

# DX News

*Serving DXers since 1933*



Volume 68, No. 21 - March 5, 2001 (ISSN 0737-1659)

## Inside ...

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**WTIC/KRLD Non-test ...** No change in the status of the WTIC/KRLD-1080 off-air "testing and maintainance" event on March 3/4. Mark your calendars for 0100-0200 ELT. Again, from WTIC chief engineer Jeff Hugabone: "KRLD will likely go off first at 12 AM CST, with WTIC going off at approximately 11:25pm EST and remaining off until 12:05AM." Please report what you hear during this event to your appropriate DDXD editor so that station officials will be able to evaluate what is heard during their silent times. And thanks again to both stations for their cooperation with the DX community.

**From the Publisher ...** No AM Switch again this week while Jerry is in Daytona, but look for it to return next week, most probably.

I've had a few DXN's returned recently for what I'd call "Duh!" reasons ... everything on the label was completely correct, according to what the NRC member sent to us, but for some inexplicable reason, the post office couldn't seem to deliver that particular DXN and returned it. So now is a good time to double-check your label to see if everything is 100% copacetic; if you aren't sure about your address, you can check it at <<www.usps.gov>>, which includes a complete ZIP code lookup for perhaps all but the very newest addresses, or your local post office should be able to help you out. Especially if you've had a recent 911 address update in your community, you should check to see if the address you may have been using for years

and years is the "correct" one. And should DXN stop arriving, check the expiration date, too. (Hint: Ron says that it's ALL RIGHT to renew for more than one year at a time!)

Finally, thanks again to Kermit Geary for compiling the 50-year-ago items in "DX Time Machine" and to Skip Dabelstein for providing DXN's from the '50's on up for the 25-year-ago items.

### DXN Publishing Schedule, Volume 68

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
22.	Mar. 2	Mar. 12	27.	June 1	June 10
23.	Mar. 16	Mar. 26	28.	July 6	July 16
24.	Mar. 30	Apr. 9	29.	Aug. 3	Aug. 13
25.	Apr. 6	Apr. 16	30.	Sept. 7	Sept. 17
26.	May 4	May 14			

### DX Time Machine

#### From the pages of DX News:

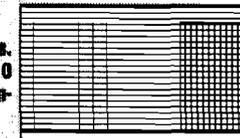
50 years ago ... from the March 3, 1951 DXN: Pat Reilley, Jamestown, NY reported a verie from Radio Dakar for a new continent and found good reception of Brazilians on 1100, 1200, 1280, and 130 kc/s on Feb. 19.

25 years ago ... from the March 8, 1976 DXN: Mark Connelly, West Yarmouth, MA, reported Dakar-764 on Feb. 15 at a "whopping" level with Arabic music using a mandolin-like stringed instrument.

10 years ago ... from the March 4, 1991 DXN: Mark Connelly, Billerica, MA, reported Dakar-765 on 2/10 with a man and woman in French and commented that the signal "should have made it to southern CA".

## 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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# Domestic DX Digest

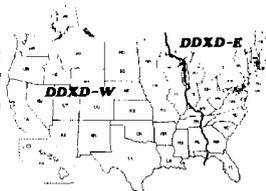
West: **Bill Hale** phantom 2@eaze.net

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

- ❑ From the back of the bus, JJR speaks: "WOW! 3 NEW ones!!! Very good, though not great NW conditions on 2/18. Here's my list of Canadians and what I've got in each province: AB:6, BC:7, MB:15, NB:3, NF:1, NS:1, ON:86, PEI:2, QU:24, SK:13. The season "ain't" over yet!!"; Comment from the radio room: "Season total now at 324 stations heard (as of Feb. 21, 2001). 73 and good DX!" - CK; plenty of room for your comments.
- ❑ One more weekly issue, then we're into the . . . Well, non-weekly schedule. So get your loggings and tips in early. Deadlines are always Thursdays, 11 days prior to the publishing date. Write that down!
- ❑ See you next issue. Keep those loggings a-coming!!



### REPORTERS

- RD-IA **Rick Dau** Iowa City Sony ICF-2010 + Quantum Loop <rdau36@yahoo.com>  
 PG-CO **Patrick Griffith** Westminster Drake R-8 + Kiwa loop <AM-DXer@webtv.net>  
 CK-CO **Chris Knight** Fort Lupton Kenwood TS440S/AT, Kenwood R-1000, GE Superadio III, + KIWA loop <swrad@juno.com>  
 GJ-CA **Gary Jackson** Sacramento FRG-8800 + Kiwa Loop  
 DKK-CA **Don Kaskey** San Francisco Drake R8a Antenna: Kiwa Loop <kaskey@jps.net>  
 CR-IL **Christos Rigas** Wood Dale Kenwood R-2000, Kowalski Loop <RigasC@email.msn.com>  
 JJR-WI **John J. Rieger** South Milwaukee Icom IC-R75 + Kiwa loop or GE Superadio III + Terk AM 1000 loop <johnjrieger@webtv.net>  
 JTR-OK **John Reed** Ponca City Sylvania R1414 with 100' wire, homebrew balanced ferrite loop, MFJ phaser <jreed@ponca.net>  
 MS-MB **Morris Sorensen** Winnipeg Drake R-8 with McKay-Dymek loop <SMosor@aol.com>  
 RS-MO **Randy Stewart** Battlefield Yaesu FRG-100; Sanserino 15' loop <jrs555t@smsu.edu>  
 JW-CO **John Wilkins** Wheat Ridge Drake R-8, 4-foot box loop <peakbagger3@juno.com>  
 Ed.-TX **Editor** North Richland Hills

### STATION NEWS & NOTES

- 540 WYLO WI Jackson - 2/22 0855 - Running // WYLL AM 1160 Chicago and using the slogan *Chicago's Word*. Three-way ID at 0900: WYLL Chicago, WYLL FM Des Plaines and WYLO Jackson/Milwaukee. When did 540 Jackson, WI become WYLO? I thought they were WZER. (CR-IL) [They reverted to their original calls in mid-February - Ed.]
- 820 WYPA IL Chicago - According to 2/22 edition of the **Robert Feder's** column in the *Chicago Sun-Times*, the station will start broadcasting **One-on-One Sports** effective March 1, 2001. The station was recently purchased by Newsweb Corp., with the plan to turn it into **Brokered Ethnic** programming, but it looks like they changed their minds. (CR-IL)
- 1160 WYLL IL Chicago - 2/16 1815 - Good, with Christian talk show. Female said *You're on 1160 WYLL*. Ad for *Volunteers of America* mentioning programs in Chicago. **Call/format change from WXRT**. (MS-MB)
- 1340 KKYD CO Denver - **Back on the air**, after being silent for about nine days. Format is now NPR/Colorado Public Radio // KCFR 90.1 FM. (JW-CO)
- 1490 WSVM NC Valdese - 2/10 1849 - Poor, with jingle: *Non-stop oldies*, WSVM. Satellite-fed oldies. Former UNID solved! Sincere thanks: **Eric Berger** and **Barry McLarnon**-ON. I also listened on three different cassettes. It was WSVM. NEW! (JJR-WI) [John - This is correct spelling of city - Ed.]

### UNIDs and UNID HELP

- 1020 UNID ?? - 2/16 and 2/17 - In well until about 1945, with satellite oldies and IDs as *Oldies 1020*. Both nights, the mystery station disappeared around 1945, which, in February, is the sunset time for KINF. Is KJKK, perhaps, allowed to stay on its day pattern until sunset in Roswell? Or did KINF pull a format switcheroo? (RD-IA)
- 1600 UNID - 2/18 0825 0834 - Fair, with weather: high of 50, low of 42. *Joy Radio - Today's Christian Music*. Satellite-fed. Stumped again. (JJR-WI)
- 1690 UNID ?? - 2/14 2151 - Heard this evening and the next two nights around this time with **Bruce Williams** until 2200, ABC News at the top of the hour, then three hours of **Jim Bohannon** starting at 2205. Now, there are only, at last count, three stations even on the air on this channel — one of those is Radio Disney from metro Denver, and another all Spanish from Roseville, CA, thus process of elimination would point easily to WPTX. However, I've never been able to bag so much as a legal ID from this mystery station, and WPTX, on the evening of 2/14, should've been broadcasting Maryland men's basketball at the time I was sitting on 1690. PLUS, I've seen WPTX shown in this steamed publication as having a nostalgia format and using the slogan "Legends 1690". So, who then, is this? Could there be a 4th station now on the air on 1690 that somehow snuck past us? (RD-IA)



### DX AND EQUIPMENT TESTS

- 560 WGAI+ NC Elizabeth City - 2/16 2341 - Weak, with high-pitched code IDs. (RD-IA)

### TIS & OTHER STUFF

- 530 WPGR291 CA near Tulare? - 2/13 1700 - Parking and road information on the Tulare Farm Show. As is 1610. 530 stronger. (GJ-CA)
- 1040 "KFSR" CA Fresno - 2/10 1903 - Fresno State University TIS, relaying NOAA weather, mentions of traffic and emergencies, blackouts on campus. Fair signal heard at Hanford, 36 miles south of Fresno. Address is: FSU, Speech and Arts Building, 5201 North Maple Ave, Fresno, CA 93740. (GJ-CA)
- 1610 TIS CA Tulare - 2/13, 14, 15 - TIS on for "The World's Largest Farm Show". Only on three days a year, so if you didn't catch it in '01, try next year. If you did hear it, the QSL address is: Paul Gonzales, Cal Trans District 6, PO Box 12616, Fresno, CA 93778-2616. (GJ-CA)
- 1610 TIS CA ????? - 2/13 0645 - Saying the Grapevine out of Bakersfield was closed, as well as Highways 99, I-5, 166 and 14 due to six feet of snow. No location given, but mentioned Cal Trans and CHP. (GJ-CA)
- 1700 TIS CA Burbank Airport - 2/15 0515-0700 - New TIS here, giving parking and terminal info. Good signal. QSL address: Rosalyn Hairston, 2627 N. Hollywood Way, Burbank, CA 91505. She will verify. (GJ-CA)

### MIDNIGHT TO MIDNIGHT ELT

- 570 CKSW SK Swift Current - 2/9 0001-0010 - Good peak, with weather forecast, then into Christian program called *Night Sounds*, call letter ID. Format is religious. QRM from KLIF, KNRS, Cuban Reloj. (CK-CO)
- 580 WTCM MI Traverse City - 2/21 2230 - **Red Wings** vs **Blackhawks** hockey live. Good. (CR-IL)
- 580 WKTY WI La Crosse - 2/18 0825 - Poor, with no usual WILL. 1-On-1 Sports, local ads, calls. Despite closeness, not that common! (JJR-WI)
- 660 KGDP CA Orcutt - 2/20 2026-2030 - With ads and ID, atop all. (DKK-CA)
- 660 CFFR AB Calgary - 2/21 0727 - With rock oldies and ID as CFR. Signal was excellent and alone, in KTNN's null. (DKK-CA)
- 720 KFIR OR Sweet Home - 2/20 0917 - Looped atop KDOWN, with ID. Into C&W song. Quite strong for a few minutes. (DKK-CA)
- 740 CHWO ON Oakville - 2/16 2359 - Very good, with swing music and ID as *Prime Time Radio*. No legal ID, however. (RD-IA)
- 750 CJVR SK Melfort - 2/18 0653 - Fair-to-poor, with long fades. Over/under WSB. Local mentions, calls, C&W. (JJR-WI)
- 800 CHAB SK Moose Jaw - 2/18 0617 - Poor, under CKLW. Country 800 C&W. (JJR-WI)

- 850 WAIT IL Crystal Lake - 2/17 1803 - Fair, with ad for a show at *The Chicago Center for the Performing Arts* featuring the music of **Frank Sinatra**. Ad for a retirement home, nostalgic music. (MS-MB)
- 880 WRFD OH Columbus - 2/12 1750 - Good, with WRFD heard during call-in program, then ad for *Deluxe Homes* in Columbus. (RD-IA)
- 880 KCMX OR Phoenix - 2/19 0300 - ID: KCMX Phoenix-Medford and into news. Had been more or less atop KKMC from 0250-0300 with talk format. KKMC back with their SS soon after. (DKK-CA)
- 890 WYAM AL Hartselle - 2/15 1940 - Good, in WLS null, with *American Family Radio*, 20 minutes before the hour . . . WYAM is listed as the only station on 890 on American Family Radio's web site (www.afr.net). (RD-IA)
- 890 KQLX ND Lisbon - 2/17 0750 - Fair, in WLS null with mention of 106.1 FM, then into *Clint Black's* C&W classic *Killin' Time*. (RD-IA)
- 900 KBIF CA Fresno - 2/19 0100 - With ID after an ethnic program that could have been American Indian. (DKK-CA)
- 900 CKBI SK Prince Albert - 2/18 0605 - Fair, with no CHML. Calls, soft AdCon.
- 920 KVEC CA San Luis Obispo - 2/19 0030 - Finished CNN News, then ID. Central Coasts News Station. Atop KSHO, with KNEW splatter less than usual. (DKK-CA)
- 930 KOGA NE Ogallala - 2/9 1914 - Fair, under WTAD, with mention of *Nebraska State Patrol* in local news. Gone, as expected, at 1915. (RD-IA)
- 940 CJGX SK Yorkton - 2/18 0640 - Fair, with station promo atop freq. GX 94 non-IDs, and C&W. (JJR-WI)
- 1020 WCIL IL Carbondale - 2/10 0759 - Fair, with *Carbondale* noted in the legal ID, but also heard what sounded like *Newsradio WJPF*. Those are, of course, the long-standing calls for the Herrin, IL station on 1340, so there's a simulcast going on. (RD-IA)
- 1020 KOKP OK Perry - 2/9 1941 - Good, with coverage of a Perry High School wrestling match. No ID was heard, and I was unsure about this until I checked Perry High School's web site which showed that its wrestling team was indeed involved in a duals match on 2/9 (and one of its wrestlers is named "Goldsberry", who was on the mat while I was tuned in). Thanks to the NRC's **John Reed** from nearby Ponca City for the help. (RD-IA)
- 1080 WKKE NC St. Pauls - 2/18 0630 - Poor, with clear calls, under WNWI's music. NEW! (JJR-WI)
- 1180 KGOL TX Humble - 2/19 2145 - Ethnic music, talk in mixture of English and unidentified language. Spots all mentioning phone numbers with 713 area code. Never heard calls or other ID, and faded at top of hour of course. Mixing with Cuban Rebelde outlet and WJNT. (RS-MO)
- 1230 WJOB IN Hammond - 2/13 1935 - Good with promo for coverage of two basketball games on WJOB: *Highland* vs. *Westside* and *Purdue* vs. *Ohio State*. Heard again on 2/17 with a high school basketball broadcast mentioning *Hammond* and *Griffith*. (RD-IA)
- 1240 WATT MI Cadillac - 2/16 1911 - Good, with *Cadillac High School* basketball pre-game show that included talk about previous games against Alpena and Ludington. Heard CLs and a mention of *Vikings*. Checked Cadillac High's website, and they are, indeed, the Vikings. (RD-IA)
- 1240 WJIM MI Lansing - 2/10 2059 - Fair, with station ID during 10-second pause on the Michigan State Spartans Basketball Network: *You're listening to . . . WJIM . . . Oldies 97.5 . . .* Heard again on 2/17. (RD-IA)
- 1250 KXTR MO Kansas City - 2/18 1900 - Classical music with ID *A Kansas City tradition, KXTR*. This isn't in the AM log or the FCC database, but the signal is strong and the ID clear. I know there is an FM station in Kansas City with this call that plays classical music. (JTR-OK) [Watch for an AM Switch near you - Ed.]
- 1260 CFRN AB Edmonton - 2/22 0250 - ID atop local KOIT, in their null. Local ads and a format that seemed to be Adult Standard or whatever its called. Old Pops like *Moody Blues* at 0253. Noted swamping KOIT from 0245-0255+. (DKK-CA)
- 1270 WMKT MI Charlevoix - 2/12 0803 - Good, with ID as *Talk Radio WMKT*, then into news stories mentioning *Petoskey* and *Northern Michigan*. (RD-IA)
- 1270 WXYT MI Detroit - 2/8 0708 Fair with *Don Imus* program. WXYT is listed as the only

**WRCO**  
AM/FM RADIO  
AM 1450 FM 100.9

- 1270 station on the Imus network. Heard the next morning with a 1270 WXYT ID during sports report. (RD-IA)
- 1270 KWEB MN Rochester - 2/19 2045 - Basketball game with call ID heard during fade out of C&W station. Last heard 9/96. (JTR-OK)
- 1270 KGNM MO St. Joseph - 2/18 2045 - Call ID, religious music then lost in QRM. (JTR-OK)
- 1270 WLIK TN Newport - 2/9 0656 - Fair, with *Swap And Shop* program hosted by female with a Southern accent. Phone number given out as 623-3095. Did some investigating on the web and found that to be WLIK's in-studio line. (RD-IA)
- 1280 WBIG IL Aurora - 2/17 0659 - Fair, with AM 1280 WBIG ID. (RD-IA)
- 1310 KRBI MN St. Peter - 2/18 1842 - Poor, thru WIBA. *KRBI-The voice of the Valley*. NEW! (JJR-WI)
- 1340 KVRH CO Salida - 2/18 1859 - Good, with dual ID by man: *KVRH/KVEZ(?)*. Over KSID, KGFV, others. Local KKYD silent. (CK-CO)
- 1340 KROC MN Rochester - 2/14 1859 - Poor, but on top briefly, with ID mentioning Rochester. Faded quickly under KWLM. (MS-MB)
- 1340 KXEO MO Mexico - 2/17 1829 - Fair with mention of *Mexico* in weather forecast, then heard CLs and talk about *Missouri's* basketball game against *Texas A&M*. (RD-IA)
- 1340 KCQL NM Aztec - 2/20 0059-0100 - Good peak at the top of the hour with ESPN sports and legal ID, ABC news. Local KKYD silent. (CK-CO)
- 1340 KWOR WY Worland - 2/19 1959 - Poor in jumble, but got legal ID on tape: *KWOR, Worland*, then ABC News. Local KKYD silent. (CK-CO)
- 1390 KSLM OR Salem - 2/16 - Sports duo discussing OSU Basketball chances. Was a local sports tele-talk show. Heard over KVIN from 1953-2003. ID at 2000: *Portland's Sports Radio 910, KFXX Vancouver and KSLM 1390 Salem*. (DKK-CA)
- 1390 WRIG WI Schofield - 2/17 0755 - Poor-no WGCI, with weather, 1390 - Big Rig, WRIG and NOS. (JJR-WI)
- 1410 KBNP OR Portland - 2/19 1053 - With nice, clear ID after local ads. Business Radio Format in much better than when I first heard them 2/15. (DKK-CA)
- 1440 WNFL WI Green Bay - 2/16 1959 - Poor, with sports talk. ID on hour as *WNFL Green Bay*. (MS-MB)
- 1450 WCEV IL Cicero - 2/13 1931 - Fair, with female announcer. . . . *a happy moment . . . on WCEV 1450*. Mention of *Cicero* in promo. (RD-IA)
- 1450 WFMB IL Springfield - 2/13 1910 - Fair, with *Lincoln, the state capitol*, and *Illinois* all heard in a TV news story that was being simulcast. On a hunch, I checked out WFMB's website, which revealed that they do simulcast WICS News Channel 20 weeknights at six. (RD-IA)
- 1450 WATZ MI Alpena - 2/18 1918 - Poor, With calls twice in promo. Popped in/out. (JJR-WI)
- 1450 WMIQ MI Iron Mountain - 2/18 1949 - Poor, with Talk 1450 WMIQ and 1-on-1 Sports. In/out of slop. (JJR-WI)
- 1450 KYLS MO Fredericktown - 2/13 1921 - Fair, with satellite oldies, including the *Herman's Hermits* version of *Wonderful World*, then an ID as *KYLS, Oldies 1450*. (RD-IA)
- 1450 KOKO MO Warrensburg - 2/17 0143 - Poor, in the clear, with AM 1450 KOKO, out of mess. (JJR-WI)
- 1470 WMBD IL Peoria - 2/15 0820 - Call ID, Peoria news and ad for *Illinois Furniture*. (JTR-OK)
- 1470 KWSL IA Sioux City - 2/10 1851 - Fair, with *Oldies 1470 KWSL* ID and *Wilson Pickett's R&B classic Land Of 1000 Dances*. (RD-IA) [I thought that was by *Cannibal and the Headhunters* - Ed.]
- 1470 KKTY WY Douglas - 02/20 0124 - Good, over KEZZ, with weather, web address for station, PSA for *Future Farmers of America*, and oldies. (PG-CO)
- 1480 KRXR ID Gooding - 2/18 0400 - ID over QRM. Just checking to see if the SS on 1480 is still KRXR. It is. (DKK-CA)
- 1490 KBLF CA Red Bluff - 2/16 2042 - Local ads for merchants in Red Bluff. Was briefly atop. (DKK-CA)
- 1540 WSMI IL Litchfield - 2/16 0745 - Good, in KXEL null, with sign-on. May have been the same station I heard the evening before with CNN Headline News. (RD-IA)
- 1550 KLFJ MO Springfield - 2/15 2045 - Travel and weather info with entertainment news

**KFNN**  
1510 AM  
FINANCIAL NEWSRADIO

- 1570 WXLN IN on *Branson Information Radio*. Signal sounded strong for 28 watts. (JTR-OK)  
New Albany - 2/16 2040 - Call ID, local high school sports news, then into basketball game. New here. (JTR-OK)
- 1580 KMIK AZ Tempe - 2/10 2001 - Fair, with ID as *Radio Disney, KMIK, Tempe . . .*, then the rest was buried by KDFD. (RD-IA)
- 1590 WALG GA Albany - 2/15 2030 - Basketball, Atlanta vs. Buffalo then faded out. (JTR-OK) [If it was Atlanta of the NBA, they couldn't have been playing Buffalo, as they don't have an NBA team - Ed.]
- 1620 KAZP NE Belleview - 2/12 2230-2302 - Good, with ESPN Sports, in // with another station on frequency (possibly KBLI) causing an echo effect. ID: *Omaha's ESPN...KAZP, Belleview*. QRM from WTAW. (CK-CO)
- 1680 WJNZ MI Ada - 2/12 2158-2204 - Good, but mixing with a Radio Disney station. Had soul music, legal ID: *WJNZ, Grand Rapids*. (CK-CO)
- 1690 KDDZ CO Arvada - 2/17 0040 - Poor, with Radio Disney, under WMDM. NEW! (JJR-WI)
- 1700 WEUV AL Huntsville - 2/9 0000 - Good, with *WEUP, Huntsville* noted in ID, then into black gospel music. Didn't hear a mention of WEUV at all. (RD-IA)
- 1700 KBGG IA Des Moines - 2/12 2305-2333 - Very good peaks, with CNN News, break at 2330 with call letter ID by woman. (CK-CO)
- 1700 KBGG IA Des Moines - 2/16 0230 - In fairly well, with ID. Then into CNN Headline News. 2/18 0348 ID: *All new 1700-K-B double G*. CNN News after ads and local promo. Was atop another who I should have stayed with. (DKK-CA)

GRAVEYARD DX UPDATE

Totals:	1230	1240	1340	1400	1450	1490	Total
Rick Dau Iowa City, IA	7	6	10	7	8	8	46

All Graveyard lists and totals are at: [www.angelfire.com/tx2/phantom2/index.html](http://www.angelfire.com/tx2/phantom2/index.html) Check it out!

**DDXD-East**

**KLIK Radio 950, Inc.**  
Covering Missouri from the State Capital with 5000 Watts  
P.O. BOX 414 JEFFERSON CITY, MISSOURI 65101 314.647.1950

I managed to get in some listening and DXing time this week but only managed to catch a few "almost-locals". Most of the week was occupied nailing down that last details of my new job (see STATION NEWS below).

In this issue we welcome the first report from Dave Twiggs (DT-CT) and an all-too-rare report from Ron Gitschier (RG-FL).

STATION NEWS

- 570 WTBN FL Pinellas Park - 02/22 - Michael Shaw, editor of DDXD-East, has joined the staff of the WFLA TV8 Tampa News Department as announcer/producer. Part of my responsibilities includes supplying three local news updates each hour in AM drive to supplement the "MoneyTalk 570" satellite business news from BusinessTalk Radio. (MS-FL)
- 1370 WVLY WV Moundsville - 02/18 1600 - On top with ID "'Sports Radio 1370', WVLY, Moundsville-Wheeling"; back to ESPN coverage of "Daytona 500". New calls and format, ex-WMJT and talk. (JF-ON)
- 1510 WSZE MA Boston - 02/16 2300 - Mixing with WLAC with ID "...50,000 watts...WSZE, Boston, AM 1510" into OneOnOne Sports stuff. Ex-WNRB. (JF-ON)

UNID, UNID HELP, PRESUMED AND CORRECTIONS

- 600 CKATp ON North Bay - 01/12 1755 - With North Bay Centennials hockey. Fairly regular hear this year. (RH-NJ)
- 800 CJADp QC Montréal - 12/31 1510 - Talk show over/under WLAD. Discussion included questions on Simpson's TV show. (RH-NJ)
- 970 WGTK — — 02/16 0800 - (NWS/TLK) Weather report; "The new AM 970, WGTK, News and Great Talk"; AP Network. Using lower side band. Looks like a call sign change. (DL/MD)
- 1000 CKBWp NS Bridgewater - 01/27 2250 - C&W music overriding WMVP. (RH-NJ)
- 1040 — QC — — 12/31 1545 - FF; male announcer C&W music in FF, ID as CGMS or CJMS. I remember FF station here from Jonquiere, PQ, but it's not in 98 NRC log. (RH-NJ)

- 1070 WCSZp SC Sans Souci - 02/08 2100-2130 - North Carolina vs. Clemson Lady Tigers basketball. At 2112, ad for "your Carolina Ford Dealers". In partial WKOK null. Was certainly on day power as game was over at 2130 and signal gone. Likely this instead of WNCT or WGOS. (SK-PA)
- 1150 CJRCp QC Gatineau - 12/31 1550 - FF, male announcer; news broadcast. (RH-NJ)
- 1270 CFGTp QC Alma - 02/09 2045-2105 - With country music in tight WXYT null. Can make out the music; not the singing. French announcer at 2100; couldn't make ID. Tough through lots of noise only in the null. (SK-PA)
- 1470 WMBDp IL Peoria - 02/12 2059 - End of the Jim Molinari Show about Bradley basketball. Slipped over the black Gospel station I wanted to ID; got them nulled but missed the ID. (SK-PA)
- 1540 WSMI IL Litchfield - Is a good possibility for Steve Kennedy's UNID from January 20th (issue #6818). WSMI does have a sister station on 106.1, even though it's shown as being a country station...but you never know. It may have switched to oldies by now. (RD-IA)
- 1600 UNID — — 02/08 1900 - End of ID "AM 1600, all news all the time", then CNN News. I'd be shocked if this was KIVA. (SK-PA)
- 1630 KCJJ IA Iowa City - I wanted to write to clear up the confusion surrounding David Larrabee's logging of KCJJ-1630 in DX News Issue [68]15 [Actually, 6814 - MS]. What he would have heard was "KCJK Iowa City" in a female voice, followed by "KCJJ Iowa City-Coralville-Cedar Rapids" in a male voice. To put the confusion to rest once and for all, the official calls for the 1630 station are KCJJ, and the calls for 1560 are KCJK. Why the 1560 station is even on the air, however, remains a mystery to me. I'm convinced that its sole purpose of being on the air is to make sure that those very few folks in Johnson County and surrounding areas who don't yet own radios that go past 1600 kHz can still hear KCJJ's programming. (RD-IA)

DX AND EQUIPMENT TESTS

- 560 WGAI NC Elizabeth City - 02/16 2330-2355+ - Good at times on DX Test with code IDs and jingles. (JF-ON)
  - + - 02/16 2333 - Code IDs a-plenty at both high and low pitches. (SF-TN)
  - + - 0218 0100-0200 - Test heard in Jacksonville, Florida (Mayport Naval Station). Consisted of several minutes of Morse code. Miami WQAM semi-dominant with ESPN programming, code punched in through really well. Did not hear jingles or music CD that was on from 0130. Called station; chief engineer/operations manager Bob Carter stated he was using his night facility, 500 watts directional. Good catch, sold me all the more on the use of Morse Code IDs for tests—it really stood head and shoulders above the mud. At 0231 WQAM 560 is dominant with ESPN programming. Thanks, Bob for running the test. (RG-FL)
  - + - 02/16 2358 - Code ID (— —. - - .) heard under monstrous pest CFOS. (MKB-ON)
  - + - 02/16 2333+ - No problem hearing this one—the code was audible almost immediately after I tuned in, and I could hear it more or less continuously until midnight. It varied in slow fading from barely discernable to "arm-chair copy". On a few occasions I noticed a more abrupt change that I thought could have been a power/pattern change. The text of the code message was TEST DE WGAI (five times) ON 560 kHz IN ELIZABETH CITY, NC TEST DE WGAI (five times). I also heard some musical WGAI IDs. Just a few stations, such as CFOS and WFIL, competing, plus a loud het from Spain on 558! (BM-ON)
  - + - 02/16 and 02/17 2335-0028 - Poor on test under WHYH/WGAN with long periods of code IDs; nothing else noted. (RA-MA)
- 1280 WFBS PA Berwick - 02/17 0005-0030+ - Poor in mess with several code IDs and one possible "Smile Radio" jingle heard. New! (JF-ON)
  - + - 02/17 0000-0200 - Not heard. (SF-TN)
  - + - 02/17 0014 - Heard intermittently over the next hour; only the Morse code IDs came through. (AR-ON)
  - + - 02/17, 0057-0130 - several code IDs (— —. - - . . . .) at varying speeds and





pitches. One voice ID noted at 0130; otherwise buried by WADO and CFYZ. (MKB-ON)  
 + - 02/17 - This was much tougher. 1280 was a graveyard-like jumble, with only WHTK in Rochester NY standing out of the crowd. However, I heard bits of the WFBS code ID at around 0020-0021, and again at 0041-0043. The call letters were repeated many times with two different tone frequencies—the higher of the two cut through the noise better. I also heard some oldies (e.g., "Honeycomb" by Jimmy Rodgers, and a Buddy Holly tune), but I have no idea whether they came from WFBS. As always, thanks to everyone involved for running the tests! (BM-ON)  
 + - 02/17 0030-0100 - Fair to good mixing with WADO/CFMB with weak code IDs at varying pitches at 0042 and again at 0058-0100. Voice and singing IDs at 0100. "This is WFBS Berwick...". Mention of Susquehanna Valley, singing ID; some very weak music at times. Oldies? Thanks for running test, Dave! (RA-MA)

## STATION LOGGINGS

- 540 **WWCS PA** **Canonsburg** - 01/04 2215 - Radio One with rare doo-wop oldies. Called them at 724-745-5400 and got on with announcer. They were amazed I was getting them in northernmost NJ. First catch with new Grundig Millennium. (RH-NJ)  
 + - 02/09 2115-2127 - Heard Radio Disney, then at 2127 a few moments of dead air and "Your 24-hour station of the nations, 540 WWCS" and into Spanish song. Getting ready to change? On 02/12 2000, ID by adult male "Radio Disney Pittsburgh, WWCS Canonsburg/Pittsburgh". (SK-PA)
- 580 **WTAG MA** **Worcester** - 02/09 2259 - End of PSA, then "When the snow hits the fly, the WTAG snow...", then smothered by WHP. (SK-PA)
- 600 **CKAT ON** **North Bay** - 02/18 2230-2305 - Canned country program "The Road", top of hour ID "North Bay's best country CKAT"; weather report. (DT-CT)
- 620 **WTMJ WI** **Milwaukee** - 02/12 2325 - Heard in mix; laser, then "...on NewsRadio 620 WTMJ". (SK-PA)
- 630 **CFCO ON** **Chatham** - 01/28 2229 - "Classic Gold CFCO"; Jennifer Warnes' "There Ain't No Time For Love" and James Taylor's "Fire and Rain." (RH-NJ)
- 640 **WMFN MI** **Zeeland** - 01/10 1707 - ID as "New Cook Radio." Ads for various local businesses with 616 area code. Couldn't copy down more detail as I was driving to store at the time. (RH-NJ)
- 780 **WWOL NC** **Forest City** - 02/11 1759 - Ending "Outreach" program from a church in Forest City. Strong then fade. (HJH-PA)
- 810 **WHB MO** **Kansas City** - 02/17 2205 - ID as "...on SportsRadio WHB". Signal faded up to fair for ID. Post-game show for UMKC vs. Youngstown State basketball game; commercial for Tony Kornheiser shoe. ESPN affiliate. New. (BK-PA)
- 820 **WBAP TX** **Fort Worth** - 02/16 2339 - Fair at times through an UNID relaying WTOP. Dallas Stars vs. Ducks game. Numerous IDs. (HJH-PA)
- 830 **WCCO MN** **Minneapolis** - 02/12 2100 - "WCCO Minneapolis; traffic and weather together on the eights. You get CCO weather coverage every 10 minutes. CCO Radio part of the Affinity Family of stations"; CBS News; "...on Minnesota's 830 AM WCCO". Dominant on the top of each hour through 0700. (DL/MD)  
 + - 01/28 0625 - Discussion of green tea and its benefits. "CCO Radio, part of the Infinity Radio Network"; news. Atop WEEU and CFJR. (RH-NJ)
- WEEU PA** **Reading** - 02/13 1930-1945 - John Denver, then "...on the soft touch on WEEU"; "This is the voice of Berks County, WEEU". (DL-MD)
- WTRU NC** **Kernersville** - 02/14 0800 - (REL) "Broadcasting the Good News of the Gospel from high atop Rock (?) Mountain this is eight-thirty WTRU, Kernersville, Greensboro, High Point, Winston Salem"; News. (DL/MD)
- 840 **WKDI MD** **Denton** - 02/13 1100 - (REL) "This is the Ministry Station AM eight-forty WKDI, Denton, Wilbur(?), Annapolis. A Positive Radio Group station"; program 'Politics and Religion' follows. Watched at the top of the hour all day, no news. [Watched? - MS] (DL/MD)
- 850 **KOA CO** **Denver** - 02/16 2351 - Fair at times with ad for car dealer. Slogan "The 50 thousand watt Voice of the West"; "Colorado's No. 1 News Team". (HJH-PA)  
 + - 02/01 2207 - Ads for Viagra and Airport Chevrolet, talk show on golf

- greats; other Colorado ads. Clashing with WRMR (First time here; have gotten KOA in Seattle, San Diego, San Francisco, Nashville and Dallas). (RH-NJ)
- 860 **WTAR VA** **Norfolk** - 01/25 1706 - News, ID, mention of Fox 43 News. (RH-NJ)  
**WOAY WV** **Oak Hill** - 02/17 0908 - Program hosted by Beverly LeHay, then weather report for Fayetteville area. "Good morning from WOAY" (RJ-NC)
- WWDB PA** **Philadelphia** - 02/12 1646 - "...right here Monday through Friday on Philadelphia's MoneyTalk Radio". Very fuzzy. That REL format didn't last long. (SK-PA)
- 910 **WABI ME** **Bangor** - 01/29 2210 - "Keep...dial on AM 91 for latest info". Oldies: Earl Grant's "The End", Brenda Lee's "Emotion" and Dean Martin's "Send Me the Pillow That You Dream On". (RH-NJ)  
**WAVL PA** **Apollo** - 02/12 1800 - End of program with "family" in the title. Live announcer mentioned times for a few programs and "910 on the AM dial, WAVZ, Apollo, PA". Then short sign-off giving only calls, frequency, City of License and power. Got very clear for sign-off. (SK-PA)
- 940 **WKGM VA** **Smithfield** - 02/03 0818 - Black religious show with songs; mention of Smithfield. (RH-NJ)
- 950 **WPEN PA** **Philadelphia** - 02/14 0500 - Faded up from Radio Reloj co-channel: "...and now the weather on WPEN..."; Radio Reloj consistently poor copy all night at the top of each hour with no real stateside stations taking part from this vantage point. (DL/MD)  
**WSPA SC** **Spartanburg** - 02/15 0200 - "Here's a page from the WSPA community calendar"; Spartanburg area events announcements. "South Carolina's first radio station...for 70 years. This is the voice of Spartanburg, AM nine-fifty, WSPA"; CBS News. Radio Reloj tick in the background. (DL/MD)
- WCTN MD** **Potomac** - 02/15 1000 - (REL) "AM nine-fifty WCTN, Potomac". (DL/MD)
- 960 **WFIR VA** **Roanoke** - 02/15 2400 - (NEWS) In co-channel: "...nine sixty WFIR...News Station..."; CBS News. (DL/MD)
- 970 **WFSR KY** **Harlan** - 02/16 0200 - (GOS) Faded up out of nowhere: "This is Southeast Kentucky's home to the best Gospel Music, WFSR AM Harlan, home of southern gospel". Using lower sideband to clear 980 and WTEM. (DL/MD)
- WBGD PA** **Pittsburgh** - 02/16 0500 - (SPT) "Pittsburgh's new number one sports radio station, WBGD AM, Sports home of the Steelers and the Penns, SportsRadio 9-70 'The Burg'"; "This is the FOX Sports Radio Network". (DL/MD)
- 980 **WTEM DC** **Washington** - 02/18 1200 - (SPT) "Sports Radio, WTEM nine-eighty, Washington"; ESPN. (DL-MD)
- 1040 **WYSL NY** **Avon** - 01/30 2211 - ID "1040 WYSL"; ad for financial services seminar in Corning Radisson Hotel. (RH-NJ)
- 1070 **WSCP NY** **Sandy Creek-Pulaski** - 02/10 1904 - Live announcer "This is the country request show. Give us a call", but he didn't give the number. At 1914 canned ID "This is WSCP 101.7 FM, 1070 AM". In partial WKOK null. Only second time heard; stayed on late then, also. (SK-PA)
- 1090 **CKKW ON** **Kitchener** - 02/11 0134 - After John Lennon song, "Great songs; great oldies. Oldies 1090". (WM-MD)
- 1160 **WYLL IL** **Chicago** - 02/11 0830 - ID and slogan: "This is Christian talk radio for the new millennium, WYLL, Chicago's word". (MKB-ON)
- 1180 **WHJN TN** **Knoxville** - 02/10 2051 - Canned ID "Part of the Music Of Your Life, 1180 WHJN". At 2122 "Bing, Frank (etc.). All the ingredients for the Music Of Your Life. 1180 WHJN". WHAM totally nulled. (SK-PA)
- 1240 **WBCF AL** **Florence** - 02/07 1953 - Sounded like a live remote "...on WBCF", then a canned ID "AM 1240 WBCF". Maybe them with basketball; shot up in jumble. (SK-PA)
- 1260 **CKHJ NB** **Fredericton** - 02/16 2308 - "Big Country KHJ" ID with a poor-to-fair signal. Country music with Travis Tritt's "You Don't Love Me Anymore". Formerly CIHI, new. (BK-PA)
- 1280 **WFAU ME** **Gardiner** - 02/17 0008 - During the WFBS TEST period I stumbled across this new catch, fading in and out, with much noise. Nostalgia music from the 50's and 60's (such as Buddy Holly and Herb Alpert) and occasional ID's through to fade-out at 0100. (AR-ON)
- 1300 **WZZZ NY** **Fulton** - 02/12 1806 - Strongest in mix; "1300 WZZZ, Oswego County's \_\_\_\_". Start of motor racing program spon-

- sored by Oswego Speedway; several other businesses in Oswego. Where is WJFK? (SK-PA)
- 1320 WTKZ PA Allentown - 02/12 1453-1505 - Bassy-voiced *La Mega* ID followed by *La Mega* jingle. At 1505 three-station ID given in Spanish. Mostly steady and alone but tough due to heavy electrical spikes. Strange...when they used 5,000 watts I never heard them. Out of a big jumble. (SK-PA)
- 1360 WWWJ VA Galax - 02/14 0755 - Local ad for Subway, followed by "3WJ Virginia Tech trivia question of the week". QSLed as WBOB in 1979. (MKB-ON)
- 1380 WABH NY Bath - 02/18 1738 - Alone on east wire with oldies music and ID "Oldies 1380", WABH, it's a million dollar weekend". Ex-WFSR for me (heard and verified on FC in Feb 1972). (JF-ON)
- CKPC ON Brantford - 01/10 1840 - Instructions for Christmas tree disposals in City of Brantford, followed by ID and Christopher Cross' "Sailing". (RH-NJ)
- 1410 WHAG MD Halfway - 02/18 1000 - "This is WHAG, Halfway, Maryland..."; ABC Network. (DL/MD)
- KQV PA Pittsburgh - 02/18 2015-2045 - "Keep that dial on KQV"; Radio Play with co-channel. (DL-MD)
- 1420 WACK NY Newark - 01/22 0640 - ID "WACK-1420" followed by Jimmy Buffett's "Changes in Latitude". (RH-NJ)
- 1450 CHUC ON Cobourg - 01/29 1708 - News, ID; Rod Stewart's "This Old Heart of Mine". (RH-NJ)
- 1470 WLMC SC Georgetown - 02/12 2055-2136 - Black Gospel music until 2115, ten minutes of church announcements, then "1470 WLMC"; more music. At 2136 ad for business in Georgetown; message for St. Paul's Church. A tough job nulling both WKAP and WMBD. Most of the talking sounded like mumbling. (SK-PA)
- 1480 WADR NY Remsen - 01/22 2316 - OneOnOne Sports; ID as WRNY-1350 (Rome, NY). (RH-NJ)
- 1460 WGNA NY Albany - 02/18 0700 - In heavy co-channel at 30 seconds before the top of the hour: "...at WGNA...". (DL/MD)
- WMBA PA Ambridge - 02/18 0700 - Sudden loud audio over WGNA's weaker audio: "This is 12-30 WBVT Beaver Falls, and 14-60 WMBA, Ambridge"; back into co-channel. (DL-MD)
- 1500 WEAC SC Gaffney - 02/17 1800 - C&W music. ID at top of hour "WAGI 105.3 FM and WEAC 1500 AM". In WTOP null. (RJ-NC)
- WGHT NJ Pompton Lakes - 02/12 1623 - Weather "...on 1500 GHT", then Madonna's "Crazy For You". That's not considered an oldie in my book. Under WTOP. (SK-PA)
- 1550 WAZX GA Smyrna - 02/17 0942 - SS call-in show co-hosted by male and female; mention of Jimmy Carter Blvd. Very strong in WBFJ null. (RJ-NC)
- 1570 WISP PA Doylestown - 02/08 2300 - ID "...proclaimed by the Holy Spirit. WISP 1570 AM, Doylestown, Trenton, Philadelphia". In partial WPGM null; went over the black Gospel station I wanted to ID. (SK-PA)
- 1580 WVKO OH Columbus - 02/13 1754 - Topping WPGC with "The WVKO information update"; local news read by woman. (MKB-ON)
- WLIM NY Patchogue - 02/15 2400 - Standards-type music into news. Somewhat fair-to-poor signal; ID'ed as "WLIM Patchogue Long Island". New. (BK-PA)
- 1600 WBLY OH Springfield - 02/14 1920 - Surfaced over WAAM with promo for "NASCAR Raceline Radio, on 1600 WBLY"; into talk on upcoming Daytona 500. (MKB-ON)
- 1610 KALT TX Atlanta - 02/15 0700 - Alone on frequency with top of hour ID "AM 1610 KALT, Atlanta News-Talk", into extended infomercial for American Breakthrough "lightning-reading" program, which they claimed to be many times faster than conventional speed-reading. (MKB-ON)
- + - 02/16 0058 - Poor signal with ID after a talk show. ID'ed as "KALT Atlanta/Texas". After news at midnight heard a better ID and nice and slow "K-A-L-T". New. (BK-PA)
- 1640 WKSH WI Sussex - 02/19 2215-2230 - Spiritual classics readings and gospel songs, bottom of hour ID "WKSH 16-40" followed by reading from Genesis 34. (DT-CT)
- 1660 WQSN MI Kalamazoo - 02/19 2251 - Talk about "Black Sunday" death of Dale Earnhardt;



ID as "AM 16-60 WQSN". (DT-CT)

- 1700 WEUP AL Huntsville - 12/13 1725-1735 - Two men, one Brother Lou, talking sports then spiritual music. ID as "WEUP, Music Of Your Life"; later as "AM 1600 WEUP" (sorry, missed this one in my previous report). (RH-NJ)
- + - 02/19 2130 - Bottom of hour ID "WEUV [WEUP, according to 21st NRC Log - MS] playing the music of your life", then into southern jazz; not "Music Of Your Life" network though. (DT-CT)

#### TIS, HAR AND MISCELLANEOUS

Mike Hardester (MH\*NC) sends us this report:

Some time ago, I sent y'all a log of a TIS on 1620 with National Weather Service (NWS) programming. Locally, on 530 and 1610 kHz, there are two HAR stations onboard Camp Lejeune that rebroadcast the NWS station at Newport, NC, except during emergencies. Now, to update:

- 1620 HAR - - - - - 02/16 1445-1500 - UNID HAR with rebroadcast of NWS programming, by man, not // to local 530 or 1610 HARs operated by Camp Lejeune Marine Corps Base (this during periods when Camp Lejeune's stations were broadcasting operational information). Level only strong enough to identify type of programming. Noted at sufficient level to confirm that it was not // 530 or 1610 kHz. Still with periods of deep fades. Remains a mystery. (MH\*NC)

- 1640 HAR - - - - - 02/16 1445-1500 - UNID HAR with National Weather Service rebroadcast during the same period as 1620 UNID above but with weaker signal. Fading pattern not the same as 1620 HAR. Strong enough at times to determine that it was National Weather Service programming. Observation: 1650, WHKT VA Portsmouth weak but steady, which is normal most days. 1690 WPTX MD Lexington Park not audible, though occasionally is heard during overcast/rainy days such as on 02/16. Without access to current HAR operations by military bases, a bit tough to speculate just who is on 1620 and 1640. (MH\*NC)

- 1680 WTIR FL Winter Garden - 02/19 2101 - "TIR weather center" report, ad for "historicarm.com". (DT-CT)
- + - 02/20 0013-0018 Brief information on manatees; "I4 on the fours" traffic information; ad for historicfamilies.com in Kissimmee, "Here's an FDOT bulletin exclusively on TIR" with I4 closing information; weather "sponsored by Holy Land Experience"; "AM 1680, TIR". (MS-FL)

KTCR

#### REPORTERS

- RA-MA Ray Arruda Acushnet - Drake R8A and dipole; Drake SW8 and Quantum Loop.
- MKB-ON Mike Brooker Toronto - Panasonics RF-2200; RFB-45.
- RD-IA Rick Dau Iowa City - UNID help.
- AR-ON Andy Rugg Cornwall - Hammarlund HQ-180AC and Quantum Loop.
- 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.
- SF-TN Steve Francis Alcoa - Radio Shack TRF; Select-A-Tenna.
- RG-FL Ron Gitschier Jacksonville - GE Superadio III and Radio Shack DX 398; both barefoot.
- MH\*NC Mike Hardester about 10 miles outside of Jacksonville - Toyota Camry radio.
- RH-NJ Rich Harrison Hewitt - Bose Wave Radio; Grundig Satellit 3400 and Millennium 800; Select-A-Tenna.
- HJH-PA Harry Hayes Wilkes-Barre - Zenith Trans Oceanic; Kiwa pocket loop.
- RJ-NC Russ Johnson Lexington - Sangean 803A; Quantum QX Loop.
- SK-PA Steve Kennedy Coal Township - GE SuperRadio III; indoor wire.
- BK-PA Bob Klinger New Cumberland - Sangean AT5505; Radio Shack loop antenna.
- DL-MD David Larrabee Columbia - ICOM R8500 and IC706; loop and long wires.
- DL/MD David Larrabee Columbia - Unattended AMRAD LF-modified Ten-Tec RX-320, long wire; running KF50J RX-320 controller gathering timed samples at the top of the hour.
- WM-MD William McGuire Cheverly - DX-398.
- BM-ON Barry McLarnon Ottawa - JRC NRD-525, one-meter loop; inverted-vee.
- MS-FL Michael Shaw Palm Harbor - SONY ICF-2010, Radio Shack DX-392 and DX-399; Radio Shack loop.
- DT-CT Dave Twiggs Bristol - Yaesu FRG-7; Terk Loop.

# International DX Digest

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

A short column this week, as I had to finish it four days earlier than usual. Excellent LW conditions the last few nights, some strong enough to enjoy at near local level. Now, off on a short vacation!

We have two interesting DX'ing Memories and a dream travelogue to follow this week's reports.

## TRANS-ATLANTIC DX

- 153 ALGERIA RDif Sonore, FEB 13 0039-0050+ - Presumed with high-pitched vocal music. Voice after song too buried to confirm if AR. This is the 1st time I've gotten audio on this LW frequency only from MI. 162, 189 & 252 always show up first but nothing there tonight. Very poor. [Frodge-MI] FEB 18 0353 - strong with live concert of Middle Eastern-style music. Had call to prayer at 0503 recheck. Good signal. [Wolfish-ON]
- 153 GERMANY Deutschlandfunk, Donebach, FEB 18 0403 - underneath Algeria with pop music. Parallel to a weak signal on 207. [Wolfish-ON] FEB 18 0503 - German news // 177, although 177 moves on to music after the news, while 153 stays with talk. At 0509 I heard "Deutschland" mentioned. Algeria is ually dominant. See 207 item below. [Renfrew-NY]
- 162 FRANCE France Inter, Allouis, FEB 17 2040 - first LW signal noted today, with some kind of sports play-by-play. Was audible with strong signals all evening until at least 0650, including 0332 when they were playing music by Leonard Cohen. [Wolfish-ON] FEB 10 0631 - Woman with talk in FF. [Braun-DE]
- 177 GERMANY DeutschlandRadio Berlin, Oranienburg, FEB 18 0125 - German announcer playing jazz music. Fair signal. Later in the evening, Europe Un on 183 had a strong signal than DLR's on 177. [Wolfish-ON]
- 180 TURKEY TRT Polatli, FEB 18-19 2340-0003, This frequency is usually awash with Euro #1 183, but tonight noted with Middle Eastern vocals, four short and one long pips at 2400, and what sounded like "Radio Bir" by a woman. The EMWG says this is TRT4, and the WRTH says this is TRT2 Radio Iki, so am I mistaken in having heard TRT1 Radio Bir? I have a tape of this which I'll bring over to the retired Turkish doctor here in Byron. [Renfrew-NY]
- 183 GERMANY Europe Un, Saarlouis, FEB 17 0240 - good signal with phone interview in French. [Wolfish-ON] FEB 10 0630 - Talk by woman in FF. [Braun-DE]
- 189 ICELAND RUV, Gufuskalar, FEB 18 0122 - good signal with music by Bruce Springsteen. [Wolfish-ON] FEB 10 0614 - Walk by woman in UNID language, perhaps Iceland due to conditions at time. [Braun-DE]
- 198 ALGERIA Alger Chaîne 1, FEB 20 0445 - at first I was studying the BBC signal because a slight "fuzziness" indicated synchronized transmitters, but then I noticed a vocal piece that was the same as was being played on 153 kHz. Very weak, but clearly parallel. The 153 program had 5 low and one high pip at 0500:15, following the German station's pips which were dead-on. [Renfrew-NY]
- 198 UNITED KINGDOM BBC Droitwich etc., FEB 8 0334 - Fair with BBC man and woman in discussion. [Dangerfield-PA] FEB 18 0326 - fair signal parallel to 5975 and 6175 with cricket scores. [Wolfish-ON]
- 207 GERMANY DLF Alhoming, FEB 18 2330 - German news clearly // 153, mostly under the Morocco station. FEB 20 0345 - classical music, then news at 0400, end of news at 0405:45 seemed to give program title as "... informacion ...", talk followed, ID included mention of "Deutschlandfunk" at 0500 with three short and one long pips. All parallel to 153. [Renfrew-NY]
- 207 ICELAND INBS Eidar, FEB 18 0423 - poor to fair signal with music by Everlast and Chicago. QRM from Morocco. Parallel to 189, but 189 was much stronger. [Wolfish-ON] FEB 20 0428 - distinct delta blues guitar // 189 noted in the Germany/Algeria mess on this frequency. Not easily heard at all, but that guitar piece made it through. On 189 news began with ID "Utvarp Reykjavik" at 0430, return to music at 0435. I didn't think 207 was still on the air, but Niel's report tipped me to it. [Renfrew-NY]
- 207 MOROCCO Azilal, FEB 18 0147 - man in Arabic and Middle East-



- ern style music. Poor signal. [Wolfish-ON]
- 216 MONACO Radio Monte Carlo, Roumoules, FEB 18 0328 - with IS and ID as "Radio Monte Carlo" in French.... Played a orchestral version of their interval signal followed by a news-cast read by a woman at 0400 and then music by Bruce Hornsby & The Range. [Wolfish-ON]
- 216 UNID, FEB 18 0437-0533 - This one was under the Monaco station, with a man and woman talking. It was hard to identify the language, and the only only station listed is an inactive Russian station. I searched around for Russian shortwave parallels to no avail. Does anyone know who this might be? FEB 20 0503 - the second signal noted again tonight around this time, but not noted when sought during the previous hour, so maybe it signs on at 0500? Niel says it almost sounds like FF, and I am tempted to agree with him, although no distinct words could be heard. [Renfrew-NY] FEB 18 0535-0610 - second station here under Monte Carlo. Talk by a man and a woman, but not sure of language. Almost seemed like it was French to me. [Wolfish-ON]
- 225 POLAND Polskie Radio, FEB 18 0450 - weak with talk by man and a woman. [Wolfish-ON]
- 234 LUXEMBURG Junglinster, FEB 8 0417 - Good. Woman in FF, pop vocal. This station was a favorite of mine during the Battle of the Bulge in 1944 while it was still in German controlled territory. [Dangerfield-PA] FEB 18 0300 - Noted with man reading news in French. Noted later at 0510 with music by Moby, the Police and "Eye of The Tiger" by Survivor. Poor to fair signal. [Wolfish-ON] FEB 10 0616 - Presumed with man and woman talking in FF, sounded like an ad? [Braun-DE]
- 243 DENMARK Danmarks Radio, FEB 18 0433 - appeared at listed sign-on time in 2000 WRTH with several minutes of classical music... Man speaking in Danish at 0446 recheck. Poor signal, but rarely heard here. [Wolfish-ON]
- 252 ALGERIA R. Alger, Tipaza, FEB 15 2240 - Fair. Woman in FF. No sign of Ireland. [Dangerfield-PA] FEB 18 2248 - tentative, way stronger than Atlantic 252 in FF, but faded before ID time. [Renfrew-NY]
- 252 IRELAND Atlantic 252, FEB 18 0534 - Music by TLC and Eminem. ID "that's the end of 12 in-a-row on Atlantic 252". Good signal on top of the Algerian. [Wolfish-ON]
- 270 CZECH REPUBLIC Cesky Rozhlas, FEB 18 0439 - Weak with talk by a man in what I assume was Czech. Tried to catch an ID at top of the hour, but couldn't pick one out. Sounded like a news cast at 0500. [Wolfish-ON] FEB 18 2252 - noted for the first time with weak talk under strong NDB interference. FEB 20 0342 - "Just Another Magic Monday" American pop tune, male DJ, phone caller also; faded to a much weaker level throughout the next hour. [Renfrew-NY]
- 549 ALGERIA Chaîne 1, Les Trembles FEB 17 0310 - Good; string music and vocal parallel 153. [Conti-NH]
- 567 IRELAND RTE Radio One, Tullamore FEB 17 0325 - Fair; jazz instrumental, brief announcement in English, and blues vocal. [Conti-NH]
- 585 SPAIN RNE Madrid FEB 17 0335 - Good; conversation in Spanish and pop vocal. [Conti-NH]
- 594 SAUDI ARABIA Duba, FEB 17 0327 - Weak. Man chanting in AA, // to 1521 [Dangerfield-PA]
- 612 MOROCCO Sebaa-Aioun, FEB 17 0246 - Good-briefly with male vocal in AA [Dangerfield-PA]
- 675 NETHERLANDS Lopik, FEB 10 0252 - Fair. Pop song, female vocal. [Dangerfield-PA]
- 783 MAURETANIA Nouakchott, FEB 13 2327 - Good with Mauretanian local music, strings, etc, and announcements in AA. This one heard most nights, // of course, SW 4845. Sign off 0100. [Dangerfield-PA]
- 837 FRANCE Nancy, FEB 14 0428 - Fair with Radio Bleue easy listening music and a fem announcer in FF. And // to the other Bleue stations including 864, 1206, 1377, and 1557. [Dangerfield-PA]
- 846 ITALY Rome, FEB 10 0328 - Fair. Man in Italian with end of news. [Dangerfield-PA]
- 891 ALGERIA Algiers, FEB 17 0237 - bits of female Arabic vocal noted. Poor. [Wolfish-ON]
- 1062 DENMARK Kalundborg, FEB 8 0422 - Fair despite KYW. Man in Danish [Dangerfield-PA] FEB 10 0553 - Presumed with bits of man talking in UNID language in heavy KYW sloop. First time this one has had audio here. [Braun-DE]
- 1089 ENGLAND Talk Sport synchros FEB 17 2303 - Excellent! "...and that's the latest. More news and sport at midnight," followed by talk show intro, "On 1089 and 1053 AM, Tommy Boyd on Talk Sport," significant echo



- 14 indicating reception of more than one of the synchro stations. [Conti-NH]
- 1098 SLOVAKIA Slovensko 1, Velke Zaluzie FEB 17 2306 - Good; easy listening instrumental, then discussion between a man and woman in Slovak. [Conti-NH]
- 1179 CANARY ISLANDS Santa Cruz [presumed] FEB 10 2143 - Good briefly, Spanish type music with male vocal. I think this was Santa Cruz as others in that part of the world were in then, but nothing from mainland Spain. When I first spotted the het I thought it would turn out to be Sweden, so far unheard here this season. [Dangerfield-PA]
- 1188 UNID FEB 13 0104 - Man in Unid language, briefly. Think possibly the Hungarian as the signal was very sharp as it has always been when picked up here. Did get Morocco here once. [Dangerfield-PA]
- 1206 RANCE France Bleu, Bordeaux FEB 17 0300 - Good; 1980's Kajagoogoo hit "Too Shy," then France Bleu jingle into a romantic French vocal. [Conti-NH]
- 1314 ORWAY NRK Kvitsoy FEB 10 2250 - Excellent; man in Norwegian and folk music. FEB 17 2245 - Fair; usual rock/pop/folk music mix, not nearly as strong as in previous weeks despite good transatlantic reception conditions. [Conti-NH] FEB 10 0602 - Booming in with usual female talk, presumed news, and then pop-type female vocal. [Braun-DE]
- 1341 NORTHERN IRELAND BBC R.Ulster, Lisnagarvey FEB 18 0020 - Poor; BBC sports news parallel 198, as transatlantic signals dropped off considerably from earlier this evening. [Conti-NH]
- 1377 FRANCE France Bleu, Lille FEB 18 0015 - Good; French vocal parallel 1206, dueling hets from 1380 domestics and St. Pierre on 1375. [Conti-NH]
- 1386 KALININGRAD (RUSSIA) LBH Radio, Bolshakovo FEB 17 2357 - Fair; Heatwave "Boogie Nights," then an announcement in British-accented English and hits by Phil Collins, Chicago, and Elton John. [Conti-NH]
- 1422 GERMANY DLR Heusweiler FEB 17 2345 - Good; woman in German and lounge music parallel 153. [Conti-NH]
- 1512 BELGIUM Wolverton, FEB 11 2239 - Good. Men and a woman in discussion in EE. [Dangerfield-PA] FEB 17 2300 - Good; "From studios in Hilversum, Holland, this is... Radio Netherlands. This broadcast is to Europe on satellite and mediumwave, and worldwide via the Internet," and news in English. [Conti-NH]
- 1530 VATICAN CITY, FEB 11 2301. Over WSAI with man in Italian. Vatican IS at 2305. [Dangerfield-PA]
- 1548 RUSSIA Voice of Russia, Grigoriopol FEB 17 2220 - Tentative; woman in Slavic language, piano instrumental, briefly good signal fading to nil by 2230, VOA Kuwait is supposed to be in English 2100-0300 so VOR is my best guess. [Conti-NH]
- 1548 KUWAIT VOA Kuwait City FEB 17 2325 - Fair; report in English from Hollywood, then "Many of our local FM and mediumwave affiliates are about to take a two-minute break. You're listening to VOA News Now" and instrumental music. [Conti-NH]
- 1557 FRANCE Nice, Very good, with soft music. Radio Bleue program. Best outlet that night. [Dangerfield-PA]
- 1584.65 CEUTA RadiOle, Ceuta FEB 17 2240 - Good; Spanish pop vocal over het from SER Spain on 1584. [Conti-NH]

*Jim speaks:* "The Internet is filled with reports (well, at least a few) about excellent TA conditions. It would sure seem so with some of unusual LW stations I've heard. Even so, the only MW TA's noted were weak audio on 684 and a het on 1521. This just in: a man speaking on 1134 at 0139 UTC, but I have to leave (I'm coordinating a movie marathon for Presbyterian teens tonight from 11 PM until dawn!)"

*Ben speaks:* "Since returning from my South American trip on 2-7 I have found TA reception considerably improved from the months of November, December and January, though still not as good as previous years. And, as others have noted, the LWs have improved more than the MWs. Of course, I know I could do much better than this on LW if I had longer wires, but I haven't the room. As for the MW band, the good signals have been scattered all over, but there have been few good high band openings. The big guys like 684, 1089, 1134, 1314 and 1521 have been pretty consistent, and most of the French Bleues, but the smaller Spanish stations are not like they were. Italy has been poor. None-the-less, I had signals from 60 TA frequencies last night [2-16] and have averaged about 35 to 45 frequencies per night during the past 10 days. And of the 60 frequencies heard last night almost half had some kind of



**Onda Musical**  
LA INCONFUNDIBLE

TEL. DIRECCION 882-2978  
REFUGIOS 882-4179 y 882-1846  
PLAZA 884-4380

1180 KHZ - 8880 WATTS  
CHINA LARGA  
4750 KHZ - 1000 WATTS  
CHINA CORTA 80 MTS

PALEO HICGADO 181 BALIOS - APARTADO 880 - SANTO DOMINGO - REPUBLICA DOMINICANA

ONDA MUSICAL

readable audio. At this point of the season, I will go out on a limb and predict that March will be a good TA month. As for the LAs, well, there hasn't been much of interest. No aureoreal situations; just a few of the regulars. Boy, did that trip around SA spoil me!"

*Bruce speaks:* "News via the Internet is that a change in the hemispherical polarity of the sun has been observed, indicating that we have passed the peak of sunspot cycle 23. Despite being at the peak of the solar cycle, transatlantic DX was outstanding mid-February. Many of my February 17 transatlantic logs, including the tentative reception of Russia on 1548, can be heard on the March edition of the DX Audio Service. According to a report from Jerry Berg at the February meeting of Boston Area DXers (BADX), there's a Radio Nacional Rep Arabe Saharai Democratie from Tindouf, Algeria now on 7357 kilohertz shortwave. This might be parallel 1550 kilohertz. I've since logged 7357, but haven't been able to get 1550 for a parallel check."

*Niel speaks:* "Ken Alexander and I were listening last night and were stumped by the same mystery. The second station under Monte Carlo almost sounded like it was French to us. We were listening as late as 0600. We had other great LW too like you, plus we had Morocco, Iceland and Germany competing on 207 at various times. The German parallel to 153 and Iceland parallel to 189. And a wee bit of Czech Republic on 270 too. Still trying to log a LW station on 261 and 279, however.

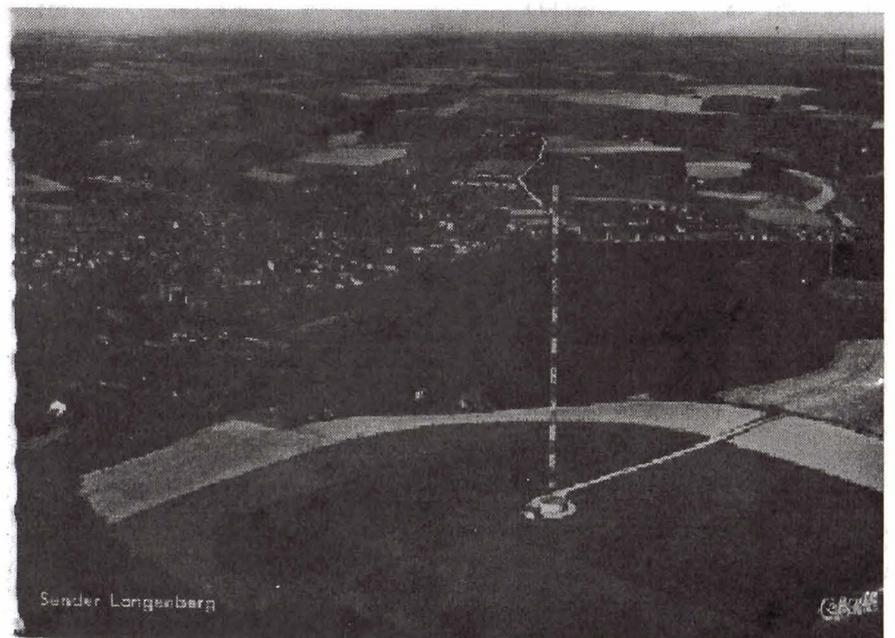
No luck with an MW audio, just various hets."  
*Dave speaks:* "Actually have some TA logs for the first time in a long time. Feb 4 had a lot of hets across the band, mostly the Spain and France frequencies, and then got audio on a few last evening (Feb 10 UTC)."

**PAN AMERICAN DX**

- 1331 UNID. Some audio, mostly het. Heard nightly. What has me interested is that I also had a het on this frequency while recently cruising off the Argentina coast, and I suspected Brazil. Down through the years I have heard several off-frequency Brazilians up here and I did verify one of them. [Dangerfield-PA]
- 1375 ST. PIERRE ET MIQUELON, RFO, FEB 18 0421-0650 - with a weak signal parallel to longwave 162 with music by Tina Turner. [Wolfish-ON]

**WESTDEUTSCHER MEMORIES**

"I read your remarks on your first TA reception in 1977, WDR on 1586. In the late 70's they changed the pattern on AM in Europe, then it became 1593 with a giant 800 kW signal at night time. This frequency was closed in the early 90's. I regretted it, because it always kept contact to home when I was on vacation. I heard from people that this WDR frequency could even be heard in South Africa, regu-



Sander Langenberg

larly at night. I am living about 20 miles away from the transmitter site. About 2 years ago, during repair work(!), the whole antenna construction was destroyed. They rebuilt the whole site, now transmitting on 720 kHz with only 60 kW, but want to upgrade again to 250 kW later this year. BTW, TA reception has become tough in Europe as well, I am glad when I can pick up a tiny signal from the East Coast once a year. Best regards from a European AM listener." [Ingolf Schulte, Duesseldorf, Germany <ingolfschulte@t-online.de>]

#### CAPE COD MEMORIES from Mark Connelly

I've been reading the various comments about TA DX recently. Bruce Conti and Ben Dangerfield have been hearing a lot over the past week. Neil Kazaross in IL said that the DX wasn't making it out there even on nights over the last 2 weeks when I was hearing Norway-1314 at S9+30 here in Billerica (15 miles NW of Boston). Another thing I've enjoyed greatly (in NRC's DX News and on their reflector) have been the accounts of employment in radio. Great stuff ... nostalgic, heart-warming, sometimes funny and sometimes leaving a sad feeling that the best days of the radio business are behind us. Ben's report from his recent South American trip was also noteworthy.

Some of you have probably wondered what I've been doing lately. My mother passed away early in January. Following that period of sadness for me and the whole family, my brother and I have been involved in the sale of the house in W. Yarmouth, MA where my parents had lived in retirement since 1974. Yesterday (Friday, 16 FEB), the house sale went through and an era of my travelling to Cape Cod on a frequent basis came to an end. During the past 27 years of these trips, DXing has often been a component - from my folks' house, from my brother-in-law's place in E. Harwich, and - most frequently of all - from the car at various beach sites yielding maximum foreign station signal levels. Back in the '70s, I DX'ed with Marc DeLorenzo when he lived around the corner in W. Yarmouth and from Skip Wolsieffer's (WA1CML) QTH in Osterville. More recently I'd drop in on Vern Brownell (W1VB) in Chatham and on Steve Clang in Plymouth.

I remember the early days when my parents permitted me to leave a hulking R-390A in their basement and wires in their pine trees. The logs of goodies like Paraguay-645, China-1525, and Greenland-1425. Times that my wife and I stayed there for a week in the summer to enjoy the beach, fried clam dinners, and the room my mother dubbed "the honeymoon suite". The house on Trowbridge Path had a lot of good memories associated with it, but since my mother had gone to a nursing home in April 2000, it became ghostly quiet except for when my brother and I would stop by to maintain things and gradually empty it out.

How fitting it was, DX wise, that my trip out to a favorite beach site in South Orleans, MA on Friday afternoon (following the closing on the house) brought conditions that I could only describe as "legendary". Virtually every TA channel had a good, often a huge, signal on it. Even some of the 10 kHz channel Europeans rolled over the co-channel domestics, for instance, SER Spain on 1080 was DEMOLISHING WTIC. Best TA DX this side of Newfoundland by my reckoning ... it's going to take me a week to type the logs! Peak reception time was between 4 and 6 p.m. EST (2100-2300 UTC) though some early blasters like 549, 981, 1251, and 1521 showed up on the car radio as early as 3 p.m. before.

I got things set up over at the beach / town landing near Tar Kiln Road and Route 28. By 6 p.m. it was raining heavily, so I went over to the brother-in-law's house in E. Harwich (where I'd put up a temporary sloper off the top of a 70' pitch pine tree earlier that day). DX continued to roll in through the evening.

I slept awhile and then got up about 2 a.m. (0700 UTC Saturday, 17 FEB) to see if I could bag the Faroes sign-on on 531 kHz at 0715. Spain had that channel solidly in control, indeed they were as strong as adjacent Turks & Caicos on 530! So Faroes went unheard this time but the other TA's were still booming in. Longwave and low band medium wave hung in there incredibly late those early hours of Saturday morning. I was getting Atlantic-252 at 5:05 a.m. EST (1005 UTC) and a remnant of Ireland-567 was noted at the same time. This beats (by 5 minutes) my previous late TA reception time of 1000 UTC when I'd logged UK on 1214 (now 1215) from Menotomy Rocks Park in Arlington, MA back in December of 1966.

For another fitting conclusion of my "Cape Cod DX era", I tested out several loops during stable daytime conditions. These included the old and new Gerry Thomas Quantums, a Kiwa loop, and a homebrew broadband design. The results of these tests will be published within the next month in an article likely to be titled "Loop Shoot-Out at East Harwich".

Though an era has ended, I still expect to take the 2-hour drive to the Cape a few times each year for recreation. I can stay over in East Harwich sometimes and maybe I can drop in on guys like Vern Brownell in Chatham and on other DXers a bit off Cape in nearby Plymouth and Marshfield. And who knows where I might wind up retiring 14 or so years from now. It's going to be near the ocean wherever it is, be it Massachusetts, North Carolina, Florida, or wherever. (Virgin Islands or Hawaii if the lottery tickets come

**RADIO MAR DEL PLATA**  
La radio de oggi

through!) In the mean time, closer to home, I can go out to coastal sites in Rockport or Rowley for "juiced up" DX on after-work outings once the weather gets a little milder and sunset roughly coincides with (or comes a bit after) my arrival time at the shore (typically 6 to 6:30 p.m. local). Sometime in March I expect to do my first after-work mini-DXpedition for year 2001. At home, I can certainly hear some of the bigger guns (including nearly needle-pegging signals from Norway-1314 and Saudi Arabia-1521 on a frequent basis), but for the really excellent stuff, I have to drive to the seashore. Luckily this can be done (during good weather) in less than an hour from home in Billerica or from work in North Andover. So as some people's DX season runs down in March, mine usually is just getting off the ground then.

#### PATAGONIAN FANTASY from Ben Dangerfield

Got back Feb. 6 from our most recent trip which mainly was a cruise from Valparaiso, Chile, to Buenos Aires, Argentina. First had to get there via Detroit, Miami, Panama City, and Santiago, and that was no picnic, but happily we and our luggage made it. The cruise took 14 days and we had shore trips along the Chilean coast before reaching the land of fjords with the snow-covered Andes to the east. Turned in-ward at the Strait of Magellan and sailed as far as Puento Arenas, Chile where we stopped to sight see including a penguin colony. Then turned south through the Beagle Channel with glaciers lined up on our side and made a stop at Ushuaia, Argentina, the southern-most city in the world, about 1000 miles north of the Antarctic Circle. From there we rounded Cape Horn and headed for the Falkland Islands, but sad to say, couldn't stop there because of very rough seas. Then up the Argentina coast to Montevideo, Uruguay, and thence across the Rio La Plata to Buenos Aires for a day before flying home via Panama City, Newark and Philadelphia. Our cabin had an outside balcony, thus enabling me to DX from it with my Sony SW-100-S and my KIWA pocket loop. Otherwise, nothing from inside except locals while in port. Unfortunately, I haven't been able to locate my station listings so will report only the highlights as I recall them. Of course, just hearing the Chileans as semi-locals was a thrill, while I logged each city as we cruised down the west coast. I began to hear Argentinians as we got further south, and then, Falkland Islands-550. Puento Arenas has a slew of stations, but at Ushuaia I logged LRA-10 on 780, the most southern station in the world. We rounded Cape Horn [an island] and reception got really good. At noon both Falkland Islands stations had strong signals even though they were still 400 miles away. On 530 kc. is FIBS with local programs, [don't know the power], and on 550 is BSBS with pickups from BBC Radio 5. I was surprised that they were so close in frequency. I heard Maggie Thatcher sending a message to the Falklands on the 20th anniversary of the war. Also heard off the Horn at noon were several Puento Arenas stations and some coastal Argentinians. After dark, stations in Buenos Aires, Montevideo and Rio were easily logged, among them Radio Libertad-950, El Mundo-1070, and Radio Buenos Aires-1350. Also good was Radio Imparcial-1090, Montevideo which I regularly heard up here 40 yeqrs ago. Some Rio stations heard with good signals were Radio Nacional-1130, Radio Globo-1220, and Radio Tupi-1280. I loved the quite specific ID from LR3 on 950: "Ellay-eray-tres, Radio Libertad, Buenos Aires, Argentina." I have this one verified as Radio Belgrano. Apparently, call letters are often used in Argentina, but you really have to listen for the station name and location. Also, off the southern Argentina coast I was able to identify Ga-Rankuwa, South Africa-1098, which had a fair signal. Picked up hets on 711 [probably Western Sahara], 1088 [probably Angola] and 1521 [guess who], but that's all. About 300 miles south of Buenos Aires the Falklands disappeared and I began to hear a SS on 530 which I failed to ID. I also logged Argentina stations on most of the X-Band frequencies from some distance out. Also heard Radio Nanduti-1020 Assuncion, Paraguay one night. Once in the Montevideo-Buenos Aires area there were so many locals that any distant reception was impossible, even from my balcony. Didn't DX after that, not even in Panama City, which is as honky-tonk a place as you can find.

#### CONTRIBUTORS

Dave Braun, Wyoming DE; Kenwood R-5000, Quantum Loop, Palomar Loop (LW logs), <dcbraun@delanet.com>

Mark Connelly, Billerica MA.

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

Ben Dangerfield, Wallingford PA; R8A, 4 slopers, DXP-3A phasing unit. <ben-dangerfield@worldnet.att.net> Travel logs with Sony-S-100-S, KIWA pocket loop.

Harold Frodge, Midland MI; R8B + 85' / 215' RW's, 125 ft. single loop, lcom R2 + ducky.

Jim Renfrew, Byron NY; Drake R8, 1000' E/W longwire, Grove antenna tuner. <renfrew@localnet.com>

Niel Wolfish, Toronto Ontario, DXing in Coe Hill, Ontario with ICOM R71-A and Wellbrook Large Aperture Loop (a 900 foot longwire was also put up, but we never used it).

**RADIO VEVA 1570**

# Target DX

R. J. Edmunds

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Blue Bell, PA 19422-2052

*DX'ing 'smart', with shared tips and requests by NRC members*

Welcome to another edition of Target DX! This time, we'll discuss the WWV geomagnetic data reports, how to understand them, and what the different terms mean. Also, we'll look at locating and identifying those Travelers' Information Service and Highway Advisory Radio stations while mobile.

## Geomagnetic activity broadcasts

The NOAA's Geophysical Alert Broadcasts are aired at 18 minutes past each hour over the U. S. National Institute of Standards and Technology radio station WWV in Ft. Collins, Colorado and at 45 minutes past each hour via WWVH on the island of Kauai in Hawaii. WWV broadcasts continuously on shortwave frequencies of 2.5, 5, 10, 15, and 20 MHz and WWVH broadcasts on 2.5, 5, 10 and 15 MHz. The broadcast text is updated every three-hours beginning at 0000 UTC. These broadcasts are produced by the National Oceanic and Atmospheric Administration's Space Environment Services Center (SESC). This center operates a worldwide network of sensors, which continuously observe conditions between the earth and the sun.

We'll start by quoting the text of a WWV broadcast (the text of these broadcasts is also available on the Internet, but more on that later). Next, we'll look at the definitions of the terms in italics. Some of these definitions are taken from those provided on the website, albeit in some cases with some editing:

"Solar-terrestrial indices for 4 January follow. *Solar flux* 175 and Boulder *A-index* 11. The Boulder *K-index* at 1200 UTC on 5 January was 0. Solar-terrestrial conditions for the last 24 hours follow. *Solar activity* was low.

The *geomagnetic field* was quiet to active. The forecast for the next 24 hours follows. Solar activity will be low to moderate. The geomagnetic field will be quiet to *unsettled*."

**SOLAR FLUX.** Solar Flux is a measurement of the intensity of solar radio emissions at a frequency of 2800 MHz made using a radio telescope located in Ottawa, Canada. These emissions have been shown to be proportional to sunspot activity, and are also responsible for causing ionization in the earth's upper atmosphere. These emissions produce the ionized 'layers' involved in propagating radio signals over long distances. Solar flux is reported in solar flux units (s. f. u.), which range from a theoretical minimum of approximately 67 to greater than 300.

**A INDEX.** A 3-hourly "equivalent amplitude" index of local geomagnetic activity; "Ap" is used to designate an equivalent planetary value based upon multiple local-site readings. The "a" is derived from the 3-hourly *K-index*.

**K INDEX.** A 3-hourly quasi-logarithmic local index of geomagnetic activity relative to an assumed quiet-day curve for the recording site. Range is from 0 to 9.

**SOLAR ACTIVITY.** Solar activity is a measure of energy releases in the solar atmosphere, generally observed by X-ray detectors on earth-orbiting satellites. Such energy is that which can or might be anticipated to cause disruptions or degradations to radio propagation on earth. Large solar x-ray outbursts can produce sudden and extensive ionization in the lower regions of the earth's ionosphere, which can rapidly increase signal absorption there. Occurring on the sun-facing side of the Earth, these 'sudden ionospheric disturbances' (SID's) can degrade radio communications for from minutes to hours. Since the sun rotates once approximately every 27 days, periods of disruption may recur at about this interval as a result.

Following are some additional definitions included in these reports as indicated by conditions at the time relating to Solar Activity:

**ACTIVE.** Solar activity levels with at least one geophysical event or several larger radio events per day

**PROTON FLARE.** Any flare producing significant fluxes of protons in the vicinity of the earth.

**QUIET.** Solar activity levels with less than one energetic event per day

**SOLAR FLARE.** A sudden eruption of energy on the solar disk lasting minutes to hours, from which radiation and particles are emitted. This is one type of energetic event, which can subsequently result in increased geomagnetic activity.

**GEOMAGNETIC FIELD.** The magnetic field which surrounds the earth where auroral conditions may result from specific types of solar activity.

**GEOMAGNETIC ACTIVITY.** As an overall assessment of natural variations in the geomagnetic

field, six standard terms are used in reporting geomagnetic activity. The terminology is based on the estimated A index for the 24-hour period directly preceding the time the broadcast was last updated:

Sat, Feb 24, 20012:59 PMCategory

2:59 PMRange of A-index

2:59 PM

2:59 PM

2:59 PMQuiet

2:59 PM0-7

2:59 PMUnsettled

2:59 PM8-15

2:59 PMActive

2:59 PM16-29

2:59 PMMinor storm

2:59 PM30-49

2:59 PMMajor storm

2:59 PM50-99

2:59 PMSevere storm

2:59 PM100-400

## VERIFICATION OF RECEPTION

### KXNT

### North Las Vegas, Nevada

So, what the previous broadcast told us would be: *Solar flux* is about average, the A-index indicates average conditions. The K-index of 0 suggests that conditions might be improving. The sun was relatively inactive during the preceding 24 hours, which indicates that no major disturbances are likely the following day, either. The geomagnetic field conditions were variable during the preceding period. Predicted solar activity continues to suggest no disturbances, although the geomagnetic field will continue to be variable. These are very ordinary conditions, with the immediate next few days likely to show a slight improvement.

Below are some additional definitions of terms used in the broadcasts as conditions warrant:

**SOLAR WIND.** This is the outward flow of solar particles and magnetic fields from the sun. The velocity of the solar wind often increases dramatically as a result of certain solar energetic events. This in turn can spark increased activity in the earth's geomagnetic field, or even aurora.

**SUNSPOT NUMBER.** A daily index of sunspot activity.

As a predictor of future conditions, remember that it takes roughly three days for activity on the sun to create an adverse effect on earth, and that the best Trans-Atlantic DX conditions are produced by several successive days of A indices below 8, and no values over 30 within the past 2-3 weeks. On the other hand, heavy activity on the sun doesn't always lead to disturbed conditions. Disturbances are less likely when they are produced by sunspots or sunspot groups located near the edges of the sun's disk (or face).

As we noted earlier, you can access the text of the current transmission via the Internet as well as by broadcast. The URL for this is <http://www.sec.noaa.gov/radio/radio.html>. From this page, select the option for "Latest Geophysical Alert Message - WWV Broadcast". More detailed information can be found under the options for "Report of Solar & Geophysical Activity" and "Solar & Geophysical Activity Summary".

## Locating Travelers' Information Stations and/or Highway Advisory Radio stations.

The numbers of these stations (often referred to as TIS and/or HAR's) seem to be constantly increasing, with the majority of them on the frequencies of 530 kHz. And in the expanded band from 1610-1700 kHz. These stations are usually located at or near historical sites, tourist attractions, at road construction sites or along major highways. In many states, there are networks of such stations along state turnpikes or even along certain Interstate highways. They are often of low power and have relatively small antennas mounted on short masts. These factors often make it difficult to identify their actual locations with any degree of certainty.

If you are able to anticipate your route and have access to the Internet, you can look for potential targets by using the FCC's "General Menu" (often truncated as "Genmen" or "GenMen") which can be found at the URL: <http://www.gullfoss2.fcc.gov/cgi-bin/ws.exe/genmen/index.htm>. You can select by several sorts. I usually use state/county if I can. Be careful to follow the instructions accurately for the frequency if you use that as a parameter. Then select data from the "ULS Database", and you'll get a list of stations corresponding to your selections.

Once you're on the road, whether or not you've made use of the Internet, you'll frequently hear the stations before you see signs announcing that they exist, although in some cases there won't be signs. Stations located along highways are most frequently located either at service areas or highway maintenance yards or at exits, but it may still be difficult to pinpoint their locations by simply monitoring the

frequency. One trick that works much of the time ( although not so well when the transmitter is located further away from the roadway ) is to tune in to an adjacent frequency ( preferably one with a weak-but-readable signal ) and listen for the maximum interference caused to that station by the TIS/HAR. When that occurs, you will be at the closest point to the transmitting antenna, even though you may not be able to spot it visually.

You can then compare this information to that which you got from the FCC Databases. A few words of caution are in order here, though. Mobile transmitters are usually not listed with a specific transmitter site location, and not infrequently, even a 'base' station's listed location may not be completely instructive. In the latter case, it may be helpful to utilize some sort of mapping software to locate the listed location.

Please remember to keep sending me your questions or your suggestions for future topic-oriented columns to me either via the NRCDXAS listservs, by off-line email or by regular mail!

# Geomagnetic Summary

**Phil Bytheway** phil-bytheway@teknologic.net  
 9705 Mary NW  
 Seattle, WA 98117-2334

*High "A" values indicate possible auroral conditions*

## Geomagnetic Summary November 14 2000 through February 19 2001

GEO - Geomagnetic activity      pca - polar cap absorption  
 maf - major flare              SA - Solar Activity  
 mas - major storm              spe - satellite proton event  
 mis - minor storm              ss - severe storm

Date	FLUX	A	K	SA	GEO	OTHER
11/14	149	3	1	low-mod	quiet-unsettled	-5
15	147	3	1	low-mod	quiet-unsettled	-3
16	154	1	1	low-mod	quiet	-3
17	z	z	z	z	z	-
18	177	2	2	low-mod	quiet-unsettled	-4
19	175	8	1	low-mod	quiet-unsettled	-7
20	174	7	3	low-mod	quiet-unsettled	-5
21	185	7	1	low-mod	quiet-unsettled	-9
22	195	7	2	moderate	quiet-unsettled	-7
23	205	9	0	moderate	quiet-unsettled	-3
24	197	9	2	mod-high	unsettled-active	-5 flares
25	202	8	2	mod-high	unsettled-mas	-6 flares
26	202	20	5	high	unsettled-mas	-10 flare
27	192	41	2	mod-high	unsettled-mas	-8
28	196	25	5	low-mod	active-mis	-8
29	188	43	1	low-mod	quiet-active	-7
11/30	192	5	1	moderate	quiet-unsettled	-5
12/ 1	185	4	0	low-mod	quiet-unsettled	-7
2	167	3	1	low	quiet	-5
3	164	14	2	low	quiet-unsettled	-5
4	152	9	1	v low-low	quiet-unsettled	-7
5	147	3	0	low	quiet-unsettled	-5
6	141	7	2	low-mod	quiet-unsettled	-7
7	144	12	4	low-mod	quiet-unsettled	-7
8	138	18	3	low	quiet-active	-8
9	135	15	3	low	unsettled-active	-9
10	147	9	3	low	quiet-unsettled	-6
11	144	7	1	low	quiet-unsettled	-6
12	150	6	3	low-mod	quiet-unsettled	-6
13	165	4	0	low-mod	quiet-unsettled	-4
14	182	2	0	low-mod	quiet	-5
15	188	2	1	low	quiet	-5
16	191	3	2	low	quiet-unsettled	-6
17	197	12	1	low	quiet-unsettled	-7
18	198	8	2	low	quiet-unsettled	-8
19	199	5	1	low	quiet-unsettled	-6

20	201	3	0	low	quiet-unsettled	-4
21	195	4	1	low	quiet-unsettled	-5
22	190	6	4	low	quiet-active	-9
23	191	16	2	low	quiet-active	-6
24	193	5	2	low-mod	quiet-unsettled	-4
25	187	7	2	low-mod	quiet-unsettled	-6
26	189	4	2	low-mod	quiet-unsettled	-5
27	188	7	1	low-mod	quiet-unsettled	-4
28	185	5	1	low-mod	quiet-unsettled	-5
29	182	8	1	low-mod	quiet-unsettled	-5
30	182	4	0	low-mod	quiet	-5
12/31-00	170	1	0	low-mod	quiet	-3
1/1-01	171	2	1	low-mod	quiet	-6
2	176	2	3	low-mod	quiet-unsettled	-5
3	170	11	2	low-mod	quiet-unsettled	-5
4	175	11	1	low-mod	quiet-unsettled	-5
5	176	4	3	low-mod	quiet-unsettled	-6
6	179	5	2	low-mod	quiet-unsettled	-5
7	177	6	2	low-mod	quiet-unsettled	-5
8	167	8	2	low	quiet-unsettled	-5
9	166	4	0	low	quiet	-4
10	163	5	1	low-mod	quiet-unsettled	-4
11	166	4	2	low	quiet-unsettled	-6
12	178	9	1	low	quiet-unsettled	-2
13	184	5	2	low	quiet-unsettled	-7
14	176	7	0	low	quiet-unsettled	-4
15	169	7	1	low-mod	quiet-unsettled	-5
16	162	4	3	low-mod	quiet-unsettled	-5
17	152	6	0	low	quiet-unsettled	-4
18	152	3	1	low	quiet-unsettled	-3
19	153	3	1	low-mod	quiet	-6
20	153	8	3	low-mod	quiet-active	-6 flare
21	152	18	3	low-mod	quiet-active	-10
22	162	12	2	low-mod	unsettled-active	-7
23	167	13	3	low-mod	unsettled-active	-7
24	173	17	2	low-mod	unsettled-active	-7
25	169	4	1	low-mod	quiet-unsettled	-8
26	166	9	2	low-mod	quiet-unsettled	-7
27	167	4	0	low	quiet	-4
28	168	8	5	low	active	-7
29	165	14	2	low-mod	quiet-active	-5
30	160	3	0	low-mod	quiet-active	-3
1/31	153	17	1	low	quiet-unsettled	-8
2/ 1	161	8	3	low	quiet-unsettled	-5
2	166	8	1	low-mod	quiet-unsettled	-4
3	164	1	0	low-mod	quiet-unsettled	-2
4	158	1	0	low-mod	active	-3
5	165	2	2	low-mod	quiet-unsettled	-7
6	170	12	2	low	quiet-unsettled	-6
7	164	5	1	low	quiet-unsettled	-5
8	157	7	1	v low-low	quiet-unsettled	-5
9	162	5	1	low	quiet-unsettled	-7
10	161	6	2	low	quiet-unsettled	-3
11	151	10	2	low	quiet-unsettled	-4
12	145	7	2	low	quiet-unsettled	-5
13	141	21	4	low	unsettled-mis	-7
14	138	17	1	v low-low	quiet-unsettled	-5
15	135	6	0	v low-low	quiet-unsettled	-3
16	130	3	0	v low-low	quiet-unsettled	-4
17	130	2	1	v low-low	quiet-unsettled	-6
18	132	2	0	low	quiet-unsettled	-5
2/19	137	5	2	low	quiet-unsettled	-4

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

