



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 53 ISSUE 25 Monday, April 14, 1986

First off, page 16 last issue didn't come out so well, hi. A lot of you have told me that as well, hi. You'll find last issues page 16 on page 3 of this issue. You'll also find Mikee and now the printer in the lake!

Not much room in this issue, but we've got some more April Fools stories that we just have to pass on to you, so look for them next issue. Also a WIFX reception status, a bunch of Bandscans, Maps, and couple of articles. All next issue!

Need your help, we would like from you, reports of Cuban Stations that you hear from your location. We will need the frequency and if possible the station ID. We're not interested in content of what was heard, just be sure it is a Cuban station that your hearing and not one from Mexico, Central or South America. Send your info via a postcard or letter to us at HQ.

From the Medium Wave Circle Club's magazine "Medium Wave News" we've learned that RON BOSCO, 36, a MW DXer, passed away. Our condolences to his family.

From Ray Nemeec comes the word that WBYG-930 will be on soon if not already with country music. Also from Ray and a bunch of others comes word that WOI is now fulltime.

Universal Shortwave has their new catalog out, #86-03,. Available for \$1.00, refundable with any purchase. New products include the Japan Radio NRD-525 and Info-tech M-6000 as well as many new publications and accessories. Write to Universal SW Radio, 1280 Aida Drive, Reynoldsburg, OH 43068. Also available for taking orders only is Freds new toll free number, 800-431-3939, Alaska, Hawaii, and Ohio use 614-866-4267.

Log Updaters 1, 2, 3 and now 4 are available for US\$1.00 each. Get yours for your logbook from the NRC Publication Center.

Renewal notices posted on Mail Label Your mail label will be your source of notice that your DX NEWS is about to run out. The Top line (first line) of your address will contain one of the following (in this order): "First Notice", "Time to Renew", "Final Notice", and "Final Issue". As you can see you will receive 4 notices (winter renewals will receive 5, with an additional "Time to Renew" thrown in). This we figure should be more than enough notice, right? Yes, we thought so too. Anyway, Just start getting into the habit of looking at your label for info. It's the first line of the label.

Remainder of Volume 53

Issue	Masthead Date	Pub Session Date
26	May 5	April 27
27	June 9	June 1
28	July 14	July 6
29	August 18	August 10
30	September 22	September 14

Don't Forget the Labor Day Convention in Delaware

LOOK INSIDE:

2.....AM Switch	5.....DDXD-East	9.....DDXD-West
10.....Kanadian Korner	11.....IDXD	12.....Afr Graph
13.....DXChange	16.....MUSINGS	24.....Your Name!

Listen to HCJB "DX Partyline", 0230 UTC Saturday night, for the "AM Interlude" Program with Wayne Heinen. Other stations carrying NRC items, such as DX Audio Service material, include Radio Earth, Radio RSA, WBBI, and KCBJ!

AM SWITCH

② Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

THIS IS THE COLUMN THAT DIDN'T COME OUT SO GOOD LAST ISSUE (PAGE 16) -- HQ

CALL LETTER CHANGES

Old call:	New call:	The situation in Jacksonville has become very confusing with all the station sales and swaps and AM/FM splits and the call changing and swapping that followed. As of today, 3-17-86, here are the calls at the stations in question:
690 WAPE FL Jacksonville	WJAX	690-WJAX, 930-WRXJ, 1220-WKTZ, 1280-WXOZ, 1530-WJXW
1050 KSPD WA Dishman	KEYF	
1170 WRTT CT Vernon	WCTF	
1260 WKGA WV Grafton	WTBZ	
1400 KDTA CO Delta	KPLG	
1550 KRGO UT West Valley City	KRPN	
1560 WQKZ TN Bolivar	WBOL	

APPLICATIONS FOR NEW STATIONS

880 MS Wentzville: 1100/300 U1 (reapplication with revised powers)

GRANTS FOR NEW STATIONS

1010 CA Thousand Palms: 5000/5000 U4
1100 GA Woodbine: 10000 D1

APPLICATIONS FROM EXISTING STATIONS

770 WKZY FL North Fort Myers: night power to 2500
780 WJKB FL Siesta Key: day power to 2500
820 WOSU OH Columbus: night power of fulltime CP to 820 watts
1010 WKQT LA Garyville: change city of license to LaPlace, LA, add 350 watts nights, relocate XR
1150 KQQQ WA Pullman: to 650 kHz 1000/500 U2
1330 WELW OH Willoughby: add 500 watts nights, antenna to U4 (reapplication)
1340 WAGN MI Menominee: 1000/1000 U1
1410 WELM NY Elmira: day power to 5000
1520 WCSP MS Crystal Springs: to 590 kHz 500 D1 (reapplication)
1530 KSMM MN Shakopee: power to 8600

GRANTS TO EXISTING FACILITIES

1330 KLBS CA Los Banos: 410/500 U2, relocate XR
1430 WNJR NJ Newark: relocate XR
1480 WHBC OH Canton: antenna from U2 to U4, relocate daytime XR at site of nighttime XR
1510 WTRJ OH Troy: to 1030 kHz 2500 D1 (reversal of initial decision denying this change. WTRJ is still a CP, not on the air yet. See Union City, IN below.)

OTHERNESS

890 WREE GA College Park: CP granted to replace expired permit
1030 *App IN Union City: FCC initial decision was to grant Union City and deny application of WTRJ-1510 CP to move to this frequency. The decision has been reversed in the courts and WTRJ gets a grant to move to 1030 kHz and Union City application is DENIED.
WBZB MD Indian Head: latest announced target date is 4/20, also see new address below
1100 *App GA Milan: application for new station DISMISSED, there is still a second Milan, GA application pending for 1100 kHz
1170 WCTF CT Vernon, silent as WRTT expected back on shortly with REL format

ADDRESS CHANGE

1030 WBZB MD Indian Head: Waldorf Commercial Center, Box 3B Waldorf, MD 20601

73 and Good DX,

Jerry & BKF

Jerry Starr & Buffalo K. Foonman



Hagerstown Broadcasting Company, Inc.
Box 399, Hagerstown, Maryland 21740

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
730 WCXR VA Alexandria	WKLR	1260 KBBQ TX Dibold	KAFX
800 WEAB SC Greer	WPJM	1300 WTKC KY Lexington	WLXG
820 WAIT IL Chicago	WCZE	1410 WXQT MI Grand Rapids	WKTH
1000 KKOS CA Vista	KVSD	KVEG NV N. Las Vegas	KFMS
1010 WKQT LA Garyville	CKCW	1430 KELI OK Tulsa	KVLT
1150 KKMJ TX El Paso	KEZB	1520 *New MO Camdenton	KCZQ
1220 WSCR CT Hamden	WNNR	1540 WPJM TN Adamsville	WEAB
1230 KDLC TX Del Rio	KLKE	1550 KEWI MO Cape Girardeau	KKPE

APPLICATIONS FOR NEW STATIONS

740 WA Buckley: 5000/500 U4 (reapplication)
820 CO Falcon: 2500 D3 (reapplication)
880 FL Oviedo: 10000/1000 U2
890 MO Gladstone: 1000 D3 (reapplication)
MO Smithville: 700 D3 (reapplication)
VA Dublin: 25000 (10000 CH) D3 (reapplication)
1020 FL Homestead: 50000/1000 U2
GA Ringgold: 50000 (5000 CH) D3
1400 NH Marlborough: 1000/1000 U1
1410 NM Socorro: 1000 D3
1420 NM Bernalillo: 5000/500 U2

GRANTS FOR NEW STATIONS

1190 FL Royal Palm Beach: 1000/1000 U2
1200 IL Chicago: 10000/2500 U4
1270 MN Baxter: 5000/5000 U2
1450 CO Buena Vista: 250/250 U1 (corrects previously reported power)

APPLICATIONS FROM EXISTING FACILITIES

710 KUET AZ Black Canyon City: powers to 50000/4500 U4 (station had a previously authorized fulltime CP but never used it)
740 WSBF FL Boca Raton: night power to 940 watts
770 WKZY FL North Fort Myers: night power to 2500 watts
860 WAMA FL Dunedin: powers to 2000/1600 watts
990 WEIS AL Centre: power to 1000
WYAT LA New Orleans: day power to 1100 watts, add 400 watts night U1
1090 KLWJ OR Umatilla: add 710 watts night U1
1120 KANN UT Roy: antenna to U4, still a CP, KANN presently on 1090 kHz
1130 KROU CA Dinuba: powers to 5000/6200 watts
1160 WYNS PA Lehighton: day power to 4000 watts, station still on 1150 kHz
1190 KPZE CA Anaheim: powers to 35000/1300 watts U2
1240 KTAM TX Bryan: reduce power to 380/380 watts
1290 WRCP RI Providence: night power to 5000 watts (reapplication)
1310 WGSP NC Charlotte: add 1600 watts night, antenna to U2
1360 KOHU OR Hermiston: day power to 5000 watts
1570 WVVW WV St. Marys: to 630 kHz with 500 D1
1580 KNIX AZ Tempe: night power to 50000, antenna to U4
WGFV PR Morovis: day power to 5000 watts
1600 KNWA AR Bellefonte: power to 5000 watts

GRANTS TO EXISTING FACILITIES

1150 WMST KY Mount Sterling: to 1160 kHz 1000/1000 U4
1190 WWLD FL Pine Castle-Sky Lake: power to 5000 D1
1370 KWNC WA Quincy: relocate XR
1380 WTOB NC Winston-Salem: relocate XR

OTHERNESS

670 WWFE FL Miami: requests extension of CP for new station
720 WRBR MS Richland: requests extension of CP for new station
750 WRGE PA Olyphant: granted extension of CP for new station to 3-20
870 KAIM HI Honolulu: application for power increase to 100000 watts DISMISSED again
990 KWAM TN Memphis: application to add 450 watts night returned
1020 *App SC Blythwood: application for new station DISMISSED
1040 *App NY Owego: application for new station returned
1050 KOFY CA San Mateo: formerly silent, now back on the air
1060 KPUB TX Winters: requests reinstatement of expired CP
1090 *App MN Fergus Falls: application for new station returned
1100 *App FL Longwood: application for new station returned
WUBS IL Harrisburg: requests extension of CP for new station

- 1170 WVSG NY Cornwall: station is back on the air, then back off the air, etc. Doesn't seem to be maintaining a regular schedule
- WXLA MI Dimondale: still here on 1170 with no plans to move to 1180 in the foreseeable future according to fone call to station. By the way, it is pronounced Dimondale despite it's spelling
- *App SC Quinby: application for new station returned
- 1180 *App GA Pooler: application for new station returned
- *App NC Linden: application for new station returned
- *App SC Orangeburg: application for new station returned
- 1190 *App FL Port St. Lucie/Silver Springs: both these applications for new stations DISMISSED in same action granting upgrade of facilities at WWLD and new station at Royal Palm Beach, FL
- 1200 *App IL Melrose Park: application for new station DISMISSED in same action granting new Chicago station on 1200 kHz
- 1210 KPRZ CA San Marcos: new station is on the air with REL format
- 1230 WENY NY Elmira: application to move to 1200 kHz DISMISSED
- 1260 WCRS AL Birmingham: requests extention of CP for fulltime and move
- 1270 *App MN Buhl: application for new station DISMISSED
- 1280 WMRO IL Aurora: application to move to 1200 kHz DISMISSED in same action granting new Chicago station on 1200 kHz
- 1290 *App VA Garrisonville: application for new station returned
- 1340 KLVR UT Heber City: application to move to 1210 kHz DISMISSED
- 1410 WATD MA Brockton: silent as WAMK is back on the air
- KBAL TX San Saba: application for power increase returned
- 1530 WCKY OH Cincinnati: lost part of antenna system in tornado, has been operating temporarily with U1 antenna
- 1550 KISK NV Reno: granted extension of CP for new station to 8-29
- 1590 WAWA WI West Allis: application to move to 1200 DISMISSED in same action granting new station in Chicago on 1200 kHz
- 1600 *App MN Minnetrista: application for new station returned

NEW ADDRESSES

- 770 WYRV VA Cedar Bluff: Box 163 24609
- 870 WQRX AL Valley Head: Box 309 35989

COMMENTS

You may have asked yourself, as several have asked me in letters, why stations on the Canadian clear frequencies are still applying for fulltime powers (see WYAT and KWAM-990 in sections above) since the FCC granted all stations on the Canadian clears wholesale night powers. It is true that each station was granted an automatic fulltime but many of the night powers were very low. Each station has the right to apply to have these night powers raised, however, and what we are now seeing is a reflection of this. All stations were granted a power calculated for using the existing daytime antenna systems and patterns. Stations may apply for higher power using a separate directional pattern at night or simply apply to raise power to a level they feel will be acceptable. I get the feeling that we'll be seeing a lot more of these applications.

73 and Good DX,

Jerry & BKF

Jerry Starr & Buffalo K. Foonman

BEVERAGE EXPEDITION

If you're planning to be in southern California during the weekend of May 10-11, why not join us at the Ironage Road beverage antenna site for a world-wide listening session? It's easy to find ... once you arrive at Twentynine Palms, drive approximately 26 miles east on California 62 to the Ironage Road turnoff, and then drive north approximately 1.2 miles. You're there! Bring everything with you, as there are absolutely no facilities at the site ... but you can expect clean air, a panoramic view of the mountains by day and the stars at night, and NO QRM. I suggest normal camping gear, water, food, an extra 12-volt battery, a 12-volt capable receiver, and perhaps some 1x2 stakes for beverage building and something to pound them in with. The southeast beverage is pointed at downtown Bogot4, and depending upon the number of DX'ers who show up, we plan to rebuild the others. Someone should be at the site as early as Friday evening. For more information, contact Paul Swearingen at P. O. Box 4812 - Panorama City, CA 91412-4812.

DOMESTIC DX DIGEST - EAST

Dave Schmidt (302) 323-0338
42 Chelwynne Road, Castle Hills, New Castle, DE 19720

And now the NRC column which makes you happy as a clam! When sending your items in please type or neatly write, one side of the paper, EST (EDT starts 4/27), skip a line or two between items and all that stuff! And away we go:

WLTM Radio

MOUNTAIN BROADCASTING

- **DX TESTS**
- 1570 WVW WV ST MARYS - DX TEST penetrated din with TT and female anc'r. (ML-PA)
- **SPECIAL**
- 540 WEIZ GA COLUMBUS - 3/2 2311-2342+ great w/MOR/Oldies, mention of AM stereo o/ CBEP/CBK, was looking for CKCY but I'll take this, ex-WDAK. (WF-IN)...
- 3/17 0104 good o/CBK w/CW music, ID, mention of new studios. (KDF-IL)
- 870 WQRX AL VALLEY HEAD - 3/25 1844 brand new station atop w/s/off w/'My Homes in Alabama', ID's as RX-87, dual ID w/Port Payne. (JS-OH)...3/18 1843-1845 strong w/s/off o/WNL, power given as D1 5000 not D3 2500. (SP-TN)
- 1100 WYKR VT WELLS RIVER - 3/25 1755 poor w/ID into s/off u/WHLI/WGPA. (DV-NY)
- 1160 WCCS PA HOMER CITY - 3/25 1715 my closest unheard until today, super S9 signal, never heard a hint of them in the past. Per call to station, their 5000 watt CP is NOT on and won't be for another month, ID's as Stereo 11-60 frequently. (JS-OH) Likely one of the best sounding stations I've heard running the SMN, too. (DS)
- 1580 CBJ PQ CHICOUTIMI - beginning 2/25 they quit their AN TT to join the AN CBC Classical music network, but they were noted back on the AN TT by Wed. 3/19. (ERC-MA) Hutton wrote the letter, he knows all excuses!
- **MIDDAY - MIDNITE**
- 540 WDMV MD POCOMOKE CITY - 3/20 1815 u/CJSB w/s/off, female anc'r. (TF-CT)
- 550 WSWA VA HARRISONBURG - 3/22 1810 fair w/WGR w/ad, sports scores. (LM-NY)
- WDEV VT WATERBURY - 3/20 1747 briefly atop w/weather, ad, Motor Sports report promo, sports news. (LM-NY)
- 590 UNID 3/2 2337-2341 Spanish likely from you know where, o/WOW/weak WRTH. (WF-IN) Yeah, spurious signals from Ron Schatz! (DS)
- 640 WFNC NC FAYETTEVILLE - 3/20 1753 fair w/local news, 1st time here. (LM-NY)
- 660 WCRR VA RURAL RETREAT - 3/26 1817-1830 fair thru WNBC w/MOR, ads, full data s/off. (KG-PA)
- 670 KWXI AR GLENWOOD - 3/22 1905-1915 fair in WMAQ's null w/sports, ads, full data s/off w/female anc'r closing w/vocal SSB. (KG-PA)
- UNID 3/2 2344-2351 Spanish, sounded like the same thing on 590, u/WMAQ. (WF)
- 730 WCXR VA ALEXANDRIA - 3/13 1830-1844 very strong running overboard on full power w/rock music, ads, weather & FM ID's, 1815 was s/off time. (KG-PA)
- 770 WYRV VA CEDAR BLUFF - 3/25 1816-1829 atop w/ad, Top 40 music, full s/off. (JS-OH)
- 810 WQIZ SC ST GEORGE - 3/20 1819 o/WGY w/religion, weather. (TF-CT)
- 800 CJAD PQ MONTREAL - 3/20 1757 fair u/CKLW w/ski report. (LM-NY)
- 840 CHUR ON NORTH BAY - 3/16 1928 fair in WHAS null w/report on Canadian economy, later noted 3/17 006 w/news, ID. (KDF-IL)
- 850 WEBU PA READING - 3/22 1720 poor thru mess/WHDH/WREP w/female anc'r, ID. (LM-NY)
- 900 WLIC MD LAUREL - 3/8 1805-1816 good in CHML null w/Latin music/songs, s/off in English & Spanish, Radio Borinquen slogan. (KG-PA)
- 910 WRNL VA RICHMOND - 3/12 1800-1810 xint w/ID, news, weather. (DV-NY)
- WDOF WI STURGEON BAY - 3/12 1841 fair w/promo, ID, CW music. (DV-NY)
- KLCN AR BLYTHEVILLE - 3/12 1900 fair w/full data s/off, FM 96 mention. (DV-NY)
- WKDQ KY BURNSIDE - 3/23 1845 poor w/s/off w/SSB, again 3/24 1842 w/ID, lost to WJCW. (DV-NY)
- WJCW TN JOHNSON CITY - 3/24 1846-1855 very good w/ID, time, weather. (DV-NY)

WHAT YOU'VE BEEN LISTENING FOR

WXWY

AM 1000 BALDWIN COUNTY'S SOLID COUNTRY

WTOE

CBS RADIO NETWORK

AM Radio Service of The River Valley Broadcasting Co., Inc.

920 KDHL MN PARIBAUT - 3/11 2009-2038 fair at times w/high school basketball and local ads o/WBAA. (WF-IN)

6 CKCY ON SAULT STE MARIE - 3/2 2353-2359 good w/MOR music o/WMMN. This was reported on 540 in V53-120 DDXD East, what gives. (WF-IN) Yes, Dan, what gives? What did you hear? (DS)

930 WNNH NH ROCHESTER - 3/5 1905-1915 o/all w/Solid Gold Country programming, ID and promo into high school basketball. (KG-PA)

WCNR PA BLOOMSBURG - 3/18 1810-1815 fair w/CW music, s/off w/SSB. (LM-NY)

940 WVLV PA LEBANON - 3/18 1757 poor thru noise w/ID. (LM-NY)

WGFP MA WEBSTER - 3/19 1753 poor u/noise w/ad, promo/ID, Big Band music. (LM-NY) 3/12 1800 noted w/Big Band/old MoR tunes. (ERC-MA)

960 WPRT KY PRESTONBURG - 3/22 1842-1845 on top w/CW music, full data s/off. (KG-PA)

WATS PA SAYRE - 3/14 1810 booming in o/WELI w/news, CW music. (LM-NY)

1000 CKBN NS BRIDGEWATER - 3/15 2115 good w/Sat. Nite Jamboree, CW music. (RB-NY)

WCXW MA LECOMINSTER - 3/11 1742 good w/WMBW w/CW music, ads, contest. (LM-NY)

WFWB VT RUTLAND - 3/11 1740 fair w/WCMX w/news, ski report promo. (LM-NY)..... 3/23 1750-1800 rock music, ID for 'Your Weather Station', detailed s/off w/SSB. (TP-CT).....3/12 1800 noted til s/off w/severe het on their low side from WCXW which s/off a few seconds earlier and was about 998 khz. (ERC-MA) Want the phone number for Belfast? (DS)

1010 WYST MD BALTIMORE - 3/22 1725 good in WINS null w/oldies, 'Your Solid Gold Station' slogan. (LM-NY)

1040 WSKE PA EVERETT - 3/21 1815 good w/contest promo, CW music mention in very brief no data s/off. (LM-NY)

WJOR TN ST JOSEPH - 3/17 1859-1902 fair o/WHO w/CW music w/partial ID, noted w/late s/off. (WF-IN)

1070 WKOK PA SUNBURY - 3/11 1747 fair/good w/many ads. (LM-NY)

1080 WUFO NY AMHERST - 2/24 1320 B/Sol music, ID, o/WEEP. (ML-PA)

WVKV WV HURRICANE - 3/22 1826-1830 poor thru WTIC w/CW music, s/off w/full data except address. (KG-PA)

1090 WAQE WI RICE LAKE - 3/5 1923 fair w/music, ads, hurried s/off. (KDF-IL)

1100 WLBB GA CARROLTON - 3/19 1805 faded up briefly w/news, weather, ID, lost to WMAE/WGPA. (DV-NY)

WGPA PA BETHLEHEM - 3/20 1757-1815 good w/PSA, ID, news til s/off o/WMAE. (DV-NY)

1110 WZAM VA NORFOLK - 3/22 1733 in briefly w/Gospel music, ID for Gospel Radio 1110, lost to WBT. (TP-CT)

1120 UNID 3/12 1824 someone w/CW music til at least 1843, couldn't pull ID. (ERC)

1150 WYNS PA LEHIGHTON - 3/21 1751 fair w/nostalgia show promo. (LM-NY)

CHSJ NB ST JOHN - 3/20 1824 good w/rock music, ad, Accu weather. (LM-NY)

1180 WJFJ RI HOPE VALLEY - 3/11 1754 fair/good at times in WHAM null w/CW music, ads, finally got a good ID on this. (LM-NY)

1190 WBDY VA BLUEFIELD - 3/22 1800 xlt w/ID w/FM 106 into news. (DV-NY)

1200 CPGO ON OTTAWA - 3/13 1741-1744 in/out w/ads, cancellations, MoR/Top 40 music, alone. (WF-IN).....3/15 1830-1900 atop w/rock music, ID, way o/WAGE. (TF) 3/21 1827 very strong o/WCAU w/B/Sol/Dance music til 1830 w/'This concludes our b'casting efforts for today, thanks for listening, tune in tomorrow morning for the best in music, news, weather & sports. This is good night from your station', that was it! No call, no ID! Doesn't match anything on 1210 so maybe a new CP? Also noted 3/24, even shorter anc't!. WDAO s/off is 1845 in March. (JS-OH)

1220 WTCN MN STILLWATER - 3/5 1916 fair w/s/off, mentioned 'application pending' to go fulltime. (KDF-IL)

WKBK NH KEENE - 3/15 1756 detailed s/off w/Lords Prayer, to return 0600. Again 3/16 1738 CBS news, ads, atop freq. (TP-CT)

1230 WHVC NH HUDSON - 3/21 1717 atop w/detailed weather for the 'Beautiful Hudson Valley' then faded. (TP-CT)

1260 WPHB PA PHILLIPSBURG - 3/8 1740 atop channel w/CW music, ads. (LM-NY)

1270 WTSN NH DOVER - 3/8 1635 fair thru WDLA w/rock music, Seacoast Weekend ID. (LM)

1280 WTVR PA HANOVER - 3/8 1735 fair w/Compuweather, sports. (LM-NY)

1290 WFBG PA ALTOONA - 3/4 2250 w/ID thru noise. (ML-PA)

1320 WJAS PA PITTSBURGH - 3/10 1848 fair w/CPGM w/ad, MYL, female anc'r. (LM-NY)

WBCW PA SCRANTON - 3/14 1752 fair w/WCVR/CPGM w/ad, news. (LM-NY)

WCVR VT RANDOLPH - 3/14 1755 fair w/WBQW/CPGM w/ad, news. (LM-NY)

1330 WBOB NY OWEGO - 3/12 1820 fair/poor w/s/off u/noise/WPOW. (LM-NY)

WADJ PA SOMERSET - 3/11 1808 good w/rock music, ads, PSA, 13-DJ ID's. (LM-NY).... 3/22 1750-1800 rock music, ID, way o/WNYM. (TP-CT)

1350 CHRO ON PEMBROKE - 3/10 1836 fair thru noise w/CW music. (LM-NY)

WBEM PA WINDBER - 3/26 1908 over all w/full data s/off, mentions studios near Johnstown, xmtr location as Windber, overboard as s/off should have been 1815 for this daytimer. (KG-PA)

WBAL-AM
WBAL-TV
WYY-FM

WDOV
1410 AM RADIO

1370 WKMC PA ROARING SPRINGS - 3/11 1812 fair u/WPEA w/news, ads, MoR music, AM stereo mention. (LM-NY)

1380 WNRI RI WOONSOCKET - 3/14 1800 poor w/s/off. (LM-NY)

1450 UNID 3/12 1840 fair in WKIP null w/Radio 99 slogan, ad for Sunbury, suspect WFXK South Willaimsport. (LM-NY)

WILM DE WILMINGTON - 3/8 1656 poor in WKIP null w/local news. (LM-NY)

1490 WCSS NY AMSTERDAM - 3/10 1810-1827 occasionally way o/all w/NY state news, sports, trivia question. (KG-PA)

1520 WPOE MA GREENFIELD - 3/21 1755 briefly in WKKB null w/rock music. (LM-NY)

1530 WDJZ CT BRIDGEPORT - 3/12 1756 fair w/MoR music, 'Music & Memories' slogan. (LM)

1550 WARD PA PITTSSTON - 3/12 1751 atop w/ads, sports promo, call in show, no WNTN. (LM-NY).....3/12 1803-1811 noted u/WPTR splash when then either faded o/s/off, not enuf for report. (ERC-MA)

1570 WMYN WI MINOCQUA - 3/10 1901 fair w/polka like music, s/off. (KDF-IL)

1580 WVKO OH COLUMBUS - 3/19 1830-1840 rock music, ID for Columbus Hot Rythm, ads, contest promo, still 1000 watts? (TF-CT)

WBEQ PA EBENSBURG - 3/23 1800-1816 o/all w/pop music, Solid Gold 1580 ID, full data s/off. (KG-PA)

1600 WIXY MA E LONGMEADOW - 3/4 2210 ID in then faded, not on new calls yet? (ML-PA)

****MIDNITE - MIDDAY****

540 KMON MT GREAT FALLS - 3/16 1003 ID, weather. (DB-NE)

560 WIS SC COLUMBIA - 3/3 0132-0145+ poor but steady w/Larry King o/KLVI, WIND was off this AM. (WF-IN)

570 WNAX SD YANKTON - 3/22 0315 briefly o/WMCA w/local/regional weather, ID, WSYR was off this AM. (DV-NY)

690 WADS CT ANSONIA - 3/16 0800 good w/polka music, ads, ID. (RB-NY)

*WPIX LA NEW ORLEANS - 3/17 0230 noted on ET u/CBKF. (DB-NE)

720 *WGN IL CHICAGO - 3/17 0320 noted w/ET in progress. (DB-NE)

730 UNID 3/22 1818-1830 Childrens stories on 'Your Story Hour' then faded by s/off, WPIIT likely. (TP-CT)

WYTC KY VAN CLEVE - 3/22 1830-1845 hymns, s/off to Praise God from Whom All The Blessings Flow, mentioning Sunday noon s/on. (TP-CT) Sorry, wrong place

770 WJMW AL ATHENS - 3/16 0302-0307 good w/WABC nulled w/break in Country Countdown United Stations network, triple ID w/Decatur/Huntsville. (WF-IN)

830 CFJR ON BROCKVILLE - 3/3 0202-0214 strong w/news, sports, weather, MoR music o/WCCO, never noted at sunset. (WF-IN)

910 WABI ME BANGOR - 3/13 0621 surfaced w/ID, MoR music o/WRCQ. (DV-NY)

WRCQ CT NEW BRITAIN - 3/13 0625 very good w/weather, time. (DV-NY)

WRKL NY NEW CITY - 3/15 0845 fair w/Garden Hotline program. (RB-NY)

960 CFAC AB CALGARY - 3/5 0359-0400 popped up w/CW music, Country 96 ID into news, was waiting for a TT to ID. (WF-IN)

*UNID 3/5 0348-0457 someone here w/ET w/constant TT on/off, looping NW/SE, o/WSBT/WFIR/CKWS. (WF-IN)

970 WTKN PA PITTSBURGH - 3/14 0443-0445 fair w/break in talk, alone. (WF-IN)

980 *UNID 2/27 0243 someone here w/Pop TT from tune in til past 0300, no ID's noted. (ERC-MA)

990 WZZD PA PHILADELPHIA - 3/16 0945 strong w/Christian music, ID. (RB-NY)

1010 *WINS NY NEW YORK - Noted off for 3 consecutive MM's thru 3/17. (ERC-MA)

1060 WNOE LA NEW ORLEANS - 3/17 0300 fair w/CW music. (DB-NE)

1100 WHLI NY HEMPSTEAD - 3/19 0700fair w/local election results, ID. (DV-NY)

1160 *UNID 2/26 0200+ strong OC here all AM, o/WJJD. (ERC-MA)

1170 KXZX IA DAVENPORT - 3/16 0456-0503 local like w/MoR music, o/WWVA/KVDD TT. (WF)

1200 CPGO ON OTTAWA - 3/16 0241-0508+ fade free w/Top 40 music, few ID's u/WDAI. (WF)

UNID 3/3 0121-0123 Spanish in WDAI null, Cuba? (WF-IN) You win! (DS)

1230 WNBV WI WPPLETON - 3/13 0438-0439 briefly noted w/ID, MoR music. (WF-IN)

1260 WBHG OH CLEVELAND - 2/23 0325 w/ID, WLKK was off. (ML-PA)

WDC DC WASHINGTON - 2/23 0330 w/MYL, ID, WLKK was off. (ML-PA)

1330 WFBG SC GREENVILLE - 2/27 0400 NBC news, ID. (ML-PA)

KPH KS WITCHITA - 3/17 0538 w/ID, contest promo. (DB-NE)

1370 WJWS VA SOUTH HILL - 3/4 0600 o/all w/no data s/on w/WSHV-FM into AP news. (KG)

1550 WBZQ NC GREENVILLE - 3/27 0615 strong in CBE's null w/full data s/on into The Voice of Prophecy. (KG-PA)

1560 WYZD NC DOBSON - 3/4 0617 strong in WQXR's null w/no data s/on into CW/gospel music programming. (KG-PA)

1570 WTLK NC TAYLORSVILLE - 3/8 0559 fair o/WYTI w/s/on, NCN News. (KDF-IL)

*CKTA AB TABOR - 3/17 0604 w/ET in progress, CW music. (DB-NE)

1580 WPOC MD MORNINGSIDE - 3/11 0638-0701 strong w/MoR music, Classy 95 ID's o/mess. (WF-IN).....3/17 0058-0145+ strong w/regular FM rock music program, ET or forgot to shut down AM? (KG-PA)

1590 *UNID 3/2 0220-0230+ loud OC here this AM, no ID's. (ERC-MA)

WONX IL EVANSTON - 3/17 0038 way o/WAKR w/Spanish music up til full data s/off in English at 0101, w/vocal SSB. ID as One X. (JS-OH)

KYDE AR PINE BLUFF - 3/11 0449-0517 weather into B/Sol program, fair signal. (WF)

PIRATES

1622 KROK 3/17 0006-0031 looped toward NYC, pop oldies, good signal but very heavy noise/static/beacon, good audio. How many different calls do these guys use? (JS-OH)

PILE #13 DEPARTMENT

The words 'What happened to my stuff?' is cried out....it's like this, bunk! At the start of the column, I constantly request your items to be timely, not over a month old. With the turn-around from type up til print is 2 weeks, thus anything over a month will be 6 weeks old when printed, time-value info zilch! Please don't hold back on your contributions, and they'll get printed with no problem.

On the other hand, we received an empty envelope from JOHN MALICKY, the post office evidently found his tips to be of more value than us! Whenever something like that happens, we usually turn in a nasty complaint to the Postmaster ("Even though your people take tests, is reading a required item???"). That's what 22 cents pays for!

THE DIAL DOERS

- DV-NY/Don Voorhies, Oswego, NY/DX300, LW
- SP-TN/Steve Francis/Alcoa, TN/TRF
- TP-CT/Tony Fitzherbert, Fairfield, CT/Superadio
- JS-OH/Jerry Starr, Hubbard, OH/HQ180, Loop
- KDF-IL/Karl D. Porth, Chicago, IL/HQ160, ICR70
- WF-IN/Wendall Ford, Westville, IN/Fisher AM-FM Stereo
- DB-NE/Dan Bartek, Wahoo, NE/DX400, MW DX2, Beverage
- KG-PA/Kermit Geary, Walnutport, PA/HQ180, R389, Loop, LWS
- RB-NY/Ray Bauernhuber, Rosedale, NY/RF2800, Shotgun Loop
- ML-PA/Marshall Lillie, Erie, PA/SA120
- LM-NY/Laura McCusker, Kingston, NY/Superadios
- ERC-MA/Ernest Cooper, Provincetown, MA/HQ180, Superadio, Loop, LW
- DS-DE/The guy who will see you Labor Day Weekend!

And we'll be back in 2 weeks! And Don't Call Me Chuck! 73's - Good DX!

1470/WMMW
 NOW 24 HOURS/2500 WATTS

McKinney Details FCC AM Plans

by David Hughes

Washington DC ... FCC Mass Media Bureau Chief James McKinney revealed additional details about ways to revive the AM band at a 26 February NRBA-sponsored "town meeting."

The final of four planned town meetings on AM improvement drew about 75 engineers and general managers from stations in the mid-Atlantic region to the meeting, held at the Capital Hilton in Washington, DC.

McKinney said that, in the last decade, the AM band has lost a "dramatic" number of listeners—as much as 28%. Concurrent with this loss, he said, was the industry's inability to formulate an AM stereo standard (with no help from the FCC, he admitted) and to implement specific improvements in AM technical quality.

Attempts to get the AM improvement ball rolling are underway, he told those gathered in the hotel's Massachusetts Room. At press time, the Commission was putting the final touches on an all-encompassing AM improvement report that will recommend a wide variety of changes designed to breathe new life into AM, he added.

McKinney praised the efforts of the National Radio Systems Committee (NRSC), which was resurrected last year to examine methods to improve the technical quality of AM radio (work continues on a preemphasis standard), and the NAB's AM Improvement Committee,

which is organizing a test of new AM antennas designed to improve groundwave coverage.

Lack of experimentation

Despite the Commission's and industry's recent efforts, AM still has a long way to go, McKinney said. He compared



James McKinney, FCC Mass Media Bureau Chief

the current state of AM to that of FM in the 1960s. Back then, he said, AM was king and broadcasters had to "experiment" with FM programming.

However, the situation has largely been reversed, McKinney commented, adding, "I don't see much experimentation on AM."

He maintained that, beyond the removal of burdensome regulations, it is not the Commission's business to dictate signal quality standards. "We are not in-

terested in how you do your job at a local station. The marketplace will control that," he said.

However, many of the broadcasters gathered at the meeting did not dwell on the "experimentation" issue. Instead, they had specific questions, and complaints, about their particular operations.

They wondered why their presunrise and postsunset power levels differed, what was being done to reduce overall AM noise, if there was any progress in establishing an industry AM stereo standard, and why more high quality AM receivers weren't being manufactured.

Report due

McKinney said the Commission was dealing with the final phases of its AM improvement report. A first draft had been produced, and he predicted it would be released by the end of March. Originally, the Commission was to have released the report by the end of 1985.

"It's not an action document," McKinney maintained. Its purpose, he said, is to spur other rulemakings, including the first, which is to be on the use of synchronous AM transmitters.

Following the release of the AM report and the period for public comment that will follow, the Commission will then decide the priority of rulemakings on particular issues, such as clear channel operations, McKinney told those gathered.

"We will decide which rulemakings we will tackle in 1986, then 1987," he said.

Continued Page 15

DOMESTIC DX DIGEST - WEST

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

When reporting to DDXD-West use the same form that you see in the column, use Eastern time, on one side of the sheet of paper. Put DDXD or NRC on the envelope or report (I edit the IRCA equivalent of DDXD-W and don't want your report to end up in the wrong bulletin!). Deadlines are Fridays--April 18, May 23, June 27, August 1 and September 5. Hope to hear from you if you are in the Pacific or Mountain time zones.

SPECIAL

1470 KKVU UT TREMONTON - 3/19 0900 clear ID with new calls, under KWIV/KWSL/KHND. Formerly KBCM. (WCM-ND)

DX TEST

1050 KSPO WA DISHMAN-SPOKANE - MM 3/10 0300-0310 kept trying for DX test, but no luck here, not heard. Only XED & other SS unID. (JH) 3/10 0310 tried but not heard. Mostly just XED. (BH-WA)

MIDNIGHT TO MIDDAY

- 1150 KAGO OR KLAMATH FALLS - 2/22 1050 fair with ID & music in KBAI null. New. (JH-CA)
- KKEY OR PORTLAND - 2/22 1100 fair-poor with relig. in KAGO null o/u KBAI. Came up well with 2 legal ID's & TC at 1100. Nice to hear this also on 1150, listed as DJ. New. (JH-CA)
- 1230 UNID MM 3/10 0340 barely on top with slogan ID "24 hours, K-Easy, 12-30 AM stereo in the high desert, with easy sounds." Maybe KSZL-Barstow is on, or KEZD-NV or KESE-AZ? Any ideas on this? (JH-CA)
- 1360 WGEE WI GREEN BAY - 3/12 0803-0808 o/KSCJ with area news, bank ad, sports. (WCM-ND)
- 1430 KNXP MN STAPLES - 3/19 0825 briefly over mess of stations with ad, ID, weather. Remove from "Hardest Stations" list in issue 21! (WCM-ND)
- 1440 WNPL WI GREEN BAY - 3/14 0906-0909 over KQRS with area news, same bank ad as WGEE, sports. (WCM-ND)
- 1460 KLCZ CA SALINAS - 3/3 1155 my local noted simulcasting w/KDON 102.5 FM for the first time. Per phone call, dropped "Classy 14-60" due to not showing up in latest ratings & will change call letters (poss. back to KDON). Rumor is around the area new format will be Spanish. Off the air 3/4 & 3/5 due to tech. problems. 3/8 1200 still simulcasting KDON-FM during morning and afternoon drive. Automated AdCon other hours. IDs only as "AM-1460" except on hour legal ID "KLCZ, Salinas." (JH-CA)

MIDDAY TO MIDNIGHT

- 570 KCNO CA ALTURAS - 3/3 2018-2024 good sig. all alone at first with local ads, ID, MOR music. Faded, with one more ID 2024. (JH)
- 660 KTNN AZ WINDOW ROCK - 3/3 2028 new station now on the air. AdCon music with many IDs & "Mighty 660" slogan. Ads for Window Rock & St. Michaels, AZ, and Gallup, NM. Ment. of being owned by Navajo Indian Tribe. 0150 solid with no fading. S/off 0200 ment. of 50kw day & night, transmitter at Sawmill, AZ, address as P.O. Box 2569, Window Rock, AZ 85615. (JH-CA) 3/10 1958-2020 estimated S/4 on daytime nondirectional signal and S/2 on nitetime pattern. NBC News on the hour. Rock & roll from 2005-0200 each nite. (WCM-ND)
- 930 KAGI OR GRANTS PASS - 3/3 2105 good out of AI news w/ID & local news, ment. Grants Pass. New. (JH-CA)
- 970 KYTE OR PORTLAND - 3/12 2150 good with "9-70 KYTE" ID, Big Band music, local ads. UnID class. music under, poss. KHYV? (JH)
- 990 KBLS CA SANTA BARBARA - 3/7 2130 fair in KKIS null w/Big Band music, full legal ID, into local news. Should be on PSSA power of 120 watts. If so, they get out nicely. New here. (JH-CA)
- 1010 KCHJ CA DELANO - 3/12 2153 fair to good with ID, Big Band music, asking for letters. Are they part G&W and part Big Band? (JH-CA)
- 1230 KBOV CA BISHOP - 3/12 2205 out of ABC News, fair-poor with ID, def. mention of Bishop, CA and Owens Valley, local ads. Quick fadeout. First time heard here with new calls, ex-KIBS. (JH)

Bob Foxworth checks in with the LW stuff below, a good bit of which is important because the LW stations below 200 KHz have moved to new frequencies.

- 1240 KNRY CA MONTEREY - 3/3 1255 my local went off the air suddenly with transmitter problem. Back on at 1310. Only heard KSUE at 1303 out of AP News w/ID & local news, poor-fair. (JH-CA)
- 1270 KCOK CA TULARE-VISALIA - 3/7 2153 noted with SMN Stardust format and ID with promo for Larry King Show. (JH-CA)
- 1300 KPMO CA MENDOCINO - 3/3 2125 briefly on top with ad ment. Fort Bragg, weak ID, then lost to KHUG. New. (JH-CA)
- 1400 KVIS CA VISALIA - 3/12 2120 in very strong with C&W music, ID as "AM-14, KVIS." (JH-CA)
- 1450 KVEN CA VENTURA - 3/12 2130 clear ID ment. Ventura, into talk-show, other UNID under ment. Palm Springs, maybe KPSI. New. (JH-CA)

REPORTERS:

BH-WA/Bill Hardy, Aberdeen, WA/FRG-7, Radio West loop
 JH-CA/Jim Hilliker, Carmel Valley, CA/R-1000, Radio West loop
 WCM-ND/William C. Moser, Wishek, ND/Zenith K731 using loop antenna

KANADIAN KORNER

John Oldfield, 7135 129A Street, Surrey, BC V3W 6T4

AM Station News from Canada

- 530 BC Vancouver area, 400w. DL will be on by now. EXPO 86 TIS info. for World's Fair. See also 1600.
- 540 ON CKCY Sault Ste. Marie finally on ex 920. (DB-NRC)
- 580 PQ CHLC Hauterive got CP for 10kw. days.
- 600 PQ CFCF Montreal got CP for 10kw. days.
- 620 ON CPCL Timmins & twins drops all SRC(CBC French).
- 650 BC CISEL Richmond got CP for 10/2kw. and also one year CP for 2 1/2/725w. until xr site moved from Delta to Richmond.
- 710 PQ CBOM Maniwaki to here from 1230. It says M(not CBON) & 40w. UL
- 710 PQ CBF-18 Parent to here from 1240. Also is ex CEV-1.
- 750 PQ CEMJ Murdochville to here from 1400.
- 750 PQ CBFA-3 Sanmaur to here from 1340. Also is ex CEV-4
- 760 BC CPLD Burns lake got CP for 1 1/2kw. UL ex 1400. Twins CBEV/CJCI.
- 760 PQ CBSI-2 Schefferville ex 1230. Listed as -2 not -12.
- 800 BC CJUP Langley again with Ethnic at night. So far it's Chinese.
- 800 ON CFOB Ft. Frances(CP 640). Note that they carry their own pre-timed local ads & IDs even when automated AN from CKIS feed.
- 870 BC CBEV Smithers ID: "Cariboo Central Interior Radio" or "CI"
- 1040 BC C... Vancouver rptd. as Tting. As of 3/12 they were begging local council & farmer to pass zoning re xr site. Thus the CRTC extended on-air date to mid-August.
- 1100 PQ CBSI-5 Natashquan ex 1450 This opens up 1450 for
- 1100 PQ CBSI-7 Havre-St.-Pierre ex 1450. an area twin.
- 1100 PQ CBSI-9 Sheldrake here ex 1450.
- 1200 ON CPGO Ottawa is here ex 1440.
- 1210 AB CKWA Slave Lake is on. ID "KWA"(MS-AB). Twins CPOK-1370.
- 1240 ON CJWA Wawa drops all CBC as part of their license requirement.
- 1310 ON CIWW Ottawa is ex CKOY.
- 1400 BC CPLD Burns Lake moves to 760.
- 1490 AB CBXY Falher 40w.UL still on r-CHFA 690 Edmonton(CBC French).
- 1540 AB CBKD Edson is on ex 1340. (MS-AB)
- 1560 AB CBKD High Level is on ex 1230. Brian Vernon heard it!
- 1600 BC Vancouver area 600w. DL 8am-8pm(see also 530) will carry EXPO 86 info. re parking/camping etc. On by May 1.

The BC Gov't. Highways Dept. is putting TIS(all 1490)at: Carolin, Haig, Hope, Hunter Creek, Kingsvale, Merritt N. & S., & Sowaqua. All are on the new Hope-Merritt hwy. Also one at Swartz Bay Ferry Terminal. Parks Canada is putting two(EE/FF) at #93 & #11 Banff Jasper Hwy. No. freq. Also: CBYK, CFPY, CFPB asked for certain changes, and one AM English application for Moncton, NB.

French AM can now drop from 65% to 55% French music...for 2 years. This is a blow to Frenchlanguage record companies...from Canadian Press.

As mentioned, the CRTC info. of late is not complete. One point is the approval of CPLD for 760. Nothing was ever published re any application.

- 153 UNID weak heard eves and mornings, finally 3/16 2355 sedate mx, then woman with news to 0005 then continued. Too poor to ID lang, did not seem GG and presumed Brasov.
- 162 FRANCE usual powerhouse signal ex 163.84 KHz, second best LW TA strength-wise but first best as to consistency of reception during different cx.
- 171 UNID weak signal, definite carrier with traces of audio, wild guess German?
- 173 UNID French before 2300 then Arabic to 2400 3/16, quite good on peaks, no neighborhood TV's running today. Believe they s/off 2400. Haven't heard them mornings lately, did s once in January. Presumed the Tanger station; no frequency change.
- 177 UNID carrier, trace of audio, way too weak to ID evening 3/16.
- 180 UNID weak carrier, some bits of mx heard poorly 2320 3/16, no idea who.
- 183 UNID strongly presume Europa-1 here now, loudest LW TA here, very clear and consistent many nights, exceptionally good 3/16, full fidelity on 8 KHz BW, running past 2400, FF lang/variety mx pgm. Haven't heard definite ID.
- 191 NOTHING unable to check here due to proximity of beacon TUK-194 but I did establish that no carrier was heard on 188 or 189, just a weak TV sweep harmonic.
- 200 ENGLAND BBC no change; exceptionally clear 3/17 political discussion, detailed mariner's weather, Irish and Scottish weather 0005-0016 then into classical mx.
- 209 MOROCCO peaking up good after 2330, past 2400 traces of second stn underneath. Had a probable on Kiev under them in January and possibly this again tonight. Arabic chanting, several Hertz SAH present (maybe beacon GRM?).
- 218 MONTE CARLO decent but not exceptional signal, think off at 2400.
- 227 POLAND presumed with nondescript mx, some talk, poor/fair with lots of fades, under several zerobeat beacon carriers, 2330 to past 2400 3/16.
- 236 LUXEMBOURG good on peaks, FF talking, 2340 3/16, first log this season.
- 254 ALGERIA strongly presumed with mx, think FF language, only briefly checked, again with moderately bad beacon GRM here.
- 272 CZECHOSLOVAKIA the big surprise here for a brand new log (first audio ever on this freq) presumed Czechoslovakia, segued sedate mx, up good 2320 3/16 then totally out, back in poor 2340 and held thru to 2359:50 when mx stopped, believe no pips but an IS (from mx synthesizer) a couple of times then news by woman, by then too poor to definitely ID language. Lost after that. GRM from beacon ZV Sept-11es 273. Have on tape.

And now..... yes it is..... you guessed it..... the medium wave section....

- 1035 PORTUGAL Lisbon 0332-0406 3/19 the only TA audible that night, good on peaks but cyclical fades. Had PP talk and US r&r mx to 0400. Then had ersatz GG ID "unt hier ist der news", pips, "Radio Comercial" jingle and nx in PP. Jazz mx and ID 0405. (Rugg)

Special bonus IDXID veries section....

- 1314 NORWAY Kvitsoy veried 1/13 report in 3 weeks w/R. Norway v/q. (Rugg)
- 1610 ANGUILLA Caribbean Beacon veried 1/13 report in 2 months w/ v/q signed by Gareth Hodge, Manager. (Rugg)

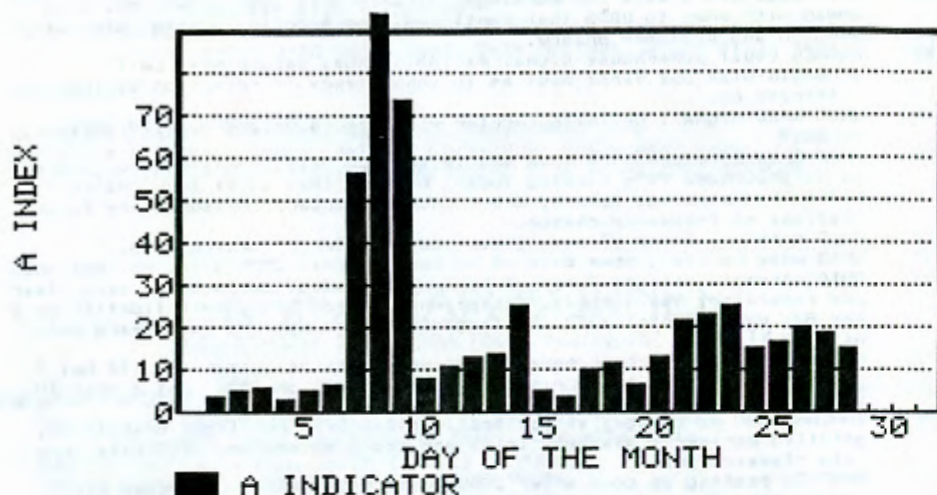
And yet another IDXID feature.....the important "Reporter ID" section

- Bob Foxworth-Mt. Sinai, NY SP600, Hagan loop, LW/tuner
- Andy Rugg-Nun's Island, Quebec R390A, LW

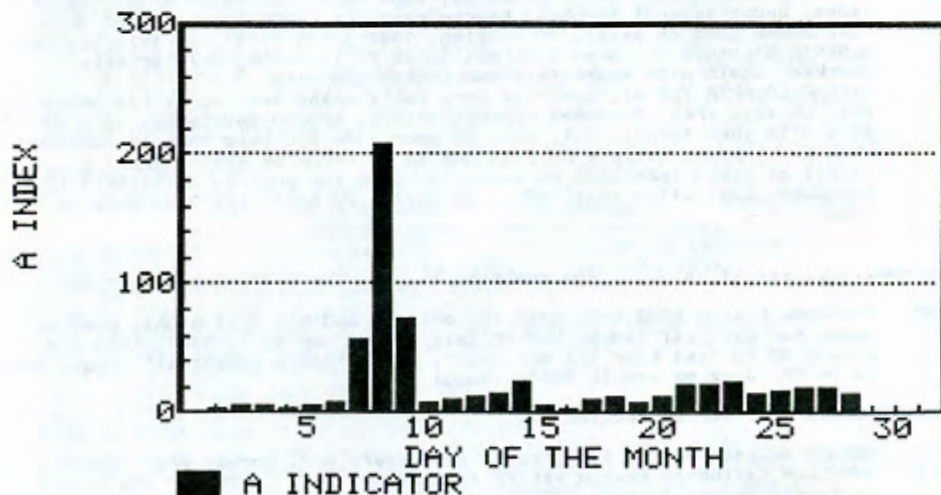
Russ Edmunds, 753 Valley Road, Blue Bell, PA 19422

Below are two charts of the same month, so don't get confused, hi. We are showing two different views of the spectacular "208" reading of Feb. 8th.

Afr GRAPH/FEBRUARY 1986



Afr GRAPH/FEBRUARY 1986



This graph shows the daily variations in Afr, the Fredericksburg (VA) index of geomagnetic activity in the earth's magnetic field. High values (above 20) indicate that medium wave signals in upper latitude paths will likely be absorbed, thus resulting in "auroral conditions", with signals from the South and from local stations predominating due to this absorption of the more northerly signals. Low values over a period of time indicate a likelihood of more receptions of the higher-latitude paths --- more, and more northerly TA's and TP's. Several days of low values following higher ones are needed for conditions to return to "normal", due to residual absorption. Long periods of extremely low values (6 or less) are necessary to raise the possibility of good high-latitude conditions throughout the entire MW band, although this is not the only requirement. For additional information on the use of the Afr and related indices as a DX tool, consult the NRC Reprints List for relevant articles. (The Reprint List can be obtained from the NRC Publication Center, whose address is located on the back cover). ---RJ

Russ Edmunds, 753 Valley Road, Blue Bell, PA 19422

Items for sale, trade, wanted, etc.

Hello again, and welcome to what appears to be the largest edition of DXChange in my memory. Without further ado, let's go:

FOR SALE - RECEIVERS

DRAKE SFR-4, w/ noise blanker, extra crystals (tropical bands), unmodified, w/ dust cover. Needs a good cleaning. \$150. (Alan Merriman, P.O. Box 66, Annandale, VA 22003; 703-354-2135)

ICOM R70 rx w/ FL 44A crystal filter. \$490. (James G. Herkimer, 3255 South Dr., Caledonia, NY 14423; 716-538-4868)

PANASONIC RF-2200 portable rx. AM/FM/SW. Fair ex, \$30 plus UPS. (Steve Kennedy, P.O. Box 402, Waverly, TN 37185-0402; 615-296-1897 (10am-5pm CST); 615-296-2456 6pm - mdt CST)

KENWOOD R-1000 rx, good ex, stock filters, jack for loop antenna added. \$200 plus UPS shipping. (Kennedy)

YAESU FRG-7 w/ 2.1 kHz Collins mech. filter, switchable AGC, switchable antenna inputs, VLF converter, and 3-digit frequency readout. \$350 incl. shipping. (Warren Greenberg, 145 Cottage Rd., W. Roxbury, MA 02132)

COLLINS R-390A, checked and fully aligned. \$350. (Paul V. Zecchino, 35 East Pond Rd., Narragansett, RI 02882; 401-783-7106)

COLLINS R-390, checked, fully aligned. \$325. (Zecchino)

SONY ICF2010, four months old. \$210. (Tim Hendel, 850 So. Miami Ave., Apt. 314, Miami, FL 33130)

MCKAY-DYMEK DR33C rx w/ MCKAY-DYMEK DA-5 and DA-9 loop antennas. Excellent AM DX receiver. Sold new for \$2100. Asking \$650. Mint ex. (Ed Best, 2826 Stuart Dr., Durham, NC 27707; 919-489-2164)

FOR SALE - ANTENNAS

RADIO WEST MW-1 Ferrite antenna, 15" model includes extra coils for LW and SW (1.8 - 5.0 MHz). Variable tuning capacitor needs replacement, but is complete and will work after repair. As is, \$15 plus UPS (Kennedy)

SANSERINO 2 foot amplified box loop. \$75. (Herkimer)

FOR SALE - HAM GEAR

HEATHKIT HM-102 Power Meter \$20; Heathkit HM-15 SWR meter, \$10. (Merriman)

HEATHKIT DX-20 Transmitter; \$25. (Greenberg)

FOR SALE - ACCESSORIES

AUDIO FILTERS: DATONG FL-1 w/ automatic notch, \$75; MFJ-752 Signal Enhancer w/AC adaptor, \$30; KROHN-HITE Model 310-a Bandpass filter w/manual \$50; ELECTRONIC RESEARCH CORP. OF VA SL-55, \$20; AUTEK Q-BOX \$6; MFJ SEP2 AM/SSB Filter \$8; MFJ CWF2 CW filter \$8. (Merriman)

ANTENNA TUNERS: SHORTWAVE HORIZONS RX/ANTENNA INTERFACE, Model 1, \$25; RAK Antenna Tuner Listener 99, SW, 1.6 - 30 MHz., \$25 (Merriman)

FREQUENCY STANDARDS: LAB-1 Frequency Marker, outputs at 5/10/25/50/100 kHz., \$15.; PS-200C Frequency Standard, \$15; EC-221 Frequency Meter w/ built-in AC supply, calibration book, has a broken switch, \$30. (Merriman)

NUMECHRON TYMETER 24 hour mechanical clock \$10. (Merriman)

ABA CW/RTTY Reader. Will display up to 32 letters of copy. Used very little, exc. shape. Incl. PS, Table stand, patch cords & manual, also "RTTY Frequency Guide" and "Confidential Frequency List" all for \$140 plus UPS (Kennedy)

ERC SL-56 SSB/RTTY/CW AUDIO FILTER. Self-contained, plugs into headset or spkr jack. Helps remove heterodynes with notch filter; has audio peak control 200-3000Hz. In gd ex. \$20 plus UPS. (Kennedy)

SP-190 SPEAKER FOR ALLIED SX-190 rx. Fair ex. \$5 plus UPS. (Kennedy)

SANYO BATTERY CASSETTE RECORDER. Good spare BX taper. Good ex. \$10 plus UPS (Kennedy)

SPEAKER for NATIONAL rxes. Exc. audio quality. Good ex. \$10 plus UPS (Kennedy)

RME DB20 PRESELECTOR, tunes 550kHz to 30MHz. Adds great sensitivity and improves selectivity of any older tube general coverage rx. In original condition, black crinkle finish cabinet. Fully operational. \$50 plus UPS (Dick Truax, 3003 Gleason La., Louisville, KY 40299; 502-491-2871 nites or weekends)

PALOMAR LONGWAVE CONVERTER. Allows one to tune in on the 10-550kHz spectrum on any rx capable of tuning 4.0 - 4.55 MHz. As new. \$50 plus UPS. (Truax)

FOR SALE - PARTS

R-390A POWER SUPPLY - \$25; R-390A Audio deck, \$25; R-390A IF Deck - \$120 Many other R-390/R-390a/R-388 parts, tubes, and subchassis to sell, call or write for list. (Zecchino)

R-390/R-390a/R-388 "parts-only" sets; junkers with many good salvagable parts. Call or write with needs/wants (Zecchino)

COLLINS MECHANICAL FILTER - 2.9 kHz @ 6db. Part # 455FD29; \$25. (Greenberg)

FOR SALE - MISCELLANEOUS

HEATHKIT AA-18 Mono Audio Amp. Doesn't work. \$10; TEN-TEC S-30 Audio AGC system, \$25; B & W MODEL 371-1 Wide Range RF Attenuator, 50 ohm, 0-61 db in 1 db steps, \$30; (Merriman)

PANASONIC CR-B1717EU AM/FM/Stereo/23 channel CB in dash auto radio, brand new, never used, \$65; ANTENNA SPECIALISTS Combo AM/FM/CB Auto antenna, never used, \$17. (Merriman)

TABLE TOP RACK CABINET, takes 19" panel, 10.5" high and will accept chassis up to 12" deep. Black finish, good shape. \$5 plus UPS (Kennedy)

MAGNETIC TAPE for reel-to-reel recorders. BASF, Scotch and Ampex, most contain DX-related material, but can still be used. FREE if you pay shipping. (Kennedy)

TOWER LIGHTS /ACCESSORIES: 24) 620-watt Tower Beacon Lights, never used, \$10 each; 24) 100-watt Tower side light bulbs, \$2.50 each; CROUSE-HINDS HAZARD LIGHT assemblies, \$15 each; Color screens (red glass domes) for 620-watt bulbs \$25 each. all postpaid. (William D. Swiger, Rt.1, Box 142-A, Bridgeport, WV 26330; 304-842-4635 evenings and weekends)

FOR SALE - PUBLICATIONS

DX NEWS, Vols. 45,46,47,48,49,50 (1977-83). \$4 per volume plus shipping. (Sid Steele, 2408 4th St., Charleston, IL 61920)

RADEX magazines: 25 to 30 individual issues at \$4 each. Will discount in quantity sales. Shipping included. (Steele)

DX NEWS, Vols. 43 thru 51 (10/75 thru 10/83). Complete, FREE if you pay shipping. (Kennedy)

FRENIX, NASWA Magazine; 1/73 thru 12/83 complete. Free for postage (Kennedy)

REVIEW OF INTERNATIONAL BROADCASTING, #7 thru #100 (10/77 thru 9/85) complete, Free for shipping costs. (Kennedy)

WRTVH 1975,76,81,82,83,84 all in exc ex, \$8 each (Merriman)

NRC LOG, VOLUME 1; mint, just as Callarman cranked it off the misco. May be the only one like it left. \$20 incl. 1st class postage. (Merriman)

DX MONITOR 9/79-2/85, missing a couple of issues, Int'l DX'ers Club of San Diego issues 45-67 (total 23); SPEEDX 7/76 to 6/80 (48); FRENIX 4/77 to 10/80 (43), a total of 296 bulletins, will not split up, \$20 plus shipping (Merriman)

MAGAZINES, total of 355, will not split: 143 QST, 64 Popular Electronics, 28) 73 Magazine, 60 Ham Radio, 61 CQ. Mostly from 1974 on, but a few CQ from the 60's. \$40 plus shipping. (Merriman)

Misc Publications: IRCA ALMANAC 1979 & 1983; Vane Jones Log #12-13-14; DX'ing According to NASWA 1975; SPEEDX Utility Guide 1977; NRC LOG 5th edition, mint, no updates; Ham Notebook # 1 & 2 (by Ham Radio Magazine); Verification Techniques by Sam Barto; IRCA Foreign Logs # 3 thru 9; The Beacon Guide 1980; all for \$25 plus shipping. total of 19 books. (Merriman)

RADIO AMATEURS HANDBOOK 1963, 1968, 1971, 1977; Radio Amateur Callbooks, US & Foreign, 1979, 1980, 1982. Make Offer. (Merriman)

WANTED - HAM GEAR

HEATH HW-8 QRP Transceiver ; JOHNSON Matchbox Tuner; TRANSMATCH TUNER as described in 1985 ARRL Handbook; SFC Transmatch. Will trade. (Kennedy)

WANTED - ANTENNAS

SMALL BOX LOOP antenna -- 5M1, 5M2, etc. Can afford about \$50, but perhaps we can trade. (Dave Hascall, 211 N. Merrill, Fortville, IN 46040; 317-485-6224)

WANTED - RECEIVERS

RADIO SHACK TIME-CUBE WWV H58 for WWV frequencies. Good to exc. ex. (Dan Bartek, Jr., 421 W. 6th St., Wahoo, NE 68066)

WANTED - MISCELLANEOUS

Two KOMA 1520 T shirts, large. Has a steer logo with a bandanna around its neck. In exc. ex. (Bartek) ** That's VERY Miscellaneous - ed.

CV979A/URR CABINET for R-390A rx. (Truax) ** Are you listening, Paul Z.??-ed

DX FLYELICATIONS - all kinds. Please send titles, prices, estimated postage charges. If you have any to give away, send list also, I'll pay postage. (Hascall) *** Mr. Hascall, meet Mr. Steele, Mr. Kennedy, and Mr. Merriman in the Publications section above - ed.

OTHERNESS

STEVE BOHAC, please contact ALAN MERRIMAN, address/phone above re receiver work, ok? (I can't find Steve's address, hi - ed).

Now, for a few parting shots from the editor: 1) Don't be afraid to make lesser offers if you aren't quite happy with the advertised prices. Many times folks get anxious to sell! 2) Please don't make collect calls for stuff in this column unless the advertiser so specifies!! 3) Thanks for all of the support for the column. My apologies again for its lateness, which is due to its size as well as a very heavy travel schedule for the 1st quarter, which is thankfully not to be repeated in the 2nd qtr.

73's de Rje *RJE*

From PAGE 8

No "cure-all"
McKinney cautioned that the AM improvement campaign will not be a cure-all for struggling AM operations. "AM broadcasters may still fail, even with AM improvement," he said. "The marketplace is what's important."
The FCC's duty now, he said, is to determine whether there are existing rules preventing AM band success. "Some of you (in the audience) may fail, regardless of the AM improvement measures that will be approved."
He added that even with added sunrise and postsunset authorities, and with increased nighttime operations on

foreign clears, many daytimers will still remain daytimers. "We can't make all daytimers 5 kW regionals."
Many daytimers operating on Mexican clear channels are still waiting for their nighttime power level authorizations from the Commission. However, those cannot be mailed until the final draft of a broadcasting agreement with Mexico is signed, McKinney said.
He added that progress "looks very good," but would not reveal a date for the signing. He said talks are still being held between the Mexican government and Mexican communications authority.
Though he did not want to reveal the target date in an effort to avoid creating false hopes, he assured those present that

"It is close to signature."
A preliminary agreement was signed with Mexico last summer, but the final agreement was delayed when many of the offices of Mexico's communications authority were destroyed in the September earthquake.
Program duplication
One problem that will be encountered in the issue of AM improvement is disagreement among broadcasters on some issues, McKinney said. For example, he said there are strong opinions, both pro and con, regarding a relaxation of AM-FM program duplication rules.

The opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the Editors, Publishers, or the National Radio Club, Inc., or its subsidiaries.
Times are local per Muse.

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We've received a nice selection of Musings from members who've not joined us in some time ... welcome back, all! Our next issue deadline (April 18) will be for the issue highlighting suggestions for snagging summertime DX ... #27 (May 23) will feature non-North America DX'ers ... and #28 (June 27) will include your commentary on computers and DX'ing. Our current theme concerns local stations most needing to change format ... and so let's get on with it!

#### \*What Happened? The Solar Weekend!\*

John R. Malicky - 995 Shadycrest Rd. - Pittsburgh, PA 15216-3023

From Saturday evening February 8 to Monday morning the 10th and slightly beyond, Rod Serling came back and adjusted our receivers to focus on that other dimension, the Twilight Zone! Didn't it seem that way? What strange occurrences, and I thought it was only me! On Saturday, I didn't even realize it but I knew something was amiss when never-heard-before WKVL-1550 Clarksville, TN began my journey into that zone at 8:24 pm EST booming in with a college basketball game as CBE was completely absent! Up to 1560 to find a surprisingly good signal at times at 8:59 pm, WSDL-Slidell, LA with a weather brief, ID, and "Recitation of the Rosary" soon fading to WQXR. Most eastern clears along with Chicago and the Midwest were weak or gone as the Cuban on 710 was doing a number on WOR! At 9:06 pm WEAM-1580 Columbus, GA was in well o/CEJ out of NBC nx, then back to 1560 at 9:38 pm as an unidentified was over WQXR with ID's "KC-101" and country nx (all of these also mentioned in DDXD issue 21), and just before 10 pm, WDAT-1380 Ormond Beach, FL up briefly with anID. On Sunday morning KYST Texas City, TX was ripping 920 apart (also on Tuesday morning) after midnight with a Spanish-English DJ and nx, missing announcements. Counterpart KPCC-950 Houston ruined what would have been a perfect report with non-stop Talknet from 8 pm Saturday night just into Sunday with barely 2 local breaks at :29 and :59, yuk! Before 2 am fading past 3 pm, WKCN-910 all of 500 watts, North Charleston, SC broke into a local ad and ID at 3:06 am then back into, you guessed it, Talknet. However, the catch and hopefully the verie of the year came on Monday morning. With Rod looking over my shoulder, a weak WDCI-1310 test appeared (thanx, Dave!) but no sign of KURL-730 test. Then as fate, luck, and whatever else you can call it, took over, I tuned to check KURL at 3:09 am, but INSTEAD, an accented English announcer appeared just in the null of Mexico. As I flipped the "Supe" radio, an ad for a bank finished, then the announcer turned over the broadcast to a reporter giving details about some sort of parade with costumes in the street of his country - Trinidad!!! (I scheduled a parade in downtown Pgh Tuesday; it was great - hi!) The reporter gave details with fades for 10 minutes as R. Trinidad gradually faded, never to return. So far, WSOL just signed my report, but WKCN was amazed! KYST came back with a wrong address, WKVL no answer, KPCC debatable to send, and Trinidad waited 2 weeks then sent, others not written. On that Saturday night, I just caught network nx mentioning shortwave transmissions would suffer and stations would be off, I didn't think possible. This past Wednesday (last week of February) locally-produced "Planet Earth" for public TV in the last episode at the end explained aurora borealis, the solar winds/flares; proton bombardment by the sun, etc. Did anyone catch it? ... Briefly to the theme of locally changing formats (see my Pgh ratings column in #21, p. 22), with the continuing decline of AM to FM, KDRA could up tempo its music a bit; most of their MCR is bland. WTAE is on somewhat shaky grounds (but with a strong sports-talk specialty). Of country music, WIXZ-1360 McKeesport, PA 5/1 kw doesn't even register in the ARB and suffers on their night pattern here; WEEP, though up in the ARB doesn't simulcast with sister FM WDSY and apparently failing to make their move to 1070; and WASP in Brownsville, PA 5000 D3 actually moved into 20th place! My guess would be WIXZ because it doesn't seem anyone listens. On Sunday nights from 6-12, they have an oldies show, so? However, they've been country since before 1974. Of the 5 religious stations (WARO, WPIT AM-FM, WJLY, WPLW) none rate in the top 20, but that's understandable since Tony Fitzherbert mentioned that only 2% of the population listen. 73's.

James J. Nahiriak - 20907 Behrendt - Warren, MI 48091-2726

Hi! I've been a member of the NRC for 6 months (DX'ed for years) - this is my first Muse. (And welcome to the fold, James! -pls) A good topic to start with is "The local station which needs to change format." I'll nominate two here in metro Detroit, both for the same reason. WNIC-1310 and WCZY-1500 both simulcast with their FM's to the limit (morning and afternoon drive), and run similar but separate programming at other times. Since dropping religious programming on the former WLQV, WCZY has gone off the air from midnight to 5 am to cut costs. WNIC no longer has a live voice on the air middays from 10 am to 3 pm; instead, it uses taped announcements by the FM disc jockey and, according to the Detroit News, is operated at those hours by unpaid broadcasting school students. Broadcasters say they lose money operating a separate format; that they can save money by sharing promotional, sales, and some talent costs; and that they want to provide their "quality" FM programming to the people who don't have an FM radio in their car. These simulcast AM's end up with low ratings, and really are no great asset to the FM; however,

they are kept for one reason: the chance that AM stations will again become popular (and valuable). In the meantime, they are operated as cheaply as possible. These good signals are wasted, while broadcasters interested in providing original programming are stuck with poor facilities or none at all. If simulcasts in major markets were eliminated, broadcasters would either program something different from their FM's, or sell to someone who would. Tiny WCHB-1440 Inkster, MI tried to improve their weak signal by applying for a power increase and a move to 1200, but the frequency went to a station in Indiana. WCHB would certainly like to have the facilities of WNIC or WCZY. Even with their present poor signal, they captured 1.3% of listeners in last fall's Arbitrons (better than WNIC or WCZY) with their unique mixture of music and information for metro Detroit Black listeners, including some really great Gospel music. WBRB-1430 Mt. Clemens tried to get the 1160 frequency that went to WFEN. WPCN-1460 Pontiac was purchased a few years ago by ethnic program hosts after they were kicked off the former WZK-1400. WPCN's 1000 watts barely reach ethnic listeners in Detroit during the day - their night pattern sends almost no signal south (they run no ethnic programs at night). WCAR-1090 and daytime WIND-560 could also use better facilities. Instead, two good ones are being wasted by companies holding onto them for possible future use. (What would YOU do with 50,000 watts in Detroit?)

Paul Swearingen - Canoga Park, CA

The informational AM'ers - KABC, KNX, KPWB, plus MOYL'er KPCC seem to do the best in the ARB's in this town. We've lost a number of the rockers in IA, as each "rock" station seems to have settled into its particular niche, from B/SOL of KPWR-105.9 to old rock KRTI-930 to hard rock KLOS-95.5 to soft rock KBST-97.1 and KOST-103.5. I still say that LA lacks a decent MOR station, in spite of two elevator mx stns, KJOT and KBIG, light rock on 100.3, and everything from quizzes to oldies on KFI-640. So I nominate KFI, the clear channel powerhouse, as the one station which most needs to change format, and I further suggest that it choose an up tempo MOR format, with a mixture of the old and new, more information, no game shows, and an overall approach similar to which KOMO-1000 in Seattle has found successful. I've discovered that KFI's sound in stereo is much more clear than in ordinary mono, and it's about time their programming matched their engineering. 73.

Donald S. Voorhies - RD 3 Box 97 - Oswego, NY 13126

It's been some time since I last submitted a Muse so here goes. Last year I logged 75 stations to bring my Oswego log up to 1167. I rejoined the DX fraternity in 1981 after a lapse of over 40 years. Of my 75 catches, 9 were from Kentucky and 4 from Colombia, but the furthest were the easiest TA's - Algeria-891 and Vatican Radio-1530. So far in 1986 I have added 28 to my log, including two long-sought N. E. stations, WBSR-1420 and WLOB-1310. However, WSMN-1590 still eludes me. Had a fortunate break on 1-26 as local WSGO-1440 failed to sign on until 0740 due to transmitter problems and I had a field day logging 7 stations, 3 of them new - namely WBIS, WNYG, and WBLA. Was especially happy to get WNYG because as a former Long Islander am trying to log all the stations there - still need WRHD-1570 and WING-1600. One 1-29 was surprised to hear WPSG-1560 way over WQXR. It was interesting trying to DX during that magnetic storm in February. The Chicago clear channel stations were non-existent, and the GY locals came in like 50 kw stations. One exception, on 1340 nearby WBSO was completely obliterated by WLWL, which I hardly ever hear. I did manage some DX during this period - on 2-9 KJLO-1330 was all alone at 0651. 2-10 brought in a trio of Colombians, HJAT-1100, HJKH-770, and HJDO-910 plus XET-990 and a Cuban on 1110. To cap it off that night WCMC-1230 broke thru with an ID. Also on 2-10 I picked up a TT at 0215 with a mention of 5000 watts but missed the call. As to the NRC tests, I failed to hear WIFX-1000 on 2-11, but I picked up WVV-1570 on 2-17 way on top. One of my hardest frequencies to crack is 620 where WHEN rules supreme and evidently aims its signal at my shack. They feature ROK and I'd like their format changed to slumber music, or better still off one night a week. However, on 3-6 I picked up a signal w/WHEN and after an hour got a WTMJ-ID. Guess that brings me up to date for now.

#### \*Locals (and clears) that most need to change\*

Eric Buenemann - 836 Lamplight Lane - Hazelwood, MO 63042-3407 (314) 895-1436 pdd

What does Arbitron care? I hope it arrives in time for this special column. There are many voids to fill in St. Louis and certainly on the 50 kw clears). WIL-1430, losing money (and its csw format satellite-fed), should be an Ad Con station under E2 Communications' (KYKY-98.1) ownership. A call letter change to KYKY should also be considered. Since KUSA-550 is beating WIL-1430 at their game, why not sell the AM and buy WBN-770? KSIV-1320, the self-proclaimed Christian Family radio, should buy out KKEN-1010 and go full-time on 1010 with 10000/5000 U2, while selling 1320 to a North St. Louis county operator, return to original calls KQJW, licensed to Hazelwood with a CHR format, 5000/2500 U2. KIRL-1460, the former CHR and csw outlet, now GOS, should sell to KLTH-97.1, change to an MOR format, calls to KLTH, with a 100% simulcast. KGLD-1380, with its Oldies format that failed on KYOK-630, KADI (now KSIV)-1320, and KSD (now KUSA)-550, should switch to an all-news format, either return to old calls KWK or change calls to KCNN, take two networks and carry Ray Briem at night, with a nighttime power MFL format, but simulcast it on

KEZK-102.5, which should change to WRTH-FM. Another call change should materialize: KUSA-550 returning to KSD. Katabianmania hits home! (hopefully) If you think St. Louis isn't enough, what about the 50 kW clears? As I have advocated in the past, WLAC-1510 should go to a CHR format because of competition from REL outlets WJQM-1300, WNAH-1360, WQWZ-1560, and WNAZ-FM. WCFL-1000 should take NBC Talknet and ABC TalkRadio and let WMAQ and WLS keep their respective formats, and return WCFL to the Larry King fold. It also should be owned by WCRG-FM. RAAY-1090 should be an urban Contemporary outlet, dropping REL. Should these materialize? Can it happen? You GM's decide. Get a better rating! Good luck!

**Christopher Baskind** - 1703 Oak Grove Road #13 - Hattiesburg, MS 39401

It's obviously been a long time since I've done any serious DX'ing; in the interim I've grown a beard, my 19-month-old son has started talking, I got my ham ticket (and upgraded once), and put a new radio station on the air. I left WRNZ in mid December to become manager at WFEM (Gold Country/FM-106.3). This is the first time I've been involved in a ground-up operation... we started with a truck full of equipment and a muddy pasture. It took us six weeks to get on with only the station owner, a part-time engineer, myself, and every family member we could coax into hammering sheetrock working full tilt into the wee hours of the morning. My brother, Peter, joined us as Operations Manager the day after Christmas. Anyway, we're on the air and doing rather well so far. Things are starting to settle into place and I might even be able to turn the rig on some time soon. One of the nice things about working here is that I have access to a huge cleared field in which to string beverages. It's about two miles long and a half-mile deep, with absolutely rotten soil conductivity, to boot. What fun. /// My current ham call is KA5YFE, though I'm expecting new calls shortly. If anyone would like to set up a sked, please drop me a card and I'd be delighted. I can sometimes be found in the 80/40m Novice segments... give me a holler. /// Glad so many WSJC CPC test reports made their way to the pages of DDxD. The CE, Walter Hearn, was pleased with the response and commented on the quality of the letters he received. Nice job, guys. Walter was particularly happy to get his first TP report from Dr. Wood. He's going to get me a list of those hearing the test to me sometime soon. /// Congrats to Gerry Thomas on his tidy little Phase One article. Delay-line phasing looks like a far better idea than winding all those odd transformers. A really elegant offering, Gerry. /// Local radio changes: WLAU-Laurel (1430) and WKOU-Hattiesburg (1310) are now dark. Don't look for either to return any time soon. WAML-Laurel (1340) drops AC for automated nostalgia. WNSY-Hattiesburg (1230) has sprouted a new dish. The station says it's for sports, but don't believe it. Will let you know what sat net they go with after it happens. WIGG-Wiggins (1420) is now using the worst identifier I have ever heard: "The New Country 20". Really! I understand WAIZ-Gulfport (1130) has dropped country for AC and new calls WQFX-AM. Finally, without mentioning call letters, two fairly high-powered south MS AM's are in serious financial trouble. One is stereo. It's over here. Also over is this Muse. Best to all.

**Steve Francis** - 1620 Lodge Street - Alcoa, TN 37701

42 newies were heard in 1985, bringing the total to 2,631. WZZX-780 AL (ex-1540) good at 6 pm s/off 1-7. The month's only newie came on MM 1-20: WCCS-1160 PA, fair in KSL null with legal ID at 3:00 during a timely pause in WJJD's loud ET/TP. I've been hearing tantalizing bits of Star Station stuff way under WJJD/KSL/WAMB since last summer but couldn't get an ID before now. I heard eleven stations from Chicago back in 1970-72; number twelve finally got heard MM 2-3: WJPC-950, fair w/WQBE/WKJ with Black/Urban and legal ID at 3:00. WSPA's MM SP really helps DX on 950 here. Still unheard from the Windy City are two of the three on 1240, WCRW and WSBC. Big aurora noted MM 2-10. I've seen few that blotted out the North more severely; however, propagation conditions to the South were mediocre during the period, so that many frequencies were blank or just had the usual Cubans on them. TIRAS, last heard on 650 years ago, was alone that MM on 670 with "Monumental" ID's; seems all news. They were alone on 670 for the next few AM's, not even a peep out of WNAQ the whole time. KLAT-1010 Houston was poor/fair in Cuban null with ranchera music, "La Tremenda" ID's, and an accented legal ID in English by a woman at 3:00. KIRA is "aurora-proof" but were off for their MM SP; XEHL, formerly strong on MM during auroral periods, has moved to 990 per Dr. Wood. 2-12 brought HIN-1220 Santo Domingo, strong for a few minutes around 6:30 pm with full ID (including call), Cuban strangely absent. KIVY-1290 TX nearly alone tracking a Kitty Wells album until their 7:15 s/off, big surprise. 2-18 and 17 was a big night on 1570, beginning with WKBH-WI, fair on PSSA from 7:01-7:04 pm with s/off followed by "Supertime". Then on MM 2-17, the WVN-WV DX test was in okay with TP, Christmas mx, and many ID's by woman; thanks, Bob Eddie! 2-27: The new WPEH-1160 MI briefly topping WJJD 1:05 am with CNN news and into local news; AC oldies format with soft-spoken youth announcer noted w/o WJJD for the next hour. MM 3-3 brought a puzzler at 5:05 w/CHLO. A country record followed by promo for Jerry Lee Lewis concert; mentioned Ticketron outlets in Riverside, Westminster, and Ontario. I didn't budge from the channel until the daytimers came on at 6, but it never returned. Does KWAY have a country FM affiliate? (Yes, KWDJ-92.7, all automated. I've visited the studios. KWAY was REL the last time I listened -pls) Maybe an ET with the FM's audio? Wish I knew Jerry Lee Lewis's

booking agent, hi. 3-8: The new WDFB-1170 KY fiar with tail end of s/off 6:45 pm for KY #120 heard. 3-11: WQWV-1340 NC with legal ID 3:00 am in battery null of local WRGN; sounded Black/Urban. WMSK-1120 is now 10 kW per s/off. See ya!

**Gary M. Atkins** - Rt. 9, Box 115 - Macon, GA 31211

This Musing is becoming a habit. It was nice to see a Musing from Dan Phillips in #22. Dan introduced me to loop antennas back in 1971 when he was going to school in Louisville. Even though I had been DX'ing for ten years I had never seen one up to that time. He loaned me an old box loop that he had and a whole new world of DX'ing was opened for me. This prompted me to purchase a Space Magnet which I used until former NRC'er Jim Nail constructed a spiral loop for me. I used the spiral loop until I purchased a Radio West Loop. So now I've gone full circle. The move into a mobile home has necessitated the switch back to long wires for the first time in 15 years. In case some of you haven't noticed, the Ft. Worth station on 1540 is no longer SS. I had been trying to get an ID from them for months and on 3-12 I heard them in EE ID'ing as the new "Faith-1540". Don't know if the call letters have changed, as I didn't hear them. Only heard them ID as Faith 1540-Ft. Worth-Dallas. As the slogan implies, the format is REL. Heard them at 0825. In January I started taking the time to log the many Cubans audible here and now have a total of 41. Among other loggings since last Musing are: Jamaicans on 700, 720, and 750; Deutsche Welle relay-Cyclops, Malta-1557 in Arabic at 0040-0050 s/off on 2-19; WRDJ-1560 at 9:30 am; WJOR-1040 at 9:20 am; KIKK-650 at 8:05 am; WEAH-800 at 8:35 am; WMSW-790 at 7:50 am; XETQ-850 at 8:05 am at which time Radio Belize-830 was still dominating their frequency; RTUN-1180 at 8:40 am; WARB-730 at 6:54 pm; WABL-1570 s/off at 7:15; WBAL-1090 at 6:30 am; WAGE-1200 at 7:20 am, a surprise as on the two previous mornings I had tentatively heard WBECE-KY and was trying to get an ID from them; WRUS-610 at 7:45 am; WLK-590 at 7:25 am; WAYR-550 at 7 am, and WKIQ-1560 s/off at 6:45 pm. For the sake of Don Kaskey's unreported stations list I'll throw in one from 1-10-86, WALD-1080 at 8:45 am. Now have 508 stations in the log so I now have a pretty good idea of what is normal and what isn't from this location. 73 till next time.

\*Ron Schatz on WRTH Team\*

**Ronald F. Schatz** - 250 West Sample Road - Pompano Beach, FL 33064

I seem to have broken a personal record by not Musing in over a year. Still busy with a lot of non-DX stuff, but I've moved up in the DX world now as a co-editor of the DX'er's bible, the World Radio TV Handbook (Does that make me a prophet or a judge? Hi.) (Perhaps a creator of epistles, hi? -pls) Getting around a bit: EDXC in Madrid and ANARC in Milwaukee last year; doing Paris and Montreal in '86. Also Lisbon, Buenos Aires, Montevideo, Rio, São Paulo, Manaus, anywhere but Cuba! Still cooperating with Washington on the Cuban-interference mess: State Dept. is still trying every legal recourse (ITU, etc.) before it gives up and gets rough with Fidel. New Radio Mambi (WAQI) now on new 7-tower array to counter Reblde; they also moved from the old WMSW-790 studios to new ones at 2960 Coral Way in Miami 33145. WAQI has completely taken over WQBA's former position as Miami's No. 1 anti-Castro station. Broward now has two Colombia-formatted SS: WAVS-1170 and WLQY-1320. Haitian Creole all over the dial, especially on weekends, but there are still no Creole stations "per se" (WKVH would be a nice call for one). JBCL on 850 at 10 kW from Old Harbour, near Kingston - new. César Objío doing well working for Dominicana airlines; stops by to visit on occasion. Surrounded by computers, but only the C-64 is on line at the moment. ANARC BBS very professionally done and recommend getting on line with it for the experience. Unfortunately it's strictly SW-oriented. Writing a future NRC CBB as time permits and hope to have it on line MM's by this summer. Cuba list now available exclusively through WRTH and NL updates, this mainly thanks to Copyright violators, sorry. New W. CQ-1200 in "S. W. Florida" audible days. Breaking down the clears - DX will never be the same! Read my "exclusive report" on Cuba matters in the WRTH newsletter, out this May. Modem users: Beware the 7-byte satellite delay when using CIRL-S when downloading; Mike and I learned about this the hard way. yes, Radio Martí has a technical secret; it's still in the "CENSORED". No, I didn't say anything, hi. Compensation program for Florida stations suffering from Cuban interference was a waste of time; as it looks now, they'll never get any money from Congress and will be damned if they try. Broadcasters all but sabotaged any chance to solve the Cuban-interference problem, and they deserve the consequences; one might say that Edwin Armstrong (inventor of FM) has been revenged at last. 73 de RFS.

**John Tudenham, WJRP** - 2824 Missouri - Joplin, MO 64801

Not much BCB DX'ing lately. Been spending a lot of time on the ham bands instead. As of March 18, AM-1430 in Tulsa has a new call and format. KELI has been sold again and is now KVLV with a format change from news/talk to light rock. New owner also owns KVLV-FM 106.1 with same format. The fall Arbitron in Tulsa shows three AM stations in the top 10. KWOO-1170 is still #1 with 11.6%, KRMG-740 is tied for 2nd with their full-service AdCom format 11.5%. Oldies KGTO-1050 is #9 with a 3.2%. KELI was not rated by Arbitron because of an ad they ran in the Tulsa paper, offering \$14.30 to anyone who would fill out their Arbitron diary as if they listened to KELI 24 hours a day. This

resulted in a lawsuit by Arbitron and probably the main reason they sold the station. They were also sued by KRMG and KGTO/KRAV. I thought most people in the radio business had more sense than that.

**Jerry Starr** - c/o WHOT Radio - 401 N. Blaine - Youngstown, OH 44505

Greetings. Whilst rambling thru the latest FCC Database looking for interesting items I find more stations than I thought still operating with wire antennas. It was previously believed that only WSAJ-1340 and KOTZ-720 were transmitting with the wires but the Database lists "T antennas" at KMG-1230 and KPPC-1240 and an "Inverted L" at KGFJ-1230. Can anybody in those areas confirm this info, please? The antenna at KELO-1460 is listed as a "sectionalized tower with five sections." Anybody know what this is? I've never heard of a sectionalized tower with any more than two sections; there are a dozen or so of these around. The newly-granted move from 1470 to 660 for KAPS Mount Vernon, VA gives the 660 antenna as a "Paran antenna consisting of four towers." I've heard the term "paran" somewhere but can't find anybody who knows what it is. It is evidently non-directional as their 660 CP is for UL. Ideas? Whatever it is, it's unique, the only one listed for any BCB station. DX here is about non-existent due to time limitations and unusually noisy conditions for wintertime, maybe the MWA has struck again? A few veries have trickled in, all v/l: WCHP, WQWV, WVVW-DX, WBDT-DX, WIFX-DX, WFAX, WNV1. 73 and see y'all in Delaware! Good DX. (Jerry, I think the info for KPPC and KGFJ may be out of date, but I haven't had time to check -pls)

**Gary Mitchell** - Box 1003 - Fairfield, CT 06430

I have not been very active of recent the past couple of years with AM BCB listening a lot due to the death of AM radio. I joined NRC only a few years ago and the biggest battle was WABC-770 and WNBC-660 for the #1 New York rocker. Now everything is programmed for over age 50 or so and they all have no ratings except some large city ones or a town with its one and only. Nothing new around here except still await a few cp's to maybe get on the air. WJFX-1450 with a mixture of rock oldies fired up awhile back and I was totally baffled by the extremely potent signal for 1450. Past month or so I noticed it went down some 20db or so. Talked to stn engineer and he said everything was aok so who knows what they fired up with. Hate to mention FM but WERE-107.9 just found a place for a new antenna I myself never thought of nor I don't think anybody. In southern Connecticut it is impossible to find a site for any new BC antenna and for VHF-UHF there are no tall anything but small hills down to sea level. So we have WERE-FM, a rocker with 50 kw with antenna on 500ft electric utility smokestack in Bridgeport, CT harbor. (NOW I know where the term Smokin' Oldies originated, hi! -pls) Ratings of Bridgeport AM'ers? As far as DX is concerned still have terrible problem with the whole band being Spanish and don't understand Spanish. (Ocean to south) Now all the clear channels are graveyard channels. Hate to sound negative. I guess it's just more of a challenge to DX. I do not know if on-off carrier is permitted, but if stations could ID for tests in CW mode amazing. Evm if just using it for audio. The game is separating the audio mess so ... The best bet in my opinion is work on directive antennas for receivers. I am very interested in exchanging circuit designs of all transistor 100mw FM/AM broadcast units or even 49mhz. The FCC seems to be putting out a lot of publicity lately about busting pirates and CB amps, etc. Maybe they got a bigger budget? So as I said 100mw ... totally legal and very interesting little gadgets.

**Ernest Cooper** - 5 Anthony Street - Provincetown, MA 02657 (617) 487-9337

Two more veries, from WIFX-1000 test and WBNW-950, for #4,287. I'd like to wish everyone a Happy Passover and/or Easter, so I will - Happy Passover and/or Easter, everyone! I was disappointed to see that "OM" abbreviation in Nancy's column - we haven't seen that derogatory term in years in DX News. I enjoyed Tony Fitzherbert's profile of WEXL, but one of the most important facets of their history wasn't included. Back in the mid-30's, WEXL operated on the then graveyard frequency of 1310, and were on every morning till 4 am, when they signed off till 8 am, and they were regarded then as a "pest" by eastern and central DX'ers. They were the only fly in the ointment on 1310 in those days, and they ran a big FIFTY watts but were heard all over the eastern half of the country and Canada. They furnished my second of the 4,287 BCB veries with my report of Dec. 28, 1932! My thanks to Jim Wallace for several v/s he so kindly sent me, and also to Hank Holbrook who sent a donation for WQMR's emergency fund - a power surge burnt out our "board" on the last day of 1985 and we're operating with borrowed stuff which really isn't of broadcast quality in the meantime. We'll also install a surge-suppressor before hooking up the new equipment, you may be sure. I've enjoyed recent phone calls from Frank Merrill, Ken Romstadt, Stan Morss, Paul Mount, Dan Bartek, Ray Arruda, and the excitement of a call from Dario Monferini all the way from Milano, Italy! To DX: Wed. 2-19: Unn WSMW-1220 at 5:40 pm with EZL oldies till 6 pm s/off. Fri. 2-21: Finally enough "squeeze" through from WUOO-1270 for a report - they're csw. MM 2-24: Unn WRRR-1580 ID'ing at 1:57 as "Music Radio, WRRR", ET'ing, and the engineer said he was "playing with his knobs". WGY-810 was on OC this AM; nothing unusual there, only ZNS3. WADO-1280 NYC now runs to 2:32 am MM's when they s/off with SSB. Tue. 2-25, a memorable day, marking the END of the AN TT show of CBJ-1580! They

now program the FCC classical music heard also on CJBC-860 and CHEF-540 and CJFP-1400 and probably others. Wed. 2-26: Open carriers noted on 870, 1120, and 1160 at 0200-ish. Thur. 2-27: UnID TT'er on 980 2:43-3:05+, fairly strong: I wonder if this could have been the new WJWJ in Cazenovia, NY, Fred Nordquist? SM 3-2: Loud OC atop 1590 2:20-2:30+. MM 3-3: UnID TT u/CKLX/XERF-1570 1:10-1:16. WINS-1010 off; YSC "R. Internationale" in nicely at 0248. A second report to WORL-1270 this time to the guy WBJW's v/s recommended I try. Forward-March!

### Radio Roundup

**Pete Kemp, KZLZ** - P. O. Box 73 - Bethel, CT 06801

Greetings all ... Joey Reynolds has taken over the afternoon drive slot on WNBC. His sidekick, as seems to be the trend today, will be Janet From Another Planet ... KIST, San Bernardino, has changed format to a Goldies one, in AM stereo ... Dr. Toni Grant has severed her connection with ABC and will commence a call-in show on the Mutual Network beginning April 14. The show will air just prior to Larry King ... J. J. Jackson has left Atlanta's WQXI for the csw world of San Diego's KPON ... Bob Prince will posthumously receive the Ford C. Frick award at Cooperstown, Aug. 3 ... WJYA has changed its calls to WEKS ... KQV in the Steel City has added two new talk shows to their weekend lineup: Pet Talk with Drs. Hansel and Parry and Tax Talk with Barry Gerber and Chuck Potter ... WCOP has welcomed back Paiga Levine as theater critic ... WAYN, the Wayne State University station, is back on the air following a major overhaul of facilities and a year off the air ... Mike Scinto has left WOOL in Columbus for Dayton's WING ... Boston's AM radio stations line up in the following order according to the latest ratings book: WBZ, WHDH, WRKO, WEEI, WBOS, WRSK, and WMEX ... I had an interesting chat with another amateur radio operator the other day. He was wintering in Florida from his home in cold Minneapolis. Our conversation turned to hometown radio stations. He advised me that WGY received its call letters for Doctor George Young, the station's founder and that WOOD stood for the Washburn Crosby Company. It is fun to get these little tidbits of AM trivia ... any NRC'ers who would like to communicate with me via the BES's can reach me on Compuserve 72376.2557 or PLINK Pete-KZLZ. So much for now.

**Frank Wheeler** - 6589 Wattsburg Road - Erie, PA 16509

Surprise! It has been a long time since I sent in a report. WRIE-1330 kc. went bankrupt and left the air Feb. 19. Since then I've been having an exciting time receiving new stations and others I haven't heard for years as WRIE blanketed 1320-1340 kcs. when they were on the air. In the range of 1320-1340 kcs. I received the following new stations: CPGM-1320 ONT, CKDK-1320 ONT, WADJ-1330 PA, Cuba 1330, WATZ-1330 W, WBOB-1330 NY. Others but not new but I hadn't heard since WRIE came on the air years ago: WFIN-1330 OH, WFBC-1330 SC, WZAW-1330 IL, WWHM-1350 NJ. All these stations were received from 1610-1810. This just goes to show that a local station on the air 24 hours hinders a DX'er's chances of receiving new stations on those 24-hour local freqs. I hope to get more before WRIE comes back on. Other new stations received from Feb. 19 through Mar. 10 on other freq. are: WAGE-1200 VA, CPGO-1200 ONT, WGRG-1300, WOKR-1330 PA (this should have been in the upper list), WJES-1190 SC. This has been the best reception of new stations in a long time. My totals are now 2635 rec., 1776 veries. May you and yours have a blessed Easter. (Frank notes that he is using a Hallicrafters S40B and a 174' longwire antenna -pls)

**Roger Winsor** - 302 W. John St. - Champaign, IL 61820-5126

Time for another Muse. Things have been slow here lately as I have had my hours increased at work, thus unable to listen to any of the tests. Unable to stay up to 2 am and function at work. Only new stations received lately are WFEW-1160 while up in Indiana through a nulled WJJD, o/a unk Ralph Emory csw. Any ideas who? WFEW was hrd 7 pm ID l&c. Back on 2-28 WKYR-1570 at 6 pm KY s/off, local WJTX-1580 signed off for 3 days at 6 pm while moving to new studios. The following AM WARR-1520 NC hrd with ET at 0020 ID. While in IN I noticed WJPC-950 with GOS on 3-9 instead of jazz like they used to be, only on Sun., otherwise soul. Also noticed KT-16 KTSS and WBBM both 1580 in w/no Canadian. Wonder what powers. WIVS-850 by the way is quite audible now at 5 kw, both in Champaign and Hobart, is csw. WKVL-1550 is now often o/WOKJ nights - hrd both here + Hobart also. No veries rec'd - report to WMS, KFI, WARR. If this continues I'll verify no more. 3-12. Old friend CJOB-680 hrd at 11:40 w/OB sports. First time heard in about 15 years.

**Alphonse B. Tobia** - 7603 Linden Ct. - Newark, CA 94560

Hello, all. As mentioned in DX News V53, #23 (3-17) on 2-14 we had a bad storm (one of many) with high winds and heavy rains. Well, it did in the famous radio tower on Candlestick Hill in San Francisco. The tower which was KYA's on 1260 and on top KYA-FM came tumbling down, crashing to the ground and shaping itself to the rough terrain it fell on to. This station on 1260 is now KOIT-AM (ex-KOIT, KXLR). KOIT got back on the air with a 200-foot longwire and was able to load the transmitter to 1100 watts (they are normally 5000 day and 1000 nights. Signal here 30 miles south was ok but weaker on this longwire.

Next they got a temporary tower installed (100') and top loaded, with a ground system. They are now on this tower back to full power. KYA-FM had a back-up antenna on a telephone pole at this location so they operated off it, but they got their backup transmitter and put it on a truck and moved it to San Bruno Mt., put up a single-bay antenna, and are now operating from this new site. This all occurred from about 2-14 to 2-19 or so. So if you heard KOIT-1260 off and on, this is the reason. Other news, KOPY-1050 has new owners and is now oldies, still a daytimer, but they hope to go fulltime with 50 kW from a new antenna system in the future. Well, I saw the antenna that an NRC member talked about awhile back that's being used by KNFA-1430 in Santa Clara/San Jose, CA out here ... it's for real ... in the flea market parking lot (I think it was member Cary Simpson). I took some pictures of it; if they come out I'll send a copy to DX News. It's a guyed tower and a hanging wire used as a second radiator in a directional system. Per the station they had to vacate the old 4-tower site they had in Milpitas, CA, and this site is only temporary ... they are building a new site and it should be in operation in about 6 months. Other news: KINN-660 in Window Rock, AZ is on the air with 50 kW day and 50 kW night, directional from a 2-tower array in Sawmill AZ about 20 miles north of Window Rock. Signal out here at night is good. That's all for now.

**Richard Eckman** - 18 Newton Road - Cambridge, CB2 2AL - UK

Greetings. As you'll note from the above address, I've left the country to spend two years at Cambridge University doing postdoctoral research. This is my first time overseas, and I'm slowly getting used to the cultural differences like learning how to cross the street and making do without central heating! Not too much time for DX during the last two weeks, and I'm somewhat limited since I have only a Sony ICP-7600D and Shotgun loop. By the way, airport security at Newark was somewhat concerned about the loop after X-raying my bags. It apparently looks very suspicious on the monitor. I had to convince them that it was an antenna to be attached to a portable radio! The MW band, at first impression, is a bit unexciting over here. Early evening signals are dominated by British stations all over the band, together with the French, German, and Soviet super-powered stations. It will probably take some more time to get more oriented to band conditions. Mark Connelly suggested that I try for U.S./Canadian stations just before local dawn, although I haven't been up that early yet. Propagation enthusiasts in the club may be interested to know that there is a new book out called "The Propagation of Radio Waves in the Ionosphere" by K. Budden. It's apparently a complete rewrite of his 1961 text on the same subject taking into account the substantial increase in knowledge over the past 25 years. It's published by Cambridge Univ. Press, and, unfortunately, retails for about US \$85.00. At the very least, college libraries will probably acquire it in the near future for those interested in looking at it. Prior to leaving Boulder, I had to part with my R-390A since it appeared to be difficult to ship it back to storage to Philly. I'm grateful to Wayne Heinen for putting me in touch with IRCA's John Wilkins who purchased the receiver. My month in Philadelphia during January saw some good TA DX. It was probably my most active DX period since leaving for Boulder 5 years ago. Details have been sent to DXND. A particularly good eastern European opening occurred in late January with a large number of new (some only tentative) receptions. I'll muse again soon on European conditions as I get more time for DX here. 73.

**Andrew P. Rugg** - 669 De Gaspé, Apt. 218 - Nan's Island, Quebec H3E 1J1

In the first half of March, I hardly DX'ed, and have nothing to report. Veries dribbled in from CIWW-1310 and Caribbean Beacon-1610. Passing thru Belleville, ONT on 2-27, I noted CJBQ-800 with a dual ID "CJBQ/CJNH". This may contradict page 8 of March 10 DX NEWS, which shows CJNH to be off the air. Unfortunately, WRTN was so dominant on 1240 that I could not tune in distant CJNH to confirm if they are active. In the same issue, Jerry Starr mentioned difficulties in telephoning WWSG-1170. One way or the other, it may be of help when I observe that a fairly recent verie, dated Feb. 3, gave their phone # as (914) 534-3400. Reports are still out to CFIGO-1200, WKB-1520, Poland-1503, and Arabia-1521. Holdouts from earlier in the 1980's are CJER-900, Cuba-940, and WPTH-1590. Since 1978, all other catches have verified. 73.

**Dave Whatnough** - 284 Main St. W. - Hamilton, ONT L8P 1J8

This is something I haven't done for many years - a 2nd Musing in a DX season. However, I've spent more time at the dials in the past 3 months than I had done during the previous 2 years. 1-22: managed to catch WPPM-1580 at 6:12. 1-28: WEGG-1580 - first time hrd since call letter change from WEND. This one still coming in at 10:40 am. 2-17: A welcome new addition in spl. test from WVVW-1570 with tones and Xmas music, mixed with CHLO/CKLM/CPOR/XERF. Also noted many stns. this AM which hadn't been hrd in yrs like XEDM-1580, WOKJ-1550, and KPI-640 (first time hrd here in about 3 yrs.) CFIGO-1200 hrd mixed with WQAL; CIWW-1310 noted with oldies (ID as W-1310). Looks like AM calls are going the way of FM's despite laws that say they are supposed to use their calls twice per hour. CPPL London has even put up a dozen billboards around London showing an X through CPPL and now known as AM 98. WYSL Buffalo never uses their calls any more, just 14-Rock. Sorry to see the WKBW calls go (now WKB). Also, locally it appears WRUE-1330 in Erie is off the air.

Have noticed 1330 very empty from 2-25 on incl. today, Mar. 1. WSPQ in Springville is due to come on any day now on 1330. They've been promoting it a lot on WGRZ-TV this week. CKEY-590 has been off occasionally at night while getting ready to go on the new 50 kW towers. Things got pretty quiet here around Xmas, so took a little trip south to FL, MS, LA, and TX - visited about 70 stations collecting bumper stickers, etc. Farthest point reached: Brownsville, TX. Those of you who saw my van in Rhode Island last year will notice quite a change this year. It will be totally covered, top to bottom, by the time this year's convention rolls around. That's about it for now. 73's.

**Don Moran** - #61-52152 Range Road 210 - Sherwood Park, ALB T8G 1A5

I have a new address and hence a new (and improved) DX location. The new QTH is an acreage about 20 miles east of Edmonton. Our land is 4 acres and is adjacent to a 35-acre park reserve, so I have quite a bit of room to string wires. Since moving in December, I have installed several mini-beverages in the 500' to 1000' range, in various directions, and have been quite pleased with their performance, although you couldn't tell by my logbook - this has been a lousy winter for any TA activity. The last few nights (11-4, 12-4) (?? -pls) have produced several small mid and low band TA openings. Nothing to get excited about, just hets and scraps of audio on the main channels - 1044, 1017, and 882; with numerous other weak hets. Compared to last season, I wouldn't have even called this an opening! This winter even the usual longwave TA's aren't! A quick note of appreciation to Russ Edmonds for compiling the AFR graphs in DX News. I clip and save them in my log in order to correlate reception patterns, etc. See you at ANARC in Montreal this July!

**Niel J. Wolfish** - 31 Southlawn Stroll - Winnipeg, MAN R3T 5E9

Examinitus is beginning to set in. This will likely be my last Muse from "Friendly Manitoba" until the fall. I'll be spending the summer in Toronto. March has been a fairly good DX month after February's strange conditions. A large bunch of stations and some interesting "firsts". Specifically, I was fortunate enough to hear my first Trans-Pacific, my first Trans-Atlantic, and my first Hawaiian from Manitoba within a 12-hour period. I was attending another of University of Manitoba DXpedition. I had planned to spend only the evening of March 1 DX'ing, leaving at midnight so that I could get a good night's sleep back at 31 Southlawn Stroll. As fate would have it, midnight rolled around and with Leningrad on 1494 already logged I stayed on. One of the participants, George, left because he wasn't feeling well. Had I gone home I would have missed logging Piji on 774 and KGU-Honolulu on 760. The KGU logging was the most difficult. I had been advised that KGU would be possible around 6 am Winnipeg time. I began to check both 760 and 650 as sunrise approached for either KGU or KORL. 760 seemed to be more of a possibility. Once WJR-Detroit had vanished (at Detroit sunrise) 760 was a combo of XEABC and KMIL-AR, depending on which antenna was used. Unfortunately, my staying up all night began to catch up with me. I had briefly drifted into slumberland when I awoke hearing the familiar CBS news theme at 7 am. I knew this couldn't be KMIL, and realized I had something different. It turned out to be KGU! Another 33 new catches were heard during that DX session, but none of them was as interesting as the aforementioned three. To the present, the latest catch here is another new state. Arizona in the form of KINN-660, heard March 18 at 1:06 am with pop mx and female DJ. Almost up to 500 heard, which isn't bad for my first season in a new location. 73's.

From Page 15

Many broadcasters argue for diversity and attempt to capture two separate audiences on their co-owned AM and FM outlets, he said. Others argue that simulcasting a successful FM station is a way of attracting listeners to a struggling AM operation.

Summing up the matter, McKinney stressed that the US government, via the FCC, has no business "telling a broadcaster what to program." He added that the removal of program duplication rules probably would not have a dramatic effect on programming currently heard on AM radio.

#### Expanded band

McKinney just returned from meetings with government broadcasting officials in Latin America. One issue discussed was plans for the upcoming Region 2 Advisory Radio Conference (RARC), to be held in Geneva in April, that will examine expanding the AM broadcast band in the Western Hemisphere to 1705 kHz.

Shortages of receivers tunable to 1705 kHz may be a problem, he said. FCC officials

said have said the band could be opened to broadcasters by 1990.

McKinney maintained that the Commission is examining the possibility of temporarily waiving the duopoly rules to allow some existing AM stations to move into the new 1605-1705 kHz band. The Commission had mentioned that daytimers, along with fulltime stations now plagued by interference, may be able to apply for improved facilities in the new band.

If there isn't a significant number of receivers available that can tune to 1705 kHz, McKinney said, the existing stations may be permitted to transmit on two separate AM frequencies in the interim, "until receivers are available in the marketplace."

He stressed that duopoly rules for AM broadcasters are much more strict than for FM and TV due to AM skywave propagation characteristics. The FCC would examine the possibility of relaxing the rules as part of the AM improvement report, he said. ■

Vin J. ★ Radio World 4/86

## Arabian Radio Service Diversifies Programming

**Riyadh, Saudi Arabia** — Radio Riyadh is launching several new programs as part of its strategy to diversify its offerings.

The new shows will feature popular music, short stories, conversation, the diplomatic enclave and Islamic economy, among other things.

The administration manager for Radio Riyadh's European service, Abdullah Tala Shannag, reports there is increased interest in religious programs from broadcasters in Africa, Europe and the U.S., who ask for scripts and tapes of the programs.

Of the English programming on the service (which takes up 50% of the daily schedule), 15% is religious. Tala says one of Radio Riyadh's most popular programs is a quiz show which asks questions on Islam, current affairs and general subjects.

Pete Kempf