB of null in the quadrant of interest, but will only give a deeper null on a handful of ideally-suited signals.



Note: 1N4003 diodes clamp maximum voltage to ~2 VDC, corresponding to ~30 mA through Vactrol LED. This sets photoresistor to minimum value, about 54 Ω.

To see how much deviating from the "sweet spot" value degrades null depth, consider the following case study: WORC-1310, Worcester, MA nulls better than 5 S-units (more than 30 dB) with a termination of 808 ohms. This degrades to 25 dB at 742 and 847 ohms, 20 dB at 694 and 911 ohms, 15 dB at 568 and 1104 ohms, and 10 dB at 305 and 1740 ohms.

I get typical good-depth nulls with as little as 700 ohms and as much as 1500 ohms depending on the station. From the previous null-degradation analysis, you can see the importance of hitting the proper termination "spot on", something you can only do with the Vactrol approach.

Nulls of selected stations in the design sector (south to west) were typically 18.8 dB with the Mini-Circuits T16-6T-X65 based feedpoint box and 22.6 dB with the "DIY" transformer based version. This says that the stray coupling effects of the coaxial feedline were reduced by the "DIY" design. In a few individual cases, the Mini-Circuits box showed a deeper null (but, more often, not). Previous Kaz and Pennant tests (with the Mini-Circuits based feedpoint box) showed somewhat shallower average design-zone nulls: 14.9 dB Pennant, 16.6 dB Kaz.

Some nulls exceeded 30 dB. For many stations on southwesterly bearings, a 25 dB null was not uncommon. Even at night on high-angle skip pests like WQEW-1560 NYC, nulls of better than 15 dB could be maintained for a long time.

When you attempt to null stations 45 or more degrees off the main null axis, the null resistance setting migrates towards either a short or an open. What happens is that the cardioid gradually degrades to a pattern with two shallower nulls clockwise and anticlockwise of the design null axis. Eventually, with the two nulls close to a right angle to the axis, you develop a figure-of-eight pattern just like a normal loop antenna. This finding was also noted in the Kaz and Pennant studies.

Stations close to the opposite direction of the design null bearing show little signal variation with changes in the termination resistance. WESX-1230 and WNSH-1570 to the east and WNBP-1450 to the northeast are in this category. These stations, and some of the Maine and Canadian Maritimes stations, are among the few domestic stations I like to see enhanced by antennas being tested. That's because the bearings to them continue on towards desired DX targets in Europe, North Africa, and the Middle East.

Sensitivity on peaked signals with the 4.88 m by 10.36 m Flag Antenna averaged 16 dB below the reference sloper with the Mini-Circuits based feedpoint box and 11 dB below the sloper with the "DIY" transformer feedpoint box. Again, this shows an advantage to using the homebrew transformer.

The previous Kaz and Pennant tests showed 23 dB less sensitivity than the sloper: those antennas had an enclosed area of only about half as much as the area of the Flag.

I can use the antenna as a "straight" broadband loop either by setting the Vactrol to minimum resistance or, even better, by removing the three boxes and just using a 4:1 transformer at the feedpoint. In this case, the two leads that normally go to the termination box would be shorted together. This large broadband loop has a good amount of pick-up in its figure-of-eight pattern. It is even less sus-

40 ceptible to local electrical noise than the Flag configuration. Two of these broadband loops at a right angle can be presented to two phasing unit inputs for versatile nulling. Also, one of these vertical-plane broadband loops could be phased against a non-directional antenna such as a broadband-transformer-matched vertical ground plane, vertical dipole, or horizontal loop.

The Flag Antenna, especially if made a reasonably-large size and mounted at a good height, is a very effective antenna. Though claims of it being a "backyard Beverage" may be exaggerated, it can have a commendable front-to-back ratio for situations requiring that kind of directivity. Refinements such as Vactrol termination and in-shack amplification are worthwhile performance-enhancers to consider.

Further Reading

The following articles and other potentially useful ones are available from links at <http://www.qsl.net/WA1ION/index.html>. Some may also be available on paper through the reprints services of the National Radio Club and the International Radio Club of America. These articles have references and links to other published material. The Hard Core DX and ARRL web sites also have useful material that can be located through common Web search engines.

- [Remote Termination of Beverage and Ewe Antennas](#)
- [Phasing Improves Kaz Antenna Nulls](#)
- [W7IUV Amplifier Card](#)
- [VTL5C4 / VTL5C3 Vactrol Data Sheet](#)
- [Pennant and Kaz Antenna Tests](#)
- ["Kaz Antenna" Tests by John Bryant](#)
- [Pennant Antenna with Remote Termination Control](#)
- [K9AY antenna links](#)
- [Flag and Pennant antenna links](#)
- [Flag and Pennant Antenna Compendium](#)
- [Is this Ewe for You ?](#)
- [More Ewes for You](#)
- [K9AY Loop](#)

**K-State football to be heard on one station
by Howard Richman, "The Kansas City Star"
via Todd Brandenburg and Doug Smith**

There will only be one broadcast of Kansas State footballs this year and it will be heard on the school's official radio network after all.

On Thursday, WIBW of Topeka and its parent company Morris Communications of Augusta, Ga., relinquished all broadcasting rights it had to K-State football. As part of the deal, Morris paid K-State \$1.5 million and regained airtime it had shared with the school since 1969.

The only broadcast of K-State athletics will be on the Mid-America Ag

Network of Wichita. In Kansas City, those games can be heard on WHB (810 AM).

The settlement was quite an about-face for WIBW, which on Aug. 22 retained rights to broadcast K-State football when a Riley County judge issued a permanent injunction, allowing the former flagship station of K-State football to continue broadcasting, even though it lost the rights in December to MAAN. The court decision allowing WIBW to retain rights stemmed from a 1969 amendment to a time-share agreement between WIBW and university campus station KKSU.

It ended six months of acrimonious lawsuits between the school, WIBW and MAAN.

"Any time you get a litigation, there's a tendency there that things become divisive," said Bob Krause, K-State's vice president for institutional advancement. "Now, maybe we can pull together as one family again."

Morris Communications paid the university for K-State's five hours of shared broadcast time. The transfer of the five hours from KKSU (from 12:30 p.m. to

5:30 p.m.) will belong to WIBW after a 90-day transition period.

The FCC must approve the deal.

"It's bittersweet," WIBW program director and ex-voice of Wildcat football Greg Sharpe said. "It's been a dream of ours to become a full-time station. It was a dream to get those hours back. But it's bittersweet because it's 48 hours from kickoff, and we can't do the game. There will be an empty feeling come Saturday."

The settlement also means K-State's athletic department is expected to receive \$1.2 million per year from MAAN starting next year. When WIBW was going to carry the broadcast, MAAN agreed to pay only \$300,000 this year because it had lost exclusive rights. Athletic director Tim Weiser said he was renegotiating this year's portion of the contract with MAAN now that the network will have an exclusive broadcast.

Marc Johnson, dean of the College of Agriculture, said he was confident that KKSU will assemble its own network that still will provide agriculture coverage and programs to farmers and ranchers and rural people in Kansas. Krause added the discontinuation of KKSU doesn't endanger federal money to the university.

(Although no media outlet has stated it definitively yet, the agreement would mean the end of KKSU-580 on the AM band. The station has shared time with WIBW since the 1920's, as WIBW will start broadcasting some time around the end of November during KKSU's weekday afternoon time slot. Sports announcer Greg Sharpe, meanwhile, may be assigned other duties with WIBW or WIBW-FM. -pjs)

International DX Achievements

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

International DX verie/taped totals listed by continents

Year Started	DX'er	Location	Last Update	Foreign Veries	Ctries	NA	SA	Eur	Oc	Af	As	
1933	Geary, Kermit	PA	2001	1106	6554	115	571	291	152	62	28	2
1952	McIntosh, Eric	NZ	1965	635	686	63	301	2	45	253	4	81
1938	Anderson, Roger A.	VA/NY/PA	1993	514	1448	105	227	78	128	48	28	5
1950	Krejny, Edward	OH	1996	441	2733	76	208	126	91	6	10	0
1963	Scrimgeour, Gray	CA/ON	1971	440	526	47	354	10	18	31	1	26
1940	Morss, Stan	MA	1993	424	3922	84	218	65	221	1	14	3
1964	Sorensen, Morris	ON/MB	1975	385	537	13	375	1	9	0	0	0
1958	Merriman, Alan	VA	1994	368	1615	93	212	47	88	3	14	4
1958	Dangerfield, Ben	PA	2000	332	432	128	85	44	152	8	33	10
1931	Steele, Sid	IL	1998	299	3101	36	104	12	2	8	0	1
1952	Schiller, Ron	NJ	1999	254	2103	86	136	34	72	1	8	3
1946	Moore, Ray	MA	1993	245	245	104	95	52	59	8	24	7
1960	Rugg, Andy	QC	2001	208	1777	71	87	48	66	0	6	1
1954	Starr, Jerry	OH	1974	194	1209	51	134	34	20	3	3	0
1960	Lynch, Don	MA	1980	157	0	9	0	0	0	0	0	0
1947	Luton, Relfe	NC	1973	142	1049	23	102	4	3	33	0	0
1969	Karchevski, Bob	MA/CA	1975	141	204	24	112	0	0	6	0	0
'	Callarman, John	?	1970	138	740	50	72	20	17	20	3	6
1964	Reynolds, Bruce	MO	1977	121	1103	28	111	6	2	2	0	0
1958	Wesolowski, Ernie	NE	1999	103	2222	32	85	8	0	7	1	2
1975	Swearingen, Paul (taped)	KS	2002	102	798	22	49	21	0	0	0	0
1955	Palmer, Richard D.	IL	1993	94	822	33	77	4	10	2	1	0
1976	Froemming, Gary	AZ	1994	92	338	17	85	7	0	1	0	0
1965?	Neff, James R.	NY	1971	87	30	29	70	4	10	1	1	1
'	Sampson, John	NJ	1965	72	445	54	23	6	38	1	3	1
1976	Renfrew, Jim	NY	1998	67	400	40	44	7	0	0	0	0
1967	Floden, Eric	ONT	1970	65	93	16	61	3	0	0	0	0
1973	Sgrulletta, John	NY	1998	64	64	54	24	24	19	0	3	3
1931	Holland, George B., Jr.	NY	1996	58	885	22	46	5	5	2	0	1
1992	Taylor, Pete	CA	1993	58	375	26	22	4	0	13	0	19
1962	Edmunds, R. J. (taped)	NJ	1998	56	897	43	50	37	14	0	0	1
1962	Musco, Ron	CT	1999	54	1308	49	40	5	10	0	2	1
1965	Kadet, Jeff	MD	1969	41	703	12	39	0	0	2	0	0
1958	Phillips, Dan	TN/AL	1974	40	567	26	21	9	5	3	1	0
1964	Heinen, Wayne	NY/CO	1996	38	1470	38	26	3	5	2	0	2
'	Fela, Joseph	NJ	1965	35	738	24	19	4	11	0	1	0
1966	Bruner, Jesse R.	KY	1966	27	132	23	17	3	5	2	0	0
1973	Mount, Paul	NJ	1995	25	230	6	22	2	0	0	0	0
1969	Falconer, Jeff	ON	2000	20	1091	22	14	2	2	2	0	0
1968	Bytheway, Phil	WA	1982	20	457	9	0	0	0	0	0	0
1977	Wolfish, Niel	ON	1977	20	397	11	14	4	2	0	0	0
1964	Whatmough, Dave	ON	1999	15	1014	13	6	1	3	0	6	0
1962	Edmunds, R. J. (paper)	NJ	1998	13	266	7	10	3	0	0	0	0
1964	Edmunds, R. J	NY	1999	1	76	3	1	0	0	0	0	0
1988	Kenneally, Rick (taped)	CT	1988	0	845	33	0	31	16	0	0	0
1965	Long, John	CT	1968	0	101	29	0	0	0	0	0	0
1975	Bartek, Daniel, Jr.	NE	1976	0	23	2	0	0	0	0	0	0

No recent updates, and I've dropped a number of non-members from the listing, but if you've rejoined and don't see YOUR name in the listing above, send in your totals so we see YOU here next time!

Feel free to send in your updated totals in time for the next IDXA; you probably have a month or more. Remember, only taped or paper veries are counted, and mainland U. S. and Canadian catches should not be included in NA totals for either U. S. or Canadian DX'ers. Include your best catch from each continent and all other totals when reporting. Our next column will feature North American totals.

Team Effort ...

That's what makes the NRC so great! And all information, contributions, and editing for DX News, DX Audio Service, and all publications is done by unpaid volunteers as part of a team. Perhaps you have a little time to give to your club... if so, please write to Ken Chatterton - P. O. Box 164 - Mannsville, NY 13661-0164, and let him know what talents and time you can offer to the club. Updates to the NRC AM Log are always needed. Why not write to Ken today?!

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	Upd	TDT	ST	PT	DCI	TDV	SV	PV	DCV	TDH	SH	PH	DCH
Geary, Kermit-e PA	26	7/01	2768	49	10	✓	5448	50	10	✓	5939	50	10	✓	✓
Kramer, Robert-Chicago, IL	70	11/96	2733	49	10	✓	2010	49	10	✓	3803	50	10	✓	✓
Malicky, John-Pittsburgh, PA	70	11/87	1184	40	6	✓	902	38	7	✓	1461	40	7	✓	✓
Forth, Karl-vic Chicago, IL	70	11/78	1077	48	10	✓	1088	48	10	✓	1771	48	10	✓	✓
Starr, Jerry-Youngstown, OH	54	1/86	1055	50	10	✓	1610	50	10	✓	2159	50	10	✓	✓
Edmunds, R. J.-n NJ/e PA	62	9/99	806	41	8	✓	263	42	6	✓	2001	47	9	✓	✓
Swearingen, Paul-e KS	75	9/02	700	44	7	✓	2	2	0	✓	700	44	7	✓	✓
Pimper, Dennis-NE, UT	68	12/84	651	40	5	✓	425	45	6	✓	2447	47	7	✓	✓
Hayes, Harry J.-ne PA	70	7/98	641	39	9	✓	185	30	3	✓	1354	41	9	✓	✓
Wolfish, Niel-Toronto, ONT	78	2/93	402	39	6	✓	493	43	10	✓	1285	43	10	✓	✓
Fela, Joseph-cent. NJ	61	10/78	400	40	7	✓	1045	48	9	✓	1861	49	10	✓	✓
Schmidt, Dave-se PA/n DE	65	11/79	400	40	4	✓	1006	48	8	✓	1250	48	8	✓	✓
Foxworth, Robert-Long Island, NY	57	11/78	400	44	9	✓	270	48	7	✓	1000	49	10	✓	✓
Taylor, Pete-Tacoma, WA	81	3/00	399	33	0	✓	70	14	7	✓	468	33	3	✓	✓
Francis, Steve-nr Knoxville, TN	70	2/00	315	45	3	✓	37	36	0	✓	2687	48	8	✓	✓
Wilkins, John-Denver/Des Moines	62	3/00	290	35	0	✓	1931	45	7	✓	2250	45	7	✓	✓
Mount, Paul-ne NJ	73	2/86	199	26	5	✓	224	33	6	✓	489	36	7	✓	✓
Karchevski, Bob-San Francisco, CA	69	10/78	197	35	5	✓	198	36	5	✓	249	36	5	✓	✓
Rugg, Andy-Montreal, sc ONT	60	8/01	168	28	7	✓	1569	47	10	✓	1606	47	10	✓	✓
Rugg, Andy-Montreal	60	8/01	168	28	7	✓	1412	47	10	✓	1445	47	10	✓	✓
Truax, Dick- vic. Louisville, KY	72	12/78	120	35	5	✓	20	17	3	✓	935	46	6	✓	✓
Wolfish, Niel-Winnipeg, MAN	85	2/93	113	10	4	✓	25	10	4	✓	813	37	9	✓	✓
Musco, Ron-nr Hartford, CT	62	1/02	108	28	3	✓	1244	47	9	✓	1386	47	9	✓	✓
Dau, Rick-Iowa City, IA	97	1/02	79	19	0	✓	0	0	0	✓	575	38	5	✓	✓
Smolarek, Bob n NJ	82	6/02	78	16	5	✓	7	7	0	✓	817	36	5	✓	✓
Taylor, Pete-San Francisco	58	3/00	70	6	1	✓	329	31	7	✓	450	32	7	✓	✓
Renfrew, Jim-Rochester, NY	76	3/98	68	27	5	✓	161	42	8	✓	1678	44	8	✓	✓
Mount, Paul-se OH	78	2/86	60	25	1	✓	3	3	0	✓	390	36	3	✓	✓
Bond, Jerry-Rochester, NY	62	10/78	50	10	2	✓	0	0	0	✓	785	43	8	✓	✓
Sanburn, Mike-Bellflower, CA	72	11/92	33	10	1	✓	212	23	5	✓	600	32	5	✓	✓
Renfrew, Jim-Severna Park, MD	71	4/89	15	8	1	✓	0	0	0	✓	553	36	5	✓	✓
Ponder, Stephen-Shreveport, LA	75	8/89	10	4	4	✓	721	39	5	✓	769	39	5	✓	✓
Vervoort, John F.-Brooklyn, NY	00	5/02	1	1	0	✓	4	4	4	✓	212	30	5	✓	✓
Steele, Sid-e IL	31	7/98	0	0	0	✓	2994	49	10	✓	3400	49	10	✓	✓
Krejny, Ed-nr Cleveland, OH	50	11/96	0	0	0	✓	2729	49	10	✓	3265	49	10	✓	✓
Bezilla, Steve-cent. PA	24	10/78	0	0	0	✓	50	45	4	✓	3000	48	8	✓	✓
Falconer, Jeff-Clinton, ON	69	7/00	0	0	0	✓	1070	49	10	✓	2799	49	10	✓	✓
Schiller, Ron-central NJ	52	11/98	0	0	0	✓	2103	48	10	✓	2534	48	10	✓	✓
Kureth, Joe-Uniortown, MD	61	1/00	0	0	0	✓	342	41	7	✓	2162	46	10	✓	✓
Wesolowski, Ernie-Omaha, NE	58	2/99	0	0	0	✓	1970	49	9	✓	2115	49	9	✓	✓
Whattmough, Dave-Hamilton, ONT	51	1/00	0	0	0	✓	1030	49	10	✓	2061	49	10	✓	✓
Axelrod, Shawn M.-s MAN	85	10/00	0	0	0	✓	0	0	0	✓	1913	50	10	✓	✓
Chatterton, Ken-n NY	45	11/78	0	0	0	✓	1101	50	10	✓	1845	50	10	✓	✓
Voorhies, Don-New York/Oswego, NY	32	2/98	0	0	0	✓	611	47	10	✓	1838	48	10	✓	✓
Jeter, Karl-Atlanta, GA	69	3/84	0	0	0	✓	1193	44	6	✓	1574	44	6	✓	✓
Heinen, Wayne-NY/CO	64	12/96	0	0	0	✓	1434	49	9	✓	1434	49	9	✓	✓
Bailey, Ron-Shelby, NC	92	4/01	0	0	0	✓	4	4	0	✓	1401	37	5	✓	✓
Arruda, Ray-nr Boston, MA	63	6/99	0	0	0	✓	1150	47	9	✓	1292	47	9	✓	✓
DeLorenzo, Marc-e MA	62	9/00	0	0	0	✓	0	0	0	✓	1172	45	9	✓	✓
Zank, Neil G.-Lincoln, NE	61	10/78	0	0	0	✓	535	45	9	✓	1100	46	9	✓	✓
Anderson, Roger-Arlington, MD	38	1/02	0	0	0	✓	1017	48	9	✓	1017	48	9	✓	✓
Harrison, Bob-ne NJ	82	6/98	0	0	0	✓	772	36	7	✓	996	36	7	✓	✓
Onyschuk, Ken-Homewood, IL	66	11/92	0	0	0	✓	16	13	0	✓	972	43	6	✓	✓
White, Thomas-nr Washington, DC	68	1/92	0	0	0	✓	243	38	7	✓	970	39	7	✓	✓
Sampson, John-Omaha, NE	54	12/78	0	0	0	✓	912	45	6	✓	912	45	6	✓	✓
Hardison, Greg-Atlanta, GA	64	11/78	0	0	0	✓	42	19	5	✓	900	36	6	✓	✓
Taylor, Pete-Durham, NC	52	3/00	0	0	0	✓	208	38	6	✓	891	40	6	✓	✓
Kureth, Joe-Southern Pines, NC	63	6/71	0	0	0	✓	92	26	2	✓	878	38	7	✓	✓
Rigas, Christos-vic Chicago, IL	81	3/98	0	0	0	✓	382	44	6	✓	862	46	7	✓	✓
Hopkins, Jim-s NJ	72	10/78	0	0	0	✓	455	43	7	✓	850	44	7	✓	✓
Holland, George Jr., vic. Albany, NY	51	11/85	0	0	0	✓	828	49	9	✓	828	49	9	✓	✓
Wallace, Jim-Columbus, OH	69	10/78	0	0	0	✓	137	36	3	✓	795	41	7	✓	✓
Harly, Nancy-coastal WA	69	12/84	0	0	0	✓	3	2	0	✓	778	40	5	✓	✓
Greene, George-Akron, OH	60	11/84	0	0	0	✓	119	29	3	✓	743	45	7	✓	✓

Renfrew, Jim-New Canaan, CT	67	4/89	0	0	0	✓	247	35	7	✓	721	39	8	✓	✓
Reed, John-Ponca City, OK	95	1/02	0	0	0	✓	0	0	0	✓	656	40	5	✓	✓
Edmunds, R. J.-Syracuse, NY	64	9/99	0	0	0	✓	75	31	5	✓	533	45	9	✓	✓
Boersma, Philip-w MI	73	10/78	0	0	0	✓	50	24	3	✓	520	41	6	✓	✓
Winkelman, Bruce-Tulsa, OK	79	1/92	0	0	0	✓	0	0	0	✓	498	36	4	✓	✓
Sampson, John-Winston-Salem, NC	68	10/78	0	0	0	✓	450	30	1	✓	450	30	1	✓	✓
Indenham, John-Joplin, MO	90	10/97	0	0	0	✓	0	0	0	✓	444	36	5	✓	✓
Dau, Rick	99	1/02	0	0	0	✓	2	1	0	✓	396	37	5	✓	✓
Alves, Paul H.-nr Boston, MA	48	2/99	0	0	0	✓	145	25	5	✓	352	32	6	✓	✓
Sampson, John-Hutchinson, MN	60	10/78	0	0	0	✓	336	42	6	✓	336	42	6	✓	✓
Renfrew, Jim-Raleigh, NC	78	4/89	0	0	0	✓	0	0	0	✓	329	7	2	✓	✓
Turner, Richard-se MA	94	12/97	0	0	0	✓	0	0	0	✓	328	29	6	✓	✓
Houdek, Gary-n KS	75	1/81	0	0	0	✓	31	21	1	✓	294	34	3	✓	✓
Sampson, John-Cupertino, CA	66	10/78	0	0	0	✓	258	17	3	✓	258	17	3	✓	✓
Renfrew, Jim-New York, NY	78	4/89	0	0	0	✓	0	0	0	✓	242	32	2	✓	✓
Taylor, Pete-Coral Gables, FL	45	3/00	0	0	0	✓	132	30	2	✓	221	29	3	✓	✓
Woods, Jack-w OR	74	2/81	0	0	0	✓	25	18	0	✓	194	26	4	✓	✓
Sampson, John-New York, NY	65	12/78	0	0	0	✓	181	33	6	✓	181	33	6	✓	✓
Edmunds, R. J.-ne ME	94	9/99	0	0	0	✓	0	0	0	✓	172	20	6	✓	✓
Renfrew, Jim-San Diego, CA	84	4/89	0	0	0	✓	0	0	0	✓	164	17	3	✓	✓
DeLeurere, Harley-Hendricks, WV	55	10/78	0	0	0	✓	59	48	10	✓	59	48	10	✓	✓

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

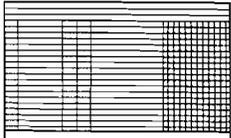
Thanks for updates from Steve Francis, Bob Smolarek, Bruce Windelman, and John F. Vervoort. We hope to see YOUR name and updated listings the next time around. Please?
 This column is arranged by "Total Domestic Taped" and then "Total Domestic Heard" as the tiebreaker, and we'll run various priorities at different times. Domestic of course include the contiguous 48 states and Canada; Alaska, Hawaii, Puerto Rico, etc., are counted as foreigners. 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. How about making it a priority for next time of filling in the blanks above, at least in the year started and last update column? Some of the listings are estimates, and that's just fine, but don't forget to update accurately when you can. See you next time? -73.

Please preserve these QSL's for future display! Do not discard these items. For preservation information contact the:
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 P.O. Box 118
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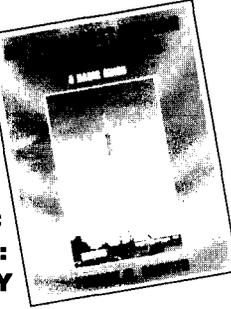
Logsheets - By Frequency

25 entries possible per sheet with space available to add your own columns. Punched for three-ring binders, full-size 8.5 x 11 inches, on heavy paper. Order "LS": 110 Sheets for US\$2.50 (\$3.50 non-members); "LSS": 25 sheets for US\$2.00 (\$2.50 non-members). (Not to be used to report DX to DX News columns, please.) Order from NRC Publications (NY residents, add sales tax).



AM Broadcast Station Antenna Systems A Basic Guide

Written by NRC'er Patrick Griffith, this book makes it easy for the non-technical DX'er to understand everything about AM broadcast antennas. Over 35 photos. \$13.95 to NRC members (\$17.95, non-members). Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).



NRC 2002-Lima in Photos

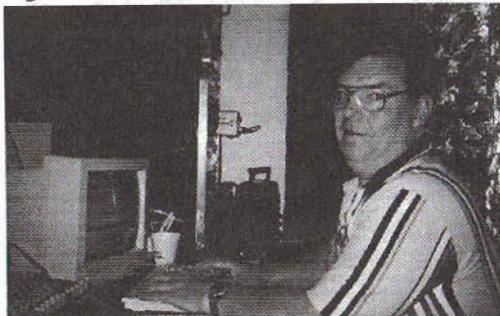
Images courtesy of John Callarman



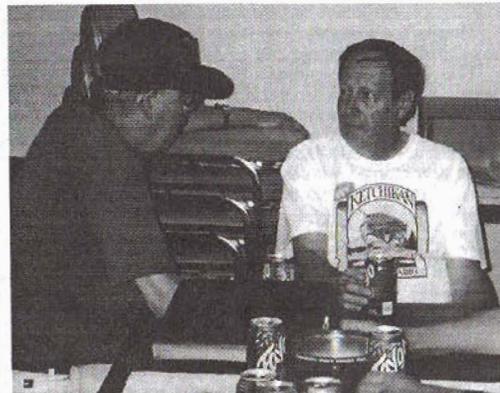
First to greet attendees in the meeting room are John and Linda Bowker.



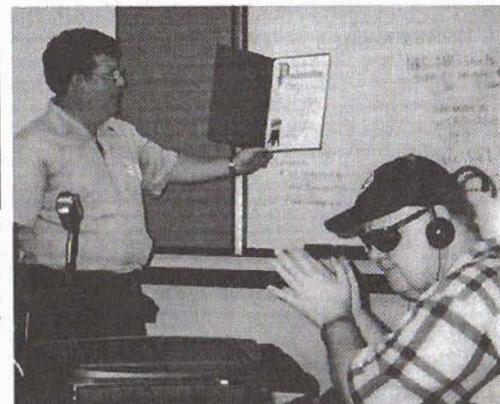
Mike 'n' mike ... Mike Lantz takes his turn at deejaying for WNRC during the convention. The station's signal blanketed Lima and its suburbs (at least on 1710 kHz) during the convention Labor Day weekend.



Fred Vobbe does a little fine tuning via the computer controlling the programming of WNRC-1710/101.1, Convention City, USA.



Perennial convention attendees Ernie Wesolowski and Dave Whatmough chat in the well-stocked meeting room.



Fred Vobbe reads a proclamation from the mayor of Lima, which establishes August 31, 2002, as "National Radio Club Day", while Wayne Ryan listens and DX'es at the same time.



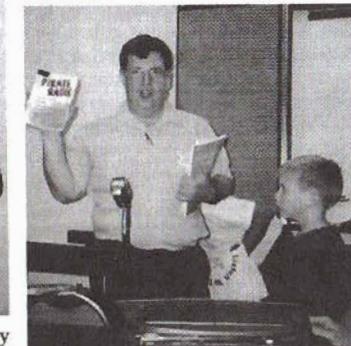
John Callarman, César Objío, and Don Trelford reunite, John and César for the first time since the Boston NRC convention in 1960.



Fred Vobbe and Ken Chatterton check details to get ready for the business meeting.



Jerry Starr congratulates Brenda and Bill Swiger after they receive the annual "Dedicated Service Award" at the business meeting. Both are former two-time convention hosts and continue to assist with NRC Publications duties.



Fred Vobbe begs for bids on a lot at the auction, while son Jon looks on.



The 38 (or so) NRC 2002 convention attendees line up for the obligatory group photo in front of the Hampton Inn in Lima, OH. The photo was followed by the banquet, business meeting, and auction, not to mention input of libations, output of cash, and a general good-time-had-by-all experience Saturday evening.

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.

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Times are local per Muse; submit double-spaced only.

Eric Conchie, Tweed, ON

I just rejoined the NRC after being out a couple of years, and having just received my first DX NEWS, thought I'd take the opportunity, and your invitation to introduce myself. I live in Tweed, Ontario (about 120 miles north-east of Toronto), and have been DX'ing off and on for about 30 years. For the AM DX'ing, I use three radios, a GE SuperRadio II, an Optimus (Radio Shack's clone of the SuperRadio II), and an newly purchased CCRadio. At the moment, the only "external antenna" I use is a Select-Tenna, although I plan to put up some kind of outdoor antenna before the snow flies (hopefully another two months at least!!) I also DX FM and TV a bit, using my stereo and TV along with a Channel Master antenna on a tower about 40 feet up. As far as listening is concerned, I am somewhat lucky in that the nearest AM station is about 25 miles from me (CJBQ 800 Belleville), so other than this one and the two stations in Kingston, Ontario (which I can usually null out by turning the radio), I don't really have to worry about local pests at night. I think I first got hooked on DXing about 30 some years ago, when, up at our cottage in central Ontario, I used to tune in to WOWO out of Ft. Wayne on a regular basis after dark. I remember many evenings on the beach in front of a bonfire, listening to the radio, and I would sneak the dial to either WOWO, WCFL or occasionally WLS—all one time zone behind us, from our usual CHUM out of Toronto—(back to oldies as of Aug 27 BTW), in an effort to try and fool my parents into not realizing how late it was and that I should be in bed—(hey, I was a 11 or 12 at the time). I have just gotten back into DX'ing again this summer, and especially enjoy DXing around sunrise and sunset, trying to catch some of the weaker stations when they aren't being hit by the 50,000 watt blow torches on the same frequency. BTW, it hit me this morning how we are heading towards fall and longer periods of darkness when I realized that I was still getting clean signals from WTAM, WTOP and WQEW at almost 8 o'clock this morning. Ah, at least DX'ing means that there is at least one good thing about winter!!! (And thank you for your report Eric, and we will look forward to hearing of your DX doings!-DWS)

Fred Vobbe, Lima, OH

Well, another convention in the bag. The last folks rolled out at 2:10PM on Monday, and the only thing left is to read the Convention Report by JOHN MALICKY. I hope that everyone enjoyed their stay in Lima! We'll see ya'all in Dallas in 2003! I have to acknowledge a few helpers who did some behind the scene activities. Thanks go to WALLY WAWRO for his help back on July 26th, and for taking an air shift on WNRC when the "air chair" was empty. Also a big thank you to DAVE GRAUPNER at TM/Century, who donated an entire new jingle package to WNRC this year. Those of you who work in radio, please remember TM/Century. Dave and his company really helped our club, and made a big donation. He deserves our support and business. Finally, thank you to PHIL WAYNE for all his help, and taking a few days off work to assist in setup. Although the convention was reported in the E-mail list as "Fred Fest 2002", Phil was as much a part of the convention crew as I was. Thanks again, Phil! WNRC seemed to sound fine, and although not heard at any great distance, it was heard around town fairly decent. By the way, who the heck was El Kabong? Everyone seemed to enjoy Kewpee Hamburgers on Friday, however I was worried on Friday at 6PM when I had several dozen left and JOHN MALICKY had not arrive yet. I didn't know if I needed to go out and get more. I'm glad the Clear Channel Lima tour went off OK. "The girls" had a great time on Saturday with their tours, and it was nice having dinner with the BOWKER's on Thursday night. All in all, a great time. Ok ... (passing torch) ... Wally, John, and Bill, it's your turn! We'll see you in Big D on August 28, 2003.

John Malicky - 95 Shadycrest Drive - Pittsburgh, PA 15216

Hello from the home of the NRC 2001 convention. Already over a year has passed since that convention. I was saddened to hear of ERNIE COOPER'S passing on April 28, 2002. Ernie was a friendly fellow, always giving DXing tips to other members and always enjoying attending the NRC conventions. Besides his Christmas cards and a copy of a review of the past DX year, I'll always remember him for his baseball knowledge and routing for his Mets. I'll also remember the pens and pencils he kept in his tube socks that he wore and getting lost inside Denvers International Airport at the NRC Aurora convention in '95. Ernie sent me a cassette of his radio show "Forward March" from WOMR,

including a special greetings, some years ago. We'll miss you ERC. A quick note on local radio news, WURP-1550 has been silent at least 6 months and doesn't look like they'll return to the air. They did have the Tom Joyner Show in the morning, which has since been picked up by WAMO 860. For several months, KDKA-1020 has been IDing as "Newstalk 1020" leading into news, shows, weather and self promotions. KDKA has undergone some cost cutting moves on their sports shows, replacing a few with others from the station staff and KDKA TV. The station remains number 1 in the ratings from 6AM til midnight, although WDVE-102.5 is moving closer, with both stations having double digit numbers. Nostalgic WJAS-1320 has moved up in the morning with Jack Bogut into the Top 5. And sports/talk in the midday/evening slots is split between WBG-970 and WEAE-1250, with WEAE catering to the 18-32 age group, while WBG has a following for the mid-30 age group and up. Hope to see the regulars (CHRIS CUOMO, etc.) at NRC Lima and hearing WNRC again. Tentative plans are to visit stations in Akron, Canton, Youngstown (WHOT!) and a few other towns. Finally, it was interesting to watch and listen to KDKA-1020/KQV-1410 of the miners recovery from near Somerset, PA on July 28th. 73's! (Sorry for the delay in getting this in John, your letters arrived 13 days after it was mailed!-DWS)

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

I've been in the Scranton/Wilkes Barre PA area for over 4 years. On arrival, I noticed they were setting up a small network of TIS stations between the frequencies of 530/1610/1640. One of the transmitters, located in Wilkes Barre on 530 started running a test message, which is fine. After 2 YEARS, the test message was taken off and traffic information started showing up, generic in nature, about delays and closings on I-81 in the area. The other stations started to pop on, covering an area from Clarks Summit to Hazelton, with signs set up on the highway of where to tune. The stations were rebroadcasting the NOA weather station from Wilkes Barre a lot of the time also. About 6 months ago, I noticed the 'warning lights' were flashing on the sign on I-84 to the east of Scranton, so I tuned in, and the weather service was being rebroadcasted, no information on a traffic accident that had traffic backed up for HOURS on I-81. The same things happened the next night, a traffic accident had traffic backed up again on I-81, the TIS stations were rebroadcasting the weather service. Finally, one day the following weekend, they were rebroadcasting information on an accident near Somerset, PA on the turnpike that happened on Friday! With that, I had heard that the Northeast PA office of PENNDOT had opened a web page, so I decided to check it, and low-and-behold, it was there, noting a section "Write us". I did, a LONG complaint about how poorly the TIS station system was being used in this area. My suggestion was for them to sign up with a professional traffic reporting service (such as Metro Traffic), OR if they couldn't or didn't know how to use the TIS station system they had set up, to SHUT IT DOWN! Since then, the stations have been shut off, none of the TIS stations in NE PA that Penn Dot was running are on the air. The PA Turnpike recently opened a station or two on 1640 in this area. Lackawanna County had a station on 530 at their Tourist Info building, it is also off. My thinking on the TIS stations has always been they are there for information and when they don't provide a specific need for information, they shouldn't be on. OK, get your introduction Musings in for the start up of the new volume year of DX NEWS, we'll look forward to hearing from YOU! (You, too, PLS!-DWS) (Okay, okay -pls.) (And Dave, our sincerest condolences to you and your family in the loss of your mother recently. -pls.)

The NRC is growing - and you can help.

More members in the NRC means a larger DX News ... and more features and services for all members. You can help your club grow: just send the names and addresses of potential club members to the NRC - P. O. Box 5711 - Topeka, KS 66605 and we'll send them a current copy of DX News. You could start with your local AM stations' personnel! Spread the word - the National Radio Club is on the grow!

LOCO THE DX CAT by Bruce Conti

