

# DX News

\* Serving DX'ers since 1933 \*

Volume 65, No. 20 - March 2, 1998 (ISSN 0737-1659)



## Inside...

- 2 .. DDXD
- 7 .. Special Catalog Insert
- 22 .. IDXD

### CPC Test Schedule

KICY ..... 850 ..... AK ..... March 2 ..... 0430-0530  
WGAI ..... 560 ..... NC ... March 15 ..... 0100-0130  
KKSA ..... 1260 ..... TX ... March 16 ..... 0000-0500

KICY-850 - P. O. Box 820 - Nome, AK 99762 <<kicy@dwarf.nome.net>> will conduct a DX test on Monday morning, March 2, from 12:30 am through 1:30 am Alaska Standard Time (this translates to 4:30 AM to 5:30 AM EST) and will consist of code ID's, with occasional voice ID's at 10 KW non-directional. Reports may be sent to Mr. Tom Guillian, Chief Engineer. Arranged by Bill Hale for the NRC CPC.

WGAI-560 - 179 Lovers Lane - Elizabeth City, NC 27909 will conduct a DX test on Sunday, March 15 between 1 and 1:30 am ELT. The test will consist of Morse code IDs, plus various liners/jingles alternating with the code at 500 watts directional (station is U3) [up and down the East Coast]. Reports are to be addressed to Mr. Bob Carter, Asst Engineer. Arranged by Bill Hale for the NRC CPC.

KKSA-1260 - P O Box 2191 - San Angelo, TX 76902-2191 <<gsmitty@prodigy.net>> will conduct a DX test on Monday, March 16 sometime between midnight and 5 AM using code IDs at 74 watts non-directional. Reports may be sent to Mr. Gary Smith, CE. Arranged by Bill Hale for the NRC CPC.

*From the publisher ...* You'll find the 1998 NRC Publications list in pull-out form in the center of this DXN. We had to do a little trimming from DDXD and IDXD to get it to fit, but this info (mostly GY updates and station updates) will be inserted into next week's columns.

According to the January 1998 issue of *Adventist World Radio's Current*, NRC'er John Wilkins, Wheat Ridge, CO is the winner of the 1997 Wavescan contest over more than 500 other entries. The contest invited to submit details of the five smallest QSL cards in their collection. Adrian Peterson, International Relations Coordinator of AWR, added that several participants suggested that the 1998 contest should be a search for the world's largest QSL card!

NRC'er Lyle K. Stanton is asking for your help. Seems that he bought a DX-394 and can't operate it "to the fullest extent so that I can get many pleasurable hours of listening" from it. He also says that

his antenna is not working right, and the store at which he purchased it can't help him, either. If you can help out, contact him at 140 Lawrence Ave, Apt. 5G - Brooklyn, NY 11230.

DXAS ... Coming up on the DX Audio Service, Fred Vobbe is looking for NRC and DXAS members who have been on the air in some way. If you have been a DJ, newsperson, or just called in to a talk show, send in a tape to be featured on the April 1998 DX Audio Service Marketscope. Tapes must be received no later than March 10th to be included. On the May DX Audio Service we're doing April Fools Radio. We're asking people to record their favorite station on April 1, 1998 starting at 5:55, 6:55, or 7:55 in the morning. Start recording, then flip over the tape when it ends and record the second side. Mono or stereo cassettes welcomed. Tapes must be received by April 10th.

Please document your tape with your name, station, and date. Send your tapes to Phil Wayne, 135-1/2 Midland Avenue, Findlay OH 45840. If you want your tape back, include return postage.

KRIZ ... More news from Patrick Martin: "I spoke with Chris Bennett the GM of KRIZ / KZIZ in Seattle. Apparently their very weak signal during the day is 1KW. They will be operating only with the 1KWer for several more days. Then they will be at 10 KW day and 1 KW nights. All reception reports should be sent to Chris Bennett-GM of KRIZ-KZIZ, at 2600 South Jackson - Seattle, WA 98144."

### DXN Publishing Schedule, Volume 65

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
21.	Feb. 27	Mar. 9	26.	May 8	May 18
22.	Mar. 6	Mar. 16	27.	June 5	June 15
23.	Mar. 13	Mar. 23	28.	July 10	July 20
24.	Mar. 27	Apr. 6	29.	Aug. 7	Aug. 17
25.	Apr. 10	Apr. 20	30.	Sept. 11	Sept. 21

### DX Time Machine

*From the pages of DX News:*

50 years ago ... from the February 28, 1948 DXN: Ernie Cooper, Brooklyn, NY reported frequent reception of Turin, Italy-1357 at 1:10-1:35 am, and Nantes-Montbert, France-1366 from 1:30 am signon until fadeout shortly after 2:00 am.

25 years ago ... from the February 28, 1973 DXN: The entire publishing crew was down with the flu, causing #16 to go out late ... Several technical articles by Gordon P. Nelson were included, including one dealing with Fresnel diffraction.

10 years ago ... from the February 22, 1988 DXN: This issue included the 11-page "NRC Reprints List" ... Dick Truax, Louisville, KY was offering not only a "late-model" R390A for \$350 plus shipping, but also to "shop" at the Dayton Hamfest for members.

# Domestic DX Digest

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

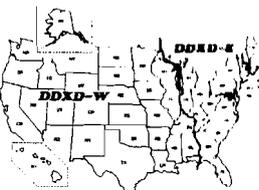
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

**East: David Yocis** DavidYocis@aol.com

97 Clinton Ave. - South Nyack, NY 10960-4603

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

(Division line is  
between East and  
Central time zones)



## DDXD-West

### MEDIUM WAVE RAMBLINGS

- A tip of the old CPC Fedora goes to **Louis Buehler** of Winfield, Missouri for his CPC donation!
- Seems things change faster than I can keep up. **Neil Adams'** WWW site, in order to get the Medium Wave Viewer program, is as follows: <http://www.concentric.net/~nsadams> Sorry for leading anyone down the wrong path.
- Sacramento member **Gary Jackson** sent in a map of California showing the Caltrans districts along with the mailing addresses for each. If you DX the TIS/HAR stations out West, you may want a copy for QSL info. Send me a SASE and you'll have a copy, too. Speaking **Frankly**, Mr. Aden utters: "Just heard KFXD-580 has applied for new call of KBKK. Too bad for the 2nd oldest call in the state. They came on the air in 1925 in Logan UT and moved to Jerome ID in late 1926 and to Nampa in 1930. Only KSEI is older, coming on the air in Pocatello in early 1926. As of today (2-15-98) they are still IDing as KFXD." We welcome a couple of new reporters this Issue, both from Oregon. **Doug Pifer** from Albany and **Lenny Goldberg** of Ashland. It's great to be getting more reports from the Pacific Northwest!
- The DX Duo from The Great White North just can't get enough. **Shawn** pens: "Well another successful DXpedition is completed. The weather did not quite co-operate and the chance of snow turned into a steady snow with a strong wind. The walk out to the magic DX bus where we DX from was once again a challenge. Lots of snow on the ground and more falling. Took two to handle a toboggan again. The good news was once at the bus and we unloaded and got a fire going, we could go back out in the snow and wind to walk back to get fire wood. Ahhh yes a double trip this go around. But as you can see it was worth every step and drop of sweat. Managed to get TAs and TPs this time. Conditions were not great and the snow caused more static than we needed. TP Hets were very few and all between 700 and 800 kHz. No TA Hets but 1314 was there in plain view. Hey I log them I don't make up the rules. The crazy time lady station was logged at long last. 1610 was very dead. Our pest from MN was nowhere to be heard so we thought we were in for a treat. Unfortunately nothing else came in to replace it. Back next month if all goes well for more DX."
- And the **Johnsons** keep up their Graveyard Achievements assault.
- I know we've touched on this many times, but... format your reports as near as you can to the way you see them here. Divide loggings into time, or other, categories. Report only recent DX. Six-month old catches will be weeded out. I appreciate it when I see each logging in the following order: frequency, call, state/province, city, date and time, then what you heard. Most others will get printed, but your ears should burn considerably. Thanks.

### REPORTERS

**FA-ID** **Frank Aden**, N7SOK Boise FRG-7, 4 foot box loop <wvll23a@prodigy.com>  
**LB-MO** **Louis Buehler** Winfield DX-390 + susan de lazy  
**LG-OR** **Lenny Goldberg** Ashland Sony 7600G + Kiwa Pocket Loop (returned and ordered a larger loop)  
**GJ-CA** **Gary Jackson** Sacramento  
**BK-CA** **Bob Karchevski** Sunnyvale R8-A/4' box loop  
**DP-OR** **Doug Pifer** Albany FRG-7000 + Radio West Loop (MW-1)  
**JJR-WI** **John J. Rieger** South Milwaukee Drake SW2, Palomar loop <johnjrieger@webtv.net>  
**JS-AL** **J.D. Stephens** Madison <jdstephens@juno.com>  
**PT-WA** **Pete Taylor** Tacoma Sony ICF 2010, Palomar loop <pvtaytac@brigadoon.com>  
**VALDX** **Shawn Axelrod** and **Wayne McRae** Winnipeg DXing from **Valhalla Beach** with 2-ICOM ICR-70s, 2- MFJ 1026 phasing units + 12 long wires or Beverages running east, west, and south <saxelrod@mb.sympatico.ca>  
**Ed.-TX** **Editor** North Richland Hills



## SPECIAL

- 860 **KPAM** **OR** **Troutdale** - 2/16 0318 - IDed as *This is KPAM, 860, Troutdale-Portland-Vancouver and Christian Hit Radio, 860, KPAM.* (DP-OR)
- 1310 **KMTY** **CA** **Oakland** - 2/16 0300 - New call for this *Radio Disney* station. ID on the hour as *KMTY, AM 1310, Oakland, San Jose, San Francisco* into *Zippety-dodah*. Ex: *KDLA.* (DP-OR)
- 1380 **KKWK** **MO** **St. Louis** - Word off the Internet is that this station's announced sign-on date has come and gone. "A small article in the *Post-Dispatch* reports transmission lines are not working properly, and it is fairly obvious that management of the station was not prepared to handle all aspects of being given a radio station to run. No one knows when they'll get their act together."
- 1620 **KRIZ** **WA** **Renton** - 2/13 0400 - Very strong signal, with ad for **Everett Ford**. ID as *KRIZ 1420, KZIZ 1560.* Good thing I taped *WPHG* last Wednesday to send a report! (FA-ID) [Frank, these are correct calls - Ed.]
- KRIZ** **WA** **Renton** - Noted on // 1420, 2/13 at 2321 - Slight hum on the signal. They seemed to be on 1 kW as I could null it to distortion. They always give dual *KRIZ/KZIZ* IDs even though *KZIZ* isn't on at night. Bad news on the home front, good news for you (except *Washington* addresses). I'm certainly glad I got *Argentina* and *WPHG* logged during the last two weeks! (PT-WA)
- KRIZ** **WA** **Renton** - 2/14 0150 - With UC music. (LG-OR)
- KRIZ** **WA** **Renton** - 2/14 0750 - S-20+ signal, with mentions of both *KRIZ*, *Renton*, *Washington* on 1420 and sister station *KZIZ* 1560 in *Sumner*, *Washington*. A great birthday present. (GJ-CA) [So, a belated "Happy Birthday" - Ed.]
- KRIZ** **WA** **Renton** - 2/14 2307 - Poor signal, under *WPHG*, with R&B music and ID. Heard again 2/15 0820 with good signal and gospel music and ID again as *KRIZ/KZIZ*. Music, at times, is same format as *WPHG*, so have to be careful. **NEW!!** (VAL-DX)
- KRIZ** **WA** **Renton** - 2/16 0141 - IDs as 1420 *KRIZ*, 1560 *KZIZ*, *The Z-Twins*, *KRIZ* and *KZIZ* and *Best variety of hits and oldies*. No mention of 1620. Ad for *Seattle Medium newspaper, for the African-American community.* (DP-OR)
- KRIZ** **WA** **Renton** - 2/17 0145-0220 - Bad-to-poor, with *Radio Milpitas* (WGJ634) nulled. Good VID at 0156. (BK-CA)

### UNIDs and UNID HELP

- 540 **UNID** ?? - 2/14 1945 - Poor signal, with Spanish talk and a possible ID as O-A. (VAL-DX)
- 1020 **UNID** ?? - Heard with C&W music and *Keen* (?), *Key* (?), *Ley* (?) *Radio.* (LG-OR)
- 1050 **UNID** ?? - 2/14 2030 - Poor signal with hockey game between the *Wolverines* and *Wildcats*. Seemed to be a *Wolverine* broadcast. (VAL-DX)
- 1280 **UNID** ?? - 1/8 0300 - With *Radio Canada International.* (LG-OR)
- 1610 **UNID** ?? - 2/14 1915 - Poor signal, with just two different tones alternating back and forth. (VAL-DX)
- 1670 **UNID** ?? - 2/10 - Heard fairly strong OC at 0300. Rock/R&B. Waited a little past 0300 to see if any ID, but nothing. (FA-ID)
- UNID** ?? - 2/16 0600-0800 - Noticed [OC] last couple of mornings, no audio, just an S-20+ signal. Appears that *KNRO* might be coming on the air soon. Hope *Madison*, *Wisconsin* makes it first. (GJ-CA)
- 1680 **UNID** ?? - 2/18 2255 - For the past 15 minutes, I have been listening to someone on 1680 with a loud signal, tracking *George Harrison's* "All Things Must Pass" album. No announcements or IDs. A new X-bander? Pirate? (JS-AL)
- UNID** ?? - 2/20 1945 - Station I heard last night is back again! With oldies music (*Cherry Hill Park, Nah Nah Hey Hey Hey Kiss Him Goodbye*). Strong signal. No ID noted as yet. (JS-AL)

### DX AND EQUIPMENT TESTS

Stay tuned ...

# CKWX

1130

## TIS &amp; OTHER STUFF

- 1610 TIS/HAR CA **Eureka** - TIS/HAR due on the air here by end of February. (GJ-CA)  
 TIS/HAR CA **Redding** - Super TIS/HAR due on the air here by end of April. (GJ-CA)  
 TIS/HAR CA **Willits** - New TIS/HAR now on the air. Not heard yet here. (GJ-CA)  
 1615 HLPT ID - 2/14 0300 - Homefinder Low Power Transmitter - Located somewhere in west Boise or Eagle. Has pretty decent signal so may be getting out. I bet they do not know they are not on 1610. Giving out two phone numbers, one for Boise and another on for Eagle. (FA-ID)  
 1620 TIS CA **Milpitas** - 2/9 0245 - With flood relief emergency information on continuous recording mentioning *water advisory* and *sand bags free to the public at 1255 North Milpitas Blvd*, and gave Bank of America account number for contributions. Heard several nights in a row. (LG-OR)  
 1630 TIS MI **Detroit** - 2/14 1900 - Fair signal, with the Time Lady with time about 50 minutes out of sync. NEW!! (VAL-DX)  
 WPJR342 MI **Roseville** - 2/14 1910 - Fair signal, with two ladies giving info. First lady gave the call sign and the fact that it was a HAR run by the Michigan Department of Transport. Then another lady with info saying this site was West of I-94 and I-696. NEW!! (VAL-DX)  
 1640 WPLR660 TX **Dallas/Fort Worth** - 2/14 1905 - Poor signal, with airport information. Note new calls now official calls. Old WQO767 were temporary calls. This info as per H Helms TIS site. (VAL-DX)  
 1680 WPLR660 TX **Dallas/Fort Worth** - 2/7 1905 - Poor signal, with airport information. Note new calls now official calls. Old WQO767 were temporary calls. This info as per H Helms TIS site. (VAL-DX)  
 WPLR660 TX **Dallas/Fort Worth** - 2/6 0220 - Woman's voice, names of cities, heard Gate one. Dallas Airport, eh? (LG-OR) [Sf-Ed.]

## MIDNIGHT TO 0800 HOURS ELT

- 570 CKGL ON **Kitchener** - 2/15 0632 - Fair signal, with local news and weather. (VAL-DX)  
 690 WZAP VA **Bristol** - 2/11 0710 - Up and out of the mess, then back down. Gospel music and ID: *You're listening to the good gospel WZAP 690 AM. Ad for Kenny and the folks at KK Tires, 238 Wagner Road, Bristol, Virginia. Promo for Back to the Bible Saturday at 1:15 into gospel music.* (LB-MO)  
 740 WRPQ WI **Baraboo** - 2/15 0741 - Poor signal with ID as *AM Stereo WRPQ.* (VAL-DX)  
 980 WPGA GA **Perry** - 2/16 0732-0742 - Fair, fighting it out with WYFN, with NOS music, spots for local merchants, and a jeweler in Fort Valley. Liners mentioning WPGA... *information... news... entertainment... AM 980.* (JS-AL)  
 1030 WBZ MA **Boston** - 2/15 0613 - Good signal, with a traffic report, news, time check and ID. (VAL-DX)  
 1060 WCOK NC **Sparta** - 2/16 0650-0700 - Fair, under KYW, with country music, school closings, *K Country* slogans, Carolina State News. (JS-AL)  
 1180 KOFI MT **Kalispell** - 2/5 0100 - With talk format; not AC/OLD. (LG-OR)  
 1220 WRKS IL **Waukegan** - 2/14 0200 - All I heard was *Waukegan*. I'm going to count it. (LG-OR)  
 KCCS OR **Salem** - 2/14 0200 - IDs as *The Worship Station.* (LG-OR)  
 1290 KKNW WA **Port Angeles** - 2/14 0300 - With *Kickin' Country, the Olympic Peninsula station for hot new country.* (LG-OR)  
 1370 KGNO KS **Dodge City** - 2/19 0000 - Fair, with nice fade up. ID in SS, with SS programming. Female announcer. Unneeded. (JJR-WI)  
 1380 WMJR KY **Winchester** - 2/12 0705 - Fair signal, fading in and out, with oldies and *Magic 1380 WMJR*, then weather. (LB-MO)  
 1410 WCMT TN **Martin** - 2/16 0747-0750 - Weak, with local spots, sports, WCMT satellite weather. (JS-AL)  
 1430 KVVN CA **Santa Clara** - 2/17 0001-0005 - Chinese language, with legal ID in EE, and *Santa Clara's New Asian Voice.* (BK-CA)  
 1490 WNDU IN **South Bend** - 2/19 0000 - Poor, but clear in mess, with full ID. Slogan: *1490 AM. 70s oldies.* Unneeded. (JJR-WI)  
 KRIB IA **Mason City** - 2/16 0418 - Very good in fade up, with *Unforgettable 1490 KRIB.* Satellite NOS. Unneeded. (JJR-WI)  
 1550 KMRI UT **West Valley City** - 2/14 0330 - With *The All-New KMRI* and C&W format. Was KRGO. (LG-OR)

- 1570 CKTA AB **Taber** - 2/15 0640 - Good signal, well over CKMW, with oldies and ID as *Classic Hits CKTA.* (VAL-DX)  
 1580 WDAB SC **Travellers Rest** - 2/16 0703-0706 - Popped up for a few minutes with news briefs... *from the WDAB Newsroom*, station promos, business news update, then gone. (JS-AL)  
 1620 WPGH AL **Atmore** - 2/6 0240 - Religious station with USA Radio News. Phone number of one program was 800-727-7486. I didn't call. Heard nightly until KRIZ joined the airwaves. (LG-OR)

## 0800 TO 1600 HOURS ELT

- 530 CKHL AB **High Level** - 2/15 0807 - Fair-to-good signal, with country music; not AC/Oldies as per LOG. (VAL-DX)  
 830 KOTC MO **Kennett** - 2/11 0835 - Fair signal, fading and out, with co-channel QRM from WCCO, with *Expanded weather from 830, KOTC, Cotton Country* into C&W. (LB-MO)  
 880 KGHT AR **Sheridan** - 2/12 0810 - Good signal, with local WINU nulled. Gospel music and ID as *Morning Express on Super Station KGHT.* Ad for Christian Supply Store, promo for Gospel Concert in Little Rock. (LB-MO)  
 1370 WVAX IL **Lincoln** - 2/12 0903 - Fair signal, fading in and out, with ID *Where Lincoln turns to for news talk, Radio 1370 WVAX, Lincoln's news leader.* ID and ad for *Illinois Lottery.* (LB-MO)  
 1460 WFMH AL **Cullman** - 2/16 0818-0835 - Solid Gospel satellite music programming, local spots, slogan of *Spreading the Word - WFMH 1460.* (JS-AL)  
 1480 WFXW IL **Geneva** - 2/10 0801 - Fair signal out of the pile, with ID: *AM 1480 WFXW Geneva, with information you need. News, sports, weather and classic hits close to home from Geneva-St. Charles and Batavia-Elgin-Aurora and points in between into ABC News.* (LB-MO)  
 1490 KEYG WA **Grand Coulee** - 2/15 0840 - Good signal, on top, with local ads and announcements and clear KEYG ID. (VAL-DX)  
 1640 KDIA CA **Vallejo** - 2/13 1000 - Call letter change. Surprised me with *KDIA 1640 AM Stereo, Vallejo, Oakland, San Francisco.* Many IDs while listening. Also *Solid Gold Soul* many times. Format seems about the same, if not with more variety. (DP-OR)



## 1600 TO 2400 HOURS ELT

- 530 CIAO ON **Brampton** - 2/14 1836 - Good signal, with local talk program in ?? language, with several mentions of *Toronto.* (VAL-DX)  
 540 WQTM FL **Pine Hills** - 2/14 1937 - Poor signal, in CBK, null with sports programming and ID as *Sports Radio WQTM.* NEW!! (VAL-DX)  
 580 WKTY WI **La Crosse** - 2/14 2143 - Fair signal, in partial CKY null, with weather report and ID. (VAL-DX)  
 680 KNBR CA **San Francisco** - 2/14 2333 - Fair signal, in CJOB null, with ESPN programming and local ads. (VAL-DX)  
 810 WHB MO **Kansas City** - 2/14 2122 - Fair-to-good signal, in CKJS null, with Spanish-language programming. (VAL-DX)  
 950 WIDB IL **Chicago** - 2/14 1840 - Poor-to-fair signal, in CFAM null, with 1-on-1 Sports and clear WIDB ID. NEW!! (VAL-DX)  
 1050 KLOH MN **Pipestone** - 2/14 2040 - Poor signal, with country music weather. (VAL-DX)  
 CHUM ON **Toronto** - 2/14 2110 - Fair signal, in total CKSB null, with oldies and *Chum* IDs. (VAL-DX)  
 1250 KIKC MT **Forsyth** - 2/14 1730 - Good signal, in CHSM null, with country music and several IDs. This becomes dominant once CHSM is nulled. (VAL-DX)  
 1290 WMCS WI **Greenfield** - 2/14 1830 - Poor signal, in a mess in CIFX null, with clear ID. (VAL-DX)  
 WKLJ WI **Sparta** - 2/14 1835 - Poor signal, in mess in CIFX null, with news and clear ID. (VAL-DX)  
 1370 KZSF CA **San Jose** - 2/17 2357-0001 - Heard VID in EE with SS accent; rest of programing in SS. (BK-CA)  
 1590 WPVL WI **Platteville** - 2/14 2141 - Fair signal, with local basketball game and clear ID. NEW!! (VAL-DX)  
 1600 KMJM MO **St. Louis** - 2/14 1755 - Good signal, with gospel music and IDs as *Gospel Sixteen Hundred.* (VAL-DX)

1640 KDIA CA Vallejo - 2/14 1930 - Good signal, with Golden Bears basketball and ID. (VAL-DX)

### DDXD-East

Deadlines for DDXD-East are on Tuesdays. This month, that means March 3, 10, and 24. Conditions starting to slow down now ...

#### STATION NEWS

800 CKLW ON Windsor - 2/8 - Adds both the Art Bell prgrams, per "Dreamland" today. (DP-HI)

810 WGY NY Schenectady - 2/15 - Adds Art Bell per show today, replacing WOR Network's Joey Reynolds. (DP-HI)

960 WFIR VA Roanoke - Add this to the Virginia Tech list in no. 17, also WINF- VA. (SK-PA)

980 WILK PA Wilkes-Barre- 2/8 - Adds Art Bell, along with sister stations WGBI- 910, WPMR-960, and WXPX-1300. Per show today. (DP-HI)

1270 WXYT MI Detroit - Per Web page, station has dropped Tom Leykis and Art Bell. Now airs Dr. Dean Edell tape-delayed at 2106-2200. (DP-HI)

1300 WJFK MD Baltimore - Now has Wrestle Talk America Saturdays at 2000, Tom Leykis Mon-Fri at 0400-0600 and two more hours on the weekend. The New Age jazz is gone from weekdays, now only late nights on weekends. Also has "Smoke This" Saturdays 2200. (SK-PA)

WLIR NY Spring Valley - Another bad address. (SK-PA) [I drive by the towers all the time, so I'll have to check this out. - DY]

#### UNID and UNID HELP

740 WGSM NY Huntington - This is probably WM-MD's unID in no. 18. They usually ID only as "Radio Disney 740" or "WM/JC 94.3." They are my local pest and I've been complaining for the past two weeks that they have been forgetting to cut power at sundown, and that their transmitter needs servicing because their signal splatters all over the dial. (MD-NY)

UNID - — - 2/9 2123 - Basketball game, Cyclones vs. Cowboys, ad with phone number 793-7030 "at the ... Mall," alternating with a CBC station on different feed than dominant CBL. (SK-PA)

770 UNID - — - 1/25 0305-0314 - One on One Sports weak under WABC, disappeared when the two SS stations normally under WABC returned 0320. Maybe WWCN? (MD-NY)

890 UNID - — - 2/9 0727 - News in FF, from Radio France International. Not // any Montreal station. US? Poor. (GM-PQ) [Maybe WBPS, they do brokered ethnic programming. - DY]

960 UNID - — - 2/13 1737 - Poor in fight with the usual suspects (WFIR, CFFX) with non-ID "This is The Choice," into FM-type AOR. Sounded like an FM simulcast. Suspect WTCH as its calls would fit the slogan. (MB-ON)

1020 UNID - — - 2/11 0650 - C&W, mostly over KDKA for about 5-6 minutes, then back under. (RJE-PA) [WKZE? - DY]

1030 UNID - — - 2/13 0105 - Urban gospel style music, no ID in almost an hour, fair under WBZ. (GM-PQ) [WWGB testing, see logging below. - DY]

1150 UNID - — - NC and SC weather, talk, over/under WDEL, WBAG. My best guess is WAVO. (RJE-PA)

1350 UNID - — - 2/5 0635 - News, weather, mention of North Carolina Farm Bureau, over/under WGPL. At least 2 to choose from. (RJE-PA)

1420 UNID - — - 2/12 0640 - SSB by (likely) Oak Ridge Boys, subsequent announcement garbled by WCOJ, WLIS. Nothing listed to sign on at this time. (RJE-PA)

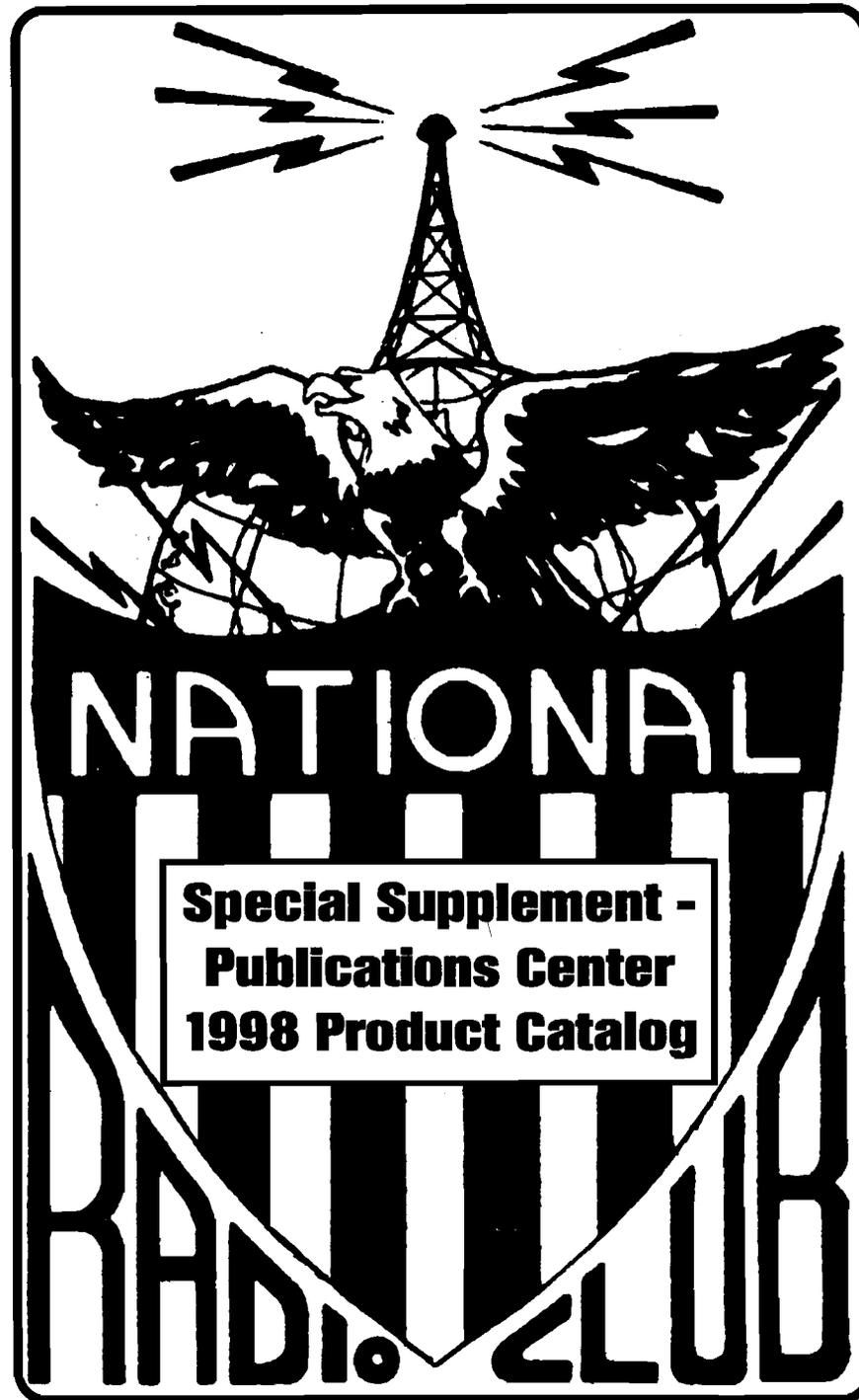
1430 WTTT MA Amherst - This is most likely GM-PQ's unID in no. 17. (SK-PA)

1550 UNID - — - 2/9 0657 - SS music, got blasted by WNTN sign-on. (GM- PQ) [WRDM. - DY]

UNID - — - 2/10 0655 - Canned ID "Great songs, great memories, AM 950 and AM 1550," NOS music. (SK-PA)

UNID - — - 2/11 0230-0325 - SS station mostly over CBE. Ballads to mildly faster vocals, no ID's or talking at all. Non-US? (SK-PA) [More likely WRDM, heard nightly here. - DY]

(continued on page twenty)



This special pull-out section will allow NRC members to have access to ordering information for current reprints, other products, and all publications from NRC. If you need any information on products that may still be available but are no longer listed in this catalog, please order ZAL (NRC ARCHIVED PUBLICATIONS LIST). These are items which are dated or have been superseded, including bandscans and early technical articles.

*Remember, each purchase benefits the non-profit National Radio Club*

#### Publications

**NRC AM Radio Log 18th Edition** - Order Item ARL

Holding the price to our members. Over 8000 updates since the 17th edition!!! This 18th Edition is the 1997-1998 DX Season's edition of the hobby's original BCB reference for the U.S. and Canada. Packed with the quick reference station data that you've always loved. It includes cross references by city and call letter.

**Verie Signers List** - Order Item VSL

**NRC Night Pattern Book** - Order Item NPB - It's HERE!

Totally redone, 200+ pages with patterns for stations in the U.S. Canada and parts of Mexico! Three hole punched and updated through January 1, 1996. This book is designed to be used with the *AM Radio Log*.

**AM Station Location Maps 4th Edition** - Order Item SLM

Newly Revised for 1998!

Edited by Bill Hale. Contains maps for all frequencies with locations noted for every station in the USA and Canada. 8 1/2" X 11" format, three hole punched. Now includes latitudes & longitudes for every station in the U. S. A. and Canada. Large type with formula and instructions by NRC'er Dave Sundius. Designed for use with the *NRC AM Radio Log*.

**FM Atlas** - Order Item FMA 17th Edition

Dr. Bruce Elving's new 17th Edition. Contains listings by frequency and alphabetical listings by state. state by state location maps. Translators are listed by state. Entries include power, antenna height and format.

**Getting Started in Medium Wave DX'ing** - Order Item NMB

Updated in 1995. This booklet is designed to assist the novice DX'er in pursuit of the hobby. It includes introductory articles on foreign and domestic DX'ing. Articles on QSL'ing, safety and DX gear are also included. (This book is FREE with a new membership in the National Radio Club)

**Beverage and Longwire Antennas Design and Theory** -

Order: BAM

This manual is a compilation of numerous articles on the subject of design and theory of the beverage and longwire antennas that have appeared through the years in *DX News*. Some articles are available as reprints.

This book gives details information on the theory of operation, construction and maintenance of a beverage antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 5 1/2" X 8 1/2" booklet format.

#### BAM Contents:

The Coolum Beach Beverage 1983  
Analysis of the Beverage Antenna  
Part 1- Basic Theory  
Part 2- Two-Wire Phased Antennas  
The Florida Beverage  
The Care and Feeding of the Wave Antenna  
A Non-Resonant Longwire Remote From Earth Ground

**Loop Antenna Design and Theory** - Order Item LAM

*Revised and updated in 1996.*

This manual is a compilation of numerous articles on the subject of design and theory of the loop antenna that have appeared through the years in *DX News*. This book gives detailed information on the theory of operation, construction and maintenance of a loop antenna. Serves as an enhancement to Antenna Reference Manuals Volume 1 and 2. 8 1/2" X 11" bound book format.

#### LAM Contents:

Multi-Rod Ferrite Loop Antennas  
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Loop Antenna Theory and Practice  
Long Wave Converter Detail  
Loop Distortion Why get Skewed?  
Pattern Controlled Loops  
High Dynamic Range Balun Loop  
BFE-C Loop Amplifier Card  
The Hot Rod- Ferrite Loop Antenna  
Loop Antenna Sensitivity  
High Precision Direction Finding of MW Skywave Signals  
High Performance General Purpose Loop Amp  
What's Wrong With Present Day Loop Antennas?

**Antenna Reference Manual Volume 1** - Order Item ARM1

*Revised and updated for 1996.*

This manual is a compilation of numerous articles on the subject of antennas for medium wave DX'ers. Originally published between 1969 and 1974 in *DX News*. Includes articles on air-core and ferrite core loops, antenna tuners for longwire and beverage antennas and antenna couplers. This is the original book which has been available for several years. 8 1/2" X 11" bound book format.

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NRC Two Foot Loop

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One Transistor Loop amplifier

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Degenerative Loop - An Excellent Antenna Coupler

The Hawk Loop

Alternative Methods of Air Core Loop Amplification

**Antenna Reference Manual Volume 2** - Order Item ARM2

*Revised and updated in 1996.*

This manual is a compilation of numerous articles on the subject of antennas for medium wave DX'ers. Originally published between 1974 and 1981 in *DX News*. Some articles were formerly available as reprints. Includes articles on air-core and ferrite core loops, antenna tuners for longwire and beverage antennas and phasing units for use with beverages and longwires. 8 1/2" X 11" bound book format.

#### ARM2 Contents:

A Good Loop is Easy (and Cheap) to Make  
The "Harley Loop"  
Whip Antenna Coupler for Portable Receivers  
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AC Power Supply for FET Loop Amplifiers  
Antenna Phasing  
FET Loop Amplifier with Coaxial Output  
Practical Phased Beverages  
Phasing Unit Construction and Use  
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More Thoughts on Beverages  
Floor Stand and Mounting Arrangements for Loops

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with features by Mark Connelly WA1ION

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**The Season of DXpeditions** - Autumn 1996 Order SDP

Compiled by Chuck Hutton, Bruce Conti and Mark Connelly

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Map of the U.S. and partial Canada with state and provincial borders. Cities are not shown.

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#### Antennas

Many articles formerly in this section are in the Loop and Beverage Manuals.

A2 A Zero Sharpening Device for a BCB Loop. T. Holmes. If you're having trouble obtaining sharp nulls with a standard loop, this simple device may help. (1)

A3 A Versatile Longwire Antenna Coupler. R. Foxworth. How to get the maximum amount of signal from your longwire. (3)

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A10 A California Beverage. Fr. Jack Pejza. Results obtained at this Beverage site. (2)

A12 The Vertical Pickup Pattern of the MW Loop Antenna. G.P. Nelson. Information for those doing horizon blockage experiments with a loop antenna. (4)

A13 Using Two Antennas to Generate Asymmetrical Receiving Pattern. M. Levintow. Shows a simple way to skew your loop's pattern to effect a null that will permit reception of a station impossible to receive on a figure-8 loop antenna by itself. Reprints A5 and A6 are a requirement for understanding this technique. (3)

A14A New Medical Breakthrough for Longwave Ta's. C. Clayton. Instructions on how to build an inexpensive loop antenna for LW. (1)

A15 Review of the Dymek DA-3 Antenna. Pete Taylor, with notes by R. J. Edmunds. Evaluation of this MW antenna. (4)

A16 More on Beverage Antennas. Wes Boyd. Beverage antenna theory and application. (2)

A17 More Ferrite Loop Antenna Info. Dallas Lankford. Inconsistencies in ferrite-core loop antenna theory. (3)

A19 NEBE: The Nebraska Beverage. D. Fischer, C. Dabelstein, R. Mitchell. Results at the Nebraska Beverage site. (7)

A20 The LSCA-1. Ron Schatz. Construction plans for the Loop Sense Cardioid Array. Should yield a unidirectional receiving pattern when operated properly. (10)

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A30 Remotely Tuned Directional Loop Antenna. E.L. Cummins. Loops ideas for building where interior mounted loops will not work. (11)

A31 Simple Cheap and Effective Preselector Longwire Tuner-amplifier. B. Sherwood. Schematic and brief instructions are given. (3)

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A34 Some Antenna Experiments - Part 1. W.R. McIntosh. Ever heard of a Helical longwire? This article deals with compact antennas for use where space is limited. (3)

A35 The Phase One - A Delay Line Phasing Unit. Gerry Thomas. Description of an improved phasing unit design that can be built or is available in kit form. (3)

A36 Loop-longwire Combined Antenna. P. Swain. "Sensing" antennas for DXing and direction finding. (3)

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A42 The MWT-1 Family of Antenna Tuners. Mark Connelly. Construction plans for the MWT-1, Mini MWT-1A, 1B and 1C antenna tuners (28)

A43 RT-1 Remotely-tuned Antenna Tuner. Mark Connelly. Description and construction plans. (10)

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A52 Computer-Aided Antenna Tuner Design. Mark Connelly. This BASIC computer program determines which component values are used in your antenna tuner. Tuner schematics included. (7)

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A54 The Mitchell Lee Amplifier: Two Tuner Implementations. Mark Connelly. Technical article. Tuner circuits using this amplifier. Reference also A47. (5)

A55 Hotrodding the Mini-MWDX-3 Phasing Unit. Mark Connelly. Technical article. More on the Mini-MWDX-3. Requires reprint A44. (3)

A57 Micro-MWDX-4A Loop vs Wire Phaser. Mark Connelly. Connelly. Technical Construction Article. (11)

A59 LIL-1. Dallas Lankford. Construction plans for a new circuit for combining a loop and inverted L antenna to generate a cardioid pattern. (3)

A60 Medium Wave, a Practical Approach. Graham Maynard. This is a consolidation of articles that were first published by the Medium Wave Circle of England. It outlines the authors construction of his MW DX receiving set-up. (12)

A61 MWDX-5 Phasing Unit. Mark Connelly. The latest series of Phasing Units. Construction article. (11)

A62 MINI-MWDX-5. A Simple Phasing Unit. Mark Connelly. Construction article. Similar to the MWDX-5 but simpler. A61 recommended (3)

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A87 Ultralinear 2N5109 AND 2N3053 Amplifiers. D. Lankford. Technical article with instructions/schematics. (15)

A88 Ultralinear Amplified One Meter Whip Antennas. Dallas Lankford. 1994 - complete instructions & diagrams for 2 one meter antennas. (19)

A89 The Full-size, Full-performance Loop. R. Moore. A history & explanation of loops & the author's current design. (10)

A90 Antenna Experiments - summer 1994. Mark Connelly. Tests to help you choose for your needs. (5)

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A92 Phased Noise Reducing Antennas by Russell Scotka (7)

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A10	2	---	A67	9	---	D19	3	---	M9	1	---	P22	2	---	R34	4	---	R80	7
A12	4	---	A68	6	---	D20	4	---	M10	3	---	P23	11	---	R35	2	---	R81	1
A13	3	---	A69	10	---	D21	1	---	M11	3	---	P24	33	---	R36	11	---	R82	1
A14	1	---	A70	20	---	D22	2	---	M12	5	---	P25	3	---	R37	4	---	R83	6
A15	4	---	A73	21	---	D23	2	---	M13	4	---	P26	3	---	R38	10	---	R84	5
A16	2	---	A75	8	---	D25	3	---	M17	1	---	P27	3	---	R39	1	---	R85	3
A17	3	---	A77	11	---	D26	3	---	M18	3	---	P28	3	---	R41	3	---	RR1	2
A19	7	---	A78	2	---	D27	1	---	M20	3	---	P29	12	---	R42	15	---	RR2	3
A20	10	---	A79	16	---	D28	6	---	M23	1	---	P30	9	---	R43	9	---	RR3	2
A25	4	---	A80	3	---	D29	2	---	M25	1	---	P32	15	---	R44	2	---	RR5	2
A27	10	---	A81	3	---	D30	2	---	M30	4	---	P33	11	---	R46	3	---	RR8	3
A29	7	---	A83	24	---	D32	6	---	M31	2	---	P36	9	---	R47	1	---	RR9	9
A30	11	---	A84	12	---	D33	2	---	M32	3	---	P37	6	---	R50	1	---	RR10	4
A31	3	---	A85	9	---	D34	5	---	M33	1	---	P38	2	---	R51	1	---	RR13	5
A33	4	---	A86	21	---	F1	9	---	M34	12	---	P39	1	---	R52	1	---	RR14	7
A34	3	---	A87	15	---	F2	2	---	M37	4	---	P40	3	---	R53	3	---	RR15	3
A35	3	---	A88	19	---	F3	2	---	M39	6	---	R1	10	---	R54	3	---	RR16	7
A36	3	---	A89	10	---	F4	4	---	M40	12	---	R2	21	---	R55	10	---	RR18	7
A38	5	---	A90	5	---	F5	5	---	M41	2	---	R3	6	---	R56	4	---	RR19	5
A39	2	---	A91	1	---	F6	4	---	M42	3	---	R5	4	---	R57	6	---	RR20	1
A40	8	---	A92	7	---	F7	5	---	P1	29	---	R6	4	---	R58	1	---	RR21	2
A41	2	---	A93	8	---	F8	2	---	P2	3	---	R9	7	---	R59	3	---	RR22	2
A42	28	---	A94	24	---	F9	2	---	P3	2	---	R10	1	---	R60	1	---	RR23	2
A43	10	---	A95	10	---	F10	2	---	P4	3	---	R11	3	---	R61	1	---	RR25	4
A44	21	---	A96	15	---	F12	2	---	P5	7	---	R13	2	---	R62	5	---	RR28	2
A45	25	---	A97	6	---	F13	10	---	P6	5	---	R14	3	---	R63	1	---	RR29	18
A46	1	---	A98	3	---	F14	3	---	P7	3	---	R17	7	---	R64	1	---	RR30	2
A47	6	---	A99	4	---	F15	4	---	P8	3	---	R19	2	---	R66	4	---	RR31	7
A48	1	---	D2	4	---	HRL1	6	---	P9	3	---	R20	13	---	R67	2	---	RR32	5
A52	7	---	D3	1	---	HRL2	4	---	P10	10	---	R22	4	---	R68	2	---	RR33	6
A53	7	---	D4	3	---	HRL3	2	---	P11	16	---	R23	1	---	R69	7	---	RR34	2
A54	5	---	D5	1	---	HRL4	1	---	P12	3	---	R24	2	---	R70	6	---	RR35	8
A55	3	---	D6	3	---	HRL5	1	---	P13	8	---	R25	6	---	R71	1	---	RR36	1
A57	11	---	D9	2	---	HRL8	2	---	P14	10	---	R26	1	---	R72	5	---	RR37	1
A59	3	---	D10	4	---	M1	1	---	P15	9	---	R27	4	---	R73	1	---	RR38	3
A60	12	---	D11	15	---	M2	1	---	P16	10	---	R28	7	---	R74	7	---		
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**For Overseas Airmail Rates:** To the Caribbean/Latin America: Add US\$ 1.00 to all items under \$5.00. Add 20% to all items over \$5.00. To Europe Add US\$ 1.50 to all items under \$5.00. Add 30% to all items over \$5.00. All other areas Add US\$ 2.00 to all items under \$5.00. Add 40% to all items over \$5.00.

- A96 Two Remote Active Antennas - RL-1 Remotely Tuned Loop and RWL Remotely Tuned Whip by Mark Connelly (15)
- A97 Investigation of Regenerative Tuner Design: The MWT-3S by Bruce Conti-edited by Mark Connelly (6)
- A98 Test Report - The JPS ANC-4 Antenna Noise Canceller by Mark Connelly (3)
- A99 Loop Showdown KIWA VS RSM-105 by Mark Connelly (4)

#### Domestic DX

- D2 It Takes Two to Verify, Plus Helpful Hints. J. Murley and R. Schiller respectively. Article on the station's attitude toward reception reports and veteran DX'er Schiller's tips on increasing your returns. (4)
- D3 The DX TEST from a Station's Viewpoint. Bill Croghan. Hints from a broadcaster arranging DX tests and obtaining more verifications. (1)
- D4 What Is a Pre-sunrise Authorization ? R. J. Edmunds. An Explanation of PSRA's. (3)
- D5 Long Distance Reception of DX Tests. F. Dailey. Proven techniques. (1)
- D6 Making the Best out of Prepared-Card Veries. Kelly Andrews. The verie collector's last resort, with numerous samples. (3)
- D9 The NSP Situation. J. Starr. A look at this problem from the broadcaster's side of the fence. (2)
- D10 DX from the Twilight Zone. P. Sullivan. Sunrise and Sunset Skip explained (4)
- D11 Graveyard DX, R. Foxworth, with additions by M. Levintow. DX'ing the local channels with results. (15)
- D12 Canadian Family Life...It's Twins. J. Oldfield. Explains station "families" in Canada. List of Station groupings as of 1980 (3)
- D13 The Post-Sunset Authority, a Daytimer's Dilemma Jerry Starr. A discussion on "PSSA's". (4)
- D16 Sunrise Skip. R. Kramer. Practical how to info. includes pre-sunrise authorities (psra), station allocations on clear channels and auroral effects. (7)
- D17 The World's Highest-Powered Stations. Mike Burden. From Radio Luxembourg's 1933 150KW transmitter to the mega-watters of today; includes WLW, Doc Brinkley, and more. (3)
- D18 QSL'ING the Locals. Skip Arey. Extracting veries from your local stations. (1)
- D19 How to "Up" Your Totals! John J. Rieger. An antidote to "DX burnout" and proof that there is DX after the first 1000 catches! (3)
- D20 Who's on First? Bruce Conti. Who was the first broadcasting station in history...? (4)
- D21 What Makes for a DX Test? Wayne Heinen. A look at what happens at a radio station during a DX test (1)
- D22 Format Futures. Chris Cuomo. What radio formats may look like in the 1990s. (2)
- D23 Satellite Programming. Ed Ryan. A look at how it works. (2)

- D25 A Seventeen-Point Plan for an Improvement. Doug Smith. A fix to the AM broadcasting service as we know it? (3)
- D26 Once upon a Time. Ben Dangerfield. What happened years ago in DX, the NRC, and the world! 1963 was an amazing year. (3)
- D27 The Stevenson Log. Gene Martin. The broadcast band in February 1926. (1)
- D28 Sunset DXing from the West Coast. Guy Kudlemyer. Becoming a pro at catching stations at sunset. (6)
- D29 DXing Tips Using Satellite Services. D. Schmidt (2)
- D30 Travelers Information Stations. Rules and Regulations governing these numerous low-power broadcasters. (2)
- D32 U. S. A. Digital Radio (In-band, On-channel). Official descriptions. (6)
- D33 Bad Weather! Use it to Your Advantage. by Dave Schmidt. (2)
- D34 Piracy on the Medium or High Frequencies (And Not Walk the Plank) by John D. Bowker. (5)

#### Foreign DX

- F1 DXing Central, South America and the Caribbean. Mark Connelly. Listings, by frequency, of the best bets from these areas, along with the original Connelly, DeLorenzo, Kazaross article "DXing Latin America and the Caribbean." (9)
- F2 TA Tips for Beginner. Dave Yocis. Your first Trans-Atlantic receptions ! (2)
- F3 Portuguese for DX'ers. R.Schatz. Describes the important features of this language. (2)
- F4 TA DX'ers Guide to Sunrise-Sunset Times. Mark Connelly. Reference to SRS-SSS times with extensive tables for many locations. (4)
- F5 Hunting Latins by Music. R.Schatz. Describes types of LA music from various countries and how to ID stations using this information. (5)
- F6 Zonal-Analysis Approach to TA DX. Mark Connelly. A systematic method of grouping TA countries to help the DX'er recognize different types of openings and improve TA reception. (4)
- F7 Zonal-Analysis Approach to Pan-American DX. Mark Connelly. Similar to F6, with the emphasis on the Eastern U.S. loggings of LA and South American stations. (5)
- F8 Station Identification. Tips on how to ID stations in nearly 50 languages! (2)
- F9 Some Easy TA'S. Dallas Lankford. (2)
- F10 ID'ing Japanese Broadcast Stations. Charles Taylor. Hints to help, without actually knowing the language! (2)
- F12 Common Sense TA DX Strategy. Mark Connelly. Practical hints are given for hearing Trans-Atlantic stations. (2)
- F13 The Odds on Even TA'S. Mark Connelly. The possibility of hearing TA's on channels shared with domestic stations. (10)
- F14 Your First 30 Countries in English. Mark Connelly. Listed by country. (3)
- F15 Caribbean MW DX Guide. Mark Connelly. Listed by country. (4)

#### Hobby Reference Lists

- Some reprints formerly in this section are found in *Station Location Mapbook* (SLM)
- HRL1 National Radio Club Common Abbreviations List (6)
- HRL2 Cuban Medium-Wave Broadcast Stations (This list recently revised) (4)
- HRL3 U.S. Postal Service 3 digit ZIP codes (2)
- HRL4 North American Time Zones to UTC Conversion Chart. (1)
- HRL5 Frequency and Power Relationship Chart. Shows average coverage radius for various powers at BCB frequencies. (1)
- HRL8 NRC Countries List edited by Al Merriman (2)

#### Miscellaneous Articles

- M1 Local Sideband Splash: How Much Is Too Much? G.P. Nelson. This article describes FCC regulations on sideband radiation on the Medium Wave band and types of station-originated spurious radiation. (1)
- M2 Modulation Arcing J. Starr. Describes a frequent but rarely discussed cause of medium wave interference originating at the station. (1)
- M3 Sunrise-sunset Tables. G.P. Nelson. These charts allow determination of accurate time of sunset and sunrise at any point in the world on any date. (9)
- M4 RF Interference and the Home Computer. Bill Krause, ANARC. Home computers will cause interference on your DX rig unless precaution are taken; solutions are discussed. (2)
- M5 Unrestricted Radiation. G.P. Nelson. Discussion of carrier current stations and how to hear them. (3)
- M6 RF Pollution. G. Hauser. General discussion of the radio interference problem and steps necessary to control it. (2)
- M7 Patterns, Parts I, IIA, IIB. P. Hart. These articles explain in detail what patterns mean and understanding their relationship to DX'ing! (34)
- M9 More on How Directional Antenna Patterns Are Produced. Wes Boyd. Supplementary information to the articles contained in the 1980 edition of the *NRC Night Pattern Book*. (1)
- M10 Supermodulation and Effects on DX'ing.. Steve Kennedy. Discussion on the problem and its affect on DX'ing. (3)
- M11 Terrain Charts for Propagation Predications M. Connelly. This article details how to prepare a chart of a DX'ers surrounding terrain which can help enhance or diminish reception. (3)
- M12 Noise Levels and Usable Receiver Sensitivity. C. Hutton. Technical discussion of the effect of noise on receiver sensitivity. (5)
- M13 Great Circle Calculations Revisited. Mike Tuggle, with an addendum by R.N. Allen. An explanation, how to figure distance and direction of stations mathematically, with a computer program to figure the Great Circle paths. (4)

- M17 Some Thoughts on Interference. Skip Arey. A simple modification to eliminate noise from light dimmers. (1)
- M18 Manmade Interference on the BCB. Dallas Lankford. A systematic approach for evaluating a current or future DXing location in terms of man-made noise levels. (3)
- M20 The Log Book. John J. Rieger. Organizing your log book. (3)
- M23 WBBN Radio: Yesterday and Today. Chuck Schaden. A book review (1)
- M25 Music in the Air, by Philip K. Eberly. Reviewed by Armand DiFilippo. (1)
- M30 The Golden Age of DX'ing. John Clements. Were the years 1969 thru 1975 the Golden Age of DX'ing? You decide. (4)
- M31 All about Wavelength. John D. Bowker. Wavelength versus frequency. An explanation. (2)
- M32 Standards Time and Frequency. via Pete Kemp. Time and frequency stations located on longwave. List by frequency. (3)
- M33 AM Radio in High Fidelity. John D. Bowker. Find out the reason why AM sounds so bad and what can be done to fix it. (1)
- M34 Mystique of the Three-letter Call. Thomas White via Pete Kemp. The Historic Roll Call and Current Status. (12)
- M37 Noise Some Causes and Some Cures. Wayne Heinen (4)
- M39 Four Software Pieces for MW DX'ers G. Kudlemyer. Review of programs for Macintosh Computer Owners. (6)
- M40 Pioneer Broadcasting Stations in the US. Thomas White A comprehensive history of U.S. Radio including the oldest 127 stations still in operation with starting dates. (12)
- M41 RFI from Household Electronics by Perry Crabill, Jr (2)
- M42 An Introduction to Longwave DXing by Shawn Axelrod (3)

#### Propagation

- P1 Medium Wave Signal Paths, Parts I, II, III, and IV. G. P. Nelson. Discusses Great Circle paths, seasonal absorption patterns, auroral effects and the Mid-Winter Anomaly. (29)
- P2 Solar Control of Dawn E-blanking on the MW BCB. G. P. Nelson. Explains how the position of the sun controls the fadeout time of TA's and TP's. (3)
- P3 East-West Symmetry and the Fade-in Problem. G. P. Nelson. Explains how the sun controls the fade-in times for MW stations. (2)
- P4 Summer Reception on the Broadcast Band. G. P. Nelson. First article describing the seasonal patterns in solar terminator location which makes summer MW reception from deep South America and Africa possible. (3)
- P5 Meteorological Effects on MW Groundwave Reception. R. J. Edmunds. Short term variations in groundwave propagation at MW frequencies and their relationship to weather conditions. (7)
- P6 Auroral Effects and the 1969 Trans-Atlantic Listening Test. G. P. Nelson. A description of

- how the geo-magnetic and auroral phenomena control TA reception from various stations. An introduction to auroral effects. (5)
- P7 The Aurora of November 6-9, 1970. G. P. Nelson. Traces a classic auroral attack from its origin on the sun to its effect on MW reception. (3)
- P8 Comparative Measurements of Geomagnetic Indices. R. J. Edmunds. A three-month comparison of A-index measurements as reported by several major observatories as they relate to each other. (3)
- P9 Skywave or Groundwave Reception? G. P. Nelson. How to tell whether the signal from a station is arriving via ground wave, skywave, or both. (3)
- P10 A Beginner's Guide to the Ionosphere. Fr. Jack Pejza. This article explains the processes which change the ionosphere and the effects of these changes on radio wave propagation. (10)
- P11 The Limits of Midday MW DX. G. P. Nelson. Comprehensive article describing the factors which influence radio wave propagation and reception during the late morning and early afternoon hours. (16)
- P12 Limitation on the Use of the A-index. G. P. Nelson. An explanation of the A-index as a DX'er's tool. (3)
- P13 BCB Reception During Periods of High Auroral Activity. G. P. Nelson. Describes research into the effects of the aurora on MW propagation. (8)
- P14 Skyline Blockage Fr. Jack Pejza. Mathematical derivation of the formulas needed to calculate the effect which terrain has on signals. (10)
- P15 Skyline Blockage, Sources of Uncertainty. G. P. Nelson. Takes into account the possibility of signal propagation by some less common modes which are subject to blocking by the horizon. (9)
- P16 Horizon Blockage: Can Fresnel Diffraction Be Ignored? G. P. Nelson. This article shows how signals that should be blocked by the horizon can sometimes be heard. (10)
- P17 Transpolar DX Reception. R. J. Edmunds. This technical article relates to the transpolar reception of central and eastern Asiatic stations at sunset in North America. (27)
- P18 Observations of Trans-atlantic MW Radio Signals. C. W. Bailey. The results of a lengthy survey of TA receptions made over a one-year period. (3)
- P19 Propagation at MW Frequencies. P. Sullivan. Discusses some aspects of the factors which control signal reception on the BCB. (6)
- P20 Factors of MW Propagation. F. Dinning. Discussion of the nature of MW propagation. (6)
- P21 Domestic Propagation-answers to Frequently Asked Questions. R. J. Edmunds. A discussion on some of the propagational factors that affect domestic reception. (1)
- P22 Review of Solar Activity for the MW DX'er. R. J. Edmunds. An explanation of the

Fredericksburg A-index as well as its use in the hobby. (2)

- P23 Medium Wave Ionospheric Propagation Plus the Sequel To R.Schatz. These articles take a different approach to propagation and presents new terms and theory. (11)
- P24 Terminator Transit Mechanix. R.Schatz. Parts I, II, III, IV AND IV-A of a series which the author states features practical techniques to hear new stations; techniques never before available. (33)
- P25 Sunspot Cycle 21 - the Peak - How Much and When. O. Oklehen, H. R. REPORT. This article, through careful predictions, shows how the next peak in solar activity will be one of the most severe in recent history: Includes additional comments by R. J. Edmunds. (3)
- P26 Atmospheric and Galactic Noise on the BCB. Dallas Lankford. A discussion on the amounts of various types of noise, Compared to receiver sensitivity (3)
- P27 On the Nature of Science and Theories of BCB Propagation. Dallas Lankford. Discussion of several theories, concentrating on the controversy concerning the degree of the arrival angle of signals propagated over long distances. (3)
- P28 DXing the 1984 Solar Eclipse. Gerry Thomas. One DX'er's experiences during this rare DXing opportunity. (3)
- P29 On Oblique Propagation. Dallas Lankford. Very technical discussion on the theory of oblique incidence nighttime ionosphere at BCB frequencies. (12)
- P30 Medium-Wave Oblique Propagation - Another View. Randall J. Seaver. Some different interpretations are presented on this subject, as well as examples of MW propagation analysis using the Knight Wave-Hop method. (9)
- P32 Relationships Between Solar Activity, the Earth's Magnetic Field, and MW DXing. Randy Seaver. General characteristics of geophysical phenomena are addressed, in order to understand relationships between the sun, the geomagnetic field, and high-latitude DX. (15)
- P33 Sea Gain. Randy Seaver A discussion of the propagation phenomena. (11)
- P36 M.F. Propagation: A Wave-hop Method for Ionospheric Field Strength Prediction. P. Knight. A method for calculating the strength of medium-wave frequency sky-wave signals at night. (9)
- P37 Beamiac-a-Deluxe+ Great Circle Bearing Distance Computer Program. Mark Connelly. A "basic" computer program. (6)
- P38 The Effects of Weather on the Ionosphere. Jack Woods. A discussion on weather and MW propagation. (2)
- P39 Ground Wave, Sky Wave. John D. Bowker. A simple explanation of these term. (1)
- P40 Tracking the 1994 Solar Eclipse by Radio by Ken Chatterton (3)

### Receiving Equipment and Techniques

- Some articles previously in this section are available in "The Challenging Crystal Set"
- R1 Spurious Signals & Spurious Signals Revisited. R. J. Edmunds and G. P. Nelson. Many DX'ers hear stations on frequencies where they don't belong. Article describes causes and cures of spurious MW signals. (10)
- R2 Single Sideband Reception on the BCB with Mechanical Filters. G. P. Nelson. Few commercial receivers covering the MW band have adequate selectivity to cope with MW interference--particularly in the presence of powerful local stations. Explains how to add mechanical filters to an existing receiver for the ultimate in adjacent channel rejection. (21)
- R3 Subaudible Heterodynes on the MW BCB. G. P. Nelson. Details on a technique to permit the MW DX'er to detect and characterize signals too weak to hear at the time; allows the DX'er to count the number of stations on a channel--even if no programming is audible and permits direction-finding on channels with several stations present. (6)
- R5 The Tracking Problem and How to Cure it. G. P. Nelson and T. Holmes. Many excellent receivers are poorly designed for MW DX operation. This article describes one of the most common design faults and how to cure it. (4)
- R6 Electronic Vernier Tuning. R. Moore. Detailed instructions on how to fit a varactor to a MW receiver to provide fine bandspeed. (4)
- R9 Receiver/ Accessory Interfaces Made Simple and Cheap. R.J. Edmunds. A discussion of methods of interconnecting DX equipment. (7)
- R10 Up the Carrier. W. Bailey. Dig the weak DX out of the mud with this form of exalted carrier reception. (1)
- R11 Precision Frequency Measurement. R. Schatz. How to use the frequency counter. (3)
- R13 Single Sideband Receiving Adapters. T. Sundstrom. How to sharpen your receiver's IF bandpass using a B&W 370 receiving adapter. (2)
- R14 Review of the Autek Q-Box. T. Sundstrom. Describes the uses of this noise filtering device and its applications in MWDX. (3)
- R17 Build Your Own Audio Filters. P. Sullivan. A technical theory and construction article on inexpensive homebrew audio filters. (7)
- R19 A Brief Review of the Autek QF-1 Audio Filter. C. Hutton. A non-technical review of this noise and interference filter. (2)
- R20 A Frequency Counter for Receiver Tuning. R. Foxworth. A very thorough paper on digital readouts and what to look for in various models. Discusses technical theory and provides circuitry to enable the Experimenter to build a counter for use as a "digital dial". (13)

- R22 The Lynodyne Crystal Wireless Receiver. R.W. Tuggle. The concepts of vintage crystal radio are incorporated in these construction plans for a simple receiver, offered as a sporting alternative to modern receivers; yet it has the potential for real DX. (4)
- R23 Diversity Reception. C. Hutton. Using more than one antenna and receiver in an effort to reduce fading and interference on one frequency. (1)
- R24 Tips on Remote Taping. R. J. Edmunds. This article explains several methods you can use to turn your receiver and recorder on while you are otherwise occupied. (2)
- R25 Strong Signal Handling. C. Hutton. This technical article explains that sensitivity and selectivity are not the only, nor the most important, considerations in a receiver. (6)
- R26 Recording Jacks for Receivers. Dave Arbogast. A simple step-by-step procedure is outlined for adding a tape jack to almost any receiver. (1)
- R27 Tape Recording Hints. Mark Connelly. A complete method of radio-to-tape interfacing for portable radios is detailed, complete with schematics and parts lists for construction. (4)
- R28 Converting the R-390A Power Supply to Solid State. Charles Taylor. A conversion process to change the older high voltage tubes to solid state diodes is described step-by-step. (7)
- R29 R-390A Alignment Chart. Charles Taylor. A step-by-step procedure for aligning the R-390A. (5)
- R30 McKay-Dymek DP-40 Preselector. R. Foxworth. A non-technical description of this useful filter accessory plus some modifications to improve its performance. (2)
- R31 The Super HQ-180. Dallas Lankford. Add a Collins mechanical filter to your "180". While not a "how-to" article, problems and results are discussed. (4)
- R32 HQ-180A Alignment Without a 60 KHZ Source. Dallas Lankford. Although most RF signal generators do not tune below 100 KHz., the HQ-180A's 60 KHz IF can be aligned with a 455 KHz RF source. (4)
- R33 R-390A/URR PTO Alignment. Dallas Lankford. The alignment procedure to achieve exact end-point alignment in the R-390A PTO tuning is detailed. See R34, (3)
- R34 Inside the R390A PTO. Dallas Lankford. An in-depth article that explores the PTO tuning in the R-390A and shows how to improve its performance up to specifications. See R33. (4)
- R35 The R-390A on Longwave. Craig Healy. A simple and inexpensive method to modify the R-390A effective amplifier for loops to tune below 500 KHz. (2)
- R36 The BBA-1 Broadcast Amplifier. Mark Connelly. A simple and other antenna. Complete construction details. (11)
- R37 The Generic HQ-180 If Alignment. William Marvin. A non-technical procedure that requires no test equipment. (4)



(continued from page six)

1680 UNID - — - 2/12 1920-1940 - UC music fading in and out of the noise, still there 2110. Loop pointing SW. (MD-NY)

## LOGGINGS: 0000-0800

640 CHOG ON Toronto - 2/8 0045 - Rare full ID "CHOG Toronto at 640 kHz." Fair-good. (GM-PQ) [Log says licensed to Richmond Hill, but several of the Toronto suburbs were incorporated into the city in a recent referendum. How does this affect stations like CHOG and CJMR-1320? Are they now officially licensed to Toronto? - DY]

880 WRFD OH Columbus-Worthington - 2/9 0730 - Full ID and REL music, fair. (GM-PQ)

910 WGBI PA Scranton - 2/12 0035 - Local weather and ID, poor. (GM-PQ)

1020 WKZE CT Sharon - 2/9 0714 - C&W music, ID, fair. (GM-PQ)

WIBG NJ Ocean City - 2/9 0713 - Christian music, ID, fair. (GM-PQ)

1030 WWGB MD Indian Head - 2/13 0100-0236 - UC-GOS music killing WBZ, finally ID'd at 0236, then gone. Strong signal. (MD-NY)

1100 WCGA GA Woodbine - 2/14 0750 - Old-time cheatin' music, song "I Forgot More than You'll Ever Know about Him," no ID at top of hour, USA Radio News at 0800, automated ID interrupting news: "Serving wonderful coastal Georgia, border to border, from South Carolina to Florida, 1100 kHz, WCGA." Measured at 1100.02 kHz. (JN-NC)

1110 WHLI NY Hempstead - 2/9 0749 - Weather, ads for Long Island, fair. (GM-PQ)

WUHN MA Pittsfield - 2/10 0700 - C&W music, ABC news, fair with heavy QRM. (GM-PQ)

WNNW NH Salem - 2/10 0700 - SS news, ads for New Hampshire. Fair, fighting with WUHN. (GM-PQ)

1120 WPRX CT Bristol - 2/13 0100 - Latin music, EE ID, fair. (GM-PQ)

1180 WJFF RI Hope Valley - 2/10 0639 - C&W music, ID, poor with heavy QRM. (GM-PQ)

WHJM TN Knoxville - 2/15 0700 - Sign-on heard under WHAM, mention of Knoxville. (WM-MD)

1300 WZZZ NY Fulton - 2/2 0645 - Well atop WJFK, WKCY with weather, ID. (RJE-PA)

1550 WNTN MA Newton - 2/9 0700 - Sign-on with SSB, fair. (GM-PQ)

1620 WPHG AL Atmore - 2/9 0345-0405 - REL program, ID and USA Radio news, fair to good signal. (MD-NY)

## LOGGINGS: 0800-1600

800 CKLW ON Windsor - 2/8 0825 - "The Quiet Hour" REL program, then joins One on One Sports. Fair. (GM-PQ)

1340 WWPA PA Williamsport - 2/11 1458 - Heard "Williamsport" in the mix. It's relatively close, but blocked by mountains, and normally the much farther WEPM and WYCB alternately dominate in the afternoons. First time heard from this location. (SK-PA)



## LOGGINGS: 1600-2400

570 WSYR NY Syracuse - 2/10 2112 - Pause in basketball game on the New York (Knicks?) network, ad for bank in Syracuse, mixing with unID AC station. Then both lost to WMCA. (SK-PA)

590 CJCL ON Toronto - 2/8 2223 - In briefly with "Canadian update on The Fan 590, proudly supporting the ...," rare here. (SK-PA)

660 CFFR AB Calgary - 2/7 1740 - Canned "66 CFR" ID and OLD, behind the worst signal I've ever heard from WFAN. Barely there and fadey. (SK-PA)

690 WJOX AL Birmingham - 2/6 1826 - Fair-good over CFTR-680 slop, CBF with talk on college basketball, ID as "Sports Radio 690, WJOX." Could likely dominate here after CBF moves to FM. (MB-ON)

WOKV FL Jacksonville - 2/9 1757 - Poor under CFTR-680 slop with business report, ID as "News-Talk 690 WOKV Jacksonville" at 1800, into CBS news. (MB-ON)

WZAP VA Bristol - 2/7 1805-1815 - Presumed with live church service from Tennessee (Bristol's on the state line), preacher "inviting you to come join us" over-under WOKV. Power cut at 1815, lost to CBF and WOKV. (SK-PA)

790 WQXI GA Atlanta - 2/19 2300 - ID "QXI Atlanta, AM 790," Sports Fan Radio Network, into local news, sports, and weather. (BS-PA)

WGRA GA Cairo - 2/19 2159 - Up briefly with ID, believe this to be the dominant gospel station on the channel this night. Listed 110 watts. (BS-PA)

WETB TN Johnson City - 2/7 1824 - End of REL program with Sister Jean Martin giving address in Kingsport, TN, slogan "Sunshine 790," then female announcer said "This is WETB," into GOS music. Fair signal and surprisingly alone. (SK-PA)

WNIS VA Norfolk - 2/19 2200 - ID "WNIS Radio AM 790 in Norfolk," into news. (BS-PA)

830 KFLT AZ Tucson - 2/7 1946-2030 - Tentative with USA sports, return to "Your Health Matters" with Doug Kauffman, "Welcome to Family Life Radio," USA News at 2000, "Great American Heroes" at 2005 "brought to you by the Family Entertainment Network," power cut at 2030. Over, under WCCO. (SK-PA)

850 WAIT IL Crystal Lake - 2/9 1734 - Local news, several local ads, then Patsy Cline song "Crazy" and "Misty" by Errol Garner. Fair until KOA moved in for the evening. (RCP-IN)

860 WSBS MA Great Barrington - 2/8 1630-1640 - DJ: "86 WSBS," then AC songs by Seals and Crofts, Billy Joel, fair to poor. (SK-PA)

870 WHCU NY Ithaca - 2/9 1726 - Local weather report, "WHCU 870 Weather Center," into story about President Clinton, then quickly faded. Not heard in years. (RCP-IN)

900 WKDW VA Staunton - 2/11 1953 - C&W in CHML null, ID 1955 "WKDW Big ... AM 900," then ads. Very poor, listed 128 watts. (DZ-NY)

920 WYMB SC Manning - 2/8 2242 - Heard in the mix "WYMB, straight ahead ...," possibly them with the Sports Fan network. (SK-PA)

WOKY WI Milwaukee - 2/15 2115-2200 - "At Your Leisure" local auto travel talk show, many mentions of Milwaukee and Wisconsin, ID 2130 "AM 920, WOKY." Local Weather Channel weather at 2132, then legal ID into CNN news at 2200. Fair to good with some QRM, but at times very solid atop channel. (NSA-OH)

930 WLVF FL Haines City - 2/10 1725 - Black GOS music, ID. (WM-MD)

940 WMWR GA Macon - 2/13 1802 - ID "WMWR, your news and talk station," into news at the top of the hour, ad for "I-Omega" computer hardware, "Exclusive 940 AccuWeather Forecast," temperature "it's 57 degrees at WMWR." Very good signal with very little fading. (RCP-IN)

WIDG MI St. Ignace - 2/5 1800 - Fair in CBM null with Beatles' "Something in the Way She Moves," ID as "This is the station for Good Time Oldies, WIDG St. Ignace, Cool 94 AM." Not all the Good Time Oldies stations are in Canada! (MB-ON)

WKGM VA Smithfield - 2/11 2027 - Religious talk by man in CBM null, ID 2031 "AM 940 WKGM." Poor to fair, with a slight het. (DZ-NY)

970 WFUN OH Ashtabula - 2/11 1730 - Abnormally strong signal, ID. (RJE-PA)

1110 KFAB NE Omaha - 2/9 1754 - Short news story about Liz Taylor, ad for "Life Quotes of Omaha," call 345-PLUS, followed by traffic report for Omaha area sponsored by Albert's Moving and Storage. Fair over, under WBT. (RCP-IN)

1200 WAGE VA Leesburg - 2/10 1724 - "This is WAGE. Join us on the Internet www ... WAGE," followed by C&W song "Bubba Can Dance." Fair with some mixing with WOAI, first time heard. (RCP-IN)

1230 WFII OH Columbus - 2/15 1805 - Weather, ID. (WM-MD)

WTIV PA Titusville - 2/16 1845 - ID heard in mess. (WM-MD)

1240 WRTA PA Altoona - 2/11 1840 - Promo for high school basketball, ID. (WM-MD)

WKDA TN Nashville - 2/11 1920 - ID heard in mess. (WM-MD)

1300 WCLG WV Morgantown - 2/13 1710-1740 - Numerous "Oldies 13 AM" non-ID's, SID's, OLD music, over/under first WLIR, then WXRL, finally got copy of local ad at 1740. (RJE-PA)

1370 WSPD OH Toledo - 2/5 2058 - "The most up to date weather forecast, News Radio 1370 WSPD Toledo," return to basketball game. Atop the mix. Not heard since 1994. (SK-PA)

WVMR WV Frost - 2/15 1715 - ID heard in mess. (WM-MD)

1380 WTYM PA Kittanning - 2/13 2225 - Contest promo, ID, OLD music. (WM-MD)

1390 KXSS MN Waite Park - 2/6 1936 - Tentative with ad with 320 area code, then ad for the Steve? Center. In the mix. (SK-PA)



- 1410 WLSH PA Lansford - 2/5 1730 - Frequent ID's followed by news at the bottom of the hour with lead story of Monica Lewinski and Bill Clinton affair. Heard briefly, new station for me. (RCP-IN)
- 1440 WMDJ KY Martin - 2/13 1945 - Ad, SID, C&W music. (WM-MD)
- 1470 WRGA GA Rome - 2/19 2200 - Up briefly with calls, then back into slop. (BS- PA)
- WLMC SC Georgetown - 2/19 2200 - GOS music, series of local Georgetown ads at 2215. No ID heard tonight, but did hear it previous nights. (BS-PA)
- 1490 WWIL NC Wilmington - 2/11 1800 - ID in GY mess. (WM-MD)
- 1510 WWHN IL Joliet - 2/1 1850 - Legal ID, back to what sounded like black- oriented GOS music. Poor under WLAC. (RCP-IN)
- 1520 WRSL KY Stanford - 2/5 2345-0030 - Call-in program with number 1-800-926-8255, call letters at 0025 and "True Country forecast." Ad for auto dealer selling 4-by-4's. Behind, but pulled even several times with WWKB. (SK-PA)
- 1550 KSFT MO St. Joseph - 2/1 1836 - "Only one station playing your songs, 1550 KSFT," followed by Bobby Vinton singing "Lonely," then the Champs with "Tequila." Weak but steady signal. (RCP-IN)
- WBSC SC Bennettsville - 2/11 2305-2400 - REL program, sign-off at 0000 with SSB. "Bennettsville" sounded like "Clemmons ville," but mention of Marlboro County heard clearly. Behind a fadey CBE. (SK-PA)
- 1660 WJDM NJ Elizabeth - 2/8 1826 - Assumed them with C&W music back to back, no ID or breaks. Have they changed their format? (RCP-IN) [Don't think they have a format at the moment. - DY]

## TIS AND MISCELLANEOUS

- 1690 Pirate - --- - 2/14 2230-2245 - RFM [Radio Free Massachusetts, I think - DY] playing old rock & roll, "Rebel Rouser," "Red River Rock," "Teen Beat," etc. Gave Box 1, Belfast NY as mail drop in EE and FF. All alone with the noise and so-so modulation. (RM-CT)



## REPORTERS

- |        |                 |   |
|--------|-----------------|---|
| NSA-OH | Neil S. Adams   | Hinckley OH - Sony ICF-2010                             |
| MB-ON  | Mike Brooker    | Toronto ON - Panasonic RF-2200, RFB-45                  |
| MD-NY  | Michael Diers   | Huntington Station NY - HF-1000, Kiwa loop              |
| RJE-PA | Russ Edmunds    | Blue Bell PA - Nissan car radio, whip                   |
| SK-PA  | Steve Kennedy   | Coal Township PA - Superadio III                        |
| WM-MD  | William McGuire | Cheverly MD - DX-380                                    |
| GM-PQ  | Gilles Michaud  | St. Laurent PQ - ICF-2010, Kiwa filters, SM-2, box loop |
| RM-CT  | Ron Musco       | Poquonock CT - Collisn R-390A, 2 120' slopers           |
| JN-NC  | Jay Novello     | Wake Forest NC - R8A, various wires                     |
| DP-HI  | Dale Park       | Honolulu HI - Station news                              |
| RCP-IN | Robert C. Pote  | Greenwood IN - Superadio III, Select-a-Tenna            |
| BS-PA  | Brett Saylor    | State College PA - R-70, R-390A, 150' LW                |
| DZ-NY  | Dan Ziolkowski  | Hamburg NY - ICF-2010, Kiwa filters, pocket loop        |

## International Jim Renfrew JimRenfrew@delphi.com

### DX Digest

61 Wilcox Street  
Rochester, NY 14607-3832

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

Not much DXing going on here these days, too much noise in my city neighborhood. I did, however, receive a QSL from Talk Radio UK 1053 and 1089 in the mail today, UK #3 and #4 verified.

Not too many loggings from reporters, but this leaves some room for station news around the world.

Jim

## TRANS-ATLANTIC DX

- 189 ICELAND Rikisutvarpid Gufuskalar, FEB 15 0032 - Fair signals with Icelandic talk and mix of music some in English. Only Longwave station to produce audio. [VAL\*MB]
- 1215 UNITED KINGDOM, Virgin R. synchros, FEB 2 0110 - 'Stupid girl' at 0115, Boston's 'More than a Feeling' at 0118, Bryan Adams' 'Coming back to you' at 0121. Weak. [Picard-PQ]

- 1314 NORWAY, NRK, Kvitsoy, FEB 5 2222 - Soft instrumental music, talk at 2225; later in the evening, Gloria Gainer's 'I will survive' at 0047, Donna Summer's 'Hot stuff' at 0050; NRK ID at 0100 into news. Fair. [Picard-PQ] FEB 15 0503 - Poor to fair signals with Norwegian talk and oldies music. Only TA on the band. [VAL\*MB]
- 1530 VATICAN CITY R. Vaticana, FEB 15 0555-0604 - Good under and over WSAI with woman and man in Italian, and occasional brief music bridge of organ or horn. [DeLorenzo-MA]
- 1611 VATICAN, Vatican R., JAN 23 0553 - Talk in UNID language, carillon at 0559. [Picard-PQ] FEB 15 0522-0537 - Good with two men in Italian alternating every few minutes, and a brief hymn by a choir. [DeLorenzo-MA]

Marc speaks: "A pretty good opening to my father's birthplace of Italy ... I would have liked to have tried for Rome-846, but, unfortunately, the 50 kW transmitter of WEEI-850 is about 4 miles from here."

## PAN-AMERICAN DX

- 540 UNID, FEB 15 0145 - Poor signals with Spanish talk and a possible ID as O-A.[VAL\*MB]
- 540 MEXICO XEWA Monterrey FEB 15 0150 - Good signals over CBK with music. [VAL\*MB]
- 730 MEXICO XEX Mexico DF, FEB 15 1230 - Good signals with Mexican ballad music. [VAL\*MB]
- 840 CUBA, CMHWt, Santa Clara, JAN 29 0220 - Beatles 'And I love her' (slower version, followed by the original), then talk in SS, back to SS music at 0229; "Cubana" mentions at 0249 & 0345 (so just tentative) and pips at :00. Under partially nulled WHAS. [Picard-PQ]
- 990 MEXICO XET Monterrey, FEB 15 0200 - Poor signals in partial CBW null with music program and ID. [VAL\*MB]
- 1000 COLOMBIA RCN Cartagena, FEB 05 0120 - heard "Colombia" then anthem like male vocal. 0126 another Radio Mil comes up causing a Het, as two men talk with mention of Colombia. 0130 time pips and ID as "Radio de Colombia". Was parallel to 770 (weak behind WABC). Other SS in back with pop music. Strong signal, no domestic interference, sharing freq with Radio Mil Mexico. [Ziolkowski-NY]
- 1000 MEXICO Radio Mil, FEB 05 0157 SS music dominates. 0200 clear ID as Radio Mil. [Ziolkowski-NY]
- 1050 MEXICO XEQOO, R Pirata, Cancun QR, 0050 FEB 12 - Sports programming, B-52's "Good Stuff", full ID 0104, ad for auto dealer, into romantic baladas. Surprised to hear this for the first time at home after listening to it in the Caribbean last month. [Novello-NC]
- 1170 COLOMBIA HJNW Caracol Cartagena, FEB 05 0100 - 2 ID's "este es Caracol Colombia" then male talk. Way behind WWVA but a pause in talk allowed a clear ID to come through. [Ziolkowski-NY]
- 1375 ST. PIERRE & MIQUELON, RFO, JAN 23 0606 - In FF, talk about Clinton sex scandal. Fair in 1370/1380 slop. [Picard-PQ]

Denis speaks: "I've been away from my radio more than 1 year because I spent too much time on our new computer and the Internet!" (We'll forgive you, just don't let it happen again! - Jim)

## TRANS-PACIFIC DX

- 738 POLYNESIA RFO Mahina, FEB 15 1210 - Poor signals but clear with French talk. Only TP to produce audio.[VAL\*MB]

## UNIDS, QUERIES, ETC

The UNID TP on 1053 reported by Ray Moore is likely one of South Korean Jammers jamming the clandestine Voice of National Salvation which claims to be broadcasting from South Korea, but is actually broadcasting from Haeju, North Korea. There is a chance this could be the North Korea clandestine, but not likely because it beams its signals south. Two jamming sites in South Korea have been identified. I lived in Korea for a total of 11 years and have spent some time tracking down the Jamming stations. That is where I got my information from. [Harms-MD]

## CONTRIBUTORS (@ = via e-mail)

- @Bill Harms, MD (the state)  
@Jay Novello, Wake Forest NC; R8A, various wires  
@Shawn Axelrod and Wayne McRae, Dxing from Valhalla Beach MB; 2- ICOM ICR-70, 2- MFJ 1026 PHASING UNIT, 12 LONG WIRES OR BEVERAGES RUNNING EAST WEST AND SOUTH [saxelrod@mb.sympatico.ca]  
@Denis Picard, Trois-Rivières-Ouest PQ  
@Dan Ziolkowski, Hamburg NY, SONY 2010 KIWA Pocket loop  
[DanZiolkowski@compuserve.com]

