

# DX News

*Serving DXers since 1933*



Volume 68, No. 24 - April 9, 2001 (ISSN 0737-1659)

## Inside . . .

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*From the Publisher* ... Just around the corner is the NRC Convention in Pittsburgh, and convention host John Malicky is nailing down plans for the August 31-September 3 get-together. We'll have more details as they become available from John.

Ernie Wesolowski reminds those who intend to submit a formal bid for the 2002 convention to submit details by August 1 to him. You should include at least some tentative details of which hotel(s) are being considered, convention hosts, activities, etc., to be placed into contention. Ernie's address is 13312 Westwood Ln. - Omaha, NE 68144-3543. Also, if you're interested in the "Conrad Family Reunion" May 18, 19, and 20, in Waterloo, IA, you can also contact Ernie for details. Guaranteed at this GTG is a lot more DX talk than genealogy stuff, hi, as it's really a DX convention, not a family gathering.

Two other conventions coming up (details from "The AM DX Newsflash"): The IRCA/DecalcoMania convention will be held on August 24-26 2001 at the Best Western Airport Inn, 10232 Natural Bridge Rd, St Louis MO 63134. DecalcoMania member Mike Sanburn (PO Box 1256, Bellflower CA) is your host (mikesanburn@hotmail.com). For reservations 1-800-872-0070 or (314) 427-5955. Rates are \$73/night (up to 4 people/room). Registration is \$35/per-

son ... The WTFDA Convention will be held on July 27-29 2001 at the Super 8 Lodge, 2773 Elder St, Boise ID 83705. Host is Frank Aden (4096 Marcia Pl, Boise ID 82704 - N7SOK@aol.com). For reservations (208) 344-8871 (mention Frank Aden). Rates are \$62.10 (for a double). Registration is \$20.

### DXN Publishing Schedule, Volume 68

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
25.	Apr. 6	Apr. 16	28.	July 6	July 16
26.	May 4	May 14	29.	Aug. 3	Aug. 13
27.	June 1	June 10	30.	Sept. 7	Sept. 17

### DX Time Machine

#### From the pages of DX News:

50 years ago ... from the April 14, 1951 DXN: Joe Enz, Brooklyn, NY reported receipt of a verie letter from KFRB, Fairbanks, AL, which he had heard on March 4 from 0445 to 0500; he had verified KEAR previously.

25 years ago ... from the April 12, 1976 DXN: An article penned by Michael S. Hardester outlined the growth of TIS stations, which started in 1968 in Yellowstone National Park with six transmitters along the park's road system and grew to 30.

10 years ago ... from the April 15, 1991 DXN: Chris Cuomo's "TIS Updates" column included such listings as 1584-Gatwick IAP, UK, which as a commercial station aired advertising as well as tourist information.

## 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. 110 Sheets for US\$7.50 (\$8.50 non-members) (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).

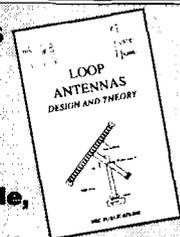


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# AM Switch

**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

	<i>Old call</i>		<i>New call</i>	
760	WBDO	FL	Palm City	WEFL
820	WYPA	IL	Chicago	WCSN
850	WODZ	PA	Johnstown	WSPD
950	WQBE	WV	Charleston	WVTS
980	WXBQ	VA	Bristol	WFHG
1000	WCCD	OH	Parma	WHK
1110	WEBS	GA	Calhoun	WKPE
1150	KDMM	TX	Highland Park	KBIS
1230	KCBN	NV	Reno	KPLY
1270	KPLY	NV	Sparks	KBZZ
1300	KKSC	CA	Brawley	KROP
1320	WVNZ	VA	Richmond	WLEE
1340	KAMG	TX	Victoria	KRNK
1340	WAIV	WV	Clarksburg	WXKX
1400	WHLB	MN	Virginia	WEEP
1420	WHK	OH	Cleveland	WHKK
1510	KPBI	AR	Greenwood	KSSP
1580	KDFD	AR	Van Buren	KHGG
1580	WTKT	KY	Georgetown	WSNE

**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!

### APPLICATIONS FOR NEW STATIONS

- 1490 AL Level Plains: 550/550 U1
- 1560 WA Burbank: 50000/2500 (15000 CH) U4

### GRANTS FOR NEW STATIONS

None

### APPLICATIONS FROM EXISTING FACILITIES

- 550 CFJC BC Kamloops: to 100.1 FM
- 580 WSKS NC West Jefferson: 5000/34 U1
- 920 KGHO WA Olympia: 3000/17 U1
- 940 CJIB BC Vernon: to FM (frequency not indicated)
- 970 WVOP GA Vidalia: 4000/60 U1
- 1150 CJRC PQ Gatineau: to 89.9 FM
- 1220 KOMC MO Branson: 470/44 U1
- 1240 KSOX TX Raymondville: 520/850 U1
- 1250 WMTR NJ Morristown: 5000/1000 U4
- 1320 WLEE VA Richmond: 5000/1500 U4
- 1470 WFJY PA Portage: to 660 kHz with 220 D3, city of license to Wilkensburg, PA (modification of application) U4
- 1480 WGFY NC Charlotte: 4400/5000 U4
- 1580 WSMO NC Camp Lejeune: to 1120 kHz with 20000 D1

### GRANTS TO EXISTING FACILITIES

- 600 WSOM OH Salem: 1000/45 U4
- 900 WKDW VA Staunton: 2500/120 U1
- 1240 KSOX TX Raymondville: 520/850 U1 (that was quick)

**SPORTSRADIO**  
**1590**  
**WAKR**

### OTHERNESS

- 750 KFQD AK Anchorage: CP to relocate transmitter is on
- 790 WTNC NC Thomasville: application for 2500/70 U1 is DISMISSED
- 810 KBHB SD Sturgis: CP for 25000/60 U1 is on
- 840 WXEW PR Yabucoa: CP for 5000/5000 U2 is on
- 850 KICY AK Nome: CP for 50000/50000 U2 is on (DA 0800-1200Z)
- 1030 WNVR IL Vernon Hills: CP for 5090/5 (3200 CH) U1 is on
- 1050 KEYF WA Dishman: CP for 5000/260 U1 from new site is on
- 1240 KMZK MT Billings: CP to relocate transmitter is on
- 1270 KBZZ NV Sparks: CP for 13000/5000 U2 is on
- 1290 WHKY NC Hickory: application for 25000/1000 U4 is DISMISSED
- 1370 WBYE AL Calera: station is SILENT
- 1440 WHKW OH Warren: station is SILENT
- 1450 WDLK AL Dadeville: silent station is ON THE AIR
- 1520 WKBZ MI Muskegon Heights: station is SILENT (again)
- 1550 WVAB VA Virginia Beach: CP for 5000/9 U1 from new site is on
- 1570 WGSR FL Fernandina Beach: station is SILENT
- 1660 KAXW CA Merced: new station is testing on the air
- 1660 KWSJ KS Kansas City: new station is testing on the air

THANKS: Bill Hale, Shawn Axelrod, Al Merriman, Ed Krejny, Phil Boersma, Don Kaskey, Les Johnson and MSJ

*Jerry & BKf*

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

*It may not be perfect ...*

but the NRC AM Log is, simply, the best there is because of your contributions. Why not make the next edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831, or nrclg@aol.com. Thanks!

**The NRC AM Radio Log, 21st Edition, including cross-referenced listings from 530-1700 khz., is compiled from both listeners' reports and official sources, making it the most accurate listing of U. S. and Canadian AM stations available. Unbound, three-hole punched for standard binders. Still only \$16.95 to U. S. and Canadian members; \$22.95 to U. S. and Canadian non-NRC members. Airmail to members: Latin America, \$24.00; Europe, \$25.00; rest of the world: \$28.00. Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax).**



**AM Broadcast Station Antenna Systems A Basic Guide**

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# Domestic DX Digest

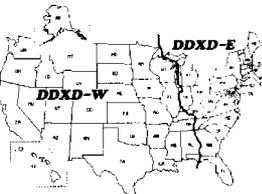
West: **Bill Hale** phantom2@eaze.net

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

East: **Michael Shaw** mshaw002@tampabay.rr.com

455 Alt. 19 S., Apt. 176 - Palm Harbor, FL 34683-5931

(Division line is  
between East and  
Central time zones)



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

## DDXD-West

### MEDIUM WAVE RAMBLINGS

- Off the NRC Reflector, **John Sampson** relates: "Per article in today's Arizona Republic, local KSLX (1440) will be changing call KAZG on April 1. Format will be oldies (call stands for 'Arizona Gold'"; **Chris Knight** writes: "During the KRLD SP, I got a visit from the local police. Upon leaving the area at 0200 EST, I noticed that the east beverage (pointed at WTIC) had too much slack. The next day, I reeled in the wire and found the break at 200 feet out! Some coyote or skunk ruined my chances at WTIC by biting through the wire. @#%\$%!"; **JJR** says: "Nothing new, but a ton of stuff not normally heard. Still fishing for stations on my target list. 1550-WAUX WI has been silent for several weeks. Might be permanent?"; **Shawn and Wayne** . . . to the back of the bus! And they report: "Well it was one of the best DX peditions in a long time. Managed to hear 12 new stations including three new countries: Kuwait, Ukraine and Slovakia. At first we were very disappointed as nothing new or even decent heard from 1500 to 1900 local time. Had thought of eating and going to bed early. Then at 1900 or 0100 UTC the band changed inside of 10 minutes we had TA hets all over the place on Long and medium wave. Tried for a repeat in the morning but only TP hets no audio. Temps were about -15 to -20C with winds at 30-50 kph making it lovely -30C outside. Kept the wood stove going in the bus and were warm as could be in shirt sleeves DX'ing our hearts out. The bad weather or long hard walks have always lead to good DX and this was no exception. Will be last trip of the season due to work and if we get lucky snow will be melting starting next week making the field a muddy mess. Quite the end to a season at the old DX bus."; **Nancy** narrates: "1490 is still blocked by local KBSR, so I've had to go down the dial to 1450. Not too much luck there, however. Still waiting for my KIWA loop which was ordered Labor Day week! It was supposed to be delivered by Christmas, but guess Craig is way behind in orders."
- **Frank Aden** sends a report from *The Idaho Statesman*: "Jailed Man to Shut Down His Radio Stations OROVILLE, Wash.-A pirate radio station owner has decided to take his unlicensed stations off the air in an effort to get out of jail. Mark Alan Rabenold called his wife, Jeri, and told her to shut down the low-power stations in Oroville and Tonasket. 'I cried all the way from Tonasket to Oroville,' she said Thursday. U.S. District Judge Edward Shea on March 7 jailed Rabenold for six months for contempt of court for refusing to shut down the stations. The Federal Communications Commission first ordered Rabenold to stop broadcasting in 1998. - Statesman wire services". No report if the stations were AM or FM, but likely FM - Ed.
- Next issue: one week. Then the next issue won't be for a month! Deadlines here are always one day prior to the Topeka deadline. Consult your local listings (the cover of *DX News*).

### REPORTERS

- AB-CA **Art Blair** Folsom NRD-515 & Kiwa loop <blairs@calweb.com>
- RD-IA **Rick Dau** Iowa City Sony ICF-2010 <rdau36@yahoo.com>
- PG-CO **Patrick Griffith** Westminster Drake R-8 and Kiwa loop <AM-DXer@webtv.net> and <http://www.angelfire.com/co/antenna/> and <http://community.webtv.net/NOONNK/>
- TRH-CA **Tim Hall** Chula Vista ICF-2010, KIWA Loop <halls@inetworld.net>
- GJ-CA **Gary Jackson** Sacramento FRG-8800 + Kiwa Loop
- NJ-MT **Nancy Johnson** Billings FRG-7 & Radio West loop <nancyjohnson@prodigy.net>
- CK-CO **Chris Knight** Fort Lupton Kenwood R-1000, KIWA loop, 700 foot SE beverage (unterminated), 1300 foot East beverage (unterminated)
- DKK-CA **Don Kaskey** San Francisco Drake R8 + Kiwa Loop <kaskey@jps.net>
- JEL-MO **J.E. Lewis** Kansas City Dodge 3500 Maxivan

VOICE OF THE CAPITAL REGION



- BM-SD **Bill Moser** Fort Pierre GE Superradio II with built-in antenna (barefoot) <wcmfort@dakota2k.net>
- CR-IL **Christos Rigas** Wood Dale Sony ICF 2010 w/built in antenna <crigas@birinc.com>
- JJR-WI **John J. Rieger** South Milwaukee Icom IC-R75 + KIWA Loop or GE Superadio III + Terk AM1000 loop <johnrieger@webtv.net>
- JTR-OK **John Reed** Ponca City Racial RA6772E with 100' wire, modified KIWA loop, MFJ phaser <jreed@ponca.net>
- KR-AZ **Kevin Redding** Mesa DX398 and Radio Shack 15-1853 loop <lwdxer@juno.com>
- MS-MB **Morris Sorensen** Winnipeg Drake R8 with McKay-Dymek Loop or Quantum QX Pro Loop (New) <SMosor@aol.com>
- RS-MO **Randy Stewart** Springfield FRG-100; 15" Sanserino box loop <jrs555t@smsu.edu>
- PT-WA **Pete Taylor** Tacoma Sony ICF 2010, Kiwa air core loop <taytac@worldnet.att.net>
- RT-CA **Rich Toebe** Davis Grundig 3400 Satellit, Radio West loop <richtoebe@jps.net>
- VALDX-MB **Shawn Axelrod & Wayne McRae** DXing from Valhalla Beach 2 ICOM ICR-70 + 6 Beverage antennas, 1200 to 2200 feet long, and 2-MFJ 1026 Phasing Units <saxelrod@mb.sympatico.ca> And don't for the AMANDX DX Info Site including the Canadian DX and Expanded Band Pages: <http://www.angelfire.com/mb/amandx/index.html>
- Ed.-TX **Editor** North Richland Hills

### STATION NEWS & NOTES

- 660 WBHR MN **Sauk Rapids - 3/19** - Was expected to drop Radio Disney for FOX Sports Radio today. Can anyone confirm? (**Jon Ellis** at <http://www.northpine.com/broadcast/index.html>)
- 690 KVOI AZ **Tucson - Is REL no more.** They are now using the slogan *The Voice* and are mostly right-wing conservative talk programming. I do know they carry **Oliver North** and **Michael Medved**. (KR-AZ)
- 910 WSUI IA **Iowa City - New mailing address** is 710 Clinton Street Bldg., Iowa City, IA 52242-1030. **Phone number is now** 319-335-5730. (RD-IA)
- 1270 KPLY NV **Sparks - 3/12 2100** - With ID: *KPLY Sports Radio 1230*, and at **2106 K-Play 1270**. On 3/20 at 2115 noted still using *K-Play* IDs during **Tom Leykis** breaks. (DKK-CA)  
*And then he heard . . .*
- 1270 KBZZ NV **Sparks - 3/21 2200** - With ID: *KPLY, K-Play 1230 Sparks-Reno*, *KBZZ-Sparks-Reno*, into CBS News during **Tom Leykis** show. Leykis now going until at least **2400** here; used to end at **2200**. Could not hear the 1230 outlet. 3/22 noticed still carrying Sports Talk about 0200 EST this morning. (DKK-CA)
- 1270 KBZZ NV **Sparks - 3/22 0857** - *K-Play 12-30* slogan, **Gold Bond** ad and Selective Service PSA, *KBZZ* ID at **0859** and into CBS News. Not heard on 1230. Ex: *KPLY*. (AB-CA)
- 1270 KBZZ NV **Sparks - 3/23 0000** - Heard running a continuous loop: *K-Play has moved to 1230 AM . . .* Top-of-hour ID: *KBZZ Sparks-Reno* cut in right over the loop. Signal fadey, over/under KTFI. (RT-CA)
- 1550 WAUX WI **Lake Geneva - 3/12 - Is now silent.** (**Tim Noonan** at <http://www.angelfire.com/wi/dxing/#head>)
- 1620 KSMH CA **West Sacramento is their new city of license.** Heard their top-of-hour ID give this. Interesting, as their studios and transmitter are in Sacramento. Today's *Sacramento Bee* says their transmitter is at 28th and C Streets (Midtown Sacramento). (RT-CA)
- 1630 WTEL GA **Augusta - 3/25 0040** - Poor signal, under KCJJ, with talk programming, and dual ID on the hour. NEW! (VALDX-MB)
- 1660 KAXW CA **Merced - 3/22 - Now testing daytime.** IDs as *1660 AM Merced* at 1208. No Audio! [was the *1660 AM* in code? - Ed.] Has been testing at night on week-ends. According to station, they should be on the air in two weeks. Saw KSMH's tower on 3/22. It's on a landfill near American River. (GJ-CA)
- 1660 KWSJ KS **Kansas City - 2/21 0930 - Noted ON testing with classical music.** Newspaper article had mentioned that due to spotty signal, especially at night, the 1250 owners might move their format here. Then what would become of 1250? CLA supporters had previously objected when 96.5 FM became rock, moving CLA to 1250. (JEL-MO)



## UNIDs and UNID HELP

- 510 OF ?? - 3/24 1700 - UnID beacon. Very weak signal. (VALDX-MB)  
 1080 UNID ?? - 2/18 0059 - After KRLD sign-off for maintenance, had unID EE talk with two males. Very weak signal, but little fading. Seemed to loop north by slightly northwest. Was still there after WTIC planned sign-off, so probably not them. Heard mention of . . . *environment* . . . at 0123 and call sign beginning and ending with "K" at 0135 (KOTK?). Splatter here from local SS KMXA-1090. KRLD night signal is local quality here. (PG-CO)
- 1370 UNID ?? - 3/11 0925-1005 - In Asian language . . . sounded Japanese. At breaks had ads in EE and Asian. Missed the ToH ID at 1000. QRM from KAST/KSOP. KZSF off. Suspect KWRM in Corona. (DKK-CA)
- 1380 UNID ?? - 3/19 0705 - Poor, under WONO, WJTK and KSLG. SS programming noted here in past few days. Who is SS on 1380? (JJR-WI) [Log says: WFNW-CT, WWRF-FL, WKDM-NY, WDLW-OH, WHEW-TN, KMUL-TX, WOLA-PR. Take your pick - Ed.]
- 1660 UNID ?? - 3/25 0023 - Classical music under several stations. Seemed to be non stop . . . was this a test?? (VALDX-MB)
- WCYN Radio, Inc.  
P.O. Box 398  
Cynthiana, Ky. 41031

## DX AND EQUIPMENT TESTS

- 1080 WTIC CT Hartford - 3/18 0128 - FINALLY faded up over Radio Cadena Habana during the KRLD silent period, with a spot giving a phone number sounding like 1-800-561-9786; came back up well around 0131 with weather forecast, sports, several WTIC News-Talk 1080 mentions. Also caught part of Jeff Hugabone's sign-off announcement suggesting listeners try for distant stations while WTIC was off. First-time log for me (Connecticut No.1 as well) Thanks to both stations for this cooperative effort! (RS-MO)
- 1080 WNIW IL Oak Lawn - 3/18 - Noted after KRLD sign-off at 0100, during KRLD/WTIC silent period, fighting it out with CKSA Lloydminster, Alberta. The former with ethnic programs and English IDs and the latter with news and country music. Both were unneeded here. A third station way in the background with talk may have been WTIC but it was far too weak to identify. Connecticut would have been a new state for me at this location, although I did log WTIC years ago in Northern Manitoba. (MS-MB)
- 1080 (KRLD) TX Dallas - 3/18 0112 - Off the air, leaving KSCO, UNID XE (presumably XEDY), and another talk station very weak. Nothing new logged in their absence. Back on the air before too long. (TRH-CA)
- 1660 WMIB FL Marco Island - 3/25 0002 - Fair, fading in and out, with oldies rock tunes, IDs, and tones during a DX test. (CR-IL)

## TIS &amp; OTHER STUFF

- 524 AJG IL Mount Carmel - 3/25 0448 - Beacon heard. NEW! (VALDX-MB)  
 530 WQO624 ND Devils Lake - 3/24 1600 - Good signal, dominated frequency for three hours with woman giving North Dakota road info. (VALDX-MB)
- 1040 WRU892 CA Fresno - These are call letters of station I reported hearing 2/11. (GJ-CA)  
 1580 TIS? CA Benicia? - 3/16 1600+ - While driving 1-680 between Fairfield and Walnut Creek this afternoon, caught the strangest signal; a continuous tape loop of what you'd hear if you are being kept on hold for a customer service line! Thank you for your patience—you will be assisted momentarily, please stay on the line. Messages by both a male and a female, with music playing in the background. Loop lasts about 2 and a half minutes, then repeats. No IDs given. Signal strong and clear as I was crossing the Benicia Bridge. In Concord it was much weaker, and was inaudible in Fairfield and Walnut Creek. (RT-CA)

## MIDNIGHT TO MIDNIGHT ELT

- 590 KID ID Idaho Falls - 3/28 0740 - Local weather (32 degrees), news and time check. Faded out but returned with News Radio 5-90 KID slogan/ID at 0749. (AB-CA)
- 620 KSTR CO Grand Junction - 3/17 1954-1957 - Very good signal, with 1980s adult contemporary music, and ID by woman: Your favorite place for music of the 80's and 90's K-Star 96 point 1. New. (CK-CO)

- 640 KTIB LA Thibodaux - 3/17 2056 - Wrapping up a baseball game by giving sponsor list and then a call letter ID. (CK-CO)
- 650 WNMT MN Nashwauk - 3/19 0749 - Fair, with News Talk WNMT, with Minnesota mentions, ads, and a PSA. WSM gone. (JJR-WI)
- 660 KBHR MN Sauk Rapids - 3/18 1921 - Fair, with Radio Disney and calls said twice into ads. (JJR-WI)
- 660 CFFR AB Calgary - 3/18 0031-0042 - Sports-talk program and ID: Calgary players Network, CFR, into talk about Calgary Flames. Very good signal. (CK-CO)
- 750 KMMJ NE Grand Island - 3/17 1948 - Tuned in to hear sign-off announcements in Spanish, then in English, then ID. Off with no anthem, just open carrier. (CK-CO)
- 750 KERR MT Polson - 3/15 0950 - Atop, with Montana news/sports/ads, and ID. (DKK-CA)
- 750 CJVR SK Melfort - 3/17 2059-2105 - Very good with country music, into Broadcast News without any ID, after the news gave ID: CJVR news time 8:04, then promo for the CJVR Date Line, then several local ads. (CK-CO) [I called a 'date line' once . . . They said it was November 12, 1964 - Ed.]
- 760 KFMB CA San Diego - 3/25 0608 - Fair signal, with sports talk and KFMB ID. (VALDX-MB)
- 760 KTKR TX San Antonio - 3/23 0040-0045 - Very good, with ID: KTKR San Antonio now joins the following program in progress, into Sports Fan Radio Network programming, talking about college basketball caps, mentioned Duke University. Local KTLK nulled. New. (CK-CO)
- 770 KUOM MN Minneapolis - 3/18 1915 - Poor, with sign-off. Radio K and suggestion to tune to www. Rare. No WABC. (JJR-WI)
- 770 CHQR AB Calgary - 3/18 0020-0030 - Fair, over KKOB, with talk program on male pattern baldness, break at 0030 with QR-77 slogans. (CK-CO)
- 800 KHIS CA Bakersfield - 3/17 0800 - Way under KLDC and XEROK, with ToH ID and network news but can't tell which network under all the hash from the other two stations. (KR-AZ)
- 800 KLDC CO Brighton - 3/17 0745 - Playing some very high energy gospel music by a black choir and band. Broke at 0800 for ToH ID was over KHIS and XEROK both. (KR-AZ)
- 880 KRVN NE Lexington - 2/24 0940 - Good, with a very long string (one that must've lasted at least 10 minutes) of announcements of upcoming livestock auctions in western regions of Nebraska, Kansas, and South Dakota. With its booming 50 kW signal, and a strong emphasis on agriculture programming, this station provides a wonderful service to thousands of farmers and ranchers throughout the high plains. In a day and age of automated formats, satellite programming, and oftentimes downright disgusting-beyond-offensive morning drive shows, this is a refreshing change. (RD-IA)
- 920 KYST TX Texas City - 3/22 2200-2208 - In Spanish. Fair on peak with ID: Radio Noticias, AM 9-20, Houston, then woman with announcements, ad for MLN Realty in Spanish, into talk program. (CK-CO)
- 930 KAGI OR Grants Pass - 3/15 1000 - ID after BBC News Program, and into NPR News. (DKK-CA)
- 940 WNRG VA Grundy - 3/17 0701 - Fair-to-good, with C&W. Then calls into CNN News (tape delayed). Thought I had this. NEW! (JJR-WI)
- 940 CJIB BC Vernon - 3/12 0015 - Unexpectedly on top with no KWRU and minimal KJR slop. Rare. (PT-WA)
- 960 KMA IA Shenandoah - 3/17 1915-1933 - Good, with non-stop country music, including song by Dixie Chicks at 1925, more country music. ID finally at 1933. (CK-CO)
- 960 KZIM MO Cape Girardeau - 3/17 0751 - Poor, under WSBT, with calls and weather. Rare. (JJR-WI)
- 1020 KDKA PA Pittsburgh - 3/17 1933-1937 - Very good and alone, with local talk program. Host said Caroline, you're on KDKA, talking about college sports. (CK-CO)
- 1030 KBUF KS Holcomb - 3/25 0620 - KBUF ID and country music. New format and new sign on time. (VALDX-MB)
- 1080 KSCO CA Santa Cruz - 3/18 0100-0159 - Mostly poor-to-fair, sometimes good on peaks, with discussion about affordable housing in the Monterrey Bay area, many mentions of Silicon Valley, mentioned AM 10-80 and AM 13-40 KOMY, gave



phone numbers. Heard during KRLD SP. (CK-CO)

1080 WTIC CT Hartford - 3/18 0130 - KSCO faded down and another station in English came up with news and possible ID: ... *the news(?) connection, WTIC(?)*. Could be, but perhaps my own wishful thinking. Very tentative. During KRLD SP. (CK-CO)

1080 WOAP MI Owosso - 3/19 0732 - Poor - no WNW! Several *mid-Michigan* mentions. Oldies. (JJR-WI)

1080 KYMN MN Northfield - 3/19 0731 - Poor, on top of frequency, with Linder Farm net and finally an ID after 20 minutes! (JJR-WI)

1090 KYCW WA Seattle - 3/18 - Weak, with ID at 0059:45. New for me. (NJ-MT)

1100 KDRY TX Alamo Heights - 3/26 0700 - Playing C&W style GOS, then into weather (50 and cloudy) and ToH ID. Preaching program at 0701. (KR-AZ)

1110 KLIB CA Roseville - 3/10 0204-0300 - Very strong at times over KBND. I was getting nowhere with CFSL (below) due to KEX's hypermod promo at 0259 so got the new computer generated KLIB ID at 0300. Glad I knew what it was because I couldn't have read it otherwise (PT-WA)

1150 WGGH IL Marion - 3/17 0619 - Poor, with new satellite-fed Southern Gospel format. 44 watts! (JJR-WI)

1180 KYET AZ Williams - 3/25 0723 - Strong signal dominated frequency for 20 minutes, with old-style country music and IDs. NEW! (VALDX-MB)

1190 KEX OR Portland - 3/35 0700 - Poor-to-fair signal, with KEX ID on the hour. Rare here. (VALDX-MB)

1190 CFSL SK Weyburn - 3/10 0211-0315 - Murphy's law prevailed. No calls, but local weather, AM 1190 promos and lots of country music in and out of KEX. Report sent. New. (PT-WA)

1210 KOKK SD Huron - 3/18 1932 - Fair, with *Dakota Country weather* on KOKK. No WPHT. C&W. (JJR-WI)

1230 KSZL CA Barstow - 3/25 2105 - With call ID thru the hash. (DKK-CA)

1230 KXLR CA Redding - 3/23 0807 - *Bobby Darin* tune *Dream Lover*, legal ID at 0809, then *Patsy Kline* with *I Fall To Pieces*. (AB-CA)

1230 KOTS NM Deming - 3/18 0249 - Noted C&W music on 1230, so I stuck around and was eventually rewarded with two AM 12-30 KOTS IDs, the second of which I caught on tape along with part of a local weather forecast. Did not seem // FM as listed, and a check of their web site ([www.demingradio.com/index.asp](http://www.demingradio.com/index.asp)) confirms this. Network is Ap (was Ae). Schedule is now 24 hours NSP. New, for New Mexico #46. GYDXA record? (TRH-CA) [It shall remain a mystery until you get to the end of the column :- ) - Ed.]

1230 KSBN WA Spokane - 3/23 0843 - BNN item about the World Bank. Good signal until covered by KWG. (AB-CA)

1240 WJMC WI Rice Lake - 3/9 1955 - Fair, with Rice Lake Warriors basketball, ads for a carpet center and a clothing store, and WJMC ID. (MS-MB)

1250 KHIL AZ Wilcox - 3/12 0815 - With C&W music, ID and mentions of Arizona. Rare here. (DKK-CA)

1250 KCNZ IA Cedar Falls - 3/23 0100 - Poor, in local WEMP null, with Jim Bohannon, PSA, ID and CBS News. NEW! (JJR-WI)

1260 KLYC OR McMinnville - 3/29 0733 - Local weather followed by *Carl Perkins* singing *Blue Suede Shoes*. (AB-CA)

1270 WMKT MI Charlevoix - 3/19 0833 - Poor, over WKBF. *Talk Radio WMKT*. (JJR-WI)

1270 CHAT AB Medicine Hat - 3/17 2113-2115 - Ad for *Will Kit*, ID as 12-70 *Chat* and *New Country Chat*. Promo for new web site: 1270CHAT.com, and into country music. (CK-CO)

1270 CKSR BC Chilliwack - 3/16 2100 - *Radio Max* is *CKSR Chilliwack*. Was all alone. New calls for me. (PT-WA)

1290 KUMA OR Pendleton - 3/11 1011 - With ID. Format NOS oldies. Heard also 3/11 2035-2100. ID at 2037 as 1290 *K-U-M-A*. (DKK-CA)

1300 KAPL OR Phoenix - 3/10 2320 - Excellent level at times, chewing away at KKOL, with low-key religious music and conversation, and finally an ID at 0000:30. Among my most wanted. Easy to say they were still on 20 kW, but KCMX-880 was jamming KIXI at the same time. (PT-WA)

1310 CIWW ON Ottawa - 3/19 2020 - Weak with QRM. Heard briefly with ... *here in Ottawa* and sports news. New here. (JTR-OK)



1310 CHLW AB St. Paul - 3/10 2313 - Good with promo, totally wiping out KLIX and KZXR. (PT-WA)

1330 KLBS CA Los Banos - 3/16 0137-0202 - Portuguese ballads, dual ID (with their FM) and sign-off. Alternating with KWKW and its Portuguese religion. Note new weeknight sign-off time. (PT-WA)

1330 KWLO IA Waterloo - 3/17 2256 - Good, over KFH, with nostalgia music and *Stars* 13-30 slogan. (CK-CO)

1340 KEWE CA Oroville - 3/16 1458-1502 - Now with *La Zeta* Spanish programming, ex:NOS. ID on the hour for KHHZ (FM 97.7) and KEWE, *Chico-Oroville in English*. (RT-CA)

1340 KTSN NV Elko - 3/15 2033 - ID after news, into *Mike Reagan* talk show. ID at 2100 and into CNN News. (DKK-CA)

1340 KLOO OR Corvallis - 3/22 0926 - With Clue 13-40 slogan. (AB-CA)

1350 WGAD AL Gadsden - 3/19 2055 - Sports news from Univ of Alabama. New here. (JTR-OK)

1350 KTIK ID Nampa - 3/12 2110-2140+ - Giving semi-local KSRO a bad time with ESPN Sports. During break at 2123-2126 ID as *On Sports Center* 1350 KTIK at 2126. First time noted. Left it at 2140, back at 2150 and signal gone. Probably forgot to cut power at 2100. (DK-CA)

1370 KWRT MO Boonville - 3/18 0800 - Poor, on top, with MoYL and AM/FM ID. (JJR-WI)

1390 WNIO OH Youngstown - 3/19 0703 - Poor, though steady, in WGCI null, with WKBN mention and an ad. WNIO calls noted into NOS. (JJR-WI)

1390 KULP TX El Campo - 3/23 2020-2025 - Live play-by-play of baseball game between El Campo and Bay City by two male announcers, with break for two ads between innings one and two. Poor signal, in strong auroral conditions. First time ever heard; reception reported. (BM-SD)

1420 KTOE MN Mankato - 3/26 0005 - Fair, with sports news, PSA for Medicare and jingle ID. (CR-IL)

1430 KQLL OK Tulsa - 3/24 0707 - with 1-on-1 Sports. Then in to an Oklahoma sports program with a phone number given, mumble, mumble 3-5762. (KR-AZ)

1440 CKJR AB Wetaskiwin - 3/16 0134 - Fair, but alone, with KJR and *Heart of the Country* slogan. (PT-WA)

1450 KVSL AZ Show Low - 3/19 2300 - Very weak, with ID KVSL *Show Low* into network news. First time heard. (NJ-MT)

1450 KFIZ WI Fond du Lac - 3/9 1845 - Briefly atop, with Wisconsin tourism promo and ID. First time heard here, but previously verified. (BM-AZ)

1460 KKPR NE Kearney - 3/14 2000 - ID: *KKPR Kearney* through KLTC & KUTL. (NJ-MT)

1470 KIID CA Sacramento - 3/16 2100 - ID: *AM 1470 KIID Sacramento* by child, Radio Disney programming. Loud, with KEZZ nulled. Ex: KRAK. (NJ-MT)

1490 KRKC CA King City - 3/27 2100-2115 - With local/regional news. In with KTOB/KOWL. (DKK-CA)

1490 KSYC CA Yreka - 3/13 0053 - With ID: *KSYC 1490 and KMJC 620*, through KBLF QRM. (DKK-CA)

1490 WTUP MS Tupelo - 3/22 2022 - Fair, on top of frequency, with many local ads. First logged on 4/8/68, but still nice to hear! (JJR-WI)

1490 KRNR OR Roseburg - 3/10 2305 - Finally, in for the first time this season with post news 1490 *Country KRNR*. Atop the pile, but not for long. Rare; unusual because KQEN-1240 is a pest. (PT-WA)

1490 KBRO WA Bremerton - 3/25 2055 - Call ID heard clearly among many other stations. New here. (JTR-OK)

1510 KIRV CA Fresno - 3/21 1820-1900 - Totally off: no carrier, nuttin', zero, zip. Heard very weakly at 1958. (AB-CA)

1520 KOLM MN Rochester - 3/25 0550 - Fair signal, with NOS/Adult Standards music. On before sunrise with good signal ... IS CP on?? (VALDX-MB)

1540 KXPA WA Bellevue - 3/22 1000 - With ID. Signal very weak and on its way out. Noted at 0957 with music, then ID at 1000 ... *for Seattle KXPA*. Bellevue mentioned a tad later. Then three minutes of national (1-800) ads and another KXPA ID at 1003. Lost to KMPC thereafter. Surprised me, as everything was in English. (DKK-CA)

1550 WEVR WI River Falls - 3/19 0759 - Poor, with AM/FM ID. Possible because of WAUX silence. (JJR-WI)



- 1570 CKMW MB Winkler - 3/12 0049 - Mildly chipping away at CKEG. All I really got was a 325 prefix phone number (same as CKMW's) and C&W music. I was really looking for Ron's final WGSR cast blast, but it was not to be. (PT-WA) [Whatever all that means - Ed.]
- 1590 WNTS IN Beech Grove - 3/19 0619 - Poor, with traffic report, calls. No WAKR. (JJR-WI)
- 1590 KCNN MN East Grand Forks - 3/18 0809 - Poor, but steady, with local news. Not heard in a while. (JJR-WI)
- 1590 KMBD OR Tillamook - 3/13 2023-2115 - Noted along with KLIV/KQLO/KUNX. Had Bruce Williams talk show. Atop 2100-2106 and after several national ads had On AM 1590 KMBD Tillamook. (DKK-CA)
- 1590 KLFE WA Seattle - 3/23 0951 - Ad for GEICO, then call ID and weather for Seattle. Had discussion program somewhat critical of Bush administration ended at 0950. In tight KLIV null. (DKK-CA)
- 1600 WNNY MD Rockville - 3/25 2020 - Spanish music with ID Radio Romantica. Heard briefly during fade-in. New here. (JTR-OK)
- 1600 KDAK ND Carrington - 3/14 2000 - Fair, with ID: This is Dakota Country Radio, KOVC Valley City, KDDR Oakes and KDAK Carrington. One of my closest unheards and my first new one with my recently purchased Quantum loop. (MS-MB)
- 1620 KBLI ID Blackfoot - 3/21 0645 - ESPN promos into ESPN programming. Fair-to-good, under KSMH. (AB-CA)
- 1620 KAZP NE Bellevue - 3/3 2059 - Fair, with bits and pieces of a legal ID: . . . home of the Mavericks . . . KAZP . . . Little splatter from KCJJ, which had a high school basketball game on at the time. (RD-IA)
- 1630 WAWX GA Atlanta - 3/24 2125 - Sports event, IDing as WRDW, then lost in QRM from KCJJ. New here. (JTR-OK)
- 1670 KNRO CA Redding - 3/25 0553 - Poor signal, under WTDY and WRNC, with sports talk programming. New! (VALDX-MB)
- 1680 WTIR FL Winter Garden - 3/5 2030 - Travel info, ads for tourist spots. IDing as TIR, Traveler's Information Radio. In loop null of WJNZ. (JTR-OK)

GRAVEYARD DX UPDATE

1230 kHz:				Miles
KOTS	NM	Deming	Tim Hall	Chula Vista, CA
				545

DDXD-East

You'll find a number of UNIDs this time around that really could have been Loggings with just a little more information. When you submit loggings, ask yourself if you included enough of what you heard. If you heard an ID, don't forget to put it in the logging. I know I harp (or HAARP) on this quite a bit, but I really want you to get more loggings and fewer UNIDs published.

As you might expect, lots of catches this time on 1080, so they're all under their own heading 1080, right under DX AND EQUIPMENT TESTS.

STATION NEWS

- 850 WSPO PA Johnstown - 03/22 0157 - Mixing with WRMR with ESPN Sports stuff, ID "Sports Radio 850, WSPO, Johnstown". Ex-WODZ and oldies. (JF-ON)
- 880 WCBS NY New York City - 03/12 0105 - Off the air, surprisingly, for over two hours. Noted two UNID SS stations; dominated frequency. (LW-NY)
- 960 WTGM MD Salisbury - 03/14 1201 - Noted with new Gospel format. ID as "Rejoice 960, WTGM Salisbury". (DB-DE)
- 1600 WEHH NY Elmira Heights - 03/16 1815 - Good at times over jumble with NOS music, ID "The songs that you want to hear, WEHH". Was on 1590 where it was silent. New. (JF-ON)
- 1630 WTEL GA Augusta - 03/15 1915 - Alone with One on One Sports stuff; frequent IDs "WRDW and WTEL, Augusta". Ex-WAWX; don't think they ever used the WYRU calls that they applied for. (JF-ON)



- 680 AM RADIO UNID, UNID HELP, PRESUMED AND CORRECTIONS
- 590 WLVA VA Lynchburg - 03/05 1948 - In with spot for "The University Bookstore" on the "Hokes Basketball Network". (LW-NY)

- 640 WNNZp MA Westfield - 03/05 0215 - Advertisement for Sangean's CCRadio on "Coast to Coast" Talk. (LW-NY)
- 750 UNID - 03/23 2257-2301 - Classical choir. Song ends; signal disappears (turned off?). No ID. National anthem? (MC-NJ)
- 850 WEEIp MA Boston - 03/16 1849 - Presumed with sports talk and promo for Jim Rome on "Sports Radio 850"; in fight with Cleveland and Johnstown, PA pests. (MKB-ON)
- 1080 WVCGp FL Coral Gables - 02/15 2120-2133 - OLD popular LA music; fair. (DT-JWI)
- 1230 KTJKp TX Del Rio - 02/13 2225-2306 - RAN or Tejano music; poor. All in SS. (DT-JWI)
- 1260 CIHIp NB Fredericton - 02/24 1940 - Spot for "Papa Georgio's" Restaurants, then into "Sure Fire Hits". (LW-NY)
- 1290 WCHKp GA Canton - 01/18 2131-2201 - C&W music under WJNO; poor. (DT-JWI)
- 1300 WQBNp FL Temple Terrace - 02/28 2105-2142 - Popular LA music under WFFG; poor. (DT-JWI)
- 1430 WNAVp MD Annapolis - 03/11 0700 - Sunday morning community interest program, call-in with local politician re: property tax. (DT-CT)
- 1520 UNID - 03/23 0650-0700 - Someone with rural country-Gospel music, heavy on acoustic guitar and banjo and close vocal harmonies somewhat muddy but atop channel until started to give ID and buried by WARR. (RJE-PA)
- 1600 KIVA NM Albuquerque - Reference DX NEWS No.'s 21 and 23: 1600 shown as frequency for UNID and suggested KIVA. All databases show 1580. (SC-IN) [The 21st NRC Log and Lee Freshwater's web site at <http://www.geocities.com/amlogbook/main.htm> both show KIVA as 1600. Both references were from the same reporter. - MS]

DX AND EQUIPMENT TESTS

1080

- 1080 UNID - 03/18 0133-0155 - With WTIC and KRLD off, two SS; weak and alternating on top in big WBAL splash. 0142-0146, one had male talking, other had music and a female announcer. One probably WVCG Coral Gables FL? (MJW-CT)
- + 03/18 0145 - Poor-nil with both WTIC and KRLD off. SS talk, Latino ballads or soft C&W ("Ranchera?") music. (MKB-ON)
- WTIC CT Hartford - 03/18 0100 - Jingle ID, infomercial for GHR-15 growth hormone releaser; at 0130 news followed by sign-off with announcement of radio experiment coordinated with KRLD and the NRC. Good signal but with deep fades under WVCG and Cuba at times. (BC-NH)
- + - 03/18 0140-0230 - Noted off, leaving two SS stations (one all-SS talk; one all-SS music). At first all alone, then buried by KRLD. When WTIC returned at 0230, one of the SS stations was still audible but no sign of KRLD. (MD-NY)
- WVCG FL Coral Gables - 03/18 0200 - Good; religious talk in Spanish, ID in Spanish and English, over R.Cadena Habana-Cuba with WTIC off. (BC-NH)
- + - 03/18 0135-0230 - This was the dominant station here during the WTIC silent period. The programming was Spanish talk including some religious references (hallelujah, etc.). There were one or two other Spanish-language stations on channel at various times, but at the top of the hour—when it mattered—WVCG dominated with local names, addresses, and telephone numbers then an ID first in Spanish then clearly in English as "WVCG, Coral Gables, Florida". I used the Drake R8A at the home QTH with two different antennas—a sloper and a broadband loop. Slop on 1070 and 1090 was less severe on the sloper, so this was the preferred antenna even though its feedpoint and part of its lower end were covered with snow. (MC-MA)
- + - 03/18 0200 - Spanish religious talk, man and woman non-stop from WTIC sign-off until top of hour. Then barely audible EE "WVCG Coral Gables, Florida." (RWK-CT)
- KRLD TX Dallas - 03/18 0204 - Faded up with traffic, weather, help wanted ad, promo





for health info on KRLD.com, and Bruce Williams, briefly over WVCG with WTIC off. (BC-NH)

+ - 03/18 0205 - Fair and reasonably steady during WTIC silent period with end of CBS News, "KRLD Metroplex traffic and weather together", promo for krl.com web site. K.O.ed when WTIC returned at 0230. (MKB-ON)

+ - 03/18 0202-0214 - CBS News, jingle ID, local news/traffic/weather with voice ID, into Bruce Williams show. Weak but steady in WBAL splash and with WTIC off, until 0207, when it seemed to get weaker and SS could be heard beneath. Maybe running non-DA for the first few minutes? New. (MJW-CT)

+ - 03/18 0205 - Faded in during network news, then local spot of some kind with "KRLD" making it above mush. Finally, into Bruce Williams as it continued to fade up in strength. (RWK-CT)

+ - 03/18 0205-0212 - Fair atop channel during WTIC silent period with ad for jobs at TransAmerica Real Estate Services, station promo "Hi everybody this is Tom Whitbone, the host of Healthy Living with Dr. Ken Cooper heard Saturdays here on KRLD". Local ads including The Varicose Vein Clinic of Texas; into the Bruce Williams Show at 0207. Fade under presumed WVCG in SS at 0212. Thank you, WTIC! (MD-MA)

+ - 03/18 0205 - First time heard, with WTIC off, local traffic report after network news; ID. (DB-DE)

+ - 03/18 0204-0212 - WTIC Hartford left air at 0137; frequency was a mess until 0204. Thought I heard Spanish with faint music below it. KRLD showed up with news ("youth killed in car accident"), weather ("temperature 42 degrees"), ad for transamerica.com and Bruce Williams Show. Its signal was fair. WTIC returned at 0229 with news; its signal was bad before and after test. (MC-NJ)

+ - 03/18 0205-0215 - Ad for job opening for TransAmerica Real Estate Tax Service, Cooper Varicose Vein Clinic of Texas, then Bruce Williams. Varied from "almost local-like" (probably on their ND pattern) to almost buried by two SS stations when they went back to their Nighttime pattern. Not new; I sometimes hear KRLD late at night behind WTIC. (MD-NY)

1280 WFBS PA Berwick - 02/17 0000-0200 - A few minutes of code; very weak at 0123-0130; interference from WCMN. (DT-JWI)

1660 WMIB FL Marco Island - 03/25 0200 - Assortment of oldies buried under co-dominant pests WWRU and WQSN. Caught ID at 0235: "WMIB AM 1660 testing". (MKB-ON)

#### STATION LOGGINGS

610 CKTB ON Saint Catharines - 03/17 2000 - Ad for leasing Acura, ad for another local dealership ("Claire's?"), then violent-voiced male recorded promo "The Dominator Show-You've got the Sabres on 6-10 CKTB". Back for conclusion of game. (RWK-CT)

630 CFCO ON Chatham - 03/18 0036-0041 - Ad mentioning Chatham, voice ID; oldies. Fair with fading, but way over usual WPRO. New. (MJW-CT2)

640 WOI IA Ames - 03/13 2033 - Good; Iowa State University news station. Broadcast of a speech by former Senator George McGovern claiming he could eliminate world hunger in five years. Call letters mentioned after speech. (SC-IN)

780 CFDR NS Dartmouth - 03/16 0000 - In WBBM null with C&W; "Your Superstore for classic country", then Top of Hour ID. (RWK-CT)

810 WHB MO Kansas City - 03/18 0209 - Noted in WGY null with ESPN sports talk, ad for Privera (?) Sports Club with phone number 913-402-4444, promo for ESPN Radio baseball coverage, promo "America's largest all-sports radio station—WHB". "Sports Radio 810, WHB" ID. First time heard here; still on day power? (DB-DE)

820 WXTR MD Frederick - 03/12 0029 - News/Weather/Traffic report; running programming // WTOP 1500 at this time. Mixing with WNYC. (LW-NY)

830 WTRU NC Kernersville - 03/24 2345 - Poor mixing with Cuba and St. Kitts with GOS music; call letters mentioned. Ex-WXII for me. (JF-ON)

870 WHCU NY Ithaca - 03/02 1807 - Talk program followed by area weather forecast. (LW-NY)

920 WGHQ NY Kingston - 03/13 0700 - Muffled audio compared to WHJJ. WGHQ ID by woman, then local news and spots. Several mentions of WGHQ by man during spots. (RWK-CT)

970 WBGG PA Pittsburgh - 03/22 2319 - Poor with NHL scores; ID "Sports radio 970, 'The Burgh', WBGG". Ex-WTKN, WWSW for me. (JF-ON)

1090 KAAV AR Little Rock - 03/19 1850-1900 - REL talk, then "KAAV" at 1900. Occasionally heard under WBAL before their pattern change. (MD-NY)

1140 CHRAB AB High River - 03/18 0050-0128 - With WRVA on open carrier only, had occasional bits of music showing up. At 0119 after a song heard "Southern Alberta's family radio station, AM 1140", a station promo/PSA with phone number "652-\_\_\_\_" into another song. At 0128 "...community radio station for Service (?) and all of southern Alberta, thanks for listening"; ID. Presume WRVA having technical problems, as at 0100 they went into ABC news until 0104, then open carrier again. Same at 0200, but after the news they had "Coast to Coast". CHRAB was the only thing heard on the frequency during open carrier; odd for them to make it here when you look at their pattern. (DB-DE)

1170 WCTF CT Vernon - 03/24 0628 - Instrumental hymns in WWVA null. "Family Radio" slogan, then "Christ-centered scripture...Family Radio 1170, WCTF, Vernon". First time heard. (DB-DE)

1200 WTLA NY North Syracuse - 03/17 2100 - Instrumentals bordering on Muzak™, then "AM-1200, WTLA in North Syracuse and AM 1440, WSGO Oswego"; then some sort of network news, but too buried by WL1B-1190 slop to make it out. Mixing with someone with ESPN (RWK-CT)

WINK FL Pine Island Center - 03/04 2050-2100 - Business call-in talk show; ID as "WINK, \_\_\_\_". Poor; interference from two UNID SS stations. (DT-JWI)

1240 WGRM MS Greenwood - 03/01 2302-2327 - GOS; partial ID as "...WGRM..."; UNID interference; poor. (DT-JWI)

1260 WWJQ MI Zeeland - 03/16 0800 - Top of Hour ID: "Western Michigan's alternative talk radio, 1260 WWJQ AM, Zeeland-Grand Rapids", into SRN news. (MKB-ON)

1270 WLBR PA Lebanon - 03/18 1828 - Weak; end of song by The Hughes [Hues - MS] Corporation "[Don't] Rock The Boat". EE live announcer with AccuWeather forecast "Mostly sunny and chilly this afternoon, high 48 and low 28 at WLBR". Then beginning of next announcer show with Louis Torres with all SS talk and music. (SC-IN)

1280 WFAU ME Gardiner - 03/12 2351 - NOS music, Louis Armstrong tune. Fair under WADO with "AM 1280 WFAU" IDs. New here. (LW-NY)

1310 CIWW ON Ottawa - 03/19 2130 - Fair with OLD (Supremes, Monkees, Presley) music; Oldies 1310 ID as per Log. New, believe it or not. (MB-IN)

+ - 03/12 - Many "Oldies 13-10" IDs and jingles between songs; mentioned Ottawa in a win a jukebox contest announcement. (DT-CT)

WICH CT Norwich - 03/02 1824 - Weather report for area and Community Bulletin Board for Eastern Connecticut. (LW-NY)

1320 CKEC NS New Glasgow - 03/10 2348-0005 - Pretty good with some decent peaks. Rock music (Glen Frye [Frey - MS], Hootie & The Blowfish). Broadcast News report and local weather at 0000 with "1320, CKEC, New Glasgow" ID prior to the news. Log has them listed as C&W, but no C&W noted here. (MB-NJ)

WILS MI Lansing - 03/10 1935 - Fair with NOS (Jones Clark) music, local weather forecast; calls. New. (MB-IN)

1330 WJSS MD Havre de Grace - 03/09 0653 - "You're listening to WJSS, 13-30AM, your multicultural..." (faded). English ID into Spanish religious program. (DT-CT)

WSPQ NY Springville - 03/22 2000 - Alone with ESPN Sports stuff (thought I had usual Erie); ID "Your station for morning weather, music, news, and ESPN sports, WSPQ, Springville". New and logging #3200! (JF-ON)

1340 WMSA NY Massena - 03/12 2157 - "Forecast from WMSR, sleet ...", followed by "Solid Gold Soul" program. (DT-CT)

WIRY NY Plattsburgh - 03/12 2200 - ID at top of hour; CNN news. (DT-CT)

WYCB DC Washington - 02/25 1905 - In with brief station ID, then into REL sermon. Fair in 1340 QRM. (LW-NY)

1370 WSPD OH Toledo - 03/11 2300-2304 - Poor and brief amid the mess with pieces of news

**15 wk xo**  
PILOT BROADCASTING CO.

- and weather reports by a female anchor. Mention of University of Toledo Lady Rockets basketball team and "Newsradio 1370, WSPD" ID. **(MB-NJ)**
- 1390 WLTC NC Gastonia** – 02/24 2238-2245 – REL-type orchestra music; ID as "WLTC 1370 and 1490". Poor under WCOA. **(DT-JWI)**
- 1410 WDCW NY Syracuse** – 03/12 2227 – Contemporary Christian music, ID; "Your family Christian station". **(DT-CT)**
- 1410 WELM NY Elmira** – 03/16 1800 – Over CKSL with talk on NCAA tourney, into Top of Hour ID: "Imus in the Morning, One on One Sports all day, WELM Elmira-Corning". **(MKB-ON)**
- WHTG NJ Eatontown** – 03/17 1233 – Picked up station when local station 1430 WNSW lost its signal for about ten minutes during its Adrian Flannelly St. Patrick's Day program! "[You Are My] Special Angel" was followed by an ID; "Remember this one—Great Gold 1410"; "La Bamba" and "Scarborough Fair" followed. **(MC-NJ)**
- 1420 WACK NY Newark** – 03/16 1811 – Over CHKT slop with ad for City Mattress in Canandaigua, "Stormwatch" detailed local weather for Finger Lakes; public service reminder about new student registration at Finger Lakes Catholic schools. **(MKB-ON)**
- 1430 WPNI MA Amherst** – 03/11 0800 – NPR format with "Morning Edition" program, full ID at top of hour. **(DT-CT)**
- 1440 WAJR WV Morgantown** – 02/28 1748 – CNBC Stock Report, then area weather forecast "...on West Virginia's Mountaineers Network". **(LW-NY)**
- WPRD FL Winter Haven** – 02/23 2144-2150 – Chinese program in English; Orlando mentioned. Talk and music; poor. **(DT-JWI)**
- 1480 WCNS PA Latrobe** – 03/19 1905 – Poor under nulled WHBC with "Different Drum" by The Stone Ponies; "Solid gold rock and roll, WCNS" jingle into Ricky Nelson's "Travelin' Man". **(MKB-ON)**
- 1510 WLAC TN Nashville** – 03/16 2301-2334 – Doing battle with nulled WNRB, with Dr. Laura, network and local ads, and the canned station ID "When news breaks, Newsradio 1510, WLAC, Nashville" at 2334. **(MB-NJ)**
- WWZN MA Boston** – 03/20 0650 – Atop channel with sports talk and "You're listening to Boston Sportsradio 1510, The Zone". Per NERW the WWZN call is on the air, although I didn't hear it given. Unneeded anyway. **(RJE-PA)**
- WRNJ NJ Hackettstown** – 03/22 2010 – Poor under WLAC with oldies; ID "Your oldies station WRNJ". New on this frequency; heard and QSLed years ago on 1000. **(JF-ON)**
- 1520 WMLM MI St. Louis** – 03/23 1956-2007 – Good at times over/under WWKB with "Real Country" C&W music, ABC News, "Big M WMLM Satellite Weather". Much wanted on this frequency, last heard in 1981 when on 1540! **(JF-ON)**
- WARR NC Warrenton** – 03/23 0700 – Suddenly atop channel with what almost sounded like a sign-on, with full ID over my prior UNID and no sign of WWKB. Maybe their change from CH to Day power? **(RJE-PA)**
- 1530 WJJG IL Elmhurst** – 03/18 1903 – Poor in WSAI phase null with "WJJG, Elmhurst" jingle into music. Couldn't tell if C&W or NOS as both were present in the jumble. Definitely music though and not talk as per NRC Log. On a little late; should go off at WSAI sunset. Ex-WKDC for me. **(JF-ON)**
- 1540 KXEL IA Waterloo** – 03/16 2344-0000 – Pretty strong with phased pest WPTR out of the way, with the end of the Brother R.G. Stare (sp.?) [Stair – MS] program. Frequent mentions of "KXEL, 1540." Full ID at 0000, "The power source, 1540 KXEL Waterloo-Cedar Rapids, Iowa". **(MB-NJ)**
- 1570 WFLR NY Dundee** – 03/05 1905 – Poor; Finger Lakes Southern Tier weather forecast briefly over WNST. **(BC-NH)**
- WPGM PA Danville** – 03/05 2000 – Poor; "You're listening to WPGM...96.7 FM, WPGM..." heard through WISP. **(BC-NH)**
- WYTI VA Rocky Mount** – 03/05 1830 – Fair; ad for jewelers in downtown Rocky Mount, then ID "WYTI Rocky Mount" and C&W music. **(BC-NH)**
- 1620 WHLY IN South Bend** – 03/07 0206 – NOS music, frequent IDs; formerly WJVA. **(LW-NY)**
- WTAW TX College Station** – 03/07 0400 – CBS News on the hour; mention of Gordon Liddy Show, weekdays, "...on Coast to Coast Talk". "News/Talk 1620 WTAW". New; TX #5 heard. **(LW-NY)**

- 1650 KWHN AR Fort Smith** – 02/26 0032 – Talk program and weather forecast, mixing with WHKT. New; AR #2 heard. KAAV heard way back in 70s. **(LW-NY)**
- 1660 WQSN MI Kalamazoo** – 03/04 0050 – In with ID "1660 WQSN, The Sports Station". Under WWRU. **(LW-NY)**
- 1670 WRNC GA Warner Robbins** – 03/05 0206 – "Cat Country 1670"; "The New WRNC" IDs. **(LW-NY)**
- 1700 WEUP AL Huntsville** – 03/18 1751-1754 – Fair over JFK Airport HAR with soul music and IDs including "From Mahalia Jackson to Curtis Mayfield...WEUP". Heard on car radio at Manchester, NH Airport. **(MD-MA2)**

## FROM THE INTERNET

- 1020 WRHB FL Kendall** – The Miami area's newest AM is now on the air and testing. Ran into it today while scanning around the dial for nothing in particular. Programming thus far consists of a short loop with an instrumental music bed and a "This is WRHB 1020 Kendall, Miami Fort Lauderdale, testing" announcement in both English and Haitian/Creole. Power at this stage seems much less than authorized, as it doesn't come in that strong where I'm at in Hialeah. I'm not much more than 20-30 minutes from the transmitter site. I believe they are authorized in the area of 9kW daytime not sure what they have for night power. Once it's on the air, this will be Miami's (and possibly the country's) first non-brokered all Haitian-Creole formatted station...WLQY/1320 here in Miami already has a full schedule of Haitian programs, but it runs on a time brokerage setup, where each host pays for his airtime individually. **(TS-FL)**



P.O. BOX 3822 MANCHESTER NH 03105 - PHONE 603-425-7988 (BOSTON OFFICE) 617-868-7400

## ADDRESS UPDATES

- 1620 KAZP NE Bellevue** – QSL shows address as 5011 Capitol Avenue, Omaha, NE 68132. Telephone 402-342-2000. This would also apply to 1290 KKAR and 1180 KOIL. **(DT-JWI)**

## REPORTERS

- MB-NJ** Mike Battaglino Chatham – Drake R8B, 200' backyard fence wire, Quantum QX loop and phaser.
- DB-DE** Dave Braun Wyoming – Kenwood R-5000; Quantum Loop.
- MKB-ON** Mike Brooker Toronto – Panasonic RF-2200; RFB-45.
- MB-IN** Mark Burns Terre Haute – Drake R8, Kiwa loop; 80' random wire.
- SC-IN** Steve Chappell McCordsville – Bearcat DX 1000; 3 terminated loops.
- MC-NJ** Mike Clancy Jersey City – Optimus 12-603A.
- MC-MA** Mark Connelly Billerica – Drake R8A, sloper and broadband loop.
- BC-NH** Bruce Conti Nashua – Drake R8B, MWDX-5, 100-ft wire; 100-ft East sloping wire.
- MD-MA** Marc DeLorenzo Auburndale – JRC NRD-525, Quantum Loop.
- MD-MA2** Marc DeLorenzo Auburndale – 1991 Nissan Maxima car radio.
- MD-NY** Michael Diers Huntington Station – Watkins-Johnson HF-1000, unamplified DL-2 phasing unit connected to Kiwa Loop; 66-ft. NW-SE wire.
- RJE-PA** Russ Edmunds Blue Bell – Car radio & whip.
- JF-ON** Jeff Falconer Clinton – Drake R8B, pair of 135' noise-reduced/terminated wires (one pointed east and one pointed west), modified MFJ-1026 phasing box; Timewave DSP-599zx audio filter.
- RK-CT** Rick Kenneally Wilton – Sony 2010, SM-2; new Quantum QX loop.
- TS-FL** Tony Simon Miami – Station news.
- DT-JWI** Don Trelford St. Ann's Bay – Kenwood R-2000; longwire NS-EW.
- DT-CT** Dave Twiggs Bristol – Yaesu FRG-7; Terk Loop.
- MJW-CT** Marty Waters Wallingford – SONY CFM-10, as SRIII is broken.
- MJW-CT2** Marty Waters Wallingford – 1950s Normende Elektra.
- LW-NY** Leslie Wood East Meadow – SONY ICF-2010; Radio Shack loop.

# International DX Digest

**Jim Renfrew** renfrew@localnet.com  
6988 Bank Street Rd.  
Byron NY 14422-9702

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

Well I was in Rochester at my old house on the night of the WTIC/KRLD Silent "Test", with only a loop antenna. I sure would have liked to be at my antenna farm in Byron. When WTIC went off there was virtually nothing, except for some weak muffled Latin music, which was probably Cuba. Others heard more interesting things, see below!

For the first time in months I heard virtually no LW TA's tonight. Well, let's switch to the SSW antenna and see what's happening. Voila! Excellent conditions to the south tonight, MAR 21, for the first time in many months. Latin American stations are piling up on many frequencies.

Buried in the reports below is my bid to join the Monday Night Football announcer crew. But don't worry, I'll be keeping the day job!

I believe Rick Kenneally and David Hochhelder are new to IDXD, with some good auroral receptions to report. Rick lives next to New Canaan, the town where I started DX'ing around 1966. Thanks, Rick and others, who courteously submit their reports in the preferred format; you save me a lot of time. Wow, a big column because DX continues even though DX News is less frequent.

Today I received a QSL from Germany's DLF for a program I heard on 153 and 207 kHz. I always enjoy these two-for-the-price-of-one verifications!

## TRANS-ATLANTIC DX

- 153p ALGERIA Radif. Sonore, MAR 2 2257 - man in AA with AA vocal music. Poor. [Frodge-MI]  
162p FRANCE France Inter, MAR 2 2232-2245+ - man and woman in FF discussion, FF rap music, good. MAR 3 0509 - woman in FF with Afro-beat music. Fair [Frodge-MI]  
171p MOROCCO Radio Meriterranee/Radio Medi-Un, MAR 2 2259, 2334-2342 - man and woman in AA with lite vocal AA music, fair // 9575. SIO=543+. [Frodge-MI]  
171 UKRAINE NRKU Lviv, MAR 25 0230 - Poor signals under beacons with man doing news? In Ukrainian. NEW Station and NEW country!! [Axelrod-MB]  
183 GERMANY Europe 1, MAR 2 2309-2314+ - two men in FF with many mentions of "le monde" & "mundial". Fair [Frodge-MI]  
198 UNITED KINGDOM BBC, MAR 2 2305, MAR 3 0002-0007+ - man and woman in EE discussing "research". After top of the hour news with correspondent reports. News was not / 6175, fair. [Frodge-MI]  
207 ICELAND RTBS Eidar, MAR 25 0240 - Poor signals in beacon mess with programming // to 189. NEW Station! [Axelrod-MB]  
252 IRELAND Atlantic 252, MAR 2 2318-2326+ - male DJ in EE with ID & variety music, pop, reggae & thumpity-thump techno; fair. [Frodge-MI]  
567 IRELAND RTE R.1, Tullamore, MAR 17 2350 - woman in English, then Irish fiddling; fair. It was good to hear this on St Pat's Day. [Connelly\*E-MA]  
585 SPAIN RNE R.1, Madrid, MAR 11 0146 - presumed with man and woman in SS. 684 never came up to check the // . Poor. Faded to zilch @0200. EZL music heard later but also faded to zilch @0300 & 0400...of course. [Frodge-ON] MAR 17 2348 - // 855 with Spanish talk; good. [Connelly\*E-MA]  
603 FRANCE France Bleu, Lyon, MAR 17 2346 - // 1206 with "Get Up, Stand Up" by Bob Marley; barely over Spain / Madeira jumble. [Connelly\*E-MA]  
612 MOROCCO RTM, Sebba-Aioun, MAR 17 2345 - Arabic female vocal; good. [Connelly\*E-MA]  
621 CANARY ISLANDS // SPAIN RNE R.1 synchros, Santa Cruz de Tenerife et al., MAR 17 2344 - Spanish talk; poor. [Connelly\*E-MA]  
639 SPAIN RNE R.1, La Coruna, MAR 17 2343 - // 855 with talkshow; lower sideband used to dodge QRM from CBN. [Connelly\*E-MA]  
657 SPAIN RNE R5 Madrid MAR 1 2237 - Male and female, news? [Stromsted-MA] MAR 17 2342 - // 1107 with female vocal; fair. [Connelly\*E-MA]  
675 HOLLAND Lopik, MAR 11 0140 - Dutch announcer- American ballad, poor signal/splatter. [Stromsted-MA]



- 684 SPAIN RNE R.1, Sevilla, MAR 11 0102 - woman and man, news with correspondent sports, ID @0105 as "Radio Nacional Espana". All in SS. I think this might be the 1st ever positive ID I've heard on a TA MW; fair. [Frodge-ON] MAR 17 2340 - fast Spanish talk / teletalk; good, over slight WRKO splatter. [Connelly\*E-MA]  
693 UNITED KINGDOM BBC R. 5, Droitwich et al., MAR 17 2339 - woman mentioned "technical forces"; poor: lower sideband needed to separate this from stronger Azores-693.65. [Connelly\*E-MA]  
693.65 AZORES Centro Regional da RDP, Terceira, MAR 17 2338 - mellow female vocal in the style of Barbra Streisand; to fair peak. [Connelly\*E-MA]  
711 FRANCE R. Bleu, Rennes Feb 28 0510 - FF male & female in discussion, then a French chanson with vocal, good signal // 864-Paris // 945 // 1206-Bordeaux // 1377 (all good). [Stromsted-MA] MAR 17 2337 - // 1206 with '40s style female group vocal (like Andrews Sisters), the a French disco song; to good peak over 50 Hz growl from Western Sahara on 711.05. [Connelly\*E-MA]  
729 SPAIN RNE R.1 synchros, MAR 17 2336 - // 738 with Spanish discussion program and telephone interview; poor to fair. [Connelly\*E-MA]  
738 SPAIN RNE R.1 Barcelona MAR 11 0140 - Talk Radio/ Male SS host, loud signal. [Stromsted-MA] MAR 17 2336 - // 729 with Spanish talkshow / interview; fair, over CHCM slop. [Connelly\*E-MA]  
747 HOLLAND Flevoland With recent allocation swaps-uncertain of network). JAN 27 0110 - Male host and male call-in-loud S9+30. MAR 11 0140 - Call in/talk radio, loud signal. MAR 2 0231 - Loud signal-American ballads then Western tune "I have 5 kids, I did my time-best I could" Guitar with vocal. 0212 - Bruce Springstein, loud signal. [Stromsted-MA]  
756 GERMANY DR Ravensburg & Braunschweig FEB 27- Piano symphony- loud signal. MAR 14 0319 Classical music(Beethoven?), loud. MAR 15 0339 - piano piece /mixed with Spain over/under. [Stromsted-MA] MAR 17 2334 - classical piano music; slightly behind Spain. [Connelly\*E-MA]  
756 SPAIN R. Euskadi, Bilbao, MAR 17 2334 - woman in Spanish; slightly over Germany. [Connelly\*E-MA]  
765 SWITZERLAND SBC/RSR, Sottens, MAR 13 0128 - slow-paced American tune followed by Female FF vocal/ballad strong signal S9+30 with WABC splatter. MAR 14 0008 - Rock music -loud S9+35. [Stromsted-MA]  
765 SWITZERLAND RSR, Sottens, MAR 17 2333 - French female vocal version of the 1966 ecology folk-rock hit "Tar and Cement"; fair to good. [Connelly\*E-MA]  
774 SPAIN RNE R.1 synchros, MAR 17 2332 - Spanish telephone interview; over others. [Connelly\*E-MA] MAR 1 2238 - Two Male SS in discussion - fair signal. [Stromsted-MA]  
774 EGYPT Abis, MAR 17 2347 - woman in Arabic, then pop-style Arabic music; blasting over Spain. [Connelly\*E-MA]  
783 SYRIA Syrian Arab Republic BC, Tartus FEB 27 - Good signal, solo high pitched male singer/ no music briefly, then faded away. [Stromsted-MA]  
783 MAURITANIA ORTM, Nouakchott, MAR 17 2331 - // 4845 with interludes of music and some Arabic talk by man & woman; to good peak. [Connelly\*E-MA]  
792 FRANCE R. Bleu, Limoges, MAR 17 2329 - // 1206 with emotional French male vocal; way over Spain. [Connelly\*E-MA]  
837 CANARY ISLANDS // SPAIN COPE synchros, MAR 17 2328 - fast Spanish teletalk; dominant. [Connelly\*E-MA]  
846 ITALY RAI Radio Due, Roma JAN 27 0027 - Italian men in a conversation. Poor signal. 0100 Italian pop music into time pips. then male and female hosts with news/musical bumpers, good signal S9+35. MAR 13 0126 - Male announcer into Italian music with female vocal, fair signal. MAR 14 0321- Male caller, female talk host, then music, good signal. [Stromsted-MA]  
855 SPAIN RNE R.1, Murcia et al., MAR 17 2328 - Spanish discussion mentioned "liga" and several European countries, so likely sport-related. Excellent signal. [Connelly\*E-MA]  
864 FRANCE R. Bleu, Paris, MAR 15 0337 - popular music // 838, poor/good signals. [Stromsted-MA] MAR 17 2327 - French vocal // other Bleu outlets; over two other stations (probably Egypt/Spain). [Connelly\*E-MA]  
864 EGYPT Egyptian Radio, Santah MAR 15 0121 - Arabic religious music/Koranic reading, solo, male, good signal. [Stromsted-MA]  
873 SPAIN SER synchros, MAR 17 2328 - Spanish teletalk; good. [Connelly\*E-MA]  
882 CANARY ISLANDS // SPAIN COPE synchros, MAR 17 2325 - Span-

- ish talk; in even mix with UK. [Connelly\*E-MA]  
 882 UNITED KINGDOM BBC R. Wales, Washford, MAR 17 2325 - English talk; mixed with Canaries-Spain COPE. [Connelly\*E-MA]  
 891 ALGERIA Alger ch 1, JAN 11 0105 -Female Arabic announcer into Arabic music/ big signal! [Stromsted-MA] MAR 17 2324 - fast Arabic music with flutes, strings, & vocal; fair to good with WBPS phased. [Connelly\*E-MA]  
 936 SPAIN RNE R.5 synchros, MAR 17 2239 - Spanish talk; in pile-up. [Connelly\*E-MA]  
 945 FRANCE France Bleu, Toulouse, MAR 17 2240 - // 1206 with old-fashioned French male vocal; good. MAR 17 2317 - blasting in with "On the Radio" by Donna Summer. [Connelly\*E-MA]  
 954 SPAIN R. España, Madrid MAR 17 0156 - Good signals, mixture of Spanish and unknown Arabic station. [Stromsted-MA] MAR 17 2238 - several Spanish men & women in a studio discussion; good though occasionally sideswiped by WROL-950 & CHNS-960 slop. [Connelly\*E-MA]  
 972 LIBYA Libyan Jamahiriya BC, Sirte, MAR 17 2236 - bits of female Arabic vocal; slammed by CBZ/WYNZ slop. [Connelly\*E-MA]  
 981 ALGERIA Radiodif. Algerienne, Algiers, MAR 17 2235 - low modulation flute music on monster carrier; over several others. MAR 17 2316 - Arabic vocal & strings; loud, local-like. [Connelly\*E-MA]  
 981 unID 3 stations, MAR 17 2235 - two talkers and a station playing "Broken Wing" by Mister Mister; this melange was under the dominant Algerian. Greece & Portugal have been logged here before. [Connelly\*E-MA]  
 999 SPAIN COPE, Madrid, MAR 17 2234 - excited Spanish talk by man over a background of drum music; loud despite strong adjacent CKBW. [Connelly\*E-MA]  
 1008 CANARY ISLANDS Onda Cero, Las Palmas, MAR 17 2314 - non-SER Spanish talk by man & woman. [Connelly\*E-MA]  
 1017 SPAIN RNE R.5 synchros, MAR 17 2233 - man & woman in Spanish; good. [Connelly\*E-MA]  
 1026 SPAIN SER synchros, MAR 17 2233 - // 1044 with fast Spanish talk mentioning the "alcalde" (mayor); fair. [Connelly\*E-MA]  
 1035 PORTUGAL Radio Comercial, Lisboa, MAR 16 0357 - local music with female, very high pitched vocal, poor/fair. [Stromsted-MA] (I think this one ID's in the way Mark reports next - Jim)  
 1035 PORTUGAL Radio Nacional, Porto Alto-Lisboa, MAR 17 2232 - pop vocal, man in Portuguese; poor. [Connelly\*E-MA]  
 1044 MOROCCO Sebaa-Aioun, MAR 17 2231 - rustic Arabic music; now bombing in over Spain. [Connelly\*E-MA]  
 1044 SPAIN SER synchros, MAR 17 2230 - Spanish news; mostly under Morocco. Bits of a third station (Germany ?) also present. [Connelly\*E-MA]  
 1053 MOROCCO Tanger, MAR 17 2228 - Arabic male talk; strong & dominant. A 1 kHz test tone was noted under. [Connelly\*E-MA]  
 1062 DENMAR K R. Denmark, Kalundborg, MAR 16 0407 - Strong unmodulated carrier with Arabic way under (Turkey?). [Stromsted-MA] MAR 18 0545 - Good; urban contemporary music including Christina Aguilera "What a Girl Wants," het wiping out KYW 1060. [Conti-NH]  
 1089 ENGLAND TalkSport synchros MAR 15 0020 - "The UK and maybe Europe have been victims of hoof and mouth disease", good signal, louder than adjacent domestics. 2357 "...value of the Union of Peace officers (Policemen), I want more peace officers on the streets ..everybody unknown should be stopped twice a day" (Host commentary, sounds like the Gestapo), then advertisement "available from selected petrol stores...". [Stromsted-MA] Talk Sport synchros MAR 18 0505 - Fair; headlines and scores, "1089 and 1053, this is Talk Sport" and talk at phone number 700-40-50-60, interference from WBAL 1090. [Conti-NH]  
 1089 UNITED KINGDOM Talk Sport synchros, MAR 17 2311 - talk about St. Patrick being English. [Connelly\*E-MA]  
 1098 SLOVAKIA R. Slovensko, Velke Zaluzie MAR 15 0117 - Modern Western ballad, no announcements, into next song, loud. This station is heard here almost daily. [Stromsted-MA] MAR 25 0158 - Poor to fair signals with Simon and Garfunkel and other American music. NEW Station and NEW country! [Axelrod-MB]  
 1107 SPAIN RNE R.5 synchros, MAR 17 2226 - echoey Spanish news



- with interview; over other. [Connelly\*E-MA]  
 1107 unID MAR 17 2226 - English talk fragments under Spain; not distinct enough to determine if UK Talk Sport station or AFN Germany. [Connelly\*E-MA]  
 1116 SPAIN SER synchros, MAR 17 2225 - fast Spanish newstalk; fair to good. [Connelly\*E-MA]  
 1125 SPAIN RNE R.5 synchros, MAR 17 2225 - Spanish talk; in jumble. [Connelly\*E-MA]  
 1134 CROATIA Hrvatsky Radio, Zadar MAR 15 0025 - Croatian folk song/mixed chorus followed by American romantic song/male singer, loud. [Stromsted-MA]  
 1134 CROATIA Hrvatski R., Zadar, MAR 17 2224 - Slavic talk; over/under Spain. MAR 17 2308 - Slavic language news by man & woman; loud! [Connelly\*E-MA]  
 1134 SPAIN COPE synchros, MAR 17 2224 - Spanish talk; mixed with Croatia. [Connelly\*E-MA]  
 1152 SPAIN RNE R.5 synchros, MAR 17 2223 - woman in Spanish; mixed with likely Romania; slight CHGM slop; WAMG phased. [Connelly\*E-MA]  
 1179 SWEDEN R. Sweden, Solvesborg, MAR 17 2222 - Swedish talk by man; good with local pest WFPB-1170 phased. [Connelly\*E-MA]  
 1188 HUNGARY (t) VOA/RFE Relay, MAR cali, MAR 17 2221 - middle-of-the-road Slavic-sounding female vocal; to fair peak. [Connelly\*E-MA]  
 1197 SPAIN Euskadi Irratia, Vitoria, MAR 17 2220 - Spanish teletalk; fair. [Connelly\*E-MA]  
 1206 FRANCE France Bleu, Bordeaux, MAR 17 2217 - huge with emotional French male vocal. MAR 17 2320 - // 945 with "On the Radio" by Donna Summer, almost pinning the S-meter! [Connelly\*E-MA]  
 1214.9 ALBANIA MAR 17 2213 - Middle Eastern sounding music; briefly dominant over the 1215.0 stations. [Connelly\*E-MA]  
 1215 SPAIN COPE synchros, MAR 17 2215 - Spanish teletalk: announcer to phone in "Buenas noches."; loud, well over UK & growl from Albania. [Connelly\*E-MA]  
 1215 UNITED KINGDOM Virgin R. synchros, MAR 17 2214 - alternative rock vocal; momentarily atop channel before Spain took over. [Connelly\*E-MA]  
 1251 LIBYA Libyan Jamahiriya Broadcasting, Tripoli, MAR 17 2212 - string music, then Arabic talk by man, then flutes. Compressed, somewhat distorted audio on potent carrier. [Connelly\*E-MA]  
 1287 CZECH REPUBLIC Cesky Rozhlas synchros, MAR 17 2211 - Slavic talk by woman; fair. [Connelly\*E-MA]  
 1296 SPAIN COPE, Valencia, MAR 17 2210 - Spanish talk; slightly over two others (UK/Sudan ?). [Connelly\*E-MA]  
 1305 SPAIN RNE R. 5 synchros, MAR 17 2209 - Spanish news with synchro echo and growl. [Connelly\*E-MA]  
 1314 NORWAY NRK, Kvitsoy, MAR 17 2208 - cover version of 1988 Guns 'N Roses hit "Sweet Child O' Mine"; a bit over Spain and slop from CKEC. [Connelly\*E-MA] MAR 25 0101 - Good signals with man doing the news. [Axelrod-MB]  
 1332 ITALY Rome, MAR 27 0413 - Fair. RAI-Uno, man in Italian. // 1575. [Dangerfield-PA]  
 1341 NORTHERN IRELAND BBC R. Ulster, Lisnagarvey, MAR 17 2207 - English talk, mixed with apparent Spanish station & CJLS slop. [Connelly\*E-MA]  
 1368 ITALY RAI-Tre synch., MAR 27 0424 - Fair with classical music. [Dangerfield-PA]  
 1377 FRANCE France Bleu, Lille, MAR 17 2243 - // 1206 with '80s style female pop vocal; good. [Connelly\*E-MA] MAR 25 0127 - Poor to fair signals with Light easy instrumental music and French talk by woman. New station! [Axelrod-MB]  
 1386 RUSSIA/KALININGRAD LBH Radio (presumed), Bolshakovo, MAR 16 2312 - English announcer playing American light rock, <1 kHz het under. [Stromsted-MA] LBH Radio, Bolshakovo, MAR 17 2205 - British-accented DJ gave phone numbers, then played dance-club music. To good peak with WPLM phased. [Connelly\*E-MA]  
 1422 GERMANY DeutschlandRadio, Heusweiler, MAR 17 2203 - news by man in German; fair to good, over others. [Connelly\*E-MA]  
 1467 FRANCE RMC/TWR Romoules, MAR 16 2314 - English beam "Thank you so much for being with us. We hope to see you again...until then. TW Radio." PO Box # address in the UK given, then. "Have a very good night" TW chime cut off and off air after first note (What's the hurry?), good signal. [Stromsted-MA]  
 1467 FRANCE TWR, Roumoules, MAR 17 2150 - man & woman in Arabic; excellent. [Connelly\*E-MA]  
 1512 BELGIUM R. Nederland Wolvertem FEB 27 0604 - Relay of R. Nederland in Dutch, big signal S9+40. MAR 16 2317



- English beam, political interview by female EE commentator with unknown African speaker " They have decided not to have the election, so how are people reacting to the situation? Answer: "The Govt. has hijacked the votes.....". Good signal-[Stromsted-MA] R. Netherlands, Wolvertem, MAR 17 2152 - English talk; in WWZN (ex-WNRB) slop. [Connelly\*E-MA]
- 1512 SAUDI ARABIA BSKSA Jeddah MAR 25 0125- Poor signals with man in Arabic chant/singing. [Axelrod-MB]
- 1521 SAUDI ARABIA BSKSA, Duba, MAR 17 2130 - Arabic news by man; loud. Reception about 1.5 hours pre-sunset. [Connelly\*E-MA]
- 1530 VATICAN, MAR 27 0425 - Clear under WSAI with Vatican IS followed by a man speaking in a Slavic language. Seems a little weaker this season. [Dangerfield-PA]
- 1539 GERMANY Evangeliums Rundfunk, Mainflingen, MAR 17 2153 - woman in German; fair. [Connelly\*E-MA] MAR 26 0445 - Man in GG with religious talk. [Dangerfield-PA]
- 1548 ENGLAND Capital Gold-London MAR 16 2310 - English talk host with caller, best on lower SSB, marginal reception. [Stromsted-MA]
- 1548 KUWAIT VOA Relay, Kuwait City, MAR 17 2253 - US English talk by man about a negotiated settlement in Afghanistan; to good peak. [Connelly\*E-MA] MAR 25 0102 - Poor to fair signals // shortwave VOA broadcast with news. NEW Station and NEW country!! [Axelrod-MB]
- 1550 ALGERIA RASD Clandestine, Tindouf, MAR 17 2156 - Arabic male vocal & strings // 7357; mixed with WNTN. MAR 17 2300 - // 7357 with a possible sign-off consisting of a MAR ch (anthem ?) played by a band of limited talent, then blank carrier on both the MW and SW frequencies. [Connelly\*E-MA]
- 1557 FRANCE R. Bleu, Nice, MAR 15 2340 - Rock music with vocal -fair with the usual excessive splatter from pest 1560/WQEW, // 1377 // 1206 // 945 // 864 // 711(good to fair). [Stromsted-MA] MAR 17 2301 - man in French; through bad WQEW slop. [Connelly\*E-MA]
- 1566 unID MAR 17 2259 - bits of piano music in severe WQEW slop; probably not India. [Connelly\*E-MA]
- 1575 KUWAIT/CLANDESTINE, AI Mustaqbal, (presumed) MAR 15 0013 Arabic language- High pitched male and female/newscast? Good signal with Spanish/Italian signals under.
- 1575 SPAIN SER synchros, MAR 17 2254 - fast Spanish teletalk; good, over several others. [Connelly\*E-MA]
- 1575 ITALY Genoa etc. MAR 27 0430 - Good with pips [don't know why on the half hour but there they were] followed by man and woman in Italian. // 1332. [Dangerfield-PA]
- 1583.64 CEUTA RadiOle, MAR 17 2158 - rhythmic group Spanish vocal; a bit stronger than SER-1584. MAR 17 2255 - '60s Las Vegas lounge-lizard type male vocal (Sammy Davis Jr. ?); blowing away 1584. [Connelly\*E-MA]
- 1584 CEUTA Radiole, MAR 27 0440 - Pop music. Station was above 1584 kc and separate from Spain-SER talk. Didn't try to measure exact frequency. [Dangerfield-PA] Mark comments: This was on 1583.64 (which is below rather than above 1584.0) when noted on 17 MAR from Eastham. It is usually very close to this frequency or to exact 1584.0, so a crystal with two stable states seems evident, rather than random drifting like that wandering Syrian station all over the place in the 827 to 833 kHz range. [Connelly-MA]
- 1584 SPAIN SER synchros, MAR 17 2256 - SER teletalk only audible on upper sideband (too much Ceuta QRM on the lower side). [Connelly\*E-MA]
- 1593 GERMANY (t) R. Free Europe, Holzkirchen, MAR 17 2159 - probably this with light classical piano music; in tough WARV slop. [Connelly\*E-MA]
- 1602 SPAIN Euskadi Irratia, Vitoria, MAR 17 2257 - non-SER Spanish talk; over/under the SER synchros. [Connelly\*E-MA]
- 1602 SPAIN SER synchros, MAR 17 2257 - // 1575 with SER network talk; mixing evenly with E.I. Vitoria. [Connelly\*E-MA]
- 1611 VATICAN, MAR 27 0419 - Armchair signal. Woman in Italian briefly, then Vatican IS repeated several times, woman again, then a choir briefly, followed by a man in a language that was in the Russian family. Was the same the previous night. And putting a monstrous, sharp het on 1610. But on MAR 28: Not a peep ! From April on, s/on will be 0519. [Dangerfield-PA]

Erik speaks: "MW TA signals are improving modestly here as Spring arrives, but still a long way to go! Unfortunately static levels are on the rise too."



FUNDAÇÃO CULTURAL NOSSA SENHORA DA GUIA  
RÁDIO ESPINHAS DE PATOS

ZYI - 877

1400 - KHZ - AM - ONDAS MÉDIAS - 5 KW

Shawn speaks: "Well it was one of the best DX'peditions in a long time. Managed to hear 12 new stations including three new countries: Kuwait, Ukraine and Slovakia. At first we were very disappointed as nothing new or even decent heard from 1500 to 1900 local time. Had thought of eating and going to bed early. Then at 1900 or 0100 UTC the band changed inside of 10 minutes we had TA hets all over the place on Long and medium wave. Tried for a repeat in the morning but only TP hets no audio. Temps were about -15 to -20C with winds at 30-50 kph making it lovely -30C outside. Kept the wood stove going in the bus and were warm as could be in shirt sleeves DX'ing our hearts out. The bad weather or long hard walks have always lead to good DX and this was no exception. Will be last trip of the season due to work and if we get lucky snow will be melting starting next week making the field a muddy mess. Quite the end to a season at the old DX bus."

Ben speaks: "We're right in the middle of one of my favorite weeks: the one where Europe goes to Daylight Time and we don't until next week, thus enabling some TAs [mostly Italian-based] to sign on an hour earlier over here, Sunday and Monday of my week [Mar 25 & 26] began nicely. While there were few TAs at sunset, both nights followed with semi-auroral conditions, and then after 0300 came good high band TA openings, mostly in the 1500s and 1600s. Vatican-1611 was just super after 0419 sign on, and Italians were fair to good on 1332, 1368 and 1575. Germany-1539 was in, and Vatican-1530 was easily heard behind WSAI. As to the Vatican stations, has anyone read the article about the village folk near Rome who are up in arms as to the effects of the electromagnetic waves radiated by the many Vatican towers? The Vatican says there isn't enough proof of effects, but the Italian government seems to be cracking down, and has ordered the Vatican to reduce power or face electricity cut-offs. The Vatican says power has already been reduced. Maybe it has! So what is the future of megawatters over there? LA conditions were somewhat on the auroral side recently although I have not heard anything really interesting."

#### PAN-AMERICAN DX

- 550 VENEZUELA R. Mundial, YVKE, Caracas, MAR 23 0146 - Great at times. Modern, uptempo LA music (sounded at times like a Spanish-speaking In Sync) with Atlantic time checks. Man giving lots of numbers (telephone?), then music with short bits of SS talking between songs, always mentioning "Mundial". [Kenneally-CT]
- 550 CUBA R. Rebelde synchros, MAR 23 0205 - Fighting and often winning over Venezuela. Usual Rebelde programming clearly // 670. [Kenneally-CT]
- 570 UNID, MAR 21 0300-0330 - Radio Reloj and WKBN pushing each other around, but there was a station playing SS music underneath. Perhaps Venezuela, but my wire aims SSW. MAR 22 0319 - Dominican-type music, possible slogan "sonido estero". Quite strong at this time, but not noted after 0400. [Renfrew-NY]
- 570 CUBA Radio Reloj, MAR 22 0640 - Typical Reloj format, Spanish, time ticks, beep, "RR" in code. [Knight-CO]
- 580 PUERTO RICO WKAQ San Juan, MAR 22 0400 - network list mentioning "Ponce" partially heard under WCHS. [Renfrew-NY]
- 610 COLOMBIA R. Difusora Nacional Uribia? MAR 21 0400 - Huge signal - no WIP detected. Top of the hour: "Ustedes escuchan Radio Difusora Nacional de Colombia (then something like "ingraccio" - city name?). Later "La Voz de la Cultura". Is R. Dif. Nac. a network, or do the stations ID independently? [Kenneally-CT] (Well, the honest truth is stations can say anything they want about themselves, accurate or no. As well, they can use all kinds of additional slogans about themselves which may or may not relate to any published lists, such as the WRTH. And on top of that, the WRTH is increasingly inaccurate. Stations can run pure network feed 24 hours a day, or just at night, and there may or not be local breaks. Caracol stations in Colombia also name the location of the story being reported in news segments, so just because you hear an announcer dramatically say "Medellin" doesn't mean that is where the station is from. Jim)
- 620 CUBA R. Rebelde MAR 21 0415 - in and out of mush with sporting event. Clearly // 670. [Kenneally-CT]
- 630 CUBA R. Progreso MAR 21 0425 - Deep in mush, but clearly parallel its stronger sibling on 640 with man talking. [Kenneally-CT] MAR 22 0407 - music program // 620 and 690. [Renfrew-NY]
- 650 COLOMBIA RCN, HJKH, Bogotá, MAR 23 0230 - Solid in WSM null with talk until about 0240. Then a man started shouting and talking at a rate only possible in Spanish. This tremendously ex-



- cited fellow traded off with a couple others, but the first guy always returned. Sounded like they were trying to rev up a concert audience or something - the energy level was really impressive. This went on for over 30 minutes! It made other RCN outlets incredibly easy to ID - // 760/1000. [Kenneally-CT] MAR 24 0513-0554 and MAR 25 0100 - good, sometimes topping WSM. Lively Spanish music. Tentative ID as "Colombia" at 0554 on March 24; confirmed on March 25 at 0100 with top of hour ID. [Hochfelder-NJ]
- 670 CUBA R. Rebelde MAR 21 0415 - alternating with WWFE with no Chicago presence at all only WFAN-NY-660 slop. Sporting event // 620. [Kenneally-CT]
- 690 CUBA R. Progreso MAR 21 0500 - Good signal with very clear ID at top of the hour. [Kenneally-CT]
- 700 COLOMBIA HJCX Cali, MAR 22 0127 - Atop frequency with man in SS and many mentions of Cali in ads and news items. [Dangerfield-PA]
- 720 VENEZUELA YVQE, R. Oriente, MAR 22 0350 - Very strong with beautiful ID after song: "Esta es R. Oriente ... transmitiendo desde ... Venezuela." 2 men talking - mentioned PorlaMAR rrrrr. Sounded like sign off, as both men said good night and then played a MAR tial, anthem-like song. Station faded out rather than abrupt drop, but didn't come back. [Kenneally-CT]
- 720 JAMAICA RJR, MAR 22 0328 - Definitely the highlight of the night. Religious programming in accented EE until 0330, then into lite R&B with mellow-voiced DJ talking between and over songs. RJR jingle ID and mentions of Kingston at 0425. [Kenneally-CT] MAR 23 0445-0526 and MAR 24 0450-0505 - Good, sometimes topping WGN, which was much more subdued than usual, but still present. No trace of usual CHTN. On MAR 23, call-in show hosted by woman, with female guest on telephone. On MAR 24, dance-hall music, and finally a positive ID at 0500 "RJR" jingle. [Hochfelder-NJ]
- 730 COLOMBIA Cadena Melodia (per WRTH 2000) Bogotá, MAR 24 0525-0628 - Good, topping a much subdued CKAC. Spanish ballads or easy-listening. At 0525 caught "Bogotá," and at 0628 ID'd as "esta aqui Bogotá, [capital?] de Colombia." [Hochfelder-NJ]
- 730 MEXICO XEX Mexico DF, MAR 21 0431 - noted in passing as the dominant station on frequency, nice XEX call letter ID. [Renfrew-NY]
- 730t TRINIDAD & TOBAGO, R. Trinidad, MAR 23 0335 - Assumed here with man and woman talking (he talking, she listening and responding) in what may have been some kind of religious instruction. Couldn't get decent audio. Came and went and never returned. [Kenneally-CT]
- 730 COLOMBIA Cadena Melodia, HJCU, Bogotá, MAR 23 0455 - Trading dominance with CKAC. Trying for a repeat of Trinidad, spent a long time listening to SS ballads (many by same woman) broken by "Melodia" ID between songs. [Kenneally-CT]
- 780 VENEZUELA Radio Coro, MAR 11 0135-0141+ - man in SS with mainly Cuban music. Well under WBBM but caught RC ID @0141; poor. [Frodge-ON]
- 780 CUBA UnID (R. Rebelde?), MAR 23 0310 - Solid signal in WBBM null. Definitely Rebelde programming // 670. There was a man talking and naming many Latin American countries - possibly sports related. There was a weird echo on the frequency as if there were two stations almost 1 second apart. These in turn were parallel and 1 second behind 1000. I don't see listing of Rebelde outlets on 780 - is this a case of local programming shutting down for the evening and turning it over to a (delayed) Rebelde feed? [Kenneally-CT] (Yes, that would make sense, except that I don't see any Cuban stations listed on this frequency! - Jim)
- 780 UNID, MAR 24, 0600-0630- Spanish under a subdued WBBM. Too much fun trying to ID Jamaica and the two Colombians, so didn't stay on channel. Cuba, Colombia, and Venezuela (in order) are likely. [Hochfelder-NJ] (And, I'd say Venezuela's R. Coro the most likely - Jim)
- 830t ST KITTS & NEVIS R. Paradise, MAR 22 0157 - Assumed with accented EE religious programming. Missed a top of hour ID while listening to Mexico. I think this may have been the dominant station last night around this time as well. [Kenneally-CT]
- 830 CUBA R. Reloj MAR 21 0445 - Way down deep under an UnID domestic instrumental. Typical Reloj pips with "RR" in code every couple minutes. [Kenneally-CT]
- 840 CUBA Dobleve, Santa Clara, MAR 22 0200 - Very strong over WHAS with nice ID "Esta es Dobleve, transmitiendo desde Santa Clara....". [Kenneally-CT]
- 850 CUBA R. Reloj, MAR 22 0417 - a new one for me noted here with characteristic Reloj program. [Renfrew-NY] MAR 25 0425 - Poor under KOA with news in Spanish clock ticks and



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- RR code on the minute. NEW Station! [Axelrod-MB]
- 850 UNID, MAR 24 0415 - While logging WSP0 with new calls, I noted an SS music station far underneath. I've heard Colombia here years ago. [Renfrew-NY]
- 860 DOMINICAN REP. Radio Clarin, MAR 24 0028 - Man and woman in SS with many mentions of Santo Domingo. Pop music with vocals followed. [Dangerfield-PA]
- 870 CUBA Radio Reloj, MAR 6 0442 - Poor, but clear under WWL with Spanish (woman talking), time ticks, beep, 2 R's in morse code. New. [Knight-CO]
- 890 CUBA R. Progreso, Ciego de Avila?, MAR 22 0145 - Super strong with M talking and periodic songs. // 640. [Kenneally-CT]
- 900 CUBA R. Progreso, Cacomum?, MAR 22 0145 - Weak under another strong LA that turned out to be XEW. Clearly parallel to 890/640. [Kenneally-CT]
- 900 MEXICO XEW, Mexico City, MAR 22 0147 - Way up over Cuba and Canada with man talking. Obliging gave call letters soon after I tuned in. [Kenneally-CT]
- 910 VENEZUELA YVRQ Caracas, MAR 21 0554 - with music and "RQ-AM" ID. [Renfrew-NY]
- 950 CUBA R. Reloj, MAR 12 0428 - Excellent signal with Spanish news, time ticks, "Radio Reloj" ID by man. By far the strongest Reloj at this QTH followed closely by 570kHz. [Knight-NC] MAR 22 0414 - usual Reloj time ticks and code ID's under WBBF. [Renfrew-NY] MAR 22 0646-0651 - Heard beeps and "RR" in code only each minute in local KKFN null. Format makes it very easy to identify. New. [Knight-CO]
- 1000 CUBA UnID, MAR 23, 0310 - Good signal // 780 but slightly ahead. R. Rebelde programming. Where is this one in Cuba? [Kenneally-CT] There are two programs, and three transmitters listed in the the WRTH. You may have heard a broadcast that was carried on all the Cuban networks. - Jim)
- 1000 COLOMBIA RCN, HJAQ, Cartagena, MAR 23 0305 - Completely buried under Cuba and domestics, but clearly parallel 650/760 with same excited people. [Kenneally-CT]
- 1030 MEXICO XEQR, R. Centro, Mexico City, MAR 22 0213 - Owned half of 1030, WBZ owned the other half. Endless talking right through the top of the hour without an ID - which was frustrating because there were so many places to be listening last night. Talk seemed to be about sports, with "futbol" and "commento de deportes". Finally ID at 0213 "XEQR Radio Centro...". [Kenneally-CT]
- 1050 MEXICO La Ranchera, Monterrey NL, MAR 21 0629 - with accordion music, and ID as "Radio Ranchera Monterrey" at 0629 and again at 0652. I've been after this one for fifteen years! Perhaps you've heard of Sisyphus? [Renfrew-NY] (yo, how about that classical reference, Dennis Miller? - Jim)
- 1080 CUBA R.Cadena Habana, Guines MAR 18 0635 - Good; woman with Cadena Habana mention, romantic nostalgia, over WVCG with WTIC off. [Conti-NH] MAR 18 0645 - With WTIC & KRLD off, this was the dominant station between 0635 and 0645 with nice, slow SS ballads. As reported on list, "Amigos de la Madrugada" program ID between songs. [Kenneally-CT] MAR 21 0703 - powerful signal bumping WTIC aside, with two women reading the news. [Renfrew-NY]
- 1080 VENEZUELA R.Barcelona, Barcelona MAR 18 0723 - Poor; ID and salsa music heard through WVCG and Cuba with WTIC off. [Conti-NH] MAR 24 0354 - Preaching and music program, mentioning "Palabra de Dios" (word of God) and "en Puerto La Cruz", a city adjacent to Barcelona. [Renfrew-NY]
- 1080 (USA), MAR 18 0112 - KRLD off the air, leaving KSCO, UNID XE (presumably XEDY), and another talk station very weak. Nothing new logged in their absence. Back on the air before too long. [Hall-CA]
- 1100t ANTIGUA ZDK, St. John, MAR 22 0225 - Assumed with accented EE religious programming. [Kenneally-CT]
- 1130 UNID, MAR 21 0730 - Mexican music, and I think I'm hearing "Radio Favorita" ID's. Perhaps the station in Georgia, but I don't recognize the slogan. [Renfrew-NY]
- 1130 MEXICO XETOL Toluca, MEX, MAR 22 0545 - Spanish, noted in passing with good signal, musica romántica and "El Lobo" slogan. [Knight-CO]
- 1200 UNID MAR 20 2230 - Someone in the clear on an empty 1200 faded in with man talking in what I think was Spanish, but with a soft, almost French-like accent. Interesting in that it was very early, before our local sunset. Tape is set for tonight so we'll see. [Kenneally-CT] (I'm not sure what programs the Framingham station runs these days, but another possibility might be Brazil - Jim)
- 1270 CUBA R. Reloj, Camaguey, MAR 23 0325 - Completely buried (SIO



- 111) under domestics. Saw in a bulletin that someone else had heard Reloj here, so stopped by to check. Just pips and "RR" code heard. [Kenneally-CT]
- 1331 CUBA Niquera Radio Portado de la Libertad, MAR 22 0058 - ID by man in SS. Cuban music in a few minutes. Has been off frequency for some time and still is. [Dangerfield-PA] 1375.02 ST. PIERRE ET MIQUELON RFO, St. Pierre, MAR 17 2246 - "Work Song" (the old blues / pop standard), then reverberated French talk by man; good, some QRM from France-1377. [Connelly\*E-MA]
- 1540 UNID, MAR 24, 0600-0630 - Occasionally topping WPTR and KXEL. Spanish religious programming: "San Francisco," "la dia de la milagro," "en nombre de Dios..." I'm thinking that this one is domestic, but can't figure out who. Also Caribbean accented English with mention of "reggae" floating up through everything else on channel. Bahamas? Wishful thinking? [Hochfelder-NJ] (WMDO in Maryland is Spanish language, and Bahamas is quite likely - Jim)

*Rick's Two Cents:* "Last night was fun - lots of Latin music and religious instruction. I only wish my second 2010 wasn't still in for repairs. Used an old TRF for bandscanning while the primary 2010 was recording. What is the best source for info on the Cubans? Does NRC still produce a Cuban station list? (No - Jim) I'm amazed that not only is WRTH not accurate, it is also internally inconsistent with the listings under the Cuba country section dramatically different than the listings in the Central America frequency list. (I also note that in the list at the back of the book the Dominican stations get Cuban call letters! - Jim) My 1200 early-evening UnID was unable to claw its way through the local electrical QRM for an ID. I didn't have the loop set just right to null the static. This DXing is much harder when you have to get up and go to work and leave the radios/antennas/tapes to fend for themselves. (and if only I could get my computer to type up the QSL letters for me! - Jim)

*David's three cents:* "Conditions were awesome this weekend, and really put the thrill back into AM DXing: a Jamaican and two Colombians, both new countries for me. Thanks to everyone on the list who shared their loggings and made the rest of us aware of the conditions. Conditions were excellent on Thursday and Friday nights, but seemed to return to normal on Saturday night (ET)."

#### TRANS PACIFIC DX

Hets on 738 1107 1125 1143 1215 no audio. [Axelrod-MB]

#### STATION NEWS

- RUSSIA/KALININGRAD: Information from Mikhail Timofayev in St.Petersburg is that LBH Radio is currently off air due to problems with the satellite feeder from Western Europe to the Voice of Russia control centre. [Mike Barraclough in Medium Wave Circle e-mail list]
- PUERTO RICO: QSL letter dated Feb 20 from "WGIT 1660 AM" received by Rolf Fredriksson, Sweden, who says he heard the station on Feb 3, at 0415. The letter was written in Spanish and signed by Olga Rosario de Matos, Presidente. The address used by Rolf - and now confirmed by station - is P O Box 7, Moca, PR 00676. Rolf says that address info was provided by fellow countryman Kurt Norlin, who suggested the address for WZNA 1040, whose owner Aurelio Matos is listed by the FCC as one of the WGIT licensees. [Henrik Klemetz via Christoph Mayer in hard-core-dx via Medium Wave Circle (UK) e-mail]
- SERBIA: According to Mr. Sedic, a director of RadioTelevizija Srbije, the Beograd 1 transmitter on 684 kHz has now 200 kW and its repair is planned with a financial help of EBU and ITU. But they give priority to shortwave relay on 7200 kHz. [Karel Honzik, Czech Republic, Medium Wave Circle e-mail list]
- SYRIA: Slightly auroral conditions have given very good reception of UNID Arabic station (subsequently ID'd as Syria) on 820.13 with an unstable carrier at 2350 UTC MAR 21. Reception in AM possible (needs PBT and notch on receiver) and quite good but USB difficult. Egypt still on 819 kHz parallel 12050 820.13 had continuous music through top of hour till 0015 then into male announcer with news(?) Followed by ID at 0020. Full ID as per page 538 of WRTH 2001. BTW yesterday also heard station but sign-off noted at 0007 hours. I presume this is the nominal 828-830kHz transmitter gone for a walk! [Steve Whitt, *Medium Wave News* (UK) e-mail]

#### CORRECTIONS

The 780 Venezuelan ID in the previous IDXD was "Radio Coro". Must have been asleep when I typed up my logs. [Wolfish-ON]

Mark Connelly's report of an of-frequency station on 1296.35 results in this e-mail coment from

Mauno Ritola in Finalnd: "Yes, COPE Valencia 1296 has been on this split sometimes." And in response to Mark's report of an Arabic station on 1584, this response: "1575 and 1584 are alternative frequencies for Al-Mustaqbal, no apparent logic in choice. Also heard simultaneously with very weak signal on 1620 kHz."

#### KRLD / WTIC RESULTS

There were lots of e-mail reports on this on amfmdvx@qth.net. In addition to the reports shown above, here are two of the more detailed accounts.

I monitored the KRLD silent period on 1080, MAR 18 at 0600 UT with my TRF in bed. KRLD said nothing about a special silent period for DXers, just that it would be back on the air shortly. Only heard two Spanish speaking stations when they faded up, but never any IDs, more often from the SE, presumably Cuba's R. Cadena Habana, which was playing romantic music, such as Besame Mucho at 0615 and around 0605 gave EST TC, so not Venezuela. Name of the program mentioned almost every break was "Amigos de la Madrugada", including 0615, 0620. Took turns with a station from the SW, presumably Mexican, with more upbeat tropical music, such as at 0617 *Cómo se mueve esta morena*. Mostly the two stations took turns fading up, but easily separable when both were in. Same pattern as I dozed, but by 0654 KRLD carrier was back on, and joined CBS news in progress at 0701. Only traces of other signals were heard, possibly WTIC before 0630. BTW, KRLD's show before s/off about lost records was somewhat interesting. [Glenn Hauser, OK, DX LISTENING DIGEST e-mail excerpt]

Although I had pieces of KRLD pretty clear around 2100 EST Saturday, they were well under Cuba and WVCG at 0100, I did hear a faint KRLD ID. Cuba and WVCG took turns here in Tampa going from inaudible to loud. Cuban // program on 1090 and 1100 heard as well, the 1090 was very faint under KAAV, and the 1100 fair to good and did not fade when the 1080 did, but smothered by raspy het on 1100. WVCG was hrd with promo for a place in Hialeah (FL.) at 0102 or so. So I knew it was them, did not catch other IDs from them. I heard the songs such as Besame Mucho very clearly at 0115, amigos de la madrugada is correct, as spoken by lady. They (Cuba) had some really nice ballads, a pleasure as it was so strong. My questions - at 0125 trace of man in EE, if this was WTIC it is my only logging of them. And at 0127 heard ad in EE mention "stamina", "30 days" and "800-569-9766" when Cuba faded. Was this WTIC?? Third SS occasionally, weak, this may be Venezuela as reported by others. Never anywhere as good as the others. At 0202 ad with MAR iette Hartley, probably KRLD back on but did not hear them come on. At 0205 definitely 3 SS speakers here, and did get KRLD ID and into Williams so I quit then. KRLD was always poor at best here. Receiver RS DX-390 with RS small loop inductively coupled. DXed from Pat's house as it is too noisy at home with computers on, etc. Tampa, FL. Any help on the ad at 0127?? (but it's not enough for me to send a report to anyone on it) [Foxworth-FL on amfmdvx@qth.net]

I've yet to see anyone but myself report the Spanish station from the SW during the 1080 experiment (or it could be NE, but that seems unlikely). Did not get an ID or any info besides musical format, so may never know for sure, but searching the SCT listings, I find only a few Mexicans on 1080 in the western part of the country (tried Coahuila, Durango, Nayarit, and all states west and north), and the first one is surely the most likely — being on 1080 in a state neighboring TX would not seem a good idea: XEDT 1080 Ciudad Cuauhtemoc Chih / R Divertida 1 kw nd, XEPAB 1080 La Paz BCS / R Celebridad 0.5/0.25, XEDY 1080 Ciudad Morelos BCN 1.5/0.25. The first two are also mentioned in Fred Cantu's incomplete listings. [Hauser-OK]

#### CRYSTAL CLEAR IDXD

Richard wrote seeking information about the source of "tick-tock" transmissions on various medium wave frequencies (850, 940, 950, 1200, I think). And I wrote back suggesting that he was hearing Cuba's Radio Reloj. "Having participated in a crystal set DX contest a couple of weeks ago, I was trying to identify the source location for these clock signals for my log entries. When I check the "Elliott" site, more than one Cuban station is listed on these frequencies, with no way to distinguish between them. Since Cuba is the only source, that certainly eliminates Nicaragua. I can sometimes hear KOA, and when present, so are the time ticks and code, but no voice announcement is heard. I get pretty good DX using a double tuned crystal set with litz wire coils, Schottky diodes, impedance matching transformer and sound powered phones. My long time interest in crystal sets picked up a few years ago after reading an NRC publication about DXing with a crystal set written by Ray Cole. I now find it's my favorite radio. [Richard O'Neill, Waldorf MD <roneill@clark.net>]

#### AURORAL REFLECTIONS

Last night when many of you were hearing Latin Americans, etc. on mediumwave the band was



РАДИО МОСКВА  
RADIO MOSCOW

Dea

almost dead here in Winnipeg, except of course for groundwave signals. I notice that this is quite often the case here. Quite different from Toronto. Perhaps Winnipeg is so deep in the auroral zone that nothing makes it through when the aurora is really intense. I do hear the occasional Mexican when conditions are only mildly auroral. As an aside, when I lived in Northern Manitoba even further into the auroral zone I would occasionally hear stations to the north of me such as the NWT, NU or Greenland during an auroral event. The actual area received depended, I believe, on the location of the hole which appears in the center of the aurora zone. [Morris Sorensen-MB]

#### MORE ON LUXEMBOURG EFFECT

Courtesy of Russ Edmunds, the following is quoted from Gordon Nelson's original NRC Loop article: *'When a very powerful local is very deeply nulled out, the remaining audio will sound extremely distorted - almost like single-sideband; in this case, the signal is being picked up as the result of scattering from the overhead ionosphere, and no deeper null is possible.'* Later on in the same article, he states: *'If you have another powerful local station in the neighborhood, and its frequency is within a few hundred kiloHertz of the station you're trying to eliminate, you may encounter a strange phenomenon that was rarely observed prior to the invention of this antenna - "The Luxembourg Effect."*' He went on to illustrate that, when nulling WRKO-680 by day, he would receive the aforementioned backscatter audio but with audio from WCAS-740 mixed in owing to its strength, and also its geographic and frequency proximity. He also refers to it as *'ionospheric cross-modulation.'* I don't recall any other printed discussions by GPN of this, however there may have been in subsequent articles on horizon blockage, which I will also check as time permits." [Russ Edmunds <w2bjh@nrcdxas.org>] If in fact it was the Lux effect, or some other kind of image, it would be a more remarkable event, because of the transatlantic distance. The second signal had all of the normal characteristics of a weak but relatively steady co-channel signal, no modulation problems, and where it faded it was independent of the primary signal on channel. Both Neil and I observed that it had all of the cadences and "je ne sais qua" qualities of French, although it was too weak to identify words, which led me to think that it might be Russian (something that SW DX'ers have noted: in the hash, Russian, French and Portuguese can sound similar). But our European correspondents assure me there is nothing on 216 except Azerbaijan which would have been in daylight at the time. I now wish I had just tried to // the FR signals on 162 and 183! By the way, the two nights I heard the signal were the two best LW TA nights of the season here. Thanks for your thoughts! [Renfrew] Given the above comments, I would be inclined to guess a hitherto unreported TA station. The only other possibility I could offer would be that of an unidentified open carrier on 216 'carrying' another signal along with it, which is also rather far-fetched, but, in my opinion, still less so than Luxembourg Effect. [Edmunds] I have a suggestion as to Jim's hearing another station below the 216 LW signal. It might be from 1467 MW which shares the same transmitter. I remember from my Pittsburgh days that WJAS and KQV shared a transmitter and sometimes you could hear the sister station below. [Dangerfield] I think I may have taped some of what I heard. Maybe having generated so much verbiage it might be good to revisit! [Renfrew]



#### UPDATE OF THE QIP (QSL INFORMATION PAGES)

From: Martin Schoech <schoech@clandestineradio.com>: The QSL Information Pages for Broadcast DX'ers are currently in the process of being updated with around 220 kB of QSL logs from the last weeks. As it seems, more than 75% of the pages will get additional logs. The process will be finished before Friday I hope. Until now, the regions of Africa, and America have been updated. The line with the date below each country name at the index page shows you the date of the last update. Among them you'll find for instance new qsl logs from Mauritania of Guinea. Both logs came from direct contributors, thank you very very much to them and to all other contributors! In the past weeks there have been discussions in the ConDig and in the Radioescutas - Mailing Lists about establishing QSL Data Bases. The initiators of these databases are invited to work together with QIP. You can contact me in Spanish or simple Portuguese of course. Its possible to use QIP as a basis for your own work or, perhaps better, to change QIP in a way that will fit the needs of the readers. Of course I'm willing to follow your suggestions in order to improve the pages. The current pages of Argentina are a first test for another possibility of arranging the QSL logs. Of course I depend on help or advice from readers in all regions since its very hard to keep the qsl logs of all those 4125 stations from 220 regions free of errors. I can't do that alone. The latest additions to QIP include QSL logs from the magazin Conexion Digital, from the Radioescutas mailing list, from @-tividade DX, from Cumbre DX, from Numero Uno,

from the Norwegian DX News, from the German Radiokurier, from CIDX and DXA, from A-DX and HCDX mailing lists and many many other sources. (see <http://www.clandestineradio.com/martin/qip-sour.html>) for a complete and detailed list. In order to find what you want there is a search form at the beginning of the index page and in order to send your QSL logs to QIP, there is also a QSL logs submitting form at the end of the page. You'll find the QSL Information Pages QIP at <http://www.listen.to/qip> or, if the V3 service fails to bring you there, you can access the pages directly at <http://www.clandestineradio.com/martin/qip-index.html>. Hope to hear from you! Martin from Merseburg. (I checked this out, lots of SW and MW QSL information - Jim)

#### ANOTHER "NO PRIZE"?

We recently awarded Rich D'Angelo a "No Prize" for pointing out that WDXC (mentioned in a recent "stumper") is a real radio club. Glenn Hauser now gets his own IDXD "No Prize" by adding to the story: "Wrong! Arthur Ward, honcho of World DX Club, has decreed that it is not to be abbreviated ... [s]o there is no "WDXC". [Hauser-OK] (Reminds me of the times when one of the jocks on KUDL would announce my newscast thusly: "And now with the latest news, award-losing newscaster Paul Swearingen!" -pls.)

#### CONTRIBUTORS

Shawn Axelrod and Wayne McRae, DX'ing from Valhalla Beach MB; two ICOM ICR-70, six beverage antennas 1200 TO 2200 feet long, and two MFJ 1026 Phasing Units. <saxelrod@mb.sympatico.ca>

Mark Connelly, DX'ing from Eastham MA; Drake R8A, broadband loop, active whip, Superphaser-1 phasing unit. <MarkWA1ION@excite.com> (The antenna set-up used at the time of these logs was photographed right after I'd made my first few pre-sunset DX receptions at Eastham on MAR 17. Look at "[http://members.aol.com/WN1ION1967/car\\_dx\\_setup\\_at\\_eastham.jpg](http://members.aol.com/WN1ION1967/car_dx_setup_at_eastham.jpg)")

Bruce Conti, Nashua NH; R8B, MWDX-5, 30-m wire, 30-m east sloping wire, noise reduced via 4:1 RF matching xfms and buried coax. <BACONTI@aol.com>

Ben Dangerfield, Wallingford PA; R8A, 4 slopers, DXP-3A phasing unit. <ben-dangerfield@worldnet.att.net>

Robert Foxworth <rfoxwor1@tampabay.rr.com>

Harold Frogde, Whitehall MI, DX'ing from Brighton MI; Drake R8B + 1000' NE/SW bev + 65' TTFDFV. Also DX'ing from Coe Hill ON; Drake R8B + 500' unterminated N-S bev, 900' radial terminated E-W bev, 65' TTFDFV. <yukon@tm.net>

Tim Hall, Chula Vista CA; ICF-2010, KIWA Loop. <challs@inetworld.net>

Glenn Hauser, Enid OK.

David Hochfelder, New Brunswick NJ; Sony ICF-2010 with Kiwa Pocket Loop <hochfeld@rci.rutgers.edu>

Rick Kenneally, Wilton CT; Sony 2010, Quantum QX Loop, Realistic TRF, Radio West Shotgun Loop. <woodlandview@yahoo.com>

Chris Knight, Fort Lupton CO; Kenwood R1000, KIWA Loop, 700 foot SE/NW Beverage Antenna unterminated. Also DX'ing from Morrisville NC; GE SR III, no external antenna.

Jim Renfrew, Byron NY; Drake R8, 100' E/W, 250' SSW/NNE wires. <renfrew@localnet.com>

Erik Stromsted / W1ZBT, Pepperell MA; Yaesu 1000MP, 1500 foot terminated long wire aimed NE (toward Europe). Also using a Palomar preselector. <microadv@mindspring.com>.

**Abbreviations:** a = approximate, p = presumed, t = tentative, v = variable, AA = Arabic, EE = English, FF = French, SS = Spanish, // = parallel to. Please avoid using other abbreviations!



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# DX'er's Notebook

Shared tips, topics, and Internet info

Dave Braun dcbraun@delanet.com

863 Allabands Mill Rd.

Camden Wyoming DE 19934-2132

We're going to focus this time on some propagation-type subjects, but first an additional report came in via regular mail from Mike Riordan in Salt Lake City, first on the "1140 mystery":

I have a Sony CRF-1 receiver with Radio West modified mechanical Collins filters. In my area of Salt Lake City I noticed on 1140 kHz a loud heterodyne pumping sound at night. This occurred from late December (! - ed) to late February. I switched on the 1.9 filter position on my CRF-1. I discovered that KFSN in Las Vegas, Nevada was broadcasting off frequency. They were on 1138.5 kHz (1/5 kHz off frequency). I contacted the chief engineer, as of this date (3/14/01) problem corrected.

Mike also provides his opinion on the Select-a-tenna:

This antenna works great on some portables and others marginal. The Select-a-tenna works super well on my DX-440. It brings out the weak mediumwave stations loud and clear. It also helps tune out the garbage from strong local stations. I've never tried the Super Select-a-tenna. I've gotten various opinions on it in the DX community. Some people say that the gain is marginal compared to the original Select-a-tenna. One owner of the Super Select-a-tenna said that it is a broad-band amplified antenna. I could have problems with RF garbage in an urban environment with strong local stations. I am wary of the Super Select-a-tenna in a high RF environment. I would think it would work well out in the boonies.

## GRAVEYARD DX DISTANCE/PROPAGATION

**Steve Francis** <Pellisipi@aol.com>: I've heard 316 graveyarders over the past 30 years, and have yet to break the 800-mile barrier on any domestic catch! I did hear TGK-1240 in Guatemala City at 1516 miles in '77, but they're U1 5000/5000. My farthest domestic is KILE-1400 in Galveston, at 781 miles. 300 of the 316 are under 600 miles!

**Barry McLarnon** VE3JF <bm@lynx.ve3jf.ampr.org>: Your location clearly makes a big difference. You're immersed in the midst of the "GY cloud", which is good for hearing lots of stations, but not so hot for getting long distance catches. If you're on the outside of the cloud looking in, you can get those longer distances. I'm on the northern edge of the cloud, so there are fewer stations within a 600 mile radius, but I've had some luck hearing stations at longer distances - for example, WSBB-1230 (1162 miles), WGGG-1230 (1141 miles), WFOY-1240 (1107 miles), and WFAV-1400 (1186 miles) in Florida, and WMRK-1340 (1075 miles) and WDL-1400 (918 miles) in Alabama...all heard in the past two years. No doubt most, if not all, had some help from auroral enhancement. I'll bet a lot of DXers in the north-east miss these GY catches because, when conditions are right, they're somewhere else chasing Latin Americans and such!

**Mike Brooker** <aum108@idirect.com>: For what it's worth (Buffalo Springfield, 1967)... my best graveyard catch from Toronto was WFOY-1240, St. Augustine, FL logged shortly after local sunset on Nov. 10, 1979. QSLED with a v/1 and a cool Art Deco style card.

**Robert Foxworth** <rfoxwor1@tampabay.rr.com>: Two that I am sure I recall were made by Ernie Cooper, while on Cape Cod, both on 1240, the TGK recently mentioned here (and with 5 kW) and another one was his hearing ZNS-2 in Nassau, again during Auroral conditions, alone on the channel. But this was some years ago. This channel is a bit tough here with local on 1250 blasting away. Here in Tampa we have a local on 1340 and semi-local on 1450 and 1490, so I haven't heard as much here as I thought I would. Usually WFTL is big on 1400. I too have not yet had a confirmed outside-Florida logging, but haven't tried that hard.

**Russ Edmunds** <wb2bjh@nrccxas.org>: I think that Barry also benefits greatly from being able to get some good GY resulting from auroral conditions, which Steve doesn't have for the most part. I'm somewhat in between the two, but even here, I've not seen the sorts of auroral GY receptions that others further North of me have over the past year plus.

**Barry McLarnon** VE3JF: Absolutely - I have notes on many of my GY loggings to the effect that there was suspected auroral enhancement. In addition to being in a good position for that, I'm blessed with relatively clear conditions on all six GY frequencies. The groundwave signals that I have on the



GYs are not strong enough to be very troublesome at night, and I have no local stations adjacent to the GYs to splatter over them. I previously opined that a lot of good GY catches might be missed, since when conditions are best for long distance reception, most DXers will be busy chasing other targets and ignoring the GYs. To expand on that point a bit, I think there are factors other than aurora that can play a part in long distance GY DX. Just for grins, I took a look at all of my GY loggings that were over 600 miles (about 70 total) to see what time of year they happened in. The results were very interesting - the most loggings were in February, but every month of the year was represented. More surprising is the month with the second-highest total - July! From most to least, the order ran Feb, Jul, Jun/Nov (tied), Oct, May/Aug, Jan, Sep, and bringing up the rear, December. Granted that the numbers aren't large enough for real statistical significance, and that there are other factors involved (e.g., I was away for 3 weeks last Dec.), but I think the trend is interesting nonetheless. Of particular interest is the number of catches during the summer, despite longer days, higher noise levels and the usual summer distractions.

This brings me to my pet theory. :- I'm convinced that sporadic E plays a part in AM DX. Es is of course best known for pushing MUFs high enough to permit long distance VHF reception. However, there is no reason why it cannot also have an effect well below the MUF. Skywave propagation at MW frequencies mainly results from reflections caused by the E layer, which has relatively weak residual ionization at night. If an Es cloud forms at night, it will have much more intense ionization than the E layer, and it seems reasonable that it would give rise to stronger reflections at MW. These clouds tend to be quite small, and as VHF DXers well know, for a given reception location, they usually support propagation from a small geographical area at any given time. If there is an enhancement from Es at MW, therefore, it would be most likely to be noticed to on a channel that is quite densely populated with stations (a la FM)... such as a GY channel. So, when you hear a GY station lifted well above the masses, it might be caused by Es enhancement. One difference from Es at VHF: at MW, there would be no skip zone, so Es could cause noticeable enhancement at any distance (out to the one-hop maximum, anyway). However, the closer the Es cloud is to you, the more likely it will be to enhance multiple stations (and closer stations that may be commonly heard), and thus be less noticeable. Thus the effects of Es enhancement would be more evident for those longer 600+ mile paths. Okay, show of hands - how many out there have tried GY DXing during the peak of the Es season (May-August at mid-latitudes)? That's what I thought. :- I think that most folks have declared the AM DX season over by the time May rolls around. Despite less listening time, more than a third of my longer GY catches have been during those months. Of course, Es can happen at other times of the year too. I've heard some monster signals on GY channels from stations that are not normally heard, and aurora, sunrise/sunset effects, etc. were clearly not a factor. Sporadic E is the only mechanism that makes sense to me as an explanation. One nice thing about GY stations - since they are nearly all 1 kW NDA, you know that unusual signal levels are not caused by funny business with powers and pattern changes. This is all circumstantial evidence... I'm hoping to get a decent VHF antenna up later this year and look for correlations between VHF Es openings and MW enhancements. In the meantime, my message is: anytime is a good time to try some GY DXing!

**Randy Stewart** <jrs555t@smsu.edu>: Barry mentioned that many of his best GY catches have been in July... I'm not at home so don't have access to my DX notebooks, but I know that Robert Kramer's old articles on graveyard DX (which I think are still available as reprints...?) specifically say that summertime IS best for various reasons (the frequencies don't seem as crowded etc.). I don't think Es is one of the possibilities mentioned by Kramer, but it's certainly an interesting theory!

**Barry McLarnon** VE3JF: I haven't seen anything in print about GY DXing, or corresponded with other GY aficionados, but I'd sure like to hear about other people's experiences. Call me a masochist, but I find the GYs fascinating. I think it's somewhat akin to fishing. Has anyone written The Complete GY Angler? :-)

**Russ Edmunds**: I have done a fair amount of summer GY DX'ing, although for a different reason. I, along with other DX'ers in the New York metro area years back, discovered that summer tended to yield good GY conditions to New England, and secondly, with fewer AN'ers then, baseball broadcasts provided for fairly easy identification of some good DX. We know that sporadic-E plays a role in bringing us unusual receptions during high geomagnetic activity by reflecting selected signals within the area of major absorption such that they sound almost 'normal', so there is some basis to suspect that sporadic-E could also have other effects. And, once again, given the Ottawa location, the geography is conducive. I don't have any receptions personally where I could easily go back and draw any conclusions as to this, but it's an interesting thought. And I actually did record the A-index values on my daily logsheets back then, but after some number of years, I wondered why I still kept the logsheets,



and all of a sudden I trashed them....

**Barry McLarnon VE3JF:** At the risk of boring y'all, here's a piece that I wrote on the subject during the Es season last year. It was not posted to this list or printed in DXN, so it did not get wide exposure at the time... it sure didn't get much response, anyway. :-)

Sorry about the length of this, but hopefully it will provide some interesting fodder for the list...It seems that many DXers in the northern hemisphere give up on AM DXing at this time of year. It's true that the long haul stuff pretty much disappears (at least for us inlanders), and that noise levels can be high at times. Nevertheless, there is some interesting DX to be found these days, and if you're ignoring the AM band, you're missing out! Read on...

First a few words about MW propagation. As you probably know, ionospheric propagation is supported by two layers (a slight oversimplification, but close enough), the E layer at around 100 km and the F layer at 300-400 km. Below the E layer is the D layer, which causes massive absorption at MW during the daylight hours, but dissipates at night to make things interesting for DXers. :-) The layers that support reflections are characterized by their critical frequency, denoted by  $F_o$  (try and picture the "o" as a subscript), which is the highest frequency that the layer will reflect signals at vertical incidence. It will reflect signals at higher frequencies when they hit the layer obliquely instead of at a right angle. For a given path length along the earth's surface, the maximum frequency propagated for a particular layer is approximately given by the "secant law", which is the critical frequency  $F_o$  times the cosecant of the angle of incidence of the radio wave path with the layer.

When nighttime comes, the ionization of the E layer decreases, and its critical frequency ( $F_oE$ ) quickly drops from its normal daytime value (typically 3 MHz or so) to around 500 kHz. The F layer critical frequency also drops, but it normally remains well above the AM band (thus keeping the SW DXers happy!). Despite the low level of ionization of the E layer, it is the controlling layer for most paths at MW, as signals are usually reflected by this layer and thus do not penetrate to the higher F layer. This is a bit unfortunate, since the F layer would support single-hop propagation over much greater distances! (As an aside, I suspect that one reason long-range propagation is better in the winter months is that the longer hours of darkness allow the E layer to weaken further, to the point where signals can penetrate it even at oblique incidence and reach the F layer). In any case, the low  $F_oE$  at night leads to an E layer "skip zone" in the AM band in which the signals for short paths (i.e., closer to vertical incidence on the layer) penetrate the E layer and are reflected by the F layer instead. The skip zone is negligible at the low end of the band, but it becomes significant at the high end. For example, if  $F_oE$  is at 500 kHz, then the E layer skip zone will have a radius of about 350 km (about 220 miles) at 1000 kHz, and about 550 km (340 miles) at 1500 kHz. Stations inside the skip zone may be noticeably weaker than those outside it, for a couple of reasons: the greater distance traveled to be reflected off the much higher F layer, and the relatively high angle of radiation of the paths, for which the vertical transmitting antennas radiate poorly.

Okay, enough background... now let's get to the interesting stuff. What happens when we throw sporadic-E (Es) into the mix? The patchy Es clouds usually have much more intense ionization than the normal nighttime E layer, so they often have a much higher critical frequency ( $F_oEs$ ). When Es occurs, the  $F_oEs$  is nearly always above the AM band, and it frequently gets to 5 MHz or more. On rare occasions, it hits 15 MHz or more, which is what is needed to generate MUFs that get into the FM band. All the excitement occurs on those occasions when  $F_oEs$  gets high enough to support VHF propagation, but few people think about what Es might do at much lower frequencies. The fact is (okay, it's my conjecture rather than a fact!), any occurrence of nighttime Es could cause some enhancement of propagation in the AM band. It's just not going to be as dramatic as at VHF, since the enhancement occurs against a background of normal propagation rather than permitting propagation that wouldn't exist otherwise.

Since Es clouds tend to be small in extent and hence only support propagation to a limited area, it stands to reason that an Es enhancement would be more likely to be noticed on a frequency with a high geographical density of stations, such as (you guessed it!) a GY channel. Of course, the tradeoff is that any enhancement will have to fight off a higher background level of other stations. Hopefully, the enhancement will be great enough to lift one distant station above the rabble for awhile. A slightly different type of enhancement could occur if the Es cloud is quite close to you. This will do you absolutely no good at VHF, but in the upper part of the AM band it could enhance the signal of a close-in station that normally would be in that E-layer skip zone I talked about earlier.

Does Es enhancement at MW frequencies really exist? I don't have any proof, but I can offer some anecdotal and circumstantial evidence. To begin with, I've had pretty good luck with DXing the GY channels in the peak Es months - May/June/July. A couple of nights ago I snagged two new stations on 1490, both in Illinois. Just a coincidence? Maybe. Last week I logged one of my closest unheards -



WEMJ-1490 in Laconia NH, just 248 miles away. On the same day last week (June 6), I heard WGRV-1340 in Greenville TN, 733 miles from me. According to Bill Hale's GY pages, the existing distance record for hearing that station is 69 miles! One of my all-time best GY catches was WINK-1240 (now WTLQ) in Fort Myers FL, at 1334 miles. This was on June 27, 1999, and it is well documented that there was intense Es activity on June 26-27 that produced skip as high as the 144 MHz amateur band. Just last night, I had a tentative logging of WCMA-1230 in Corinth MS (about 980 miles).

Have I convinced you yet? :-). Although Es peaks in early summer at mid-latitudes, there is a secondary peak in the winter, and it can occur at any time of year. A couple of other examples, and then I'll shut up. I was tuning around one night in early April (April 9, to be exact), and noting that all of the signals were significantly weaker than usual. This was in the aftermath of the geomagnetic storm on April 6, and things hadn't quite recovered yet. Then I found an exception: WTOP-1500 in Washington was at its normal strength, or maybe even stronger than usual. This seemed a bit odd.

Tuning down to 1450, I found instead of the usual jumble, a station totally dominating the channel. This was just before midnight. I nearly fell out of my chair when they ID'ed as WOR in Washington. I've only heard them one other time, and it was a weak and fleeting glimpse - this was certainly something else! So, there seemed to be a strong enhancement to the Washington area, perhaps made more noticeable by the depressed propagation to other areas. If it wasn't caused by Es, then I can't think of any other explanation.

One final example - on January 14 of this year, in the early evening, I came across a big signal on 1490 with C&W music, totally on top of the channel. I waited for the ID, expecting it to be pesty WIKE in Vermont, but was surprised to find out it was CKEN in Kentville NS, which is a whole lot farther away. I noted that CKEN had a // operation, CFAB-1450 in Windsor NS, so I tuned down and, sure enough, there they were - not as dominant as CKEN, but quite readable. I haven't heard either station before or since. Another probable Es enhancement.

I'm interested in finding more definitive proof that Es plays an important role in MW propagation (as far as DXers are concerned, anyway). One way to do this would be to identify some nighttime openings to specific areas at VHF that are clearly Es, and then do some listening on the AM band to try and spot stations from the same areas. Unfortunately, I don't have very suitable antennas up for FM/TV VHF reception right now. If anyone tries this and has some success correlating VHF and MW openings, I'd love to hear about it. And, don't assume that there is no Es just because you don't have any VHF openings - Es is actually quite common, especially this time of the year, but most of the time it doesn't produce VHF skip. I frequently check the digisonde at <http://digisonde.haystack.edu/>, and recently it's shown Es over the Massachusetts area nearly every day - in fact, it's showing Es as I type this. From here, that gives me a nice potential opening out into the Atlantic Ocean. :-). Comments?

#### SQUASHED DELTA ANTENNA/WAVE ANGLES

**Neil Kazaross** <neilkaz@interaccess.com>: Yesterday, as it was finally a nice weekend day, I finished installing my "Squashed Delta" antenna here in Barrington IL. This is a modification to delta loop designed by K6SE for the Clipperton Is. DXpedition. I have the EZNEC program and what I did was to lower the height of the apex which lowers (theoretically) the backlobe's best null angle to the horizon. This is hopefully to reduce groundwave which is a huge source of QRM on AM. Perhaps some propagation expert can enlighten me as to what angles the incoming wavefront are from BCB stations. Anyhow with the null set north towards Milwaukee I was getting 25 dB to a bit more nulls across the band. I had calculated 40+ but that isn't easy in practice with my other antennas around and power lines and my DX truck etc.) However I don't think that I have finished optimization. Theoretically the side nulls are nearly 6 dB and I did indeed find that this cardioid clearly favored the south. This antenna doesn't provide as much signal as a big longwire but that is no problem as I could hear in full daylight WLDS 1180 with 1 kW a bit over 200 miles south of me. Will give more info when I get this antenna further optimized. I plan to phase two of them for further nulling... I moved it a bit to knock Milwaukee down a couple more dB...now -25 -30 dB and nailed a nice new catch on 620 - St. Petersburg. This antenna really works and does a good job at getting distant skip.

**Barry McLarnon VE3JF** <bm@lynx.ve3jf.ampr.org>: There is no simple answer to this question, as the tilt angle of the wavefront is a function of both frequency, and of the ground conductivity and permittivity. The tilt increases with frequency, and it also increases when the wave propagates over "poor" ground. The more tilt there is, the more the wave is attenuated, which is why low frequencies and "good" ground (with salt water being the best) provide the best groundwave paths. Unless your local ground conditions are exceptionally poor, the tilt angle at MW is probably no more than 2 or 3 degrees.

**Kevin Redding** <amfmdvx@qwest.net>: Barry, I might be asking a stupid question. What is per-

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FM 97 - AM 1540

mittivity? Do you mean "permeability"? I dunno, just thought I'd ask.

**Barry McLarnon VE3JF:** The permittivity of a material is a measure of how good a dielectric it is - if you stuff it between the plates of a capacitor, the higher the permittivity, the greater the capacitance. In other words, it's a measure of how easily the material can become polarized and store charge in the presence of an electric field. Permeability is the analogous quantity for magnetic fields. Aren't you glad you asked? :-). According to one reference I looked at, high ground conductivity is the most important factor in having low attenuation of surface waves at LF, whereas high ground permittivity becomes the most important factor at HF - don't ask me why! I guess they're both important in the AM band. Not that this is of much practical use to DXers...

**Neil Kazaross:** OK so if I understand what you are saying, there is almost no tilt angle on BCB for groundwave. What is the angle of incoming wavefront for skip and it's tilt? For example, WCCO on 830 is about 315 miles NW of me and should be relatively high angle but is much weaker on my new delta than without and it is getting ripped up by the Spanish pop station in Louisiana often

**Barry McLarnon VE3JF:** Oops, guess I missed that you were referring to skywaves. This is actually easier to answer. :-). For the WCCO example, the elevation angle should be about 20 degrees. For other examples, you can go to my website at <http://hydra.carleton.ca/ambc/aminfo.html>, enter your lat/long and the station callsign, and get an estimate of the elevation angle for that station along with other info.

**Sam Dellit <dellits@onthenet.com.au>:** I recall that the surface/traveling/crossfield wave field intensity (the electric field axial to the direction of propagation to which the beverage antenna is designed to respond) generally falls exponentially as height above ground increases. Has anyone out there calculated the heights above ground for various grounds, including fresh water and sea water (conductivity and permittivity) for reduction of field compared to the field immediately adjacent to the ground. I guess the yardsticks would be 1dB 3dB 6dB 10dB and 20dB. Here in Australia, we tend to try for long beverages wherever possible, generally in the range 1600ft to 3200ft, and keep the wire as high as possible through the trees, often 30ft plus to keep the velocity factor as high as possible, but I suspect this is too high over ground of good conductivity. Anyone tackled this before? I don't like to reinvent the wheel, well recycle it anyway.

**Neil Kazaross:** This is a variation of a flag or pennant antenna. Earl Cunningham, K6SE wrote articles in QST on these antennas and designed a terminated delta loop for use at the Clipperton DXpedition. Being interested in antennas and wanting a good back end null I played around with EZNEC and found that by shortening the height of the triangle and lengthening the sides I could reduce the best nulling angle of the back lobe to the horizon in an effort to reduce groundwave which is a big problem on AM. The calculated patterns show better than 40 dB F/B across the AM band at low elevation angles. I still get better than 20 dB at 30 deg. above the horizon and better than 15 dB calculated at 45 deg. Consider than a station 300 miles away arrives on skywave at about 20 degrees.

The antenna is simply a triangle of wire or delta. The apex is about 12 feet above the ground and the bottom wire is about 2 feet above the ground and about 40 feet long. These dimensions aren't critical and the antenna (theoretically) works just about as well if it is over double this size and provided more signal as well.

The cardioid pattern is produced thanks to the resistive termination which nulls the back end deeply. The resistor is connected at the far lower corner of the antenna and about 900 ohms is optimal. The resistor does not go to ground. The antenna is completely ground independent !!

The delta is fed with a flag or pennant transformer of about 18:1 value. If you punch in flag antenna in a search engine you'll find some details how to make this transformer. Or you can buy one from Array Solutions as I did. Others have used Mini Circuits transformers for flags but as I found out in my case (having a 9:1) handy, they can't handle strong RF very well and I had WSCR/WGN/WBBM where they didn't belong.

Anyhow...I set mine up Saturday as it finally warmed up a bit and was happy to get somewhat better than 25 dB nulls of Milwaukee stations to the north in the null. On 920 WBAA overrides WOKY daytime now and there is very little WEMP 1250 audible. Last night on 620, WDAE in St. Pete was o/u WTMJ with Tampa Hockey...etc. etc. etc.

The cardioid pattern also has about a 6 dB null to the sides at low angles and that difference is noticeable. Also there still are decent nulls to the NW and NE as WCCO is way down at night and when North Bay ON on 600 was dominant on the Kiwa Loop I could barely hear traces of it on the Squashed Delta.

If it ever warms up here I'll try a taller apex like K6SE designed for 160 meters and also try a larger delta.

**Jerry Monroe KC2UT <jerry.monroe@philips.com>:** Neil I have operated a lot of 3.8 MHz DX the

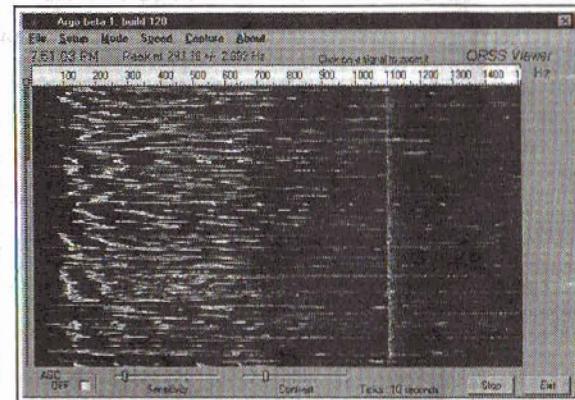


past two seasons, BCB propagation is not a whole bunch different. When working the Europeans from Central NY, there appears to be times when the propagation is from significantly different angles. My transmit antenna (full wave loop, perpendicular to ground) has a fairly high take off angle, but still much better than most close to the ground half wave dipoles. There are times when I am able to work Europeans quite well, even better than those "big guns" running 4 Square's (4 phased verticals, with big ground planes). The 4 square antenna really radiates well at low angles, and this is the proven winner for both 80 and 160 meters on DX. My point is however, that they're are times when the propagation angle does come in better from medium angle and not close to the ground angles (as is well thought, and is quite true for higher frequencies) for the really long stuff >3000 miles. Trying to null out nearby 100 mile or so stations at night can be really difficult, because you have the ground wave (low angle) component and the high angle sky wave >45 degrees competing with each other. (that's why its so hard to hear those nearby 100 mile or so blowtorches at night). The trick is to ride your phase cancellation circuit for best results, as I think you are discovering. I would be curious how it works for long haul stuff in the daytime (without skywave).

**Russ Edmunds <wb2bjh@nrcdxas.org>:** Signal arrival angles are a function of 1) distance and 2) propagation type, thus this will vary by station but also by propagation conditions. I did a piece on this in Target DX early in the season or maybe last season, and I have some other info on the subject, just not immediately at hand.

**George Luce <<GeoLuceTX@aol.com>>** added a unique sidelight to the 1140 "mystery": "I read the interesting DXer's Notebook column in issue #23. The graphic is of the "Argo" program screen after analysis of the KHTK recording that was posted on [www.sharkk.com/1140](http://www.sharkk.com/1140).

Basically, the Argo program takes the audio and breaks it down into its basic frequency components. The display shows audio frequency on the horizontal axis, going from low tones on the left to higher tones on the right. The vertical axis of the display is time, with newer stuff at the top and older stuff at the bottom. If a signal has a steady tone in it, that tone will appear as a vertical bright line. (Example: an interfering heterodyne on a desired signal.) If there were several steady tones, as on WWV, there would be several bright vertical lines. If the signal has talking, there will be a more random pattern, because the yakity-yak does not consist of any one steady tone. (This is the idea behind a "voice print.")



The whole scheme is based on Fourier analysis, which says that any complex wave can be broken down into a series of discrete frequencies. (Conversely, a complex wave can be created by adding together the right amounts of individual frequencies.)

The math can be complicated and/or tedious, but with today's fast computers and some clever shortcuts in the math, the task become easy, and we plain folks can enjoy the end result. (Thankfully.)

In the case of the mystery signal in the recording, the interference can be clearly seen as an 1100 hertz chirping tone mixed in with the KHTK sports-talk announcer. If the tone is from a heterodyne, this suggests that the interfering carrier is at 1138.9 kilohertz (or 1141.1 kilohertz).

Maybe some of the listeners who hear this, or other, interference directly would find "Argo" or "Spectran" to be useful. The programs are downloadable from [www.weaksignals.com](http://www.weaksignals.com). A good demonstration of the spectral analysis capability is to look at the audio from WWV. The various tones, ticks, and beeps make an impressive display. (LOWFERS use these programs to look at slow-speed CW on the 1750 meter band.)

If you have any questions, let me know.

Next time we'll give some more propagation talk, and also begin looking at some DX Targets from "hard-to-hear" states - a topic that comes up quite often. What state do you have trouble hearing? Which station from one of those states have you heard? See you then.

## Who Killed the DJ's?

By John Mainelli, New York Post  
via Paul Smith, W4KNX

Will today's DJ's - Big Steph Lova, Broadway Bill Lee, Funkmaster Flex, Cane, Shaila, Buggy and all the rest - go down in radio history along with legends like Harry Harrison, B. Mitchel Reed and Murray the K?

Probably not - but a lot of what makes a legend is out of the hands of today's radio personalities. (By the way, we're talking "DJs" - not talk show hosts like Howard Stern, Bob Grant and Opie & Anthony.)

"It's pretty hard to ignore the fact that, across the country, personality radio has taken a hit," says Scott Shannon, the original "Zookeeper" on Z100 who's now WPLJ's program director and morning man. "All the syndicated shows ... have taken a lot of people out of the business and, therefore, it eliminates the training ground, especially in smaller markets," Shannon said. "You've got these giant conglomerates running hundreds of stations like an assembly line and it's, 'Don't give 'em the best radio you can give them - give 'em the cheapest.'"

"Cousin" Bruce Morrow says he was stumped when asked to suggest a DJ phone panel for his upcoming Variety Radiothon. "I couldn't think of anybody other than about five people, and none of them from recent years," said Morrow, one of the legendary WABC "All-Americans" who is now with oldies powerhouse WCBS-FM.

Dan Ingram, another WABC vet who's now with WCBS-FM, says today's young listeners probably don't even know there's something missing. "If people have never been fed a good, two-inch-thick steak, they might not know what it's all about," says Ingram. "Personality radio is infinitely more complex and challenging to the listener ... and much more than just 'Do the call letters, play the records and shut up.'"

WCBS-FM programmer Joe McCoy points out that radio - and America - was different in the baby-boom era, when every station seemed to be packed with high-profile personalities. "Before FM, DJs were a special breed [who] were there during the early days of rock 'n' roll," says McCoy. "In the mid-'60s, when Bill Drake came up with the more-music concept for radio, that really changed things - like the Beatles changed the music.

"Then FM came in and the DJs were not the high-energy personality jocks that they were in the '50s and early '60s."

The Post put Shannon on the spot - without warning - and asked if he could name some potential legends today.

"You've still got powerhouse personalities like Rick Dees out in L.A. and, uh - well, you've got a good point - well, you have Elvis [Duran] and the Morning Zoo still maintaining very respectable ratings, and Isaac Hayes [Kiss FM] has done a pretty good job managing to corner a niche for himself," Shannon said.

Five years from now, it may be even harder to answer that question.

A phenomenon known as "voice-tracking" and "cyber-jocking" - using local or remote DJs to pre-record banter for one or more stations to air between records - is spreading to the biggest cities, championed mainly by radio's biggest conglomerate.

Clear Channel, the 1,170-station monster group, sees cyber-jocking as a cost-cutter and has introduced it, pre-dawn, on Z-100 - using DJ tracks recorded by acting program director Kid Kelly, who didn't return calls from *The Post*. The second-largest radio company, CBS/Infinity, is using the threat of "virtual DJs" to scare its programmers into bringing personality back to radio.

"I hear a sameness from station to station - I hear wonderful production [but] I don't hear any personality," Infinity co-COO John Gehron told a recent radio seminar. "I tell our PDs to use their DJs or we will cyber-jock and voice-track their stations," Gehron warned. "There has never been a radio station that has been successful only playing music. Never!"

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

## A DX'er's Technical Guide

Now in its 3rd edition (published early 1998), this 155-page book answers questions on receiver and antenna theory (how to improve their performance), how audio filters and loop antennas can improve DX (and hints on their construction), how to build a Beverage and phasing unit, and much more. Only \$10.00 for IRCA/NRC members, \$12.00 for non-members (overseas airmail add \$2.50). Order your copy today, in US funds payable to Phil Bytheway, from IRCA Bookstore - 9705 Mary Ave. NW - Seattle, WA 98117-2334

## 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.

Dave Schmidt NRCMusings@aol.com  
P. O. Box 3111  
Scranton, PA 18505-0111

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

Andy Rugg, VA3TEE - 375 Ivan Cres. - Cornwall, ON K6H 7C7

So far in 2001 I have 7 new catches, as well as a relog of WILM - 1450 on their TEST. The new ones are WSCR - 670 CHWO - 740 WFAU - 1280 WFBS - 1280 WNAM - 1280 WAWX - 1630 and KQWB - 1660. I enjoyed talking to Allan Loudell and Dave Schmidt during their TEST programs. On the negative side, I've had no luck with my prime targets of KATL - 1610 and KZAP - 1620. Veries are WFBS - 1280 WILM - 1450 KQWB - 1660 and WPTX - 1690. I enjoyed checking in to the NRC Ham Net and talking to Ray Arruda, Al Merriman, Steve Kennedy, Jerry Starr and Dick Truax. I hope to pull in a few more new ones before the summer static takes over. After 41 years of on - and - off BCB DXing, my totals are 1867 logs and 1774 veries, for a 95% return. 73 (And thank you for the call also, Andy, always a pleasure-DWS)

Don Treford - PO Box 120 - St. Anns Bay - Jamaica, West Indies

Have read with interest memories of radio, and thought I would kick in a few of my own. I was a city kid (Toronto) and my first real memories of radio probably occurred around 1935. At the time, we had a Federal floor model radio that was in the living room. It had the old-type dial with a little slot where you could see the frequency, and the dial was round. Buttons were for volume, etc., and were round and wooden. A regular routine each night was Lowell Thomas and the news and then Amos & Andy, and that was it! Think they were on WBEN-Buffalo. Sunday night was the BIG night, starting with Jack Benny and then a full hour of Charlie McCarthy and Edgar Bergen. During this time, my grandmother came to live with us and she was given a Westinghouse table model (wood and rounded top). When she passed on, I inherited this radio and the real interest began, as I could listen to it in my bedroom and 'spin the dial'. I began to listen to Clint Buelmans morning show on WGR (even then on 550) and his morning antics, like lowering the mike from probably the 11th floor of the Rand Building to the street and have passersby talk. I eventually persuaded my parents to take me to the station, on a day trip to Buffalo, but he was gone for the day. He later moved to WBEN. I also discovered other stations and shows. Toronto had only two independent commercial stations at the time, CFRB and CKCL; the other two were the CBC, CBL and CBY. I listened to CKCL in the mornings if I had a cold and was confined to bed; it had to be the most boring station (all the other stations carried 14-minute soap operas!) and the only good show CKCL had was "The Shadow" on Sunday nights. For music (swing, big band, popular), you tuned up to CHML and CKOC in Hamilton. My parents finally gave up on the Federal, likely got beyond repair, and got an RCA table model, with shortwave even! I eventually took this over, too, and I suppose that's when I started to DX. I had a great deal of trouble finding lists of stations; there were a few listed in the local newspaper, but I found a road map of Pennsylvania that listed stations in that state. I don't remember where I heard of RADEX, but after searching many variety stores, I found it, a great help with their monthly AM log (much like today's, but much less information). I decided to go after some verifications, and the first station I sent a report to was CFRB. It must have been a terrible report, but I got a 3 page letter from the CE, explaining how to write a report, and I was off and running; this was about 1939/1940. I DXed on/off as I was in school and away all summer at camp, and later, working in N ON. Eventually I was able to buy a Hallicrafters SX40 from Allied Radio in Chicago, brand new for about \$89.00. In the early 40's when RADEX folded, they mentioned several DX clubs, so I joined the Victory Radio Club, then the Universal DX Club, and lastly, the Newark News Radio Club, as they had a good AM log. As this is long, I'll send more later. (Thanks Don, great story! We'll look forward to the continuing radio adventure!-DWS)

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