

DX News

♦Serving DX'ers since 1933♦

Volume 62, No. 4 - October 24, 1994 (ISSN 0737-1659)



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CPC Test Calendar

| | | | |
|----------|------|----------------|-----------|
| WGEA | 1150 | Oct. 24, 1994 | 0100-0130 |
| WPIE | 1160 | Oct. 24, 1994 | 0200-0230 |
| WNAM | 1280 | Oct. 24, 1994 | 0300-0330 |
| WBZY | 1200 | Oct. 25, 1994 | 0000-0030 |
| WGET | 1320 | Oct. 29, 1994 | 0030-0100 |
| KEAS | 1590 | Oct. 30, 1994 | 0400-0430 |
| CJSB | 540 | Oct. 31/Dec. ? | 0000-2359 |
| KOIL | 1180 | Oct. 31, 1994 | 0100-0130 |
| R. V. C. | 535 | Oct. 31, 1994 | 0200-0400 |
| KSDO | 1130 | Oct. 31, 1994 | 0300-0330 |
| WVLD | 1450 | Nov. 7, 1994 | 0000-0500 |
| KYCA | 1490 | Nov. 7, 1994 | 0230-0300 |
| WLLS | 1600 | Nov. 12, 1994 | 0100-0130 |
| WGNY | 1200 | Nov. 14, 1994 | 0000-0030 |
| KOHI | 1600 | Nov. 20, 1994 | 0300-0330 |
| KFJM | 1370 | Nov. 28, 1994 | 0130-0200 |
| KDDD | 800 | Nov. 21, 1994 | 0130-0200 |
| WFRM | 600 | Nov. 21, 1994 | 0200-0230 |
| WTRN | 1340 | Nov. 21, 1994 | 0200-0230 |
| CJGX | 940 | Nov. 28, 1994 | 0100-0130 |
| WMAM | 570 | Nov. 28, 1994 | 0100-0300 |
| WVKO | 1580 | Nov. 28, 1994 | 0130-0200 |
| WHBY | 1150 | Dec. 5, 1994 | 0100-0200 |
| HCJB | 690 | Dec. 24, 1994 | 0015-0045 |

WVLD-1450 - 1000 West Gordon St. - Valdosta, GA 31601 will conduct a DX test between 12:00 and 5:00 am EST on Monday, Nov. 7. The test will include Morse code, test tones, and voice ID's. Reception reports may be sent to Mr. Tom Moog, CE. Arranged by J. D. Stephens for the IRCA CPC.

WLLS-1600 - Highway 231 South - Hartford, KY 42347 will conduct a DX test on Saturday morning, November 12, between 1:00 and 1:30 am EST. This will be in conjunction with transmitter testing and will be at 1000 watts. The test will include Morse code ID's and tones, and it will mention the NRC. Send reception reports to Mr. Lloyd Spivey. Arranged by the National Radio Club CPC.

KOHI-1600 - Box 398 - St. Helens, OR 97051 will conduct a DX test on Sunday morning, November 20, between 3:00 and 3:30 am EST (this date is tentative and may be changed). The test will be run at 1000 watts and will include Morse code ID's. Reception reports should be sent to Mr. Forrest W Smith (WB7AEA). Arranged by the National Radio Club CPC.

WFRM-600 - Box 309 - Coudersport, PA 16915 will conduct a special DX test between 2:00 and 2:30 am EST. The test will include march music, voice ID's, and Morse code ID's. (This test will be

simulcast on WTRN-1340, Tyrone, PA; WFRM-FM-96.7, Coudersport; and WGMF-FM-101.1, Tyrone.) Special thanks to WTRN GM and IRCA/NRC member Cary Simpson for his help in arranging this test. Reception reports may be sent to Mr. Robert Lynn, CE. Arranged by J. D. Stephens for the IRCA CPC.

From the publisher ... Ken Chatterton is looking for a new contest manager to replace him for this year's NRC contests; plus, those who entered last year's contests should get in touch with him (address on back cover).

Publications ... The third edition of NRC'er Ray Moore's *Communications Receivers - The Vacuum Tube Era: 1932-1981* describes more than 700 vintage receivers in 125 pages; the photos have been greatly improved, and the information has been revised. It's available for \$19.95 plus \$2.50 shipping (to U.S. and Canada; Florida residents, please add \$1.40 for sales tax; Western Europe, US\$28 via air, US\$23 surface) from RSM Communications - P. O. Box 1046 - Key Largo, FL 33037-1046. Monographs on three receivers are also offered, prices postpaid: Hallicrafters Skyrider Diversity DD-1, \$4.95; Hallicrafters Skyrider S-1, \$2.00; Echophone Commercial EC-2, \$2.00.

DX GTG's... Don't forget the "1994 Midwest Fall DX Get-Together" in Lebanon, MO Fri-Sun Nov 4-6 near the home of Gil Morgan at the Best Way Inn Motel on the Northside of I-44. Tentatively planned are tours of local radio stations. For more information, contact Gil Morgan at (417) 532-1851 or John Tudenhamat (417) 624-8058. And, the 17th annual Thanksgiving GTG at "The Lower Deck" - 47 Burt St. - Acushnet, MA will be held on Saturday, November 19, from noon until ??? Ray and Arlene Arruda add, "Ladies Welcome!"

DX Time Machine

From the pages of DX News:
50 years ago ... from the October 28, 1944 DXN:
To celebrate the upcoming DX program from WKNE-1290, it was announced that a prize of a one-year membership to the NRC would be awarded for the most helpful report, and \$1.00, cash, for the most distant report.

25 years ago ... from the October 25, 1969 DXN:
Don Kenney offered to supply the wooden parts for the NRC Altazimuth loop antenna.

10 years ago ... from the October 29, 1984 DXN:
Ken Chatterton's deadline for changes to the log book was November 15.

2 AM Switch

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

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

CALL LETTER CHANGES

| Old call | New call | Old call | New call |
|--------------------------|----------|-------------------------|----------|
| 560 WPHY PA Philadelphia | WFIL | 1220 WMJK FL Kissimmee | WOTS* |
| 680 KNTE WA Lacey | KLDY | 1230 KYOT AZ Phoenix | KISO |
| 830 KBOA MO Kennett | KOTC | 1230 KZLO MT Bozeman | KOBB |
| 970 WANV VA Waynesboro | WVAO | 1240 KSAC CA Sacramento | KSQR |
| 1090 KING WA Seattle | KINF | 1400 KBZT CA Indio | KUNA |
| 1200 KBOQ CA Soquel | KOQI* | 1440 WVEI MA Worcester | WWTM |
| | | 1580 WIWO IN South Bend | WHLY |

*Notes: KBOQ-1200 change to KOQI was listed in V61 #30 but the last letter of KOQI got sliced off in the cut-n-paste process, this in answer to several member inquiries.

APPLICATIONS/GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

- 990 WNTY CT Southington: add 80 watts nights, antenna to U3
1530 KDSN IA Denison: add 13 watts nights, antenna to U1



WKEN-AM 1600
P. O. BOX 553 • DOVER, DE 19903

Kent County's
News & Information
Station

GRANTS TO EXISTING FACILITIES

- 680 WRMD FL Saint Petersburg: add 125 watts night power, antenna to U1
840 KWDF LA Ball: reduce power to 8000 watts
980 KICA NM Clovis: reduce night power to 118 watts, antenna to U1 1150
WCEN MI Mount Pleasant: delete night power, becomes D1
1510 KGA WA Spokane: relocate transmitter site

OTHERNESS

- 880 WPLP NC Winston-Salem: despite previous reports, this new station is NOT yet on the air, we were in W-S for three days and heard not a peep, or would that be not a pip?
960 WLPR AL Prichard: silent station is ON THE AIR
960 WFGL MA Fitchburg: erroneously reported to have returned to the air this summer, this silent station has announced they will return to the air on 9-23-94, hopefully our members in the area will let us know if this took place.
970 CKCH PQ Hull: station is SILENT and license has been DELETED. Rival network operators Telemedia and Radiomutuel have combined to form Radiomedia, Inc and have turned in the licenses for one of their facilities in each market where there was a duplication due to the merger. Below in Otherness we will list five more stations that have met with this fate. Most of these deleted stations have very desirable power and frequency so we imagine some applications for new facilities to fill these empty frequencies will show up. All these stations ceased operations at 6 PM on 9-30-94
1030 WBGS WV Point Pleasant: reported to be on the air, this new station is NOT yet operating, our member in Point Pleasant reports there has been some sporadic site testing with unmodulated carrier but never any audio. This seems to indicate that WBGS is still a viable CP so keep watching this frequency.
1060 CJRP PQ Quebec City: station is DELETED, see 970 above.
1090 WMFL FL Monticello: station is SILENT
1140 CJTR PQ Trois-Rivieres: station is DELETED, see 970 above
1170 WBRW NJ Bridgewater Township according to an article in the Somerset Messenger-Gazette the new owners of this silent station expect to return it to the air "by the end of the year"
1190 WOWO IN Fort Wayne: the long-awaited announcement of WOWO's fate has been made by the new owners. The night power will be reduced to a level not yet

3 specified and the night directional pattern will be changed to allow their WLIB-1190 in New York to operate fulltime. Rumors that WOWO would be taken off the air or become a daytime are false.

- 1220 WOTS FL Kissimmee: silent as WMJK, station is ON THE AIR
1240 WWWC NC Wilkesboro: silent station is ON THE AIR (had been silent for SIX years)
1270 WWCA IN Gary: station is SILENT
1280 CJMS PQ Montreal: station is DELETED, see 970 above
1400 WJRV PA Loretto: silent station is ON THE AIR, had been reported silent in MSJ but members in that area seem to think it was never really off the air
1420 KZMO MO California: station is SILENT as reported earlier after lightning damage in June. Owner has been busy upgrading the FM facility and then is taking a "long vacation" before worrying about the AM station, don't expect this to return anytime soon.
1420 CJMT PQ Chicoutimi: station is DELETED, see 970 above
1430 WNFO SC Ridgeland: station is SILENT
1470 WCFJ IL Ford Heights: the city of Chicago Heights has officially changed its name to Ford Heights, this confirmed during Tony Fitzherbert's visit to WCFJ
1510 CJRS PQ Sherbrooke: station is DELETED, see 970 above
1580 KTGR MO Columbia: silent station is ON THE AIR
1590 KBBY CA Ventura: silent station is ON THE AIR
1590 WETT MD Ocean City: despite a report this summer that this station was not likely to return, it has been sold and the new owners plan to make extensive technical repairs, including replacement of the aging antenna system, and eventually return it to the air
1590 WAWA PA Chester: station's call change from WCZN has stirred up some problems, seems there is a chain of stores in that area called "Wawa" and they have filed a cease and desist order against the station and are considering a lawsuit if WAWA doesn't find another call. Member Dave Schmidt reports from Chester that as of now they ARE using WAWA.

Our apologies for the missing AM Switch in last issue but we were on our annual NASCAR racing trip to the Carolinas. AMS will now be weekly until our next racing trek to Florida in February.

THANKS: Andy Rugg, Dennis Flya, Gilles Michaud, John D. Bowker, Mike Gaston, Dave Schmidt, Tony Fitzherbert, Ed Krejny, Bob Yates, Dick Truax, Dave Marcis, Phil Durt and MSJ

73 and Good DX,

Jerry Starr

Jerry Starr & Buffalo K. Foonman

It may not be perfect ...

but the NRC Log, 15th Edition is, simply, the best there is because of your contributions. Why not make the updaters and 16th edition even better? Send all corrections and changes to Wayne Heinen - 4131 S. Andes Way - Aurora, CO 80013-3831. Thanks!



The NRC AM Radio Log, 15th Edition, is the standard listing of AM radio stations in the U. S. and Canada. Cross-referenced, 3-hole punched for standard binders. Only \$16.95 to U. S. and Canadian members; \$19.95 to U. S. non-NRC members; \$20.95 Canadian non-NRC members. Airmail: to Latin America, \$21.00; Europe, \$24.00; rest of the world: \$28.00.

Order from: NRC Publications - Box 164 - Mannsville, NY 13661 (NY residents, please add sales tax)

4 Domestic DX Digest

West: Bill Hale MTFH12A@Prodigy.com

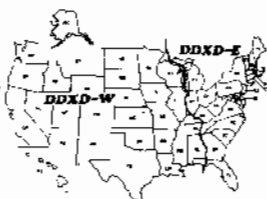
495 Creekview Drive - Meridian, ID 83642-3241

East: Dave Braun 73520,657@compuserve.com

11 Mill Bend Acres - Wyoming, DE 19934-9523

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

(Division line is between East and Central time zones)



DDXD-West

MEDIUM WAVE RAMBLINGS

- The AM station with the tallest series fed antenna in the U. S. is ????. It's on 570, 5 kW, DA-N. The main tower is 928 feet. There have been ads claiming the station covered more square miles of the U. S. than any other station. The reasons would be the low frequency, tall tower, and the fact that none of the signal goes out over water. Those are the Trivia facts this week. Take a stab, before peeking at the answer, contained later on.
- Dennis says the Canadians were really coming in during the wee hours of September 24. Possibly because of a big cold front with a powerful high pressure cell behind it. Anybody experience the same in their DX that morning? And he's hoping Santa will bring a computer for Christmas. The award for "First Test Heard" (or unheard) of the season goes to Bob Karchevski.
- Remember, when reporting by ANY method, include your name and QTH! Also, include CLs, the city and date/time for each logging in ALL reports. As stated before, I don't have all the station locations memorized (yet), so please include licensed cities, dates, & times, especially in Test Reports.
- I've started to fill in a few vacated Graveyard slots with entries from some recent reports. They're going fast, folks.

REPORTERS

- SA-MB Shawn Axelrod Winnipeg ICOM ICR-70 w/filter mods and PLAM board + 4' box loop/Quantum Loop/100' longwire
- DE-MO Dennis Elya Jefferson City GE Superadio III or * Delco ETR
- BK-CA Bob Karchevski Sunnyvale NC-183D plus Space Magnet SM-1
- BF-IL Barry Finkel Chicago Yaesu FRG-7700 + McKay-Dymek DA-5 ferrite antenna
- BW-OK Bruce Winkelman Tulsa
- JB-TX Jim Boehm San Antonio IC-71A - free downspout antenna+ Radio West Loop
- PT-CA Pete Taylor San Francisco Caradio
- KO-IL Ken Onyschuk Steger GE Superadio
- JE-MN Jon Ellis Maple Grove GE SRIII with Select-A-Tenna
- WH-CO Wayne Heinen Aurora R-390A 4' Box Loop and MAP Audio Unit
- Ed-ID Editor Meridian



SPECIAL

- 950 KKIC ID Boise - Now playing C&W (was SS) over weekend of 10/1-10/2. IDing as "Country 95" (and it continues to this 10/9 deadline). When called, no one at station was committal as to what they were doing and were kind of surprised when I mentioned their filing for Chapter 11, as reported in local paper. [Ed-ID]
- 1270 WWCA IN Gary - Still silent as of 10/3. (KO-IL)
- 1450 KIOV ID Payette (Caldwell?) - 10/1 - Now // Payette's 100.3 FM, Pirate Radio which plays AOR. [Ed-ID]
- 1480 KTMA CA Eureka - 10/1 1215 - First day with "The Team" Sports Network. Just skipped in on caradio. (PT-CA)
- 1530 KXTD OK Wagoner - Has been sold to owner of KTRT-1270 and will be back on the air in November 1994 with the "all-kids" format. The newspaper article that mentioned this said the new owner thought the call would be KTRT-2 (!) but I'll believe that when I see it! (BW-OK)
- 1600 KWMX CO Lakewood - Appears operating with reduced power at night after someone felled one of its tower from the 5 tower array. Nothing of note heard 10/10 AM. (WH-CO)

KCRG IA Cedar Rapids - Drops Country for AP News. Slogan is All News 1600. (JE-MN)

UNIDs and UNID HELP

- 730 UNID ?? - 9/22 1930-1955 - Mixing with Mexico and KWRE. Over/under, with live call-in talk show on The Auburn Tiger Football Network. Suspect either WBBI Madison, AL or WSTT Thomasville, GA. (DE-MO)

DX AND EQUIPMENT TESTS

- 1290 KKAR- NE Omaha - 10/3 0100-0130 - Not heard! KHSL Chico was the dominant station, with bits of KMEN detected. Never heard a hint of a tone. (BK-CA)
- KKAR+ NE Omaha - 10/3 - Heard the initial announcement stating that different powers would be used. Very clear signal. I had logged this station ages ago as KOIL. I did not listen for more than 5 minutes. (BF-IL) Heard poor-to-good 0100-0130 with scheduled test stuff. Only two IDs heard in 1/2 hour. Much QRM by WHIO with talk, and WIRL with rock oldies. First time heard after frequency switch. (KO-IL)
- 1590 KWEY- OK Weatherford - 10/3 - Much slop heard. I could not decipher any station. I listened for 10-15 minutes. (BF-IL) 10/3 0500-0530 - Not heard. (JE-MN)
- 1600 KBOR- TX Brownsville - 10/9 0430-0500 - Not a peep! KGST-Fresno dominates with SE programming. Once, PSA in EE heard for 5 seconds, KMNY? Also bad KLIV-1590 slopover (BK-CA)
- 1620 KA2XAU+ PA Richland -10/10 0214-0230 - Fair-to-poor with Tones Voice and Code ID's. First new PA in years! (WH-CO)
- 1620KA2XAU- PA Richland - 10/10 0200-0230 - Not a peep! Heavy electrical buzz nulls E/W, then I get KGO-810. 810 + (2x455) = 1720. Why a spur on 1620?? (BK-CA) [Not a spur, but a harmonic. 2 x 810 = 1620 - Ed.]



625 NORTH MICHIGAN AVENUE CHICAGO IL 60611

TIS & OTHER STUFF

- 1610 TIS MN Ely - 9/23 2322 - Poor, with information on the Superior National Forest. New for me. (SA-MN)
- UNID ?? - 9/21 0627 - Very poor with information starting of with Welcome to beautiful North Woods ??? with over 500(?) lakes in a 15(?) mile radius and 150,000 ??? of hunting, fishing, shopping or relaxing. This pieced together over 5 minutes until fade. (SA-MB)
- 1620 KG???? TX - 10/10 0214-0230 - NOAA Weather rebroadcast. Transmitter located in Downtown Houston. Fair over/under KA2XAU test. Anyone with information of where to send for vene would be appreciate. (WH-CO)

MIDNIGHT TO 0800 HOURS ELT

- 570 WNAX SD Yankton - Yup. This is the AM station with the tallest tower. This bit of info is courtesy of Fido-Netter Jeff Miller. [Ed-ID]
- 630 CKRC MB Winnipeg - 9/24 0142 - Fair, and alone, with C&W music. Where was St. Louis? (DE-MO)
- 660 KEYZ ND Williston - 9/24 0153 - Over WFAN and some oldies station, giving weather conditions for cities in Montana, and South and North Dakota. Slogan Keys Country. (DE-MO)
- WXIC OH Waverly - 10/7 0715 - Alone, fair with sign-on. Christian music and a caffeined-up DJ. (JE-MN)
- 690 CBU BC Vancouver - 9/24 0206 - English CBC Network, with local weather facts and VID. A big surprise! (DE-MO)
- 730 CKDM MB Dauphin - 9/24 0320 - Good, and alone, with C&W music. Number three of a six-pack on CKDM. (DE-MO)
- 790 KXXX KS Colby - 10/5 0727 - Country music and K-Triple X ID. Fair, but plenty of static. (JE-MN)
- 1010 CBR AB Calgary - 9/24 0130 - CBC English (classical music). (DE-MO)
- 1020 KCKN NM Roswell - 10/7 0730 - Good, with country music. 0732 news (with CL's) followed by New Mexico weather. (JE-MN)
- 1340 KYYD TX Abilene - 10/1 0753-0814 - Fair, in and out, with Dave Parkenson's One-on-One Sports. ID at 0801 as Sports Radio 1340, KYYD Abilene. Occasionally heard, but previously with music. No mention of being // KORQ-100.7 FM, which was previously included in IDs. (JB-TX)

- 1430 WLSQ GA Dalton - 9/17 0330 - All kinds of Dalton, Georgia references. *News-Talk 1430*, but heard no calls. So could be different CLs. (DE-MO) [Those are the CLs in my Log - Ed.]
- 1440 CKJR AB Wetaskiwin - 9/25 0755 - Poor-to-fair with C&W music into Broadcast News at 0800. New. Ex: CJOI. (SA-MB)
- 1480 KBEA KS Mission - 9/28 0721 - On top of a mess with local Kansas City weather, and into NOS. (DE-MO*)

1600 TO 2400 HOURS ELT

- 580 WELO MS Tupelo - 9/24 2040 - // Kicker 98.5 with C&W. Listen to Tupelo football on WELO 580. (DE-MO)
- 680 WJCE TN Memphis - 9/18 1955 - Solid Gold Soul - *The Juice*. VID. (DE-MO)
- 820 WSCR IL Chicago - 9/24 2029 - With WBAP. *The Score*. Suddenly gone at 2030. (DE-MO) [Maybe LSS at the Windy? -Ed.]
- 1290 KCUB AZ Tucson - 9/29 0623-0634 - Fair, with country music. At 0629 ID as *Our call letters are KCUB. 1290AM and ??_5 FM, and our specialty is playing your favorite ?? country of yesterday and today.* (JB-TX)
- 1370 WCCN WI Neillville - 9/24 2215 - NOS music and lots of local ads and VIDs. 42 watts can go a long ways! (DE-MO)
- 1380 WLIZ MN Brainerd - 9/24 2300 - Good, with Minnesota Gopher football game. (DE-MO)
- 1590 KRQX TX Mexia - 9/30 2018-2038 - High school football, Groesback Goats vs Crockett Bulldogs at Groesback. At 2024 an ad for Dean Motor Sales, 110 East Main in Mexia A phone call verified their ad during the game on KRQX. (JB-TX)

WRTALK

RADIO AM 1200

GRAVEYARD DX UPDATE

* indicates North American record

1230 kHz:

| | | | | | |
|------|----|----------------|----------------|-----------------|-----|
| WINF | CT | Manchester | Marc DeLorenzo | Hyannis, MA | 117 |
| WHOP | KY | Hopkinsville | Doug Smith | Nashville, TN | 63 |
| WESX | MA | Salem | Marc DeLorenzo | Hyannis | 67 |
| WNEB | | Worcester | Marc DeLorenzo | Hyannis | 89 |
| WIGS | NY | Gouverneur | J. W. Bay, Jr. | Drexel Hill, PA | 300 |
| WCBT | NC | Roanoke Rapids | J. W. Bay, Jr. | Drexel Hill | 279 |
| WEEX | PA | Easton | Marc DeLorenzo | Hyannis | 265 |
| WCRO | | Johnstown | J. W. Bay, Jr. | Drexel Hill | 197 |
| WTIV | | Titusville | J. W. Bay, Jr. | Drexel Hill | 260 |
| WERI | RI | Westerly | J. W. Bay, Jr. | Drexel Hill | 201 |
| KLKE | TX | Del Rio | Jim Boehm | San Antonio, TX | 147 |
| WJOY | VT | Burlington | Marc DeLorenzo | Hyannis | 243 |

1240 kHz:

| | | | | | |
|------|----|--------------|----------------|--------------|-----|
| KSUE | CA | Susanville | Jack Woods | Waldport, OR | 330 |
| WWCO | CT | Waterbury | Marc DeLorenzo | Hyannis, MA | 143 |
| WWNS | GA | Statesboro | Marc DeLorenzo | Hyannis | 895 |
| WCOU | ME | Lewiston | Marc DeLorenzo | Hyannis | 169 |
| WSNY | NY | Schenectady | Marc DeLorenzo | Hyannis | 206 |
| WSEW | PA | Sehnsgrrove | Marc DeLorenzo | Hyannis | 347 |
| WBAX | | Wilkes-Barre | Marc DeLorenzo | Hyannis | 291 |

1340 kHz:

| | | | | | |
|------|----|---------------|----------------|---------------|-----|
| WBGH | KY | Bowling Green | Doug Smith | Nashville, TN | 64 |
| WHAT | PA | Philadelphia | Marc DeLorenzo | Hyannis, MA | 282 |

1400 kHz:

| | | | | | |
|------|----|-----------|----------------|-------------|-----|
| WIDE | ME | Biddeford | Marc DeLorenzo | Hyannis, MA | 127 |
|------|----|-----------|----------------|-------------|-----|

1450 kHz:

| | | | | | |
|------|----|---------------|----------------|---------------|-----|
| WTKI | AL | Huntsville | Doug Smith | Nashville, TN | 99 |
| WILM | DE | Wilmington | Marc DeLorenzo | Hyannis, MA | 306 |
| WOL | DC | Washington | Marc DeLorenzo | Hyannis, MA | 402 |
| WMAS | MA | Springfield | Marc DeLorenzo | Hyannis | 125 |
| WCTC | NJ | New Brunswick | Marc DeLorenzo | Hyannis | 229 |

| | | | | | |
|------|----|--------------|----------------|-----------|-----|
| WKIP | NY | Poughkeepsie | Marc DeLorenzo | Hyannis | 186 |
| WLAR | TN | Athens | Doug Smith | Nashville | 135 |
| WSNO | VT | Barre | Marc DeLorenzo | Hyannis | 209 |

1490 kHz:

| | | | | | |
|------|----|-------------|----------------|---------------------|-----|
| KQDS | MN | Duluth | John J. Rieger | South Milwaukee, WI | 345 |
| WTUP | MS | Tupelo | Jim Boehm | San Antonio, TX | 666 |
| WHSL | NC | Wilmington | Marc DeLorenzo | Hyannis, MA | 661 |
| WKVT | VT | Brattleboro | Marc DeLorenzo | Hyannis | 144 |
| WFAD | | Middlebury | Marc DeLorenzo | Hyannis | 218 |

| | | | | | | | |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Totals: | 1230 | 1240 | 1340 | 1400 | 1450 | 1490 | Total |
| Ken Onyschuk Steger, IL | 9 | 7 | 7 | 10 | 12 | 9 | 54 |

ABBREVIATIONS USED IN DDXD

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

DDXD-East

NEWS AND VIEWS

From Terry Krueger: "Anyone wishing an update of my "Florida TIS Survey" need only send a long SASE to: DX South Florida, 1673 Palace Drive, Clearwater, FL 34616-1833."

From Laurence Kearley on the situation in Quebec: "The six stations all quit broadcasting suddenly, with no advance warning on Friday, September 30th at 11:00. They are: CKCH-970-Hull; CJRP-1060- Quebec; CJTR-1140-Trois-Rivieres; CJMS-1280-Montreal; CJMT-1420-Chicoutimi; and CJRS-1510- Sherbrooke. They are silent due to a merger of the *Telemedia* and *Radiomutuel* networks for financial reasons. As you can imagine, this has opened up new vistas for DXing from this area. CKCH and CJMS always wiped out their own frequencies as well as slopping over to adjacent ones."

Good to hear from Steve Whitt in England with an UNID report via E-Mail, and also a request: "In DDXN Vol. 61, No. 24 you mention the GTO network. I've heard it on nearly half a dozen Canadian stations but I'm still looking for a flagship station or a listing of affiliates. I've heard GTO on CJYQ 930, CHNS 960, CHTN 720 and CFNB 550 plus unidentified sources on a couple of other channels."

If you want me to publish your mailing address or e-mail address in the list of contributors at the end of the column, please let me know every time you send your tips to me. My e-mail addresses are DPHT10A (Prodigy) and 73520,657 (CompuServe). The season's underway, DX tests are beginning, let us know what you are hearing!

SPECIAL

- 790 WPIC PA Sharon - 10/1 1836 - Very good and alone with NOS music, football promo, *Reynolds vs. Sharpsville*, and jingle. (HJH-PA)
- 830 WCRN MA Worcester - 10/4 1200 - Was on during the same time period that I was monitoring WBMA-890. WCRN was still (apparently) in a testing mode as the audio cut in and out. The test was with very mellow easy-listening music of the sort that Bob Bittner plays on WJIB-740 and WKBR-1250. (MC-MA)
- WCRN MA Worcester - Still not heard 10/3 although they have been on according to Connelly. (RM-CT)
- 850 WREF CT Ridgefield Center - 9/30 1854 - Very strong with disco music. ID as "WREF AM and Q-103". (HJH-PA)
- 890 WBMA MA Dedham - 10/4 1200 - Is on the air with a contemporary Christian music format. They identified as "WBMA Dedham - WBIV Natick". I checked WBIV's channel (1060) and they were not on at the time. Maybe they haven't got the multiplexing scheme worked out yet: both stations are supposed to be running from the same transmitter site in Ashland, MA in a marshy area off Route 135. (MC-MA)

- WBMA MA Dedham - 10/4 1745 - On the air with Radio Emanuel Spanish Christian program, sign-off at 1800 with ID as "AM 890, WBMA Dedham-WBIV Natick". Checked per e-mail tip from Mark Connelly. 10/5 0800 - On the air with Morningstar network Christian music program. (BC-NH)**
- WBMA MA Dedham - Per Mark Connelly tip on 10/3 this one noted with "Radio Emanuel" IDs during religious program 1735-1757. Program was in SS. English ID at 1757 then a program announcement and off at 1800. Per call to Station Manager Wayne Dixon at 1060-WBIV power is 2000 watts temporarily. When WBMA signs-off WBIV signs-on. (RM-CT)**
- 970 WFLA FL Tampa - Since sometime in August (I believe) WFLA has been carrying Bruce Williams' show live (and //WPSO, his studio/flagship station) 1900-2200 weeknights. (TK-FL)**
- WZAN ME Portland - 10/1 0645 - With ad for Budget Rent-a-Car, oldies songs and, after news, ID as "AM 970, WZAN". Later in the day lots of business shows and IDs as "Hot Talk, AM 970" so they seem to have a mixed format now and not just nostalgia as per 1994 NRC AM Log. Fade. (LK-ON)**
- 990 WCMF NY Rochester - Now running American Sports Network 800 number call-in show, though 0600-1100 is still "Brother Wease" WCMF-FM morning show, also Amerks hockey and Redwings baseball. (JR-NY)**
- 1040 WSGH NC Lewisville - 9/30 2000 - Ending bluegrass program at this time then sign-off mentioning 10000 watts. (HJH-PA)**
- 1060 WBIV MA Natick - 10/4 1745 - Noted off the air, sign-on at 1800, coinciding with WBMA-890 sign-off, then Amazing Grace program with Pastor Frank saying that his program would be moving to WBMA in the weeks to come, 1830 SS religious programming returned with ID "Esta es WBIV, 1060 AM, Radio Emanuel" 10/5 0830 - Noted off the air. (BC-NH)**
- 1150 WMEX MA Boston - 10/2 2330 - Noted simulcasting WBCS-96.9 "Boston's country station". 10/3 1750 - Noted off the air, leaving WCNX in clear. 10/3 2130 - Noted back on the air with "Radio Concord AM Stereo" ID and usual Haitian programming. 10/5 0830 - Noted with silent carrier. (BC-NH)**
- 1260 WNRK DE Newark - Sked: NSP, now all night with SMN Pure Gold oldies. (DS-DE)**
- 1290 WCHY GA Savannah - 10/3 - Noted with all news, slogan "Your news, sports and racing station". (RT-NC)**
- WCHY GA Savannah - 10/3 0100-0115 - Tentatively the station heard while listening for KKAR DX Test. AP News, weather by Mike Meoni, several PSAs and into sports at 0115. Various announcements heard "This is the news station", "The place to be when you want to know", and "Your home for Georgia Bulldog football, Savannah's new AM 12-90". Fair-poor with fading. (MH-NC)**
- 1310 WTLB NY Utica - 9/18 1000 - Ending program of Italian music and beginning Polish music at this time. Strong signal. (HJH-PA)**
- 1350 WTOU OH Akron - 10/29 - Noted with these call letters, ex-WSLR, and UC music, The Touch. No longer "Whistler 1350" or CW. (RT-NC)**
- 1360 WNJC NJ Washington Township - Sked: NSP, now all night with Branson Country Network. (DS-DE)**
- 1570 WOKC FL Okeechobee - 9/5 2110-2123 - CW music, ad for Sears Brand Central and Okeechobee County (my clue to ID), only ID as "This is good country, 1570". Dropped SS? Poor-fair. (DT-JAM)**
- CKLM PQ Laval - 10/3 0045 - Tentative reception with "AM 1570 and 1230" IDs, CW music, weak in GY-like mess. Tentative because I thought they were supposed to be silent? (BC-NH)**

DX TESTS

- 1290 KKAR NE Omaha - 10/3 0100-0130 - Fair-poor with code IDs and music. Signal improved after 0114. No voice IDs heard. 2 kHz continuous tone heard at 0141+, but not sure who this was. (RT-NC)...Tentative, only bits of code made it through with possible "...K A..." noted, but not even enough for a tentative report. QRM from presumed WCHY with news, sports, weather and PSAs. (MH-NC)...Nothing heard, just CJBK, WFBG and brief WHIO. (DB-DE)**
- 1590 KWEY OK Weatherford - 10/3 0500-0530 - Nothing heard, just WPAD with NOS//WFBG-1290. (DB-DE)...Not heard. (RT-NC)**

DID YOU KNOW that some broadcasters are hesitant about improving their facilities because they know the reason their station sounds poorly is due to the narrow-band design of most radios these days, and because of electrical interference the FCC has permitted.

UNID AND UNID HELP

- 1000 UNID 10/3 0130-0400 - SS programming, music and voice, very weak, 3 time pips at the top of each hour. No sign of WMVP, either off the air or poor propagation. Log doesn't show anything. Perhaps one of the Cubans? (JH-NJ) (WMVP has a scheduled SP every Monday 0100-0600. Last year I usually heard either one of the South Americans or Mexico during this time, when hoping for WAJ - db)**
- 1510 UNID 10/1 0145 - Under a very strong signal from WSSH Boston was another fairly clear station carrying the Road Gang Show (country music, weather reports for the US Interstates etc). There was also a partial ID/liner at 0152 "Radio for the road 15-10" and I think it may have said "KGA Spokane" in the gap. I'm getting a second opinion on my tape recording. In the past I've heard KGA on DXpedition with the Inter-state Radio Network which sounds a similar format to the Road Gang. But I read in a recent DXN that KGA had dropped country and gone all talk. True or what? I telephoned KGA whose switchboard operator denied carrying any country any more. Here in the UK only three stations are heard on 1510. WSSH is regular with Talk America, WLAC is infrequent with religion and KGA is rare. Now what was this logging of mine if it wasn't one of these three? Do you know anyone who has a list of stations taking the Road Gang Show I know in DXN Vol. 61, No. 24 it was mentioned that stations had to be 50kW which rather limits the choice on 1510! This one is really puzzling me. Thanks in advance for any help. (SW-UK)**

WWCS

AM Stereo '40

Your Classical Station

0000 to 0800 ELT

- 540 WWCS PA Canonsburg - 9/18 0018 - Second time ever (lines up opposite of strong CJSB on loop) with ID in mess. (JR-NY)**
- 650 CKOM SK Saskatoon - 8/29 0041 - A big surprise with MDT time check and ID as "...your super station CKOM", now verified (JR-NY)**
- 740 CHCM NF Marystown - 10/2 0152 - Good, "Short, Fat Guys One Mile Downhill Race" promo, color radar weather and "VOCM" IDs, relaying VOCM-590. (BC-NH)**
- 970 WAVG KY Louisville - 10/2 0645 - With a 1940s style song and ads for a Glen Miller CD, Barron's investment news letter, stock ads and ID as "Wave, 970" then back to 1940s music. (LK-ON)**
- 980 WDNE FL Gulf Breeze - 8/26 0437 - GOS, female announcer ID as "980, WDNE", interference from WWNN, poor. (DT-JAM) (NRC AM Log 14th Edition shows this as WRNE - db)**
- CBV PQ Quebec - 10/2 0702 - With FF news mentioning Quebec and Canada and weather with call ID at 0706. Mixed with oldies song probably from CKRV. (LK-ON)**
- 1070 WINA VA Charlottesville - 10/2 0206 - Good, "Newstalk 1070" ID, "Your choice for the best high school football games, WINA" ID and talk over/under Mundial Zulia - Venezuela. (BC-NH)**
- 1140 CJTR PQ Trois-Rivieres - 9/19 0050 - Way atop with FF tele-talk, no sign of WRVA. (DS-DE) (It will be interesting to see what is heard when WRVA is off now that CJTR is off - db)**
- 1170 WWVA WV Wheeling - 9/19 0056 - Either on low power or off this AM, strong OC noted with religion and another with oldies under. (DS-DE)**
- 1220 CKSM PQ Shawngigan Falls - 9/19 0102 - Female with news, ID, tele-talk, all in FF, atop frequency. (DS-DE)**
- 1230 WENY NY Elmira - 10/3 0005 - Caught with full data sign-off in GY mess. (BC-NH)**
- 1280 WHTK NY Rochester - 10/2 0715 - With radar weather forecast for Rochester, call ID and local ads. During the Cleveland Browns game on October 3 they were using a non-ID as "Hot Talk (what sounded like)103", but it was in severe fade. (LK-ON)**
- 1340 WJTN NY Jamestown - 9/20 0106 - With ID, promo, nicely atop dim. (DS-DE)**
- 1440 WMKM MI Inkster - 9/17 0128 - ID during gospel music program. (JR-NY)**
- 1570 WERL IL Freeport - 9/27 0650 - On top with ID, Rush Limbaugh's morning update then back in the mud. New. (MB-IN)**
- WBUX PA Doylestown - 10/6 0051 - Oldies program with frequent IDs as "WBUX, Doylestown-Philadelphia". (JR-NY)**
- WQTW PA Latrobe - 9/11 0108 - ID in mess "You made the right choice, music power 104". NRC Log and FM Atlas suggest it's WQTW. (JR-NY)**
- 1580 WPGC MD Morningside - 10/3 0030 - Poor with weather, a message for area businesses and talk in CBJ null. (BC-NH)**

10
1590 KYDE AR Pine Bluff - 9/4 0537-0600 - GOS, ID in part as "...KYDE...", poor, interference from talk show, likely WVNA. (DT-JAM)

0800 to 1600 ELT

1340 WMBO NY Auburn - 9/18 0937 - Good with oldies, ID with others skipping in. (HJH-PA)

1600 TO 2400 ELT **1230 WBVP**

540 CJSB ON Ottawa - 9/29 2315 - Break in rock music with ID and mention "programming can now be heard in full high fidelity on 106.9". (DS-DE)
670 WWFE FL Miami - 9/1 2123-2130 - Call-in talk show in SS, but ID in EE as "WWFE", fair, interference from CMQ. (DT-JAM)
680 CFTR ON Toronto - 9/20 2111 - Good, "Traffic and weather together on the ones" and "680 News" ID, interference from local WRKO almost nul in null. (BC-NH)
920 WMEL FL Melbourne - 8/28 1944-2000 - Sports talk show, ID as "920. WMEL", poor with UNID interference. (DT-JAM)
CKNX ON Wingham - 9/25 2105 - Excellent with *Broadcast News*, "AM 920" IDs and "Country Music Radio", over WHJJ. (BC-NH)
1000 KTOK OK Oklahoma City - 8/24 2301-2335 - Call-in talk show, ID as "24 hours a day, KTOK, Oklahoma's information source", poor with UNID SS interference. (DT-JAM)
KTOK OK Oklahoma City - 10/4 1847 - Fair in WMVP null with ID, sports news. Lost by 1900, new. (MB-IN)
WIOO PA Carlisle - 9/23 1957 - Clear ID then sports talk, should be off by 1915 (has no post sunset authority!). (DS-DE)
1010 KLAT TX Houston - 8/24 2254-2300 - Pop LA music, ranchero, ID in EE as "KLAT Houston", poor with UNID SS interference. (DT-JAM)
1040 WYFX FL Boynton Beach - 9/24 2235 - Poor, UC music, mostly under Venezuela and others. (BC-NH)
1070 WNCT NC Greenville - 9/11 2200 - With ID, CBS news, then sports call-in. (JR-NY)
1110 WHIM RI East Providence - 9/29 1953 - Fair, came up between WBT and CKTY with ID "Today's hot new country WHIM" into road report. New. (JH-NJ)
1130 WBBR NY New York - 8/15 2005-2021 - Talk and news, lots of IDs "WBBR time..." and "Keep your radio at 1130, WBBR", poor. (DT-JAM)
1140 WCJW NY Warsaw - 9/30 1912 - Fair signal with "CJ Country" ID featured music with all Indian themes. (HJH-PA)
1150 WCNX CT Middletown - 10/3 1800 - Excellent with ID as "Instant Traffic 1150" and sign-off, mentioned 0600 sign-on, local WMEX was off. (BC-NH)
WTMP FL Tampa - 8/15 1910-2102 - Pop music, ID as "...that's easy on WTMP...", poor, heavy interference from CMKX. (DT-JAM)
1160 WVNJ NJ Oakland - 10/2 2332 - Surfaced briefly with DJ "...right here on WVNJ, golden oldies" (BC-NH)
WPIE NY Trumansburg - 8/20 2224 - With *Buffalo Bills* preseason football. Many ads for businesses in Jacksonville. Dominating channel way over WJJD. This one gets out well on 5 kw day rig. Not noted on most recent Bills NFL Monday night game. (RT-NC)
1170 WCTF CT Vernon - 9/30 1900 - Sign-off at this time with invite to tune in at sunrise. Audio was somewhat "muffled" sounding. (IJJH-PA)
1180 WACV WJFF AL Montgomery - 8/14 1835-2010 - *Talknet*, *Bruce Williams*, poor. (DT-JAM)
RI Hope Valley - 9/30 1901 - CW music under WHAM, ID mentioned Hope Valley, Wakefield and other towns. Seemed to sign-off or disappear at 1904. (HJH-PA)
1320 WDER NH Derry - 9/17 1847 - Strong with GOS music. ID and ad for furniture store on Route 43. A needed one. (HJH-PA)
1330 WFBC SC Greenville - 9/30 2033 - ID as "Newstalk 1330 and 910". This old regular is back now that my local 1340 pest is gone. (HJH-PA)
1340 WSTJ VT St. Johnsbury - 10/1 2022 - Two IDs heard in succession by a man at this time. No other program details noted in the jumble. Another needed one. (HJH-PA)
1360 WAOZ WIXZ OH Cincinnati - 10/3 2159 - With "Radio Aahs" ID and call letters. (JR-NY)
PA McKeesport - 10/2 1931 - Fair over WDRC, ID "WIXZ 1360 McKeesport", mentions of *Tyson-Holly Farms 400*, *NASCAR Live Tuesday night*, and some other racing show with *Benny Parsons* on Monday night. New. (JH-NJ)

11
1380 WIZO TN Franklin - 9/30 2054 - Fair over/under WKDM with high school football, phone line audio really stands out! (DS-DE)
1390 WHOT OH Youngstown - 9/30 2025 - Strong and atop with *Boardman High School* football, many ads, "Sports Authority" IDs. (DS-DF)
1400 CJFP PQ Riviere du Loup - 9/28 2046 - Fair, jingle ID and *Telemedia* French network program // 1480, over/under WLUH-*Radio Hit Musical*. (BC-NH)
1480 WSAR MA Fall River - 10/2 2008 - Good with the "Hometown Bill Oldies Show" relaying WHTB-1400 (BC-NH)
WCNS PA Latrobe - 9/16 2323 - Ending sports event then into rock music at this time. Somewhat rare here. (IJJH-PA)
CHRD PQ Drummondville - 9/28 2020 - Excellent with *Telemedia* talk program in FF and "1480, la radio de Drummondville" ID. (BC-NH)
1500 WLQV MI Detroit - 10/2 2100 - Good, ID as "Michigan's most powerful Christian AM" and the *Hour of Decision* religious program, over/under WTOP. (BC-NH)
1560 WTNS OH Coshocton - 9/30 2010 - Really doing a job on WQEW with CW music. ID heard at this time. (HJH-PA)
1570 WFLR NY Dundee - 10/2 1934 - Good, promo for "Kevin Williams weather every day, exclusively on WFLR", CW music. (BC-NH)
WPGM PA Danville - 10/4 2000 - Fair, end of religious program, ID for 1570 and 96.7, then news, mixing with WBUX and others. (BC-NH)
WBUX PA Doylestown - 10/4 1950 - Fair, hits from the 70s (*Wadsworth Mansion, America. ELO*), mention of Philadelphia. (BC-NH)
1580 WDAB SC Travelers Rest - 10/4 2000 - With full data sign-off following *CNN Headline News* feed. (JR-NY)
1590 WVNA AL Tusculumbia - 9/4 2115-2130 - Sports talk show, ID in part as "WVNA AM, 1590", poor. (DT-JAM)

OTHER STUFF

530 TIS FL St. Petersburg - 9/23 1500 - *Department of Transportation*. Upon driving to work, I was monitoring 1610 (below) and switched to 530 for kicks. Lo and behold, as I neared 9th Street/Roosevelt Boulevard, a female voice surfaced. At 1500, I vanished from work, hopped in the car, and drove down 4th Street toward the Howard Frankland Bridge, and proceeded past the "no vehicle zone". Just past this point (as the signal increased), a portable bulb sign was flashing "Tune to 530 AM" (why is the sign here?). A few hundred feet ahead is the sign for both 530 and 1610 (solar-powered sticks behind the chain-link fence and construction portable). 530 cart mentions, at the end, to tune to 1610 for additional info. Funny thing about the cart is that it appears to have been fed by phone line to the person who recorded/edited it for looping, and there is a very long gap between the repeated message that consists of dial tone/error tones (rapid beeps). (TK-FL)

1010am

1111 Park Avenue • The Penthouse
Baltimore, Maryland 21201

650 UNID RE: JEK-MD's UNID of 8/9 - Sounds EXACTLY like the 4th PSYOPS station that was active at Camp Lejeune back in May. The format is the same. The following address could be used for an attempt at a QSL (enclosing a PFC & RP WILL help): **Commanding Officer, F.T.R.G., (ATTN: N-3), 2555 Amphibious Dr., Naval Amphibious Base - Little Creek, Norfolk, VA 23521.** I was fortunate in that the May exercise (Agile Provider) was local and I could visit the station in person. The above address was given to me by the Navy O-IC who commented that past exercises had resulted in reception reports (didn't call it that, but don't recall what he called it) and QSLs were sent out. Power can range from 5-6kw up to 50kw. Because of the potential to QRM "legit" stns, they operate only during daylight hours. Now, here's a thought: the station tests about every 2 or so years. Joe's August log is a "bit" shy of 2 years, and I wonder if this was a test in preparation for (possible) use in Haiti? The U.S. Armed Forces have taken over the broadcasting facilities, and part of the 4th PSYOP's mission is to set up broadcasting in such situations. If the Haitian broadcasting facilities aren't adequate, and R. Democracy ceases, I'd start checking 650 kHz on a fairly regular basis. (MH-NC)
1060 TIS FL Tampa - *MacDill Air Force Base* - The TIS which was briefly and legitimately used for parking into during the annual airshow continues to run the male voice "testing 1-2-3-4..." loop. This has been active 24 hours since mid-May. One of the most bizarre encounters ever! (TK-FL)

- 1130 WFCX NY Rochester - 9/15 1125 - While looking to log WDFN I was surprised to find an alternative rock station here with a very wide signal. Turns out it is St. John Fisher College in Pittsford (eastern suburb of Rochester), IDing as "WFCX, Cable 99.3, and now 1130 AM". This one may get out far, since I've heard it about 15 miles away on the other side of the city. (JR-NY)
- 1609.89 TIS FL Tampa - 9/22-27 2310-2335 - Department of Transportation/Florida Turnpike & Veterans Expressway fair-poor with very brief loop, male voice, mentioning that Expressway dedication is October 1st, public invited, and mention of the Florida Turnpike (of which it's a part) and Tampa. Has since switched to a cart with female voice. Audible in LSB to avoid the ever-increasing pileup of local TISs on 1610, namely Tampa International Airport and the I-275/4th Street Exit reconstruction project in St. Petersburg. No trace of the second Veterans Expressway TIS (north end) carrier on 1610.0, which David Sharp called to alert me of (and subsequently resulted in my detection of this - the presumed southern end TIS - upon checking). Fairly decent modulation, and signal gets out very well, albeit with lots of co-channel QRM from the 1610 stations mentioned above, maybe a DX possibility as long as it's off-frequency and putting out this strong of a signal. Station (south end) has since switched to 530 per David Sharp's observations. Presumably due to proximity/QRM with Tampa International Airport. This switch taking place at the very end of September. (TK-FL)

Radio Station WVCH
P.O. Box 102
SPRINGHOUSE, PA 19477

- MB-IN Mark Burns, Terre Haute, IN: Drake R-8, Quantum loop, 80' longwire
MC-MA Mark Connelly, WA1ION, DXing at Tewksbury, MA: Car radio
BC-NH Bruce Conti, Nashua, NH: ICF-2010, MWDX-5, 30-m longwire, 23-m southeast sloper
- JH-NJ John Hanz, Old Bridge, NJ: NRD-525, Sony 2010, long attic longwire
MH-NC Mike Hardester, Jacksonville, NC: ICOM R-70, Radio West 22" ferrite loop
HJH-PA Harry J. Hayes, Wilkes-Barre, PA: GE Superadio, SM-2 and Superloop
LK-ON Laurence Kearley, Orleans, ON: Drake R-8, Kiwa loop
TK-FL Terry L. Krueger, Clearwater, FL: NRD-535S, HQ-180A, ICF-2002, Superadio III, dipoles, Scotka loop
- RM-CT Ron Musco, Poquonock, CT: 1940 Zenith Floor model with built in rectangular loop
JR-NY Jim Renfrew, Rochester, NY: HQ-180, Radio West Loop
DS-DE Dave Schmidt, New Castle, DE: HQ180A, SM-2
RT-NC Robert J. Tiara, Hendersonville, NC: R-5000, many longwires, 24" ferrite loop
DT-JAM Don Trelford, St. Anns Bay, Jamaica: (Don's letter of 9/11 was received here 10/6 - db)
- SW-UK Steve Whitt, England:
DB-DE Dave Braun, Wyoming, DE: R-5000, Quantum loop

REPORTERS

Proceedings 1994-95

Proceedings 1994-95 contains some of the most useful information you'll find anywhere for your DXing hobby: thorough receiver reviews (including Watkins-Johnson HF-1000, Lowe HF-225 Europa, Hammarlund SP-600, mods & improvements for the Drake R7/R7a, and other receiver articles); features on subjects such as propagation, the Russian shortwave scene, noise reduction for DXers, impedance matching devices, and more; antenna articles including the Kiwa Electronics High-Performance Mediumwave Loop Antenna. At nearly 200 pages, this book is an essential guide for any DXer.

The cost of this edition is \$20.50 plus \$4.00 shipping and handling.

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fine tuning's
PROCEEDINGS 1994-95

International Jim Renfrew jimRenfrew@AOL.com

DX Digest

61 Wilcox Street
Rochester, NY 14607-3832

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

Our plea for TP reports has been answered by Harry Helms. I don't think we've heard from Harry in a long time. Welcome back! Our man in Stockholm, Olie Alm, is back with some hot news that may help those who aspire to hear Russia and Kenya. Welcome to David Sullivan, first-time reporter, and welcome back to Laurence Kearley!

Look down below for Ben Dangerfield's interesting reflections on his new Kiwa Loop.

TRANS-PACIFIC DX

- 558 JAPAN JOCR Kobo, OCT 1 1329 - Assumed the one here with strong het 1329, splittable with notch and 1.8 kHz filter into quasi-disco music and vocal 1330. Male announcer in JJ 1332 followed by female EE pop song, 1335 female in JJ, then male announcer until fade back to het 1338. Who else could this be? [Helms-CA]
- 657 UNID SEP 30 1230 - Looping south of usual North Kopea with pop song by female in unID language (did not seem CC, however). Sappy, sentimental male vocal 1232. Fades 1234 until 1237 return with female talk, definitely not KK (sounded a bit like Indonesian), fades 1328, returns 1241 with uptempo male vocal (prominent bass line), fades again 1243 and het gone by 1248. Haven't a clue and only North Korea heard here since. [Helms-CA]
- 774 JAPAN JOUB Akita, OCT 6 1230 - By far the best TP of the season so far. Latest log at 1230 with lengthy talk in JJ by man, blowing past 770 and 780 on HQ-150 with selectivity wide open. Someone east of the Mississippi should be able to nail this one. [Helms-CA] (unfortunately, the signal drops away severely as soon as you move inland - jim. You got that right! -pls.)
- Harry speaks: "Weird season so far. Only high-band TP so far is regular South Korea 1566 and not a single Hawaiian or other South Pacific DX has been heard. Yet I'm getting better signals on high latitude paths than any time last year. I continue to check 1314 kHz each evening for my first TA from California; only a fluttering carrier so far. Hope springs eternal..."

PAN-AMERICAN DX

- 535 TURKS & CAICOS, OCT 7 0032 - R. Vision Cristiana ID, SS talk; slightly over Grenada. [Connelly*R-MA]
- 555 ST. KITTS Basseterre ZIZ, OCT 7 0028 - good with reggae vocal; WGAN phased. [Connelly*R-MA]
- 580 GUATEMALA R. Progreso is apparently still active. Regarding Jim Renfrew's reference to Chuck Hutton's comments in DXN that the Guatemala was off the air, note the following: a by-frequency report of observed MW/SW/FM stations (mainly from Guatemala, Honduras and Belize) from Spanish DXer Juan Franco Crespo was just received here. He was in Central America from JUN 30 through AUG 18 using an ICF-7600D. His observations include entries for "580 Guatemala, R. Progreso" at 2015 JUL 1 with VOA tape, also 1230 with program "LV de Amatitlan" (no, not Atitlan) via Progreso on JUL 3. So, the station is active, although it's unclear if it's off-frequency, since all of the MW/SW/FM logs are rounded to 5 kHz. [Krueger-FL]
- 580 MEXICO XEMU Piedras Negras, OCT 2 1122-1155 - Ranchera music with announcements by man, strings of commercials, news at 1145, then at 1149 a recorded ID consisting of a jingle: "La Rancherita del Aire" and announcement by man: "580 kHz, 5000 watts de potencia, Piedras Negras, Coahuila, Mexico." Strong signal. [Lazarus-LA]
- 581.94 CUBA R. Rebelde is one of the stations on 582a. Actually it appears various nets/stations are popping up on this transmitter. Jim Renfrew continues to report Progreso, Crawford has heard a local, and this night I had Rebelde (// other outlets). However, there is still another Central American on the channel, looping to Guatemala/Honduras, sporadically heard late nights with commercial format. [Krueger-FL] Progreso noted again here, fading in an out as I worked on something else in the office, so maybe drifting? Quite loud at times with music program, including salsa and Sinatra tunes. Time pips (three plus one) but no ID at 0400. [Renfrew-NY]
- 582.1 CUBA, OCT 10 0002 - The Rebelde station ID'ed by Krueger and Renfrew was noted here with a good signal - classical music, then 5S talk // 710. This resolves my unID's of JUL 26 0424 and JUL 27 0451. [Connelly*H-MA]
- 582v UNID OCT 10 1000 - unID reported in DXN 62-1 heard in SS poor. Cuba? [Straus-NJ]

- 595 DOMINICA Hillsborough, OCT 7 0058 - man in woman in EE with thick Caribbean accent, hetted by 594. [Connelly*R-MA]
- 600 CUBA R.Rebelde, Urbana Nons, OCT 9 0140 - Excellent with program from Santiago de Cuba, salsa music, // 710 and 5025, over WCAO-Baltimore. [Conti- NH] OCT 10 0743 - Cuban music; LOUD. [Connelly*H-MA]
- 640 GUADELOUPE Arnouville, OCT 6 2252 - FF program EXCELLENT over Venezuela's SS. [Connelly*R-MA]
- 650 COLOMBIA Bogotá HJKH, OCT 9 - beating up WSM with SS program, Antena Dos ID's all evening. [Connelly*H-MA]
- 660 CUBA, OCT 10 0636 - a Reloj ticker chewing up WFAN; a second LA in there as well. [Connelly*H-MA]
- 670 VENEZUELA Caracas YVLL, OCT 7 0035 - R. Rumbos ID over a pile of others. [Connelly*R-MA]
- 670 CUBA, OCT 10 0639 - LOUD with lively '40s-type big-band Cuban jazz // 710. [Connelly*H-MA]
- 680 BELIZE An entry in Juan Franco Crespo's report (c.f. 580 Guatemala) indicates two logs of VOA in SS here, AUG 12 0130 and AUG 11 0320, // to definite Belize outlets 1530 and 1580. Juan even asks, "¿Desde cuándo emplea esta frecuencia??" on one entry. So, is this a Belize relay, or a satellite (or even SW-fed) relay from a commercial station, say Honduras, or elsewhere? [Krueger-FL]
- 680 CUBA, OCT 10 0747 - a Cuban // 670 was actually audible through 80-mile- distant 50 kW WRKO. Program was SS talk & uptempo jazz-influenced music [Connelly*H-MA]
- 690 unID/JAMMER OCT 9 0305 - Loud buzzing noise killing CBE, LAs, and anything else on this frequency. [Conti-NH] OCT 9 2335 - Buzzing noise noted here too. [Beaton-MA]
- 700 VENEZUELA R.Sur, Puerto Ordaz, OCT 9 2330 - Good, "Fútbol Español" report via telephone. [Beaton-MA]
- 700 JAMAICA Montego Bay, OCT 10 0749 - teletalk show with heavily accented EE talk. [Connelly*H-MA]
- 700 UNID OCT 10 0945 - With "Back to the Bible" program, did not seem domestic, in EE. [Straus-NJ] (Perhaps Jamaica - Jim)
- 700 VENEZUELA, YVMH Maracaibo, OCT 10 1015 - With SS talk, LA music, "R. Popular" ID's. [Straus-NJ]
- 705 ST. VINCENT Kingstown, OCT 10 0708 - open carrier. [Connelly*H-MA]
- 710 CUBA, OCT 10 0639 - big-band era Cuban jazz // 670; mostly overriding WOR. [Connelly*H-MA]
- 720 VENEZUELA R.Oriente, Porlamar, OCT 9 2320 - Excellent, ID "...nos prefieren somos Radio Oriente, la señal de Venezuela" and LA folk music. [Beaton-MA] OCT 10 0707 - ID "R. Oriente, Porlamar"; huge, blowing out usual CHTN. [Connelly*H-MA]
- 750 VENEZUELA Caracas YVKS, OCT 7 0036 - dominant with SS talk about Banco de Maracaibo. [Connelly*R-MA] OCT 9 2300 - Excellent, "RCR" jingle and "Radio Caracas Radio, Red Nacional de Noticias presenta Informe RCR". [Beaton-MA]
- 760 COLOMBIA Barranquilla HJA], OCT 10 0701 - jingle, RCN ID // 770; firmly atop the channel. [Connelly*H-MA]
- 770 MEXICO XEIH Fresnillo, SEP 28, *1130-1145 - Sign-on with instrumental music and announcement by man, including ID: "XEIH, 770 kHz, transmite desde la ciudad de Fresnillo, Zacatecas, con 10000 watts de potencia, comienza con la programación de hoy". Program of Mexican pop music. Good signal, but interference from KPBC. [Lazarus-LA]
- 770 COLOMBIA Bogotá HJX], OCT 10 0701 - jingle, RCN ID // 760; under WABC. [Connelly*H-MA]
- 800 NETHERLANDS ANTILLES Bonare PJB, OCT 7 0200 - huge, totally dominant with SS "Radio Transmundial" ID, followed by EE "Transworld Radio" ID and Bible program. [Connelly*R-MA]
- 810 COLOMBIA CARACOL, Bogotá, OCT 9 0500 - Poor, "Ésta es CARACOL" and "CARACOL, mas compañía" IDs, noticias, deportes, and later "Amanecer en América" with announcement in English from HCJB DX Partyline, // 5075. [Conti- NH]
- 830 ST. KITTS Basseterre, OCT 6 2338 - good with EE preaching atop an SS station believed to be YVLT. [Connelly*R-MA]
- 840 ST. LUCIA Castries (t), OCT 9 2301 - Caribbean-accented EE; poor, in a pile of low-pitched hets. [Connelly*H-MA]
- 840 unID, OCT 9 2353 - Melodía ID, SS talk, saxophone jazz with SS vocal. [Connelly*H-MA]
- 870 COLOMBIA HJSB Barranquilla, OCT 10 1030 - briefly in WWL null with SS man speaking, many mentions of Barranquilla. [Straus-NJ]

- 885 MONTERRAT Plymouth ZJB, OCT 6 2334 - rockabilly song (Carl Perkins or early Elvis); fair peaks through slop. [Connelly*R-MA]
- 895 ST. KITTS & NEVIS Charlestown, OCT 6 2333 - soul vocal was good at times, but it was slopped heavily by a superloud Algeria-891! OCT 7 0041 - EXCELLENT with reggae. [Connelly*R-MA]
- 910 VENEZUELA RQ-910, Caracas, OCT 10 0020 - Poor, "la hora de Venezuela" UTC- 4 time check, mixed with several domestics. [Beaton-MA]
- 930 MEXICO XEU Veracruz, SEP 27 1131-1140 - Listening to Sony 5070 car CD/receiver as I was driving to work, noted the last half of the Mexican National Anthem (instrumental) followed by SS male giving ID, promo for economics program, store ad, second ID and a song, intro'd as "ranchera de Veracruz" by male DJ; good. [Krueger-FL]
- 940 VENEZUELA Punto Fijo YVNN, OCT 10 0757 - LA pops, R. Punto Fijo ID; booming in like a local. [Connelly*H-MA]
- 960 COLOMBIA CARACOL Caribe, Magangüe, OCT 10 0030 - Fair, news with mentions of Colombia and CARACOL. [Beaton-MA]
- 1000 COLOMBIA RCN, Cartagena, OCT 10 0050 - Good, news reports and telephone interviews, jingle ID "RCN, la radio de Colombia". [Beaton-MA] OCT 10 0726 - "RCN La Radio de Colombia" jingle, news atop CKBW C&W show. [Connelly*H-MA]
- 1020 UNID "Radio Marti", SEP 27 0302 - Unable to determine R. Marti's status on a check this night closing announcement in EE from Caribbean Christian Radio and carrier off 0302*. At least two Latin Americans on 1020 (one appeared to be the Cuban, the other a commercial station, but both battling it out). Also an unID Latin American on 1020.48. While all three remained unID, none were parallel Marti on 1180 or 9540. A recent report on "World of Radio" had BBC Monitoring concluding that Marti is/was via the Turks and Caicos, as it was observed signing on at 1500. Too bad our VOA employee-hobbyists aren't willing to do any research for the radio bulletins. [Krueger-FL] (That's a pretty harsh shot, Terry. We'll reserve space for reply and the rest of the story -pls.)
- 1020 TURKS & CAICOS, OCT 9 2346 - blasting in over YVRS/KDKA with announcer looking for more Christian shows to broadcast on CCR. He said air-time rates would be given to those writing to them at "Caribbean Christian Radio / P.O. Box 3 / DeLand, FL 32721 USA" He said that US listeners can call 1-800-787- 1020; then an overseas number was given. [Connelly*H-MA]
- 1020 VENEZUELA La Asunción YVRS, OCT 7 0107 - Mundial and Margarita ID's poked through Turks & Caicos and KDKA [Connelly*R-MA]
- 1035 CLANDESTINE R. Democracy, OCT 1 0136-0202* - FF with EZL instrumental music for a long time up to 0200 closing announcements by woman, then usual carted FF man sign-pff announcement from 0201, carrier off 0202; fair. [Krueger-FL]
- 1060 UNID, OCT 4 0535+ - with a woman singing a "torch" song followed by "Tumbling on Down" and other oldies style songs from the '40's and '50's. Then at 0600 a musical signature and SS talk, very slow and clear with mentions of Cuba and talk of what sounded like "embargo". Also what sounded like a rooster crowing. Could this be CMDX from Baracoa, Guantánamo, Cuba? Loop was ESE/WNW. Lots of QRM and fade in null of a strong KYW. [Kearley-ON] (Could be, I've heard this one before. XEEP, however, is the most common LA station to be heard on 1060, and might very well have news items about Cuba. - Jim)
- 1080 VENEZUELA Barcelona YVQT, OCT 6 2324 - Barcelona and Mundial mentions, killing WTIC. [Connelly*R-MA]
- 1090 COLOMBIA Cucuta HJBC, OCT 7 0112 - Cucuta & CARACOL ID's; good with WBAL phased. [Connelly*R-MA]
- 1140 unID, OCT 10 0200 - Fair, "Margatín 11-40" IDs, "hora Margatín" time checks, jingles, and salsa music, possibly the new station from Venezuela. [Beaton-MA]
- 1160 BERMUDA Hamilton VSB, OCT 9 2329 - bits of BBC news // 5975 occasionally getting through WSKW/WOBM/WVN]. [Connelly*H-MA]
- 1180 CUBA R. Taíno, SEP 23 1900-2300 - During yet another long break from work, I slipped out to the car and popped on Taíno, which of course is local level here. It's interesting to note that EE programming has returned in full force. From 1900-2000 weekdays an EE program is presented, consisting of U. S. pop songs (Ronstadt, Police, etc.). Missed what happens 2000-2100. 2100-2300 a neat program in EE/SS airs, consisting mostly of soca, Puerto Rican and Cuban pop music. This program is sponsored by Cerveza San Miguel (the most popular Cuban beer, which I badly need for my bottle collection). The San Miguel ads are frequent and quite neat (in SS). Also some of the songs are by request and even "donated" (such as one soca-like song in Papiamento which was "courtesy of Milano Godfrey"). Lots of carted FM IDs such as "92.1, you've got a friend" and similar ones in SS.

Also noted brief EE news segment weekdays at about 1650, followed by SS cart giving a long battery of Taino FM frequencies (seemed to be between 5 and 8, with towns). Will have to listen again for that cart and transcribe for inclusion in the "skunkworks" Latin American FM List. [Krueger-FL]

- 1205 CAYMAN ISLANDS (t), OCT 10 0150 - EE preacher, fair; helted by unID TA on 1206. Who else could it be but Cayman? [Connelly*H-MA]
 1610 ANGUILLA The Valley, OCT 6 2305 - LOUD with EE religious talk. OCT 7 0125 - revival-type service. [Connelly*R-MA]

TRANS-ATLANTIC DX

- 531 ALGERIA Ain-el-Beida, OCT 7 0031 - AA vocal; fair. [Connelly*R-MA]
 531 ALGERIA / SPAIN, OCT 10 0007 - AA talk, then piano interlude over/under SS talk. The Algerian was // stronger 549 & 891. [Connelly*H-MA]
 549 ALGERIA Les Trembles, OCT 7 0029 - man in AA; fair. [Connelly*R-MA]
 558 SPAIN synchron., OCT 10 0106 - disco oldie "Le Freak" by Chic // 585, 603, 639, 684, 738, 774, 855, others. [Connelly*H-MA]
 576 SPAIN Barcelona, OCT 7 0138 - rock music, woman in SS // 585. [Connelly*R-MA]
 585 SPAIN Madrid, OCT 7 0027 - man & woman in SS; good through slight VOCM chatter with WBNW-590 phased. [Connelly*R-MA]
 594 PORTUGAL Muge (t), OCT 10 0115 - PP-sounding talk; poor with weak 595 het. [Connelly*H-MA]
 603 SPAIN Sevilla / Palencia, OCT 6 2344 - good with fast SS talk by man. [Connelly*R-MA]
 612 MOROCCO Sebaa-Aioun, OCT 6 2250 - AA female vocal; fair. OCT 6 2343 - uptempo male AA vocal not // 711. OCT 7 0033 - local-like with AA vocal, violins, & drums. [Connelly*R-MA]
 621 CANARY ISLANDS Santa Cruz, Tenerife, OCT 6 2250 - man in SS; good. OCT 7 0026 - man & woman in SS; absolutely local-like. [Connelly*R-MA]
 639 SPAIN La Coruna, OCT 7 0025 - festive SS vocal // 738; getting by Guadeloupe/YVQO/CBN-640. [Connelly*R-MA]
 657 SPAIN Madrid, OCT 7 0024 - man in SS; loud with WFAN-660 phased. [Connelly*R-MA]
 666 PORTUGAL Lisboa, OCT 7 0020 - piano jazz, then '40s-style EE female vocal; good. [Connelly*R-MA]
 684 SPAIN Sevilla, OCT 7 0017 - HUGE with SS talkshow. [Connelly*R-MA] OCT 13 0415 - SS music and talk. No other TAs noted at the time. [Renfrew-NY]
 693 AZORES Santa Barbara, OCT 7 0017 - PP music; fair. OCT 7 0140 - mellow pop PP vocal; LOUD. [Connelly*R-MA]
 693 AZORES Terceira, OCT 7 0010 - Very good signal; woman with pop songs such as IAs Time Goes By. No BBC stations tonight. [Dangerfield-PA]
 693 AZORES / ENGLAND, OCT 9 2359 - PP vocal over EE talk. [Connelly*H-MA]
 711 MOROCCO Laayoune, OCT 6 2341 - AA male vocal and plucked string instrument; LOUD. Conditions very good to western Morocco coast area at the time. [Connelly*R-MA] OCT 7 0015 - Good signal with Moroccan string music and chanting by a man. [Dangerfield-PA]
 729 SPAIN Oviedo et al., OCT 10 0129 - "Tempted" by Squeeze, // 855; poor in CKAC slop. [Connelly*H-MA]
 738 SPAIN Barcelona, OCT 7 0015 - SS teletalk // 774; EXCELLENT. [Connelly*R-MA]
 747 CANARY ISLANDS // SPAIN, OCT 7 0013 - SS teletalk over others. RNE5 here, so different from RNE1 on 738. [Connelly*R-MA]
 756 SPAIN Bilbao, OCT 7 0012 - man & woman in SS; fair. [Connelly*R-MA] OCT 7 0035 - Very good with man & woman in conversation. No Germany at that time. [Dangerfield-PA]
 765 SENEGAL Dakar, OCT 9 2257 - Afro/AA-style vocal; LOUD. [Connelly*H-MA]
 765 SWITZERLAND Sottens, OCT 10 0120 - good with classical music [Connelly*H-MA]
 792 SPAIN Sevilla, OCT 7 0011 - SS teletalk; very good with WLKW phased. [Connelly*R-MA]
 801 SPAIN Lugo et al., OCT 10 0122 - poor with bits of SS talk. [Connelly*H-MA]
 819 unID MESS, OCT 7 0009 - 3 way mix here with a big OC over talk station & AA music station. [Connelly*R-MA]
 828 SPAIN Barcelona, OCT 7 0008 - SS talk in horrendous growl. [Connelly*R-MA]
 836 unID, OCT 6 2338 - het against 837. Ideas? [Connelly*R-MA]
 837 CANARY ISLANDS // SPAIN, OCT 6 2338 - SS talk; in jumble. [Connelly*R-MA]
 837 AZORES Barossa, OCT 7 0039 - man & woman in PP; dominating the channel. [Connelly*R-MA]
 846 ITALY Rome, SEPT 29 0123 - Opera type music with soprano. Good signal. [Dangerfield-PA] OCT 6 2337 - II operatic vocal; fair with WEEL-850 nulled. [Connelly*R-MA]

- 855 SPAIN Murcia et al., OCT 6 2337 - SS talk by several announcers; very good with WEEL-850 nulled. [Connelly*R-MA]
 864 SPAIN / unID, OCT 6 2335 - SS talk over/under AA music (Morocco or Egypt). [Connelly*R-MA]
 864 SPAIN Socuellamos, OCT 10 0109 - weak with disco oldie "Le Freak" by Chic // 585, 603, 639, 684, 738, 774, 855, others. [Connelly*H-MA]
 873 SPAIN Zaragoza, OCT 7 0007 - SS talk by man; poor to fair. [Connelly*R-MA]
 882 CANARY ISLANDS La Laguna, OCT 6 2334 - SS talk by man; strong, trashing WCB5/Venezuela-880. [Connelly*R-MA]
 891 ALGERIA Algiers, SEP 25 2318-2321 - Fair with religious AA music through t-storm static, lost to WLS by 2326. (a new local station on 890, thus far signing off at sunset, but licensed for U-4 10/1 kW, will kill future receptions of this) [DeLorenzo-MA] OCT 6 2211 - AA discussion by man & woman; good. [Connelly*R-MA]
 918 SPAIN Madrid, OCT 7 0007 - EXCELLENT with woman in SS; easily sliding by CJCH/WHJJ-920. [Connelly*R-MA]
 936 SPAIN, OCT 9 2349 - RNE5 synchron. poking out of the mess briefly with SS talk. [Connelly*H-MA]
 954 SPAIN Madrid, OCT 6 2331 - LOUD with fast SS talk by man. OCT 7 0006 - romantic SS vocal, pegging the meter with a signal that was louder than adjacents WPEN/CHER-950 and CHNS-960. [Connelly*R-MA]
 981 ALGERIA Algiers, OCT 6 2331 - AA Koran-style vocal; very good with WCAP phased. [Connelly*R-MA]
 999 SPAIN Madrid, OCT 6 2330 - SS talk; LOUD. [Connelly*R-MA]
 1008 CANARY ISLANDS // SPAIN, OCT 6 2328 - SS news; to good peaks. [Connelly*R-MA]
 1017 SPAIN Burgos / Granada, OCT 6 2352 - SS talk; over others. [Connelly*R-MA]
 1017 TURKEY Istanbul (Mundanya), OCT 10 0310 - this one rose up to very good level on dawn enhancement - Turkish music LOUD; rolling over Spain / Germany. [Connelly*H-MA]
 1026 SPAIN Reus et al. (SER synchron.), OCT 6 2350 - fast SS talk; good with WBZ phased. [Connelly*R-MA]
 1035 PORTUGAL Lisboa, OCT 6 2350 - PP teletalk show; poor to fair (alone on channel) with WBZ phased. [Connelly*R-MA]
 1044 MOROCCO Sebaa-Aioun, OCT 6 2254 - LOUD with pop music. OCT 6 2326 - EXCELLENT - one of the loudest TA's; AA vocals // 1053 [Connelly*R-MA] OCT 6 2343 - Good with Moroccan music, girl singer. [Dangerfield-PA]
 1044 SPAIN San Sebastian, OCT 7 0108 - SS teletalk by man & woman; good over growl. [Connelly*R-MA]
 1053 MOROCCO Tanger, OCT 6 2326 - AA vocals (// 1044); big carrier, light audio. [Connelly*R-MA] OCT 6 2345 - Fair with Moroccan orchestra and vocals. [Dangerfield-PA]
 1071 SPAIN Bilbao, OCT 7 0003 - SS news; loud, getting by CBA. [Connelly*R-MA]
 1071 GUINEA-BISSAU Bissau (t), OCT 7 0109 - PP talk; poor in mess. [Connelly*R-MA]
 1088 ANGOLA Mulenvos, OCT 6 2346 - slow PP-style male vocal; poor. Nothing on 1089 at the time. [Connelly*R-MA]
 1089 UNID SEPT 23 0420 - To add to the confusion here, I heard big band music with male and female vocals. Didn't note any announcements before signal faded. [Dangerfield-PA]
 1089 ALBANIA Durres (t), OCT 10 0405 - wild music with flutes, drums, violins (as had been noted on other occasions). This music, having AA influences, is very similar to that heard on a local Albanian ethnic show. The audio was clear and slop free; signal level crested higher than WBAL at times. Propagation to the eastern Mediterranean area was strong at the time, making Albania much more likely than the Russian. [Connelly*H-MA]
 1098 CANARY ISLANDS // SPAIN, OCT 9 2338 - SS over jumble; stronger than mess on 1100. [Connelly*H-MA]
 1107 SPAIN, OCT 7 0002 - RNE5 synchron. loud and very echoey with SS talk. [Connelly*R-MA]
 1107 EGYPT / SPAIN, OCT 10 0309 - AA music over/under SS talk. [Connelly*H-MA]
 1134 SPAIN, OCT 6 2320 - COPE synchron. with SS talk; in WBBR slop. [Connelly*R-MA]
 1143 SPAIN Reus / Aviles, OCT 9 2333 - COPE SS teletalk show; poor. [Connelly*H-MA]
 1152 SPAIN, OCT 7 0115 - RNE5 synchron. fair with woman in SS; over others. [Connelly*R-MA]
 1179 CANARY ISLANDS // SPAIN, OCT 6 2319 - good with man in SS. [Connelly*R-MA]
 1188 MOROCCO Casablanca (1 kW !), OCT 9 2332 - jazz piano music // stronger Agadir - 1197. [Connelly*H-MA]
 1197 MOROCCO Agadir, OCT 6 2315 - man in accented FE, then music; initially over BBC Lesotho. [Connelly*R-MA]
 1197 LESOTHO Lancer's Gap, OCT 6 2317 - woman in EE with BBC World Service (// 5975). With the loop peaked at a 120 degree bearing, the signal jumped up way over Morocco

- and hit an S9+20 (!) peak. Best ever reception of this on anything other than a Beverage. Semi-auroral conditions and the coastal receiving site really gave this a boost Distance 7948 miles / 12791 km. [Connelly*R-MA]
- 1197 UNID OCT 7 0005 - Weak signal could have been Morocco or Lesotho. Looped to Africa. Audio had mostly music but some voice. [Dangerfield-PA]
- 1212 unID, OCT 6 2312 - vocal music, possibly AA, on this oddball channel wedged between a WGMP/VOAR/YVZI jumble on 1210 and Spain on 1215. Ideas? [Connelly*R-MA]
- 1215 SPAIN, OCT 6 2312 - SS talk by man over others. [Connelly*R-MA]
- 1224 SPAIN, OCT 9 2325 - COPE synchros. poor with SS teletalk show with man & woman; over growl. [Connelly*H-MA]
- 1251 LIBYA Tripoli, OCT 7 0119 - AA talk to good peaks. [Connelly*R-MA]
- 1251 LIBYA / unID, OCT 9 2325 - AA talk by man LOUD over second station that was most likely Portugal. [Connelly*H-MA]
- 1296 SPAIN Valencia, OCT 9 2324 - SS teletalk; fair. [Connelly*H-MA]
- 1305 SPAIN / unID, OCT 6 2311 - SS talk & possible AA (Algeria?) in graveyard-like jumble. [Connelly*R-MA]
- 1314 unID OCT 6 0202 - strong het turned into fair AA chanting; UAE Dabiya? Gone completely at 0220, which would be their sunrise. [Sullivan-NJ]
- 1314 SPAIN, OCT 6 2310 - RNE5 synchros. poor to fair with man in SS. No sign of Norway. [Connelly*R-MA]
- 1323 GERMANY Wachenbrunn? OCT 7 0307 - A woman was speaking in an UNID language. I have been wondering if this station is still on the air or if I heard someone else. Was generally a Moroccan night. [Dangerfield-PA]
- 1349 MAURITANIA Nouakchott, OCT 6 2256 - HUGE S9+30 carrier (blowing out 1350 totally); audio (chanting) was only modulating about 20%. [Connelly*R-MA]
- 1386 GUINEA Labe, OCT 6 2258 - surprisingly loud with music that sounded Islamic, then man in Afro-accented FF. [Connelly*R-MA]
- 1413 SPAIN, OCT 6 2259 - RNE5 synchros. noted with woman in SS. [Connelly*R-MA]
- 1422 ALGERIA Algiers, OCT 6 2308 - AA vocal at low audio level on huge carrier. [Connelly*R-MA]
- 1431 UKRAINE Kopani? OCT 7 0255 - Weak with talking in UNID language. Other signals that night were not from this area so I can only guess, but in the last 2 years, only Kopani has been heard here. [Dangerfield-PA]
- 1467 FRANCE Roumoules, OCT 6 2308 - EE preaching to EXCELLENT peak. [Connelly*R-MA]
- 1494 MOROCCO Agadir? OCT 7 0235-0320 - Fair signal with AA type orchestra and singing. Heard 2 different men speaking between 0245 and 0250. WRTH shows Agadir on frequency listing, but not under Morocco country list. This was pretty much a Morocco night. Heard St. Petersburg here last season. [Dangerfield-PA]
- 1502 unID (ANGOLA or TOGO). OCT 6 2300 - muffled talk hetted by 1503 (Spain/Azores?) and stopped by WTOP/YVRZ-1500 & WSSH-1510. [Connelly*R-MA]
- 1512 SAUDI ARABIA Jeddah, OCT 7 0128 - AA vocal in WSSH slop. [Connelly*R-MA]
- 1521 SAUDI ARABIA Duba, OCT 6 2302 - Koranic style vocal, then man in AA; good. [Connelly*R-MA] OCT 8 0038. Very good signal but more than 2 hours before usual 0300 sign on. 2 men were speaking in AA. [Dangerfield-PA]
- 1521 SPAIN Manresa, OCT 9 2322 - fast SS talk by man; poor. [Connelly*H-MA]
- 1530 unID, OCT 6 2306 - woman in AA popped up out of the jumble here. Maybe this is the Mideast clandestine operation cranking up more actively now that Iraq is stirring things up again. [Connelly*R-MA]
- 1530 VATICAN, OCT 7 0123 - instrumental version of "People" // 5882; good. [Connelly*R-MA]
- 1544 CLANDESTINE (ALGERIA or MOROCCO), OCT 6 2302 - man in AA; EXCELLENT. This was coming in 30 to 40 dB better than I ever get them back at the house less than an hour's drive away. [Connelly*R-MA]
- 1566 TUNISIA Sfax (t), OCT 6 2303 - AA-sounding talk by woman, hacked by WQEW slop. [Connelly*R-MA]
- 1575 SPAIN, OCT 6 2305 - SER SS news by man // 1584; fair to good. [Connelly*R-MA]
- 1584 SPAIN, OCT 6 2305 - SER SS news by man // 1575; good. [Connelly*R-MA]
- 1602 SPAIN / unID, OCT 6 2304 - SS talk with choppy fades; possible AA music station under. [Connelly*R-MA]

Ben speaks: "I am now using my new KIWA loop, and after a week of parallel checking, have consigned the Radio West loop to the attic, to be used as a spare. I have no quarrels with the Radio West (or is it Sanserno?) loop, but there isn't enough room for both of them beside the HQ-180 in my den, which is also our rec room. I am very pleased with the KIWA loop. It brings in everything I was getting on the other one, and it seems to me in many cases that the signals are stronger, with

less background noise. And, I think, with less splash from locals and strong stations. And with the various sophisticated tuning mechanisms the KIWA offers, you can do quite a lot to enhance weak signals. I would say the nulling ability is much the same as Radio West, but KIWA being much smaller and compact enables it to be moved easily to different spots in the room, and just a few feet can make a considerable difference in nulling a station. But the best part about this loop is that because of its precise tuning I have almost completely gotten rid of the spurs, images, and cross-modulation annoyances that the HQ-180 is noted for. I don't know about your HQ-180, but down through the years I have had some trouble with these problems, especially for a period of about 2 years after I had had the set for 5 years. Most of my image problem came while I was using long wires, but was much easier to control when I went to loops, especially the Radio West loop. So for this sort of thing, I think the KIWA loop will be very helpful. The HQ-180 is very sensitive."

David speaks: "My first post, so be gentle. Actually, this is the first time I've ever heard TA's, so I'm excited. I heard what I assume is Nitra, Slovakia on 1098 (I don't know Slovak), Spain also on 1098 (in SS) and Monaco on 1467 (in GG), but all in the earlier half of September and all reported by others in *DX News*."

STATION NEWS

BULGARIA: The latest schedule from Radio Bulgaria provides information about a medium wave of their "Horizont" home service broadcast. It can be heard at 0700-1000 UTC Monday through Saturday on 1224 kHz and 1000-1300 UTC Monday through Sunday on 1224 kHz. The transmitter site is Vidin with 500 KW. [Radio Bulgaria schedule via Rich D'Angelo]

GUINEA/KENYA: One evening I heard Radio Guinea on 1386 until 0000, and some mornings KBC Nairobi is heard here with repeated ISs and IDs 0155-0200. KBC has also been heard at the same time on new 927 kHz. [Alm-SVE] 1386 KBC is also on 4935 kHz at the same time [SUFF GIG in *Play-DX* #806]

INDIA: The signal of the new AIR Titicorin 1053 kHz is consistently good at 0000 sign-on, so this station must have a powerful skywave, apparently intentionally. [Alm-SVE]

NETHERLANDS: 1224 Holland FM did not start broadcasting from the Communicator as expected. The ship was ready only at the end of September and I don't know if they've started yet. Over the weekend I thought Holland FM were OFF 1224 and 828kHz - so perhaps change is imminent. [Whitt-UK]

PARAGUAY: ZP1 920 Radio Nacional, 0745-0400 (0845 Su). The government station has 100 kW capacity but generally operates at 48% because electricity is very expensive. [Relámpago DX #59, AUG 1994, in *Play-DX* #806] (article includes lots of info about other Paraguayan stations, none of which are currently off frequency - Jim)

ROMANIA: I must correct myself regarding the Romanian on 1053. This morning I found out that at least Sundays, of all days, they are opening up an hour earlier with the Radio Romania Actualitate network. Burnell heard them on a Saturday morning and the same early sign-on (0250 winter UTC) may be valid for Saturdays as well, although I have not confirmed this. My apologies, Jean, for any inconvenience. [Alm-SVE]

RUSSIA: Radio Netherlands is now being relayed via the Kaliningrad-Bolshakovo monster transmitter on 1386 kHz with Dutch 2030-2130 and English 2130-2230. (and according to Jonathan Marks, in *Medium Wave News* OCT 94, there are no SW parallels to this broadcast - Jim) Radio Moscow World Service has instead appeared on the Moldovan transmitter at Maia on 1467 and is heard 1900-2300. (see Guinea above) The Krasnodar (Tbilisskaya) transmitter on 1089 has special news broadcasts in RR, IDing as Radiostantsiya Deimos, concerning the civil war situation in Chechnya at least at 0000 and 0200, possibly at other times. After the 0000 newscast the transmitter goes off again. It signs on with several minutes of on/off tone. The audio of these special newscasts is awful with lots of background noise in the studio. [Alm-SVE]

ST. PIERRE ET MIQUELON: 1375 RHO St Pierre last heard here 4th Sept. Do you know if it is definitely off air (maybe Jean Burnell can double check) and why? [Whitt-UK]

UNITED KINGDOM: 1296 NEW STATION Supa AM rumoured to be starting tests today. I've left a tape running. Will confirm as soon as I know. The Radio Authority has announced the following AM licenses in London: 1548 kHz Capital Gold retains its AM slot. 1332/1386/1413kHz London Christian Radio - speech based Christian station (multiple sites up to 5 locations). 963 kHz Radio Viva; speech & music in a magazine format (single site transmitter). [Whitt-UK]

QSL INFORMATION

JAMAICA: JBC Radio One 750, no data personal letter with verie statement in 6 weeks for cassette and MS, v/s Mrs. Lois Gayle, Manager, Public and International Affairs. [Lazarus-LA]

CORRECTIONS

The 765 item that Beaton & I submitted in DXN 62-01 should be posted under SENEGAL (Dakar), not SWITZERLAND. Also Marc DeLorenzo's 1107 item in DXN 62-01 was EGYPT, not SPAIN.

CONTRIBUTORS

Olle Alm, Sweden.

@Tom Beaton & Bruce Conti, Manchester, MA; Drake R8, MWDX-5X, two 30-m slopers [tombeaton@aol.com]

@Mark Connelly (WAIION), [R-MA] = Rockport MA (Granite Pier site), Drake R8, remotely-tuned loop phased against active whip with DCP-1 phaser / controller

[H-MA] = Harwich MA; Drake R8, loop, east & south longwires, MWDX-6 phasing unit. [MarkWAIION@AOL.COM]

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@Rich D'Angelo, Wyomissing PA.

@Ben Dangerfield, Wallingford PA; HQ-180, Kiwa Loop, Marc DeLorenzo, Framingham MA; Clarion car radio.

Harry Helms AA6FW, San Diego CA; Drake R8, Hammarlund HQ150, Sanserino 2 foot loop.

@Laurence Kearley, Orleans ON; Drake R8, Kiwa loop, Terry Krueger, NRD-5355, HQ-180A, ICF 2002, SuperRadio III, dipoles x 2, Scotka loop, Henry Lazarus, New Orleans LA.

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@Eliot Straus, Toms River NJ; KIWA/Quantum loops, A-D sloper MEJ 959B.

@David Sullivan, Jersey City NJ; NRD535-SE with Kiwa loop.

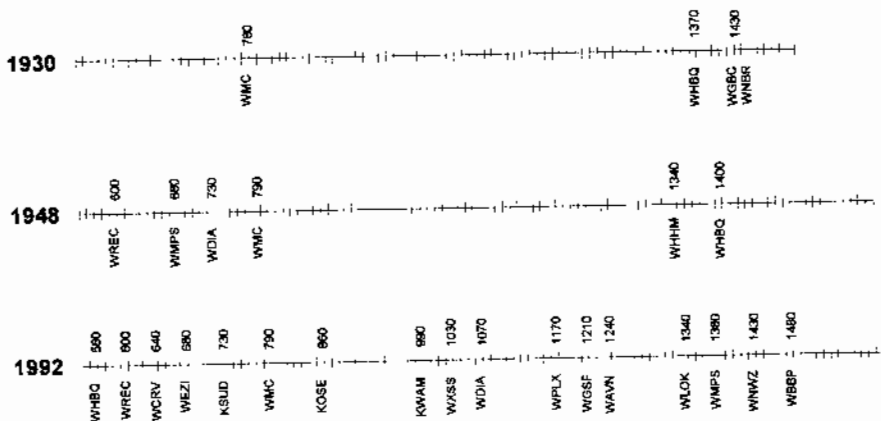
@Steve Whitt, Medium Wave News, United Kingdom. [whitt_s@bt-web.bt.co.uk]

Now and Then John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to 1992

MEMPHIS MARKET

(NOTE SHARED USE OF 1430 kc IN 1930)



Formats

Tony Fitzherbert

356 Jackman Avenue

Fairfield, CT 06430-1728

Changes in programming status; reported by listeners

Al Holtz, in Philadelphia, sent information that WCNZ-1590, in nearby Aston, Delaware County, has received FCC permission to drop its call for the call WAWA, named after Wawa, a tiny unincorporated hamlet, with fewer than 200 residents, less than a mile from the station. WCNZ dropped its country music format in favor of adult standards a year ago. WAWA became available when a station in suburban Milwaukee dropped the call. However, a major problem developed when Wawa, Inc., operators of over 500 convenience stores throughout the Middle Atlantic States, threatened a lawsuit because of possible infringement of the convenience chain's registered trademark plus "false advertising and unfair competition". The station's argument was that the station was named after the nearby hamlet which, according to a Wawa lawyer, "does not even have a ZIP code". The general manager noted that the 3000 watt station does not earn as much in billings annually as does one of the Wawa stores! The resolution of this issue will be interesting!

Here is our column, courtesy of *The M Street Journal*.

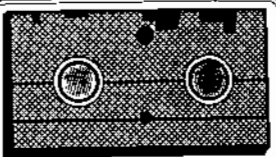
- | | |
|--------------------------------|--|
| 560 KSFO CA San Francisco | - All talk. |
| 730 WTTT GA Thomasville | - Talk. |
| 820 WYTA FL Largo | - "The Team" sports. |
| 860 KAPN UT Salt Lake City | - AP News. |
| 890 WHNC NC Henderson | - Gospel//WCBQ. |
| 900 KKRT WA Wenatchee | - SMN Adult standards. |
| 920 WOKY WI Milwaukee | - WWI Standards. |
| 950 WOMX FL Orlando | - Aahs childrens programming. |
| 960 WGRO FL Lake City | - EFM, PRN Talk. |
| 1130 WSDM IN Brazil | - PRN Talk. |
| 1220 KTSJ CA Pamona | - Spanish hits. |
| 1230 KGFJ CA Los Angeles | - Black gospel. |
| 1240 KSAC CA Sacramento | - Spanish, to//KOQQ-790. |
| 1240 WBAX PA Wilkes Barre | - WWI standards//WEJL. |
| 1240 KTAM TX Bryan | - WWI Adult standards. |
| 1270 WNOG FL Naples | - AP News |
| 1270 KSCB KS Liberal | - News and talk, in November. |
| 1280 KTMV FL Sarasota | - Adds Labio, Spanish talk. |
| 1290 KLLF TX Wichita Falls | - Farm news, talk, and sports. |
| 1300 WXXU FL Cocoa Beach | - Ethmic. |
| 1320 WFHR WI Wisconsin Rapids | - Talk and sports. |
| 1330 KWKW CA Los Angeles | - Spanish and Spanish talk. |
| 1330 KNOW MN Minneapolis | - All news. |
| 1330 WKTA IL Evanston | - Now hard rock at night. |
| 1360 KSRX KS El Dorado | - Country music//KOIF. |
| 1360 KRYS TX Corpus Christi | - SEN, ESPN Sports. |
| 1370 WRGS TN Rogersville | - JSN Country music//FM. |
| 1380 WTBL KY Central City | - Talk. |
| 1400 WIRA FL Fort Pierce | - Sports. |
| 1400 WFUV FL Fort Walton Beach | - WW I adult standards. |
| 1430 WMYS IN Indianapolis | - WW I adult standards. |
| 1440 WVEI MA Worcester | - Sports, without WEE!!! |
| 1440 WSEL MS Pontotoc | - Southern Gospel. |
| 1440 WKLV VA Blackstone | - Talk. |
| 1450 WHSC SC Hartsville | - PRN Talk. |
| 1460 WBNS OH Columbus | - All sports. |
| 1460 KRME TX Hondo | - Religion//WRAF. |
| 1480 WNKY KY Neon | - Religion. |
| 1490 KOTN AR Pine Bluff | - Adult contemporary, given to the University of Arkansas, now non-commercial. |
| | - CHR. |
| | - Southern gospel. |
| 1490 KBKS CO Boulder | |
| 1510 KVCJ TX Mineola | |



P. O. BOX 1700
NEW SMYRNA BEACH, FLORIDA 32170

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1540 WADK RI Newport
1560 KCJJ IA Iowa City
1570 WPTW OH Piqua
1590 KPOZ WA Seattle

- SMN Adult contemporary.
- JSN Adult contemporary.
- WW 1 adult standards.
- Positive country music (????!!) What is that?? (TF).

Thanks to our contributor, the *M Street Journal*, for this column. And get your contributions in to your *Formats* column, as we begin to DX and hear format changes. Over 750 readers will be interested in what format switches you can contribute!!!
73's.

Geomagnetic Summary

Phil Bytheway bytheway@ATK.com
9705 Mary NW
Seattle, WA 98117-2334

High "A" values indicate possible auroral conditions

Geomagnetic Summary August 28 1994 through September 20 1994

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 |
|------|------|----|---|----------|-----------------|-------|
| 8/24 | 72 | 4 | 1 | very low | quiet | - |
| 25 | 71 | 12 | 2 | very low | quiet-active | - |
| 26 | 72 | 7 | 2 | very low | quiet-unsettled | - |
| 27 | 71 | 6 | 2 | very low | quiet-active | - |
| 28 | 71 | 7 | 1 | low | quiet | - |
| 29 | 78 | 4 | 1 | low | quiet-unsettled | - |
| 30 | 83 | 4 | 1 | low | quiet | - |
| 8/31 | 82 | 4 | 4 | low | quiet-active | - |
| 9/ 1 | 86 | 12 | 0 | low | quiet-unsettled | - |
| 2 | 90 | 4 | 1 | low | quiet | - |
| 3 | NA | 4 | 0 | low | quiet | - |
| 4 | 94 | 2 | 3 | low | quiet-unsettled | - |
| 5 | 94 | 8 | 0 | low | quiet-unsettled | - |
| 6 | 95 | 14 | 1 | low | quiet-mis | - |
| 7 | 92 | 22 | 3 | low | unsettled-mis | - |
| 8 | 89 | 27 | 3 | low | unsettled-mis | - |
| 9 | 87 | 25 | 5 | low | unsettled-mis | - |
| 10 | 82 | 15 | 3 | very low | quiet-unsettled | - |
| 11 | 81 | 15 | 1 | low | quiet-active | - |
| 12 | 77 | 9 | 4 | very low | quiet-active | - |
| 13 | 76 | 10 | 3 | very low | quiet-active | - |
| 14 | 74 | 6 | 2 | very low | quiet-unsettled | - |
| 15 | 72 | 5 | 2 | very low | quiet | - |
| 16 | 71 | 7 | 2 | very low | quiet-unsettled | - |
| 17 | 70 | 9 | 2 | very low | quiet-unsettled | - |
| 18 | 72 | 4 | 3 | very low | quiet-unsettled | - |
| 19 | 70 | 4 | 1 | very low | quiet | - |
| 9/20 | 70 | 4 | 2 | very low | quiet | - |



As a special project, I am going to compile an audio tape of TIS messages from all over the US and Canada. I can accept either reel-to-reel or cassette tapes, and the announcement should be readable (not faint DX, although clear DX is OK).

Please include call (if known), location, frequency, date and time with each submittal. The length of the final product will depend on how many submissions I get... but I am hoping for at least two sides of a C60 and copies of the final product will be available for a nominal charge. My deadline is November 1 1994.

Verification Signers

Wayne Heinen nrclog.@filebank.com
4131 S. Andes Way
Aurora, CO 80013-3831

Signatures and other information received upon request

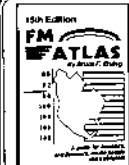
| Freq | Call | Signer | Contributor | Freq | Call | Signer | Contributor |
|------|-------------|-----------------------------------|--------------|------|----------|---------------------------|-------------|
| 530 | WVY508L | David Buck Paf | HH | 1360 | CMFA | Oscar Vitas Ortiz | DT |
| | MD DOT, 70' | Calvert St | Baltimore MD | 1440 | WGEMplbu | James P W. Martens CE | OW |
| 540 | KOJYpub | Elaine Hawkes ACE | OW | 1460 | WXOK | Paul E Burt DoE | DT |
| 550 | KSDlu | Dave Obergoenner VP/Eng | RT | 1470 | KXNlu | William A. Schwartz ACOp | OW |
| | | Sent c/o KSM-960 where he is now! | | 1480 | KMEMlu | Robert E. Cook VP/E | OW |
| 560 | KBOWqu | Charles Cooper CE | WH | 1480 | KWIZpu | L/U CE | OW |
| 570 | KJIFpu | L/U EM | WH | 1490 | KBKSLu | Frank Pierce COp/GM | WH |
| 590 | WPBJ222l | Gene Donaldson E | HH | 1490 | WMOG | Joe Sousa GM | DT |
| 595 | DBSlu | Fred White CT | GM | 1500 | XEAJuz | Arcala Curial Valdez Secy | OW |
| 595 | DDS | Fred White CT | DT | 1510 | WWSMl | Pat Ganett | GM |
| 610 | WZZKt | Troy Pennington CF | DT | 1520 | CMKZ | Monika Porto DPR | DT |
| 650 | KSTElb | Dale L. Harry CE | WH | 1570 | WKDBpu | L/U | HH |
| 680 | WCAWl | James R. Murphy DoE | RT | 1580 | WTWO | Mike Shannon GM | HH |
| 700 | HCBq | Richard McVicar | RT | 1590 | CMDO | Rafael Terreiro Perez | DT |
| 790 | CFCW000uh | Lyndon W. Olson CE | OW | 1600 | KWMMJ | Brad Hart DoE | WH |
| 790 | KOQOLumb | Ed Prince P/GM | WH | 1600 | WNSTu | William Halleron CE | HH |
| 800 | KJNYlb | Charles M. Gray | OA | 1610 | KFB55 | David Buck Paf | HH |
| 820 | AEDA | Teresa Morales Romo M | DT | 1610 | WNQA286 | David Buck COOD | HH |
| 830 | WRFM | Lydia Ayala OEm | DT | 1610 | WNRBp | L/U | GM |
| 900 | HLKvl | Kim Kyu-Soo D | OA | | | | |
| 900 | KFALpu | Dale Blankenship GroupE | OW | | | | |
| 960 | HJOP | Alberto Suarez Lopez Gte | DT | | | | |
| 960 | KZIMlb | Dave Obergoenner DoE | RT | | | | |
| 1010 | KDLApu | L/U CE | MH | | | | |
| 1030 | XEMFMplu | J. Perez Gte | OW | | | | |
| 1040 | WYFXl | Rick Rieke CE | MH | | | | |
| 1050 | KJBOpu | L/U GM | OW | | | | |
| 1050 | KMTAlu | Rob Mun Slc | WH | | | | |
| 1070 | WANM | Homer Haines E | DT | | | | |
| 1090 | CKRXlbu | Tvier Eventt CE | WH | | | | |
| 1120 | KPNWlz | L/U | WH | | | | |
| 1150 | KWKYeu | U/U | WH | | | | |
| 1180 | KGOLlu | Scott Ellis OpCood | OW/WH | | | | |
| 1230 | KKPClz | Lee Douglas M | WH | | | | |
| 1230 | WJNO | Richard R. Lucas E | DT | | | | |
| 1240 | HICV | Ing Roberto Lama Gte | DT | | | | |
| 1240 | WDDO | Joe Meredut's E | DT | | | | |
| 1260 | KJQlpub | Elaine Hawkes ACE | OW | | | | |
| 1260 | KTTSlub | Don Paul Perwitz PM | WH | | | | |
| 1270 | WCGCpu | L/U CE | WH | | | | |
| 1280 | WQLElbu | Gerald J. Duhon Jr | RT | | | | |
| 1320 | KGNRlu | Ritchie Bauer CE | WH | | | | |
| 1330 | KVOLlbu | Dave Grauchen OpM | WH | | | | |
| 1340 | KKYDrb | Lou Strickland AdmA | RT | | | | |
| 1350 | WDCF | David Sharp NxD | DT | | | | |

- | Letter | Meaning |
|--------|-------------------------------------|
| b | Bumper or Window Sticker |
| c | Hand or Typewritten Post card |
| e | English Reply (from Non-EE Country) |
| f | Form Letter |
| h | Signer is a ham op |
| l | letter |
| m | Coverage Map |
| n | Non English Reply |
| p | Self Prepared Card |
| q | Pre printed QSL card |
| r | DX'ers report returned as the QSL. |
| s | Record Survey |
| t | T-Shirt |
| u | Result of Follow Up report |
| v | personal visit |
| x | Vague verification |
| z | Assorted Promo Material |



| InitialName | Contributors | Loc |
|-------------|----------------|---------|
| OA | Ole Alin | Sveden |
| DT | Don Treford | Jamaica |
| OW | John Wilkins | CO |
| MH | Mike Hardester | NC |
| RT | Robert Tiara | NC |
| HK | Howard Kemp | NH |
| WH | Wayne Heinen | CO |

73
Wayne



Bruce Elving's FM Atlas ...15th Edition

The world-famous guide which has served FM DX'ers for over 20 years is available from NRC Publications at the special price of \$16.00. NY orders, please add sales tax.