



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 55 Issue 8 Monday, November 23, 1987

Are you Expired? Check the mail label on the back of this issue.

DecalcoMania, "The Club for Fans of Broadcasting". If you're interested in collecting and trading station promo items then this is the place for you. Sample bulletin for US\$1.00 U.S., US\$1.25 Canada, or 5 IRCs elsewhere. Dues for 1 year, US\$9.75 U.S., US\$11.00 Canada/Mexico, US\$18 elsewhere. Send your check to: DecalcoMania, c/o Mark Strickert, Box 355, Berkeley, CA 94701.

GDXCI or Gateway DX Club International is looking for subscribers. Dues are: US\$5.00 for US/Canada/Mexico, US\$10.00 elsewhere. Write to: GDXCI, 836 Lamplight Lane, Hazelwood, MO 63042.

From Dale Park, "WGN-720 is running a 100 word or less essay contest. Title: "Why I listen to WGN radio". Two categories of winners, 2 sets of prizes to each category. 1- within 200 miles, you'll win theatre package, stay at a hotel, tours, dinner with WGN personalities. 2- those over 200 miles also win a round trip flight via United Airlines. Send your essay to: "Chicago, Our Kind of Town" Contest, c/o WGN Radio, Tribune Towers, 1st Floor, 435 N. Michigan Ave., Chicago, IL 60611. Also mark on the lower left corner of the envelope how many miles you are from Chicago. Entries must be at WGN by November 30th. (Not much time!...hurry!!!) Please note that the address is for the RADIO STATION, the address listed in the logbook is for the TV STATION... so note the change.

CPC TEST (Times listed are Eastern Local Time)

DX TEST FLASH ALERT SERVICE. Tired of missing a Monday morning station test that you read about in DX News that arrived Tuesday?! Then what you need is the **DX TEST FLASH ALERT Service.** All you have to do is send 5 addressed (your address) postcards to: **NRC Flash Alert Service, RD2, Box 44, Sand Place, Mannsville, NY 13661.** When a test comes along that won't make the DX News in time for you to read, you will get one of your cards in the mail. Also you will be notified when your about to run out of postcards on hand. Its been used twice already this season for late breaking tests. If you have test information and send it to the NRC FAS Address, it has to arrive at least 7 days prior to the station test. If that won't work, you can call your test information in to: 315-387-3583. This is for Station Tests only.

Nov.23 WSLC-610 Roanoke,VA 0000-0200 Test will consist of C&W programming
Monday (regular sked) with many IDs... will be doing antenna work w/5000w day power
on the night pattern from 0000-0100, 0100 to 0200 will use 5000w day power/
day pattern. A polite reception report along with a mint 22 cent stamp to:
J. Paxton Durham, Radio Station WSLC, Box 6002, Roanoke, VA 24017.
Test arranged for the NRC by Dave Schmidt.

From WYNS-1160 Lehigh, PA, they will be giving us a plug or two between 0215 and 0230
ELT every Sunday morning till Christmas. When you hear it, drop Ned a polite reception
report at: Ned Richards, 230 E. Washington Street, Schnecksville, PA 18078
Letter comes courtesy of Howard Kemp.

LOOK INSIDE:

2....AM Switch	3....Formats	5....DDXD-East
8....IDX0	10....Lightning Strick Map	11....Stn Profile-WYNS
14....GYDXA - 1450KHz	16....GYDXA - 1490KHz	19....DXped-Monte Cristi
22....Musings	24....Free Snow Shovel Offer	

THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

AM SWITCH

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

CALL LETTER CHANGES

OLD CALL:	NEW CALL:	OLD CALL:	NEW CALL:
580 KJBX TX LUBBOCK	KRLB*	1270 KCOK CA TULARE	KFIY
770 WIKX FL NORTH FORT MYERS	WWAM	1320 WCVR VT RANDOLPH	WWWT
930 KRNN TX TERRELL HILL	KRIA	1410 KRIG TX ODESSA	KRIL
990 KBLS CA SANTA BARBARA	KKSB	1450 KOWN CA ESCONDIDO	KOWA
1040 CIOF BC VANCOUVER	CKXY*	WKAL NY ROME	WGKT
1140 WACA NH CONCORD	WNHA	WCSE SC MYRTLE BEACH	WKEL
1180 *NEW TN KNOXVILLE	WHJM	1540 KMIA TX FORT WORTH	KSVZ
1200 WQZQ TN LEBANON	WQDQ	1580 WGFV PR MOROVIS	WCQC
1250 KHOT CA MADERA	KQMD	1590 WQLS TN JONESBORO	WUSJ
1260 KQSA TX SAN ANGELO	KAYJ		

*NOTES ON CALLS: KRLB-580 HAD THE REQUEST FOR KJBX SET ASIDE, THAT CALL WAS NEVER USED. CIOF-1040 WAS REPORTED IN ERROR SEVERAL ISSUES AGO AS CKKY

APPLICATIONS / GRANTS FOR NEW STATIONS

NONE

APPLICATIONS FROM EXISTING FACILITIES

- 730 KIZN ID BOISE: DAY POWER TO 10000 WATTS, ADD 500 WATTS NIGHT U4
- 840 KSDP AK SAND POINT: INCREASE DAY AND NIGHT POWERS TO 1000/1000
- 1060 KHJK TX LOCKHART: INCREASE POWER OF DAYTIME SYNCHRONOUS XR IN SAN ANTONIO TO 1000 WATTS
- 1070 KWSA OR WEST KLAMATH: REDUCE DAY POWER TO 5000 WATTS, CH POWER TO 1000
- 1550 KISK NV RENO: REDUCE POWER TO 1000 WATTS, ANTENNA TO D1 (CP NOT ON AIR)

GRANTS TO EXISTING FACILITIES

- 1510 WINU IL HIGHLAND: TO 880 KHZ WITH 2500/2500 U4
- 1580 WPGC MD MORNINGSIDE: ADD 500 WATTS NIGHTS, ANTENNA TO U3

OTHERNESS

- 750 WAUG NC NEW HOPE: NEW STATION IS ON THE AIR
- 880 *APP MO WENTZVILLE: APPLICATION FOR NEW STATION DISMISSED
- 1250 WRKQ TN MADISONVILLE: STATION IS SILENT
- 1290 WDGS IN NEW ALBANY: STATION IS SILENT
- 1440 WRPZ KY PARIS: STATION IS SILENT
- 1470 WHRD WV HUNTINGTON: STATION IS SILENT

SIGN OF THE TIMES AMS READERS ARE FAMILIAR WITH OUT COMMENTS REGARDING THE ERRORS WHICH OFTEN CROP UP IN THE FCC'S PUBLIC NOTICES AND GET PASSED ALONG BY THIS COLUMN AS WELL AS TRADE JOURNALS. AT LEAST ONE OF THE MAJOR BROADCAST ENGINEERING CONSULTANTS IS NOW ADDING THIS DIPLOMATIC DISCLAIMER IN GOVERNMENT-ESE AT THE BOTTOM OF IT'S CLIENT NEWSLETTER: "INFORMATION IS TAKEN FROM FCC RELEASES AND IS SUBJECT TO ACCURACY LIMITATIONS INHERENT IN SUCH DISTRIBUTION." ERRORS ARE DIFFICULT TO SPOT WHEN THEY EMANATE FROM THE MOTHER-LODE.

73 AND GOOD DX,

Jerry & BKF

JERRY STARR & BUFFALO K. FOONMAN

FORMATS

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

Welcome to the mid fall edition of Formats. First, the M Street Journal is back, now under new ownership, Geov L. Parrish.

The fall format column is brought to you by the M Street Journal, (M) and ye editor, who updates radio in the southern Connecticut market, and surveys the very interesting Cincinnati radio scene, after a business trip there. Had the opportunity to visit five stations in the Queen City...stay tuned in DX News for some VERY interesting station profiles!! And now the show.....

- 550 WKRC OH Cincinnati - AC, News, some talk(TF).
- 600 WICC CT Bridgeport - CHR days, Talk nights, some ABC feed, full service radio, very professional for the most part(TF).
- 610 WSWG CT Torrington - News, Talk(TF).
- 620 KCLQ CA Hanford - AOR oldies // FM(M).
- 630 KXDC CA Monterey - Ex-KIDD, soft AC, EZL(M).
- 690 WADS CT Ansonia - AC, some ethnic on the WE(TF).
- 700 WLW OH Cincinnati - News, AC, Talk, ABC, Full Service, "700-WLW" as every DX'er in the U.S. knows.(TF).
- 740 WNOP KY Newport - Jazz, Blues, Comedy, the studio structure was inspired by three beer cans; stay tuned for the profile on this very unconventional station.(TF).
- 750 WRIC IL Brookport - New, album rock //FM(M).
- 750 WAUG NC New Hope - New, SMN Black oldies(M).
- 800 WLAD CT Danbury - AC and Sports(TF).
- 840 WRYM CT New Britain - Ethnic, mostly Spanish(TF).
- 850 WREF CT Ridgefield - Excellent BBD, NOS, Adult Standards(TF)
- 890 KGGM MO Gladstone - New, Black gospel(M).
- 910 WRCQ CT Farmington - Adult standards(TF).
- 920 KDES CA Palm Springs - Rock oldies(M).
- 940 WINE CT Brookfield - MOR, AC(TF).
- 960 WELI CT New Haven - AC, MOR, Talk, Full service for N.H., AM drive host Mark Roman has been there for 25 years(TF).
- 980 WONE OH Dayton - CWM(TF).
- 990 WNTY CT Southington - AC, CNN(TF).
- 1030 KIQO CA Folsom - Silent(M).
- 1030 WNOW NC Mint Hill - New station, REL(M).
- 1050 WTSJ OH Cincinnati - Adult Contemporary Christian, 24 hours, "Cincinnati's Christian Connection"(TF)
- 1080 WTIC CT Hartford - AC, sports, talk, full service for Hartford(TF).
- 1130 WISN WI Milwaukee - All news/Talk(M).
- 1140 KRSR NV North Las Vegas - Hard rock "Crusher"(M).
- 1140 WCLW OH Mansfield - Silent (M).
- 1150 WCNX CT Middletown - AC(TF).
- 1180 WECA GA Marietta - Ex-WeKS, REL(M).
- 1180 WMLX KY Florence - MYL, BBD(TF).
- 1180 WMIW SC Atlantic City - New, Black gospel(M).
- 1230 WDJO OH Cincinnati - Automated oldies, XR is a rooftop antenna atop a six story warehouse, built into the side of a mountain overlooking downtown Cincinnati(TF).
- 1250 WREN KS Topeka - Silent(M).
- 1250 KGBU OR Florence - Silent(M).
- 1260 KTTS MO Springfield - CWM, was KGBX, swapped from 1400, see 1400KHZ(M).
- 1280 WGBF IL Evansville - CHR//FM(M).
- 1290 WHIO OH Dayton - News, AC "The News Leader"(TF).
- 1290 WCCC CT Hartford - AOR, has been for years(TF).
- 1300 WAVZ CT New Haven - BBD, NOS, was big rocker in the 1960's (TF).
- 1310 KIVA NM Corrales - Ex-KXAK, REL, now CHR//FM(M).



④ And on to a second page....

- 1320 KY Covington - ID's for Covington - Cincinnati, ABC Directions Network, MOR, and immediate want adv's like television shopping (TF).
WCVG
- 1340 WNHC CT New Haven - Automated Black programming(TF).
1340 KCEM NM Aztec - CWM(M).
1350 KLYD CA Bakersfield - AOR oldies(M).
1350 WNLK CT Norwalk - News, ABC, AC, Sports, probably one of the finest full service stations anywhere(TF).
- 1360 WDRC OH Hartford - Satellite fed oldies(TF).
1360 WWNK OH Cincinnati - Rock "K-Rock AM 1360"(TF).
1400 KGBX Mo Springfield - CHR, swapped places with KTTS, now on 1260(M).
- 1410 WPOP CT Hartford - CBS, News/Talk(TF).
1410 KCWV KS Leavenworth - New Age //FM(M).
1410 WING OH Dayton - AC(TF).
1440 WBCM MI Bay City - Back on the air w/ Christian Rock(M).
1440 KXAM TX Helotes - New station, adult standards(M).
1450 WJBX CT Bridgeport - AC/Oldies, lots of contests and remotes, easily the most enjoyable of the stations in this area(TF).
- 1460 WHBT WI Racine - New age//FM(M).
1470 KMFI AZ Sierra Vista - Adult standards(M).
1470 WMMW CT Meridan - AC(TF).
1480 WCIN OH Cincinnati - NBN, SBN, clustered Balck music, "Heart and Soul of Cincinnati", unusual antenna system, profile coming soon(TF).
- 1480 KAAR WA Vancouver - Silent(TF).
1500 WFIF CT Milford - REL, Contemporary Christian(TF).
1500 WNWVA SC Burnetttown - Stlent(M).
1500 KVSN WA Tumwater - New, rel(M).
1510 KWVF CA San Rafael - New Age(M).
1510 KDKO CO Littleton - SMN Black oldies(M).
1530 WDJZ CT Bridgeport - NOS, MOR, station is in the offices of a local fuel distributor, who uses it to promote his fuel, his motel, and his cocktail lounge/restaurant, AP News(TF).
- 1530 WCKY OH Cincinnati - CBS, NBC, ABC, CNN Business, news block 0500-0900, otherwise talk(TF).
- 1550 WCLY NC Raleigh - Ex-WSES, Black programming(M).
1560 WCNW OH Fairfield - Religion, southern gospel(TF).
1580 KTSS IA Davenport - Silent(M).
1590 WLUM WI West Allis - Black, //FM(M).

Thanks to the M Street Journal for their contributions. And, now that the DX season is in high gear, send your format changes in.... the entire NRC membership is interested.....

73's 72

WUMB-FM TEDDY BEAR PICNIC SEP 20 1987

wumb-fm member benefit

1 Free hot dog

SEP 20 1987

WUMB-FM TEDDY BEAR PICNIC SEP 20 1987

WMSO AM 640

Victory Communications, Inc.

P O Box 41/ Collierville, TN 38017 / 901 853 8181

William R. Hale
1025 Reynolds Rd., Apt.E-101, Johnson City, NY 13790

Medium Wave Meanderings

- My apologies to **Kermit Geary** for incorrectly listing his logging of WICE-550 (V55-I4) as WINY. Don't know what happened, Kermit. Must have been a glitch. Thanks to **John Malicky**, I now have an official *16 WVKO V.I.P. card*. Now ask yourself, what have you done for your editor lately? How 'bout mailing him some DX?? That would make his day.
- **Dave Hasecall** reports Service Merchandise no longer has the Superadio in the big catalog. Is it doomed? Dunno, Dave. I've got mine, and glad of it!
- Several contributors have asked me to print the "transit time" of their letters. So, for a few weeks I'll include the postmark date, followed by the date the letter arrives immediately after your name in the "credits" section of the column. This will give you an idea of when you have to mail your reports to get them here by Saturday's mail. Don't forget the December 1st address change!
- A new abbreviation has crept into DDXD-E. Since we just passed an election, and kind of a big one is now less than a year away, I'm sure we'll hear lots of POL (political) ads. It's showtime...

SPECIAL

- 550 KFRM KS SALINA-BELLEVILLE - stn has **moved to Belleville**, & now has C&W mx w/Satellite News Net; ~~enclCT~~ (GH-KS)
- 640 WCOOR TN BLOUNTSVILLE - 10/25 1500 w/NFL FB; also hrd 10/27 1730 w/Tri-City ID; new (EM-NC)
- 700 WPNS MA ORANGE - 10/22 0721-0800 strong in WLW's null w/AC mx, clustered ads, and Community Bulletin Board; ~~enclCAT~~; note while this call was dropped by Hurricane, WV-1080 in 1978 due to its phallic connotation, the call here stands for P&S Broadcasting, Inc (KG-PA)
- 850 WKIX NC RALEIGH - 10/30 1721 w/end of Jackson tune & trffc rpt; that they were were C&W; ~~format change?~~ o/WAIT (WPF-IN)
- 940 WESA PA CHARLEROI - 11/3 same CLs, but sez *Class FM 99.3 @ :00*; sez WESA AM-FM about 10 minutes before :00, trying to be **less of a Charleroi stn and more of a stn for the 4-County area** (JM-PA)
- 1270 WKHQ MI CHARLEVOIX - 11/3 0424-58 **noted simul** w/105.9 FM w/T40/MOR mx; ~~ex: BBD~~; haven't hrd it in at least 3 yrs; o/WXYT in WKBF null (WPF-IN)
- 1320 WILS MI LANSING - 10/29 0324-0601 **noted w/1320 WILS Lansing's New Radio Stn**; drops LK/MOR; ~~now w/UC mx~~; o/WJAS, no CFGM (WPF-IN)
- 1380 WXTC SC CHARLESTON - 10/15 0125-0200 in the clear w/*Light Rock* from the 60s, 70s, and 80s & frequent 97 FM, WXTC slogans, w/AM ID @ :00; ~~ex: WOSC~~ (KG-PA)
- WMER MS MERIDIAN - 10/30 1928-30+ on top, strong w/end of *Focus on the Family*, ads, non-ID @ 1832 AM 1390 WMER Serving Meridian-ville, then REL tlc show; ~~ex: WFEZ & BBD~~; 1st timer o/WGCI which had Univ of IL *Flames* HKY (WPF-IN) (Wendell, U of I teams are the Illini, maybe U of I-Chicago??-WRH)
- 1490 WABJ MI ADRIAN - 10/29 0324-31 good & steady; ~~now noted w/LK~~; o/mess and WESL? (WPF-IN)
- 1500 WAKE IN VALPARAISO - 10/28 1900 **now noted on past SS w/PSSA of 2.9 watts**; AM PSA also 2.9 watts per Carl Fletcher, Eng, not 2.5 as in log; DA to North at all times; in *DX News* V54-I13 Roger Winsor hrd this on PSSA, but was noted signing off in the Summer, so may use PSSA year 'round; in WTOP/KSTIP/slight WLQV GRM (WPF-IN)
- 1510 WCXJ PA MONROEVILLE - 11/3 still UC, but **CL change**, ex: WNVU, change about a month ago; WNVU CLs sounded like those of a college stn (JM-PA)
- 1580 WZKY NC ALBEMARLE - the **PSA power**, as hrd on 9/29 @ 0608-35, **is 11.5 watts** per verie; William Norman, Jr P/GM, appreciates reports (KG-PA)
- KTSS IA DAVENPORT - 10/30 0344-0400+ good/strong @ times w/AOR mx, simul w/KFMH 99.7 Muscatine; no CBJ, this stn was un-nullable!! AP Net Nx @ :00; WVKO in weakly (or monthly, hi) (WPF-IN)

DX AND EQUIPMENT TESTS

- 560 WIND IL CHICAGO - 11/2 0350 noted completely off, 1st time in a long time; only KLVI w/LK and WFIL w/OLD on the freq (WPF-IN)
- 1030 WNOW NC MINT HILL - 10/13 0000-45 testing w/Christian mx (EM-NC)
- 1060 WNOE LA NEW ORLEANS - 11/3 0403-0504+ on the air for *Technical Adjustments*; on top of the Cuban on day pattern/power w/C&W mx in KYW null (WPF-IN)
- 1520 WREA TN DAYTON - 10/31 0361-0421 steady signal, strong+poor @ times, strong for most part testing w/C&W-type REL mx in KOMA null; another new one (WPF-IN)

UNIDs & UNIDs IDd

- 670 UNID ?? - 10/28 0410 SS noted looped NW/SDB550, 600, 710; 550 being the strongest, Fidel may be competing w/LK for biggest network of stns, hi; a nite regular w/WMAQ (WPF-IN)
- 1270 UNID ?? - 11/3 1858 w/comment on NFL strike: effects on players, 45man squad, etc; ID @:00 sounded like *WPMI* or *WFNI* but neither of those compute; APR Nx, folo by wx by female, 55^o, phone #431-xx81?; Detroit?? (WRH-NY)

T.I.S.

1610 WV HARPERS FERRY - 10/12 0215-0250 strong w/3 minute tape loop about Harpers Ferry Nat'l Historical Park; no CLs annod; occ GRM from Jamestown, VA TIS (KG-PA)

WIDMIGHT TO WIDDAY

- 540 WWCN PA CANONSBURG - 10/25 0552-0620 good in CJSB's null w/CLA mx, nx hdlines @:00; also on 10/26 0312-0340 w/CLA mx, Tri-State wx, calendar of events; announces as 24-hrs-a-day (KG-PA)
560 WFIL PA PHILADELPHIA - 11/20350-0500 noted on an OLDies Satellite service; found 5 or 6 places on the nighttime dial in this neck of the woods; another new one; WIND was off, a TT noted looped N/S, WHBQ? (WPF-IN)
580 KLBJ TX AUSTIN - 10/30 2100 lcl nx-break+CBSNx @ :00 w/ID; new (DLH-IN)
910 WRNL VA RICHMOND - 10/26 0740 w/ID, ad for FIC Insurance Co, wx (hi-64°), joke about school band; good (JHD-PA)
930 WKY OK OKLAHOMA CITY - 10/28 0400 on the MCRN, unn; thot I had WBYG also unn in MESS (WPF-IN)
1040 WHBO FL PINELLAS PARK - 10/25 0624-0630 Oldies Str; promo for WHBO Halloween Party; call-in for best mx and win prizes; TC, temp, ID+nx; WHO nulled (JB-TX)
KIRS CA SAN DIEGO - 10/25 0645 w/OLD, fading in/out u/WHBQ; We're Kirs, w/Oldies all the time; ad for CA resort; fade-out B4 sponsor given; u/WHBQ,WHO nulled (JB-TX)
1050 WTSJ OH CINCINNATI - 10/29 0443 up just for the CLs & gone; sounded just like meteor scatter does on FM; would be a 1st timer, but will not count w/so little info; too early for PSA, on 270 watt MC pwr or newly-granted 500 watt nite pwr? (WPF-IN) (They've got their 500 watts on now-WRH)
1070 WNCT NC GREENVILLE - 10/26 0655 t1k pgm about fish farm; wx (hi 70°); ID, nx; OLDies; good (JHD-PA)
1090 KKYN TX PLAINVIEW - 10/25 0515 w/C&W mx, Best country mx, right here on Ten-Ninety, Country KKYM; KAAY silent 0500-0600 (JB-TX)
1280 WMRO IL AURORA - 10/18 1927 ID, HS FB; mixing w/UNID, possible WPID-AL (DLH-IN)
1300 WIND GA WINDER - 10/24 1855 FB pregame show, ID; good+fair (DLH-IN)
1380 WMPS TN MILLINGTON - 10/19 2123 w/phone-in show; if no one called in, the host threatened to call listeners! (DLH-IN)
1480 WZDE IL PRINCETON - 10/31 0430 The Very Best in C&W Mx, WZOE, Princeton, IL; o/ WABJ & others (WPF-IN)
1510 WMHQ NJ DOVER - 10/29 1713-1730 strong w/Shadow Traffic, clustered ads & ROK OLD; IDs as Your Oldies Channel (KG-PA)

WIDDAY TO MIDNIGHT

- 540 WLIX NY ISLIP - 11/4 1720-40 Christian mx, Shadow Traffic, LI's Christian Str; weak u/CJSB (GV-PA)
680 WAPC FL JACKSONVILLE - 10/29 1730 w/Channel 17, NBC Nx ad, ID, new Sting hit (EM-NC)
700 WPNS MA ORANGE - 10/22 1800-1815 good in WLW null w/world & lcl nx, wx, AC mx and partial-data s/off (no address); announces dual Orange-Athol ID (KG-PA)
730 WFMC NC GOLDSBORO - 10/25 1836 good w/promos for Country Mx month w/lcl sponsors mentd, wx, C&W mx, faded; WPIT not on PSSA Sundays (JM-PA)
750 WHEB NH PORTSMOUTH - 10/20 1913 while dial-twisting, hrd FM invite, ID WHEB-Portsmouth; WSB in as soon as carrier off (JHD-PA)
800 WLAD CT DANBURY - 10/27 1721 ad w/Danbury ment for location; CHR mx; weak in fades (JHD-PA)
810 WQIZ SC ST GEORGE - 10/26 1715-30 GOS mx, Spirit of SC slogan; ad for Christian book store shortly before s/off; fair+good w/WGY (GV-PA)
830 CFJR ON BROCKVILLE - 10/27 1756 w/building supply ad, full ID, Pablo Cruise rod; L&C; gone 10 min later (EM-NC)
1000 CKBW NS BRIDGEWATER - 10/23 1918 female w/lcl nx incl item re police searching for a missing accident victim; wx=7°; ID+CHR; good (JHD-PA)
1030 WNOW NC MINT HILL - (no date or time) GOS mx, ID, murdering WBY; was this an ET? (DLH-IN)
1040 CHR5 PQ ST JEAN - 10/28 1730 ID, auto ad, mx, all in FF; good (JHD-PA)
WJTB OH NORTH RIDGEVILLE - 10/27 1740 UC mx w/a cool DJ dude speaking soft & low as he played some bad jazz; good (JHD-PA)
1060 WMCL IL M'LEANSBORO - 10/26 1813 promo w/a scream, asking listeners to call for a prize when hearing it; C&W rod, Somebody Lied; good (JHD-PA)
1110 KFAB NE OMAHA - 10/26 1824 good w/sp; KFAB Eye In The Sky rpt: Sun giving motor-ists problems & emergency vehicles enroute to accident; ID; ads: investments, furniture; stock rpt (JHD-PA)
1140 WSAO MS SENATORIA - 10/30 1959-2003 strong input from this AOR stn (FM simul? awful hard rocker for AM); ment of upcoming HS FB; log has it as a daytimer, so got a PSSA; power??; strong in WRVA null (WPF-IN)
1160 WFFN MI FENTON - 10/22 2037 fair, in fades; wx w/high of 46° tomorrow; ID given several times (JHD-PA)
1180 WMLX KY FLORENCE - 10/24 1842-1900 s/off; fairly good in WHAM's null w/BBD mx & std OLD, partial-data s/off (no address) announcing an 0630 Sun s/on; IDs as Cincinnati's Memories (KG-PA)
1310 CIWW ON OTTAWA - 11/3 1857 w/C&W newies & OLDies, W-1310 slogan; xint, considering 100% of their signal shoots away from here (WRH-NY)
1310 WTKL KY MADISONVILLE - 10/30 1954 w/HS FB pre-game show, wx 4Cast (low 50°, hi Halloween 78°, 57° now; \$ TTL ments; is a regular in Owensboro, but a 1st-

- 1320 WATR CT WATERBURY - 11/3 1825 CBS Commentary w/Dan Rather; ID @ :30, then CBS Nx sounder & lcl nx by female; good o/WSCR (WRH-NY)
1330 WSSY IL EVANSTON - 10/26 1800-1815 v/strong w/AP Nx, wx, SID & AC mx; disappeared @ pattern change; ex:WEAW (KG-PA)
WHBL WI SHEBOYGAN - 10/28 1812 o/all w/wx and ad for merchant in Sheboygan Falls (KG-PA)
WOLD VA MARION - 10/30 1730-35 good, briefly w/WESR s/off w/C&W mx, POL ad for John Bundy for state senate; new (GV-PA)
1350 WNVV VA NORTON - 10/30 1750-1800 AC mx, Sunny 106.3 slogan; POL ad for Wise City treasurer; fair+good (GV-PA)
1360 WHWH NJ PRINCETON - 10/27 1705 ID as WH; mentioned city of license in nx, had trouble w/interview tapes; weak w/jumble of stns (JHD-PA)
WIYN GA ROME - 10/30 1943-47 ads for businesses in town & when-AM slogan; MOR mx, almost MYL-type; hrd in Cartersville, GA, 1st-timer here; alone, no WANK or WGE! (WPF-IN)
1370 WKFD RI WICKFORD - 10/31 1757 FB coverage & ad for Davisville Credit Union; again on 11/1 @ 1737 w/OLD ROK (HJH-PA)
1380 WIZO TN FRANKLIN - 10/23 2049 w/HS FB, ads, ID (EM-NC)
WGUS SC NORTH AUGUSTA - 10/30 1800 ending C&W mx, then s/off (HJH-PA)
WIZO TN FRANKLIN - 10/27 1949 w/OLD, ads for chiropractic center in Alexander Plaza, Fairview Mobile Homes in Fairview on Golden 1380 o/KGLD/CKPC/others; 1st timer (WPF-IN)
WNRI RI WOONSOCKET - 11/4 1706-15 w/call-in show, main topic was how dropped-out candidate got 1800 votes; ads for John Drew's Restaurant, B & D's Service Str; good w/WKDM (GV-PA)
1390 WDOT VT BURLINGTON - 11/3 1849 w/Your Country Giant, DJ Kay Richards, TC, promo for upcoming Crook & Chase segment+C&W mx; fair (WRH-NY)
WXTC SC CHARLESTON - 10/15 2058-2110 good o/OLD, separate from FM; ABC Nx @ :00; ex:WCSO (KG-PA)
WKIC KY HAZARD - 10/30 1801 s/off w/good signal; ment ABC net affiliation (HJH-PA)
1430 WFOB OH FOSTORIA - 10/27 1716 w/tlk about upcoming POL pgm as candidate has purchased 30 minutes of WFOB time; ment of WBGU-TV; in WIMS-1420 stop; 1st timer (WPF-IN)
1440 WLXN NC LEXINGTON - 10/24 1759-1811 o/all w/end of separate REL prgmg @ 1800, then simul of C&W mx w/WKQZ, Q-94 FM (KG-PA)
1450 WDAD PA INDIANA - 11/2 1720-30 & 1800-15 w/sps, AC mx, CBS World News Tonight @ 1800; promo for Giants-Cowboys game @ 2035; good, atop all; new (GV-PA)
WTBO MD CUMBERLAND - 11/2 1730-40 w/lcl nx, ment Frostburg parking ban+EZL mx; fair o/WDAD/others (GV-PA)
1470 WBUL KY SHEPHERDSVILLE - 10/30 2032 w/live (or dead) coverage of Metro Bullet FB on WBUL Shepardsville; vote on Nov 3rd PSA; lost from my Fern Green, KY totals of 5 years ago when it moved from Ft Knox recently; in CHOW/WMBD null; 1st timer here (WPF-IN)
1540 CHIN ON TORONTO - 10/14 2245 w/ethnic prgmg, ID (EM-NC)
WYNC NC YANCEY - 10/27 1650 w/nx, wx, full ID! (EM-NC)
WTBI SC PICKENS - 10/27 1705 w/SC Nx Net, ID (EM-NC)
WNRE OH CIRCLEVILLE - 10/29 1745 w/furniture ad, ID (EM-NC)
1570 WOKG OH WARREN - 10/27 1800 just barely noted, ending DJ patter, then s/off(HJH-PA)
1580 WKIG GA GLENNVILLE - 10/26 1800 strong, o/all w/dual AM-FM ID+NBC Nx (KG-PA)
WAMJ IN SOUTH BEND - 10/30 1833 weak w/ment Your official sps stn (HJH-PA)
WWSJ MI ST JOHNS - 10/27 1708 w/stock mkt, cattle/grain futures, wx; everytime I log this stn, it changes CLs, so maybe... (WPF-IN)
WUIV NC ICARD TOWNSHIP - 10/30 1812 in & out for periods of time w/REL mx and anncts; in null of UNID C&Wer (WPF-IN)
WUIV NC ICARD TOWNSHIP - 10/25 1845 v/good w/s/off, ment Gospel R., SSB (JM-PA)
WZKY NC ALBEMARLE - 10/31 2000+ o/u/CBJ w/the Greatest Hits of the Past 30 yrs w/ Johnny Almond (a previous v/s) & haunted house ments (JM-PA)
WNZT PA COLUMBIA - 10/25 1800-1900 v/good @ times, mostly o/WUIV w/Tlk Radio; many lcl ads, promos; ID The Great Communicator; 1900 s/off (JM-PA)
1590 WUSJ TN JOHNSON CITY - 10/26 1755 noted strong w/ID; also on 10/31 @ unnoted time thru the Glen Burnie stn; US-99 (HJH-PA)
WPLW PA CARNEGIE - 10/31 1845 weak w/s/off (HJH-PA)
1600 WTRV MI MUSKEGON - 10/23 2030 w/OLDies, wx, ID (EM-NC)
WZMM WV WHEELING - 10/22 1830-40 o/all w/AC mx, ads, wx & Z-107 IDs, then lost to WWRL GRM (KG-PA)
WTRV MI MUSKEGON - 10/23 2024 True AM-16 slogan; female mentd Rock 'n' Roll format; ad w/ment of Muskegon; sequed records; v/good (JHD-PA)
WARU IN PERU - 11/1 1731 w/full-data s/off & FM-98.3 invite to stay informed to midnite (after that you're a DXer, hi); another new one in this tremendous season; in mess (WPF-IN) (And we've only begun to cook!!-WRH)

REPORTERS ON PAGE 23

1120 WKQW

P.O. BOX 1222 OIL CITY, PA 16301

INTERNATIONAL DX DIGEST

Chuck Hutton, 1237 Lanier Blvd., Atlanta, GA 30306

404-873-2785 BEFORE 2300 ELT

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

Just a tiny bit of new action in the EU from East Coast happenings.... see 738 kHz. This should have run last time but I lost it in the mess here. Sorry about that Tom.

- 153 UNID sounded like Romanian music, low with some intermittent QRM 0152 11:21. (Headley)
- 162 FRANCE Allours 11/7 at 0148 with music, loud at some times then dip in audio. (Headley)
- 189 UNID presumably USSR - poor with male announcer in what sounded like RR after US35 10/11 on Lewis Beverage. (Manitoba)
- 511 AUSTRALIA ZMC W. Kempsey in weakly w/pop mx and DJ patter at 1321, local ID as 11:21. Static levels made ID impossible. Much better 11/2 w/5 minute newscast at 1300 w/female announcer and full ID following. Must be part of a network as several other calls given also. (Lamerson)
- 535 GRENADA St. George's 11/7 at 0129 announcing one hour of continuous music, heavy QRM. (Headley)
- 555 ST. KITTS Basseterre ZIC 11/6 at 2330 with local news, mention of Trinidad and Tobago, lots of QRM. (Headley)
- 580 JAMAICA R. Jamaica 11/2 at 0000 with world and local news, then obituaries. Very good like a local. (Headley)
- 595 DOMINICA Rodeau 11/6 at 0010 news annct about secondary schools, cricket and soccer reports; then pop music. (Headley)
- 700 JAMAICA Montego Bay 10/9 0050 JBC ID, time check, song "This is Dedicated to the One", ad for something on St. James Street in Montego Bay. (Goozovat)
- 738 UNID carrier making moderately weak 2 kHz het against 740. 10/21 1040 - 1046 tune-out. Tantalizing possibility of Grafton, Australia.... Bears further watching. 1620 and 1629 Aussies missing, both heard last week by Moore, Bailey and myself. (Farmerie)
- 760 MEXICO XENY Nogales, Sonora - believe this is the call of the strong Mexican here. Definitely from Nogales and heard slogan "Radio Geny" (pronounced "Henny"), which was the slogan of the Nogales strn on 1270. Haven't had time to track it further, but will keep you posted. (Wilkins)
- 774 SPAIN 10/22 in strong most of the evening despite slop from WABC, SS talk. (Goozovat)
- 800 BONAIRE PJB solidly w/"Caribbean Nightcall" pgm of E2L instrumental in and out w/XEROK 10/31 at 2348. (Lamerson) 11/10 at 0340 man preaching about crimes against each other, very good above CKLW. (Headley)
- 811 COLOMBIA HJCY Bogota 11/2 at 0110 with what appears to be world news with mention of Tokyo, also Bogota and Colombian news, strong above other stations. (Headley)
- 810 MEXICO XERSV Ciudad Obregon, Sonora 11/2 1256 choral NA, then woman w/recorded s/von. 5000 watts, address Apartado 75. "Radio Alegria" ID. Fair signal w/QRM nulls. Good skip to XE landdd; heard the XE NA being played on 790, 810, 820 and 830 kHz! (Wilkins)
- 829 MEXICO XEYX Mexicali BCN 10/28 0059 ID "XEYX, La Gigante, 820 kHz, 3.5 kW de potencia, con oficinas y estudios en Prolongacion Alfaro 253...". Very good signal, actually overriding WBAP at times on indoor wire! New catch, XE # 74. (Wilkins) bc you have the Cubans in the Southeast and the Mexicans in West.....
- 825 ST. KITTS R. Paradise 11/2 at 0222 man preaching very good, received clear nightly. (Headley)
- 830 MEXICO XEYQ Culiacan, Sinaloa 11/2 1253 s/von routine by man, 5000 watts, "La Grande de Sinaloa". Good signal, XE strn noted on every freq in 790-890 range except local 850 and 840. (Wilkins)
- 836 VENEZUELA 11/2 at 0129 mention of Venezuela then went int Spanish music, extremely clear. (Headley)
- 930 UNID 10/17 0129 SS talk, LV de something or other, favoring Caribbean. (Goozovat)
- 940 HAITI 4VEF 10/17 0100-0120 FF news, loud and clear, ID as 4VEH, gave address APO Box in Cap Haitien. (Goozovat)
- 950 PUERTO RICO WABA Aguadilla 10/17 0100 on the hour ID, totally dominated channel all evening with SS mx. (Goozovat)
- 985t MONTERRAT 10/17 0115 EE male announcer with strong accent, lots of WCBS slop hence no positive ID. H check after 0200 showed nothing. (Goozovat)
- 990 MEXICO XEIQ Fresnillo, Zacatecas 11/2 1236 XE mx, pharmacy and restaurant ads, Radio Fresnillo slogans. Generally poor, even though not much QRM. New, XE # 74. (Wilkins)

- ALGERIA 11/10 2206 in and out alternating with WLS, man in AA from parking lot at work in Boston, 1/4 mile or so from sea water, 1/2 mile from ocean. Was tuned to 890 on fairly new car radio that only tunes in 10 kHz increments (is there a switch inside these for 9 kHz spacing?) (At least on some, I had one with a 10/9 kHz switch and the instruction manual explained its use and position - Chuck). I had hets on at least 75 % of the domestic channels, audio from several other low end TA's, all of this rapidly deteriorating as I drove home westward. Now that I am experiencing first hand the waterfront after work drive home TA DX like Mark Connelly has been reporting for years, I can say it just has to be experienced to be believed! My home QTH 40 miles inland produces a lot of TA's but it's like a different world on the waterfront. Since being back on EST, I hear at least a few hets in the parking lot every night shortly after 5 PM. I hope to install an older style analog tuning car radio as an addition soon. (Farmerie # 2)
- 1100 ANTIGUA ZDK St. John's 10/16 2300+ the end of 60 minutes of news, "Giving You The World" jingle ID, ad for Charles' on Newgate Street then death announcements beginning with someone from Liberta. (Goozovat)
- 1130 MEXICO XEHN Nogales, Sonora 10/28 0255 US rock song, then right into NA w/no annct. Fair sig o/KWKH. (Wilkins)
- 1106t SPAIN 10/22 0450 probably the source of screaming het on 1100 but no audio through. (Goozovat)
- 1160 HONDURAS? from 0328 to 0334 10/28 LV de Atlantico relatively clear followed by garbled call sign - possibly HRQN - has HRQN moved from 1145 shown in WRTH? (McLachlan) I used to hear them on 1145 but that was many years ago. I also don't remember anybody reporting them on 1145 recently so my guess is that they moved - Chuck
- 1440 JAPAN JOWK Sapporo 10/12 w/very commercial sounding pop programming at 1510. Lots of promo type stuff; sounds like it plays to the younger set. (Lamerson) Hear any Clearasil ads? Chuck
- 1440 SAUDI ARABIA Damman/Ras-as-Zawr (?) 10/12 came rushing in like a ton o/JOWK w/religious programming including explanations of the significance of 3 positions of the head during prayers and also Q&A from the Quran at 1535. ID as "Radio Voice of Islam broadcasting from Mecca". In AA; had to have a colleague from Sudan translate the tape. Monster power and time contributed to this one; they are nearly temporal antipode (place on the earth exactly on the other side as far away as can be - Chuck) their SSS is my SRS. (Lamerson)
- 1610 ANGUILLA Caribbean Beacon 11/2 at 0420 with fire and brimstone style preaching in SS and EE ID at 0430. Fair sig good for an hour or so. (Lamerson) 11/5 at 0115 with USA news then announced Caribbean Beacon Broadcasting Company from Anguilla, West Indies. Received clear nightly. (Headley)

Tom Farmerie - Grafton, MA	R390A, MWDX3A, phasers, LW's car radio
Tom Farmerie #2 - Boston, MA	Panasonic RF2600, LW
Steve Goozovat - Binghamton, NY	R1000, LW, 4' loop, DA9 loop, etc.
Edwin Headley - St. Albans, NY	car radio
Doug Lamerson - Makapu'u Point, Oahu	R7, DA5 loop
George McLachlan - Winnipeg, MB	R7, Beverages
Manitoba - Lewis MB DXpedition	
George McLachlan	
Barry Wasyluk	
Dave McBride	
John Wilkins - Wheat Ridge, CO	R390A, R100, 4' loop

And lastly, a note from Jim Hall re IDXD for 3/16 says 910 has 2 Cubans mixing - a Reloj and an Agramonte. Ag is // 1360-1370-1380.

Down but not out

Spanish-language KRDD(AM) Roswell, N.M., a one kw daytimer, was off the air for about six hours on Sunday, Nov. 1, after three guy wires supporting the station's transmitter tower were cut, causing the 200-foot antenna to fall, said Ken Bass, chief engineer for KCKN(AM) KCBQ(FM) Roswell, who also works as a contract engineer for KRDD. Bass said the vandalism of KRDD's tower was discovered shortly before the station's sign-on time at 6 a.m. that morning. Bass was then called to the scene. "With the help

of John Sanders [chief engineer] at KBIM-AM-FM Roswell, we rigged a temporary antenna and had the station back on the air by 1 p.m. the same day," Bass said. According to Bass, the tower fell across one corner of KRDD's studio building. "There was no one on the premises," he said. "And there was no damage to the station's broadcast equipment." At press time last week, Bass said the person or persons responsible for toppling KRDD's tower had not yet been caught.

STATION PROFILE

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

STATION PROFILE - 79 -WNWS, News Talk for Southern Florida

79 WNWS

NEWS/TALK RADIO FOR SOUTH FLORIDA

Residents of Miami have a choice of three strong signalled English - speaking news - talk formatted stations. Also, the almost 50% of the market demographics who are of Hispanic or Cuban heritage, may listen to several AM broadcasters who air all news and information from Cuba, as well as from the "Little Cuba" area of South Miami. Thus, talk is a substantial part of the Miami radio offerings.

Two of the English broadcasters operate by temporary authority on high power. WIOD-610 uses 10,000 watts to broadcast from a two tower array on East 79th Street in Biscayne Bay. The other, WNWS-790 is temporarily granted 25,000 watts, because of Cuban interference.

This is the profile of 79-WNWS, "News-Talk Radio for Southern Florida", lively, colorful, and sometimes controversial companion to thousands of loyal listeners, who enjoy, and actively participate in discussions on topics ranging from real estate to sex.

WNWS began broadcasting in 1958 as daytime only, non-directional WMBM, for Miami Beach-Miami. Parenthetically, four Miami broadcasters have at one time held the WMBM call. WMBM is presently assigned to a Miami Brach Black programmed station, which broadcasts from a storefront studio (and transmitter on the roof), at the southern tip of Miami Beach. WMBM, in 1958, used 1000 watts on 800khz, broadcast from studios on MacArthur Causeway, surrounded by the turquoise waters of Biscayne Bay.

Wishing to broadcast full time, WMBM owner Rounsville Radio applied for 5000 watts fulltime on 790khz. The new application was licensed to South Miami. To comply with the FCC's ruling, a new transmitter site was constructed between Sunset Drive and Kendall, west of 125th Avenue. A studio was built at the transmitter, and the station formatted Black programming.

In 1961, inspired by Top 40 successes in other markets, the owner changed the call to WFUN, and broadcast the top hits. WFUN began strong competition with local rocker WQAM-560 to be the #1 station in the Miami area.

In 1973, Sudbrink Broadcasting purchased WFUN, and introduced a beautiful music format which failed to build ratings. Thus, Sudbrink shut the station down for sixty days "to choose a format". In 1979, the station came back as WNWS, with a news and talk format, which has been aired since.

Sudbrink sold the station to Rockoff in May, 1984, and the station again changed hands to Jefferson - Polit in September, 1985.

The present spacious studio building, at 20450 Northwest Second Avenue, in North Miami, was built in 1978. The building also houses Jefferson - Pilot's FM 101.5, WLYF, a 24 hour live assisted easy listening station. The AM facilities consist of Master Control, overlooking a large talk studio, a fully equipped production studio, a news studio, a news room which is staffed with several fulltime news professionals. WNWS engineers have creatively converted the control room from a music-oriented station to handle the talk format. The studios are in the center of the building.

WNWS receives no network talk shows. All of its talk is locally produced, and Miami-oriented. Hard hitting Lee Fowler hosts the mid day call in show, and other personalities facilitate talk on a variety of topics. Each host is deluged with callers. WNWS airs news blocks from 5:AM to 9:AM, and from 3:PM to 5:PM.

The WNWS transmitter site is located 27 air miles from the studio. In a remote area of the Everglades, off Tamiami Drive (the original road between Tampa and Miami), the five tower site is operated from the studios. Two of the 250 foot towers send out the day pattern, and all five towers are used at night. Chief Engineer John Morris has received reception reports from Germany and Sweden, and the station has been heard in Cincinnati and in Southern Connecticut.

1. Thunderstorm days. The frequency with which lightning will strike close enough to damage communications equipment varies widely across the country. The isocercaenic map shows the average number of days per year that a person standing at a data communications site would be able to hear a thunderstorm

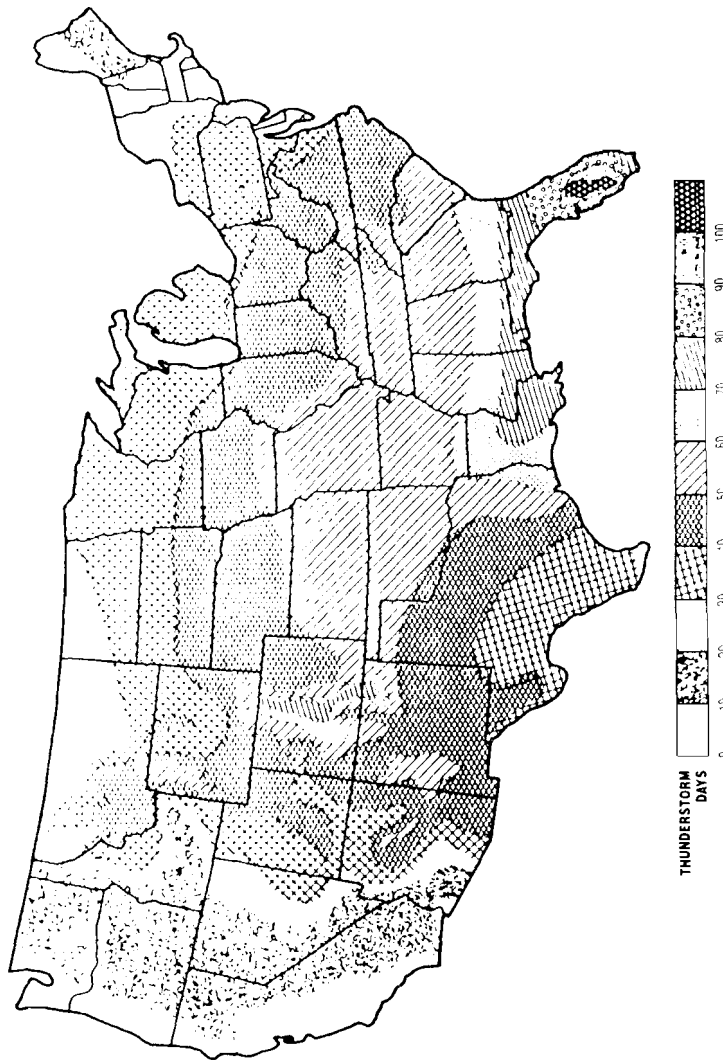


Table 1: Ground lightning strikes vs. thunderstorm days

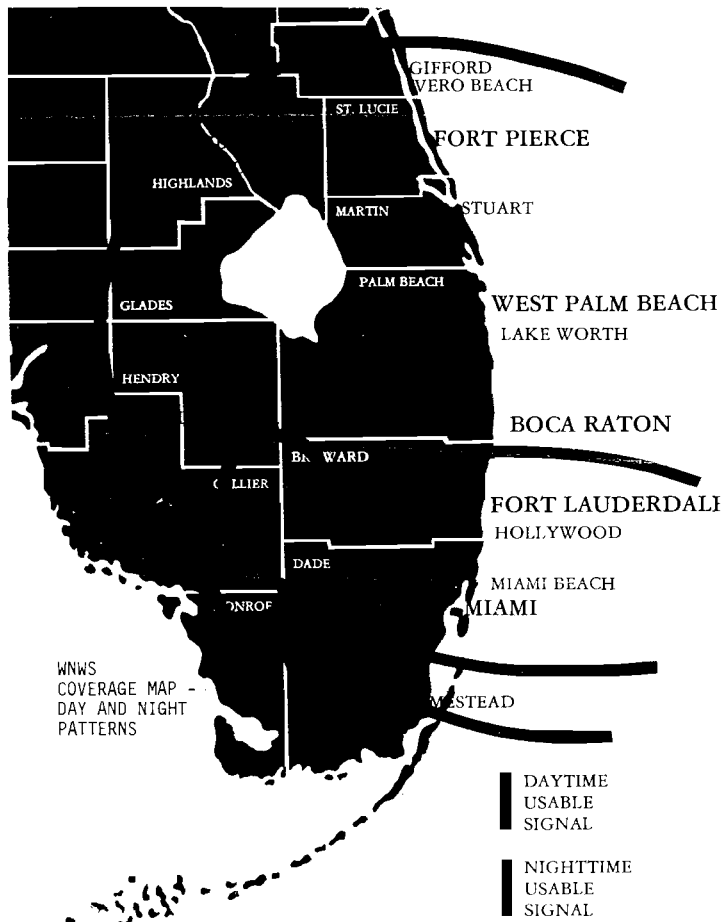
THUNDERSTORM DAYS PER YEAR	GROUND FLASHES/SQ. KM./YEAR		GROUND FLASHES/SQ. MI./YEAR	
	NOMINAL	RANGE	NOMINAL	RANGE
5	0.2	0.1-0.5	0.5	0.26-1.3
10	0.5	0.15-1	1.3	0.39-2.6
20	1.1	0.3-3	2.8	0.78-7.8
30	1.9	0.5-5	4.9	1.6-12.9
40	2.8	0.8-8	7.3	2.1-20.7
50	3.7	1.2-10	9.6	3.1-25.9
60	4.7	1.8-12	12.2	4.7-31.1
80	6.9	3-17	17.9	7.8-44
100	9.2	4-20	23.8	10.3-51.8

WNWS holds a temporary authority to broadcast with 25,000 watts' power, because of Cuban interference - in the form of a steady tick - tock sound. The signal is produced by a solid state CSI 25 kw transmitter, and a CSI 10 kw backup is available.

The wet ground in the Everglades, rapidly being developed by people moving into this wilderness from the congested Dade County area, is popular as transmitter sites. A 5 tower array for WVCG-1080, and WQBA's eight towers are located nearby. WVCG offers a popular Reggae music program during morning drive, complete with traffic updates, and weather, and news, and the station formats ethnic programming the rest of the day. WQBA, a 50,000 watt news and information station for the Cuban community, has consistently been at the top of the Arbitron ratings in the Miami market.

WNWS, today, is a very popular station, because of its lively, interesting, and provocative programming, and its through coverage of area and national news.

Hearty thanks are extended to WNWS engineer Robert "Sandy" Powell, who spent a good deal of time assembling information on the early history of WNWS. Sandy provided all of the material for this profile.



WNWS COVERAGE MAP - DAY AND NIGHT PATTERNS

Kahn Stations Use C-QUAM Tone

by Alex Zavistovich

Syracuse NY ... Two Syracuse AM stereo stations which have used a 25 Hz pilot tone to transmit stereo broadcasts with Kahn/Hazeltine ISB equipment may have inadvertently lent support to a National Telecommunications and Information Administration (NTIA) recommendation to protect AM stereo pilot tones.

Motorola, which uses 25 Hz as the pilot tone for its C-QUAM AM stereo system, has recently voiced objections about use of the tone by WSYR and WAQX, upstate New York stations which broadcast using the Kahn/Hazeltine ISB stereo system.

However, a CE from one station maintains that the practice, since discontinued at both facilities, was employed only to improve the fidelity of the transmissions.

Spokespersons for WAQX could not be reached for comment. However, the station reportedly tried and ceased broadcasting with the C-QUAM pilot tone over a year ago. WSYR's experiment ended more recently, in September.

The NTIA had suggested protection of the C-QUAM pilot tone in a report on AM stereo, issued this summer.

Turning on the fidelity

WSYR CE Dave Solinske acknowledged that his station had, from 2 through 14 September, experimented with the 25 Hz tone to "turn on" fidelity of its signal, at 570 kHz.

Solinske said the WSYR was not concerned with stereo imaging when it conducted the tests. Rather, he said, the station was "looking for the best of both worlds"—maintaining the Kahn RF spectrum while opening the high fidelity bandwidth on AM stereo receivers.

He added that having the pilot tone activate the C-QUAM mode in receivers was "incidental," and not an objective in the test.

Solinske stated that the triggering of the C-QUAM stereo light was "unfortunate," adding that the fault lay not with WSYR, but with AM stereo receiver manufacturer's designs.

C-QUAM AM stereo receivers on the market give the impression, he said, that Kahn, Harris, or monophonic transmissions have poorer fidelity than C-QUAM. He added that the 25 Hz tone has a "dual purpose" and should be allowed by the FCC to be used by mono stations to open the bandwidth for improved fidelity.

Use of the 25 Hz tone did improve fidelity for WSYR, Solinske said. However, he said that in the fringes of its RF area WSYR's transmission induced "objectionable hiss" in stereo, which prompted discontinuation of the experiment.

WSYR originally chose the Kahn/Hazeltine ISB transmission system because a similar hiss was present in weaker coverage areas when using C-QUAM equipment, Solinske noted.

John Marino, VP/Engineering for NewCity Communications, which owns WSYR, was unavailable for comment.

Degraded stereo reception

Motorola's AM Stereo Broadcasting Manager Chris Payne noted that using the C-QUAM pilot tone with Kahn transmission equipment would result in degraded stereo reception.

Because the tone also illuminates the stereo light on receivers, Payne was concerned that listeners might be misled into thinking that a C-QUAM station was performing unsatisfactorily.

Payne said his company has "worked to build C-QUAM AM stereo transmission and reception equipment of the highest technical quality."

"When someone causes our receiver to come up in stereo decoding an incorrect transmission, the sound is nowhere near what the system is designed to do," Payne commented. The reproduced stereo signal would lack true spatial orientation, he said, and would sound "smeared."

The result would be unnecessary expense incurred by the consumer, the receiver manufacturer and Motorola, "for an exercise which is basically invalid," he added.

Payne said a listener's introduction to AM stereo "ought to be a dramatic and impressive change" from the performance the consumer was used to in monophonic AM. He said such a change would not be possible if a Motorola receiver was decoding a Kahn transmission.

Use of one pilot tone with a different stereo system is an "extremely self-defeating thing to do," Payne continued. He stressed the practice was not in the self-interest of the station, the best interest of the consumer or the industry.

Payne declined to comment on whether Motorola would pursue the matter any further.

Legalities uncertain

The legalities of the practice by WSYR and WAQX remain largely undetermined. FCC spokespersons maintained that, in the strictest sense, some violation of the FCC rules may have taken place.

If a pilot tone is used which is different than the pilot tone for which a station's equipment authorization was granted, the station may be in violation of Part 73.128 of the Rules, according to Frank Rose, of the FCC's Office of Engineering Technology (OET).

The problem, Rose said, is that the equipment being used may be different than that specified in the station's type acceptance application. However, because the FCC now allows any kind of AM stereo, such a distinction is not "black and white," Rose continued.

OET would consider such a case an operational problem, he said, which would then be directed to the attention of the Mass Media Bureau or the Field Operations Bureau.

Bill Hassinger, engineering assistant to the chief of the FCC's Mass Media Bureau, stressed that the practice undertaken at WSYR was not a sanctioned FCC experiment.

Hassinger said the Commission "does not encourage" such a practice. However, he added, in light of the fact that both WSYR and WAQX have discontinued using the 25 Hz pilot tone while transmitting in Kahn/Hazeltine ISB stereo, the FCC would probably not become involved.

Leonard Kahn, president of Kahn Communications, declined to comment on the case to RW.

Regardless of the legality or propriety of using a 25 Hz pilot tone while transmitting with Kahn gear, the practice has given some credence to an NTIA recommendation that the FCC protect the pilot tones of AM stereo systems.

The recommendation was part of an NTIA study on AM stereo released 12 August. The study also concluded that multisystem AM stereo receivers would be an impractical method of promoting AM stereo technology.

At the time, Bill Johnson, then acting chief of the Mass Media Bureau, commented that there was some question as to "what the FCC would be protecting the pilot tones against."

The sentiment was echoed by many others in the broadcast industry, who maintained the NTIA's suggestion was too vague.



GRAVEYARD DX ACHIEVEMENTS

William R. Hale

Distance Records for 1230, 1240, 1340, 1400, 1450, and 1490 KHz Frequencies

1490 KHz - Prior to Jan 1, 1960
Date of last update: Jun 14, 1987

Table listing radio stations, call signs, locations, and frequencies from 1490 KHz. Columns include call sign, state, location, name, and frequency.

Table listing radio stations, call signs, locations, and frequencies from 1490 KHz. Columns include call sign, state, location, name, and frequency.

1450 KHz - Jan 1, 1960 to present

Date of last update: Oct 4, 1987

Table listing radio stations, call signs, locations, and frequencies from 1450 KHz. Columns include call sign, state, location, name, and frequency.

WANJ	M1	Adrien	Ron Musco	Hartford, CT	585
WAND		Manistique	Rodney Valdron	Petit Rocher	975
WMPX		Midland	Russ Edmunds	Parsippany, NJ	545
WLRC		Whitehall	Rich Eddie	St Louis	400
KXRA	MN	Alexandria	Russ Edmunds	Parsippany	1100
WLOX	MS	Biloxi	Bill Hale	Shallimar, FL	141
WCLD		Cleveland	John Wilkins	West Des Moines	556
WHOC		Philadelphia	Jerry Starr	Youngstown	740
WTUP		Tupelo	Ralph Sperry	Fairfield, CT	1180
KDHO	MO	Carthage	John Wilkins	West Des Moines	306
KTTR		Rolla	Karl Jeter	Atlanta, GA	500
KDRO		Sedalia	Carl Dabelstein	Lincoln	230
KBSO	MT	Laurel	Niel Wolfish	Winnepeg, MB	602
KBOM	NE	Omaha	Les Carpenter	Sandy	833
WEMJ	NH	Lebanon	Jerry Starr	Youngstown	511
WUSS	NJ	Atlantic City	Debra Hidden	Orlando, FL	860
KRSN	NM	Los Alamos	John Wilkins	Wheat Ridge	277
WBSS	NY	Amsterdam	Niel Wolfish	Toronto	274
WBTA		Batavia	Dave Yocis	Fairfield, CT	285
			Chris Lucas	Fairfield, CT	(Tie) 285
WKNY		Kingston	Morris Sorensen	Toronto, ON	303
			Niel Wolfish	Toronto	(Tie) 303
			Dave Fox	Reading, PA	325
WICY		Malone	Don Voorhies	Oswego, NY	168
WDLC		Port Jerviss	Don Voorhies	Oswego	79
WCDO		Sidney	Rodney Valdron	Petit Rocher	605
WOLF		Syracuse	Andy Rugg	Montreal	705
WSSB	NC	Durham	Russ Edmunds	Parsippany	425
WLOE		Eden	Tim Kerfoot	Weston	599
WFLB		Fayetteville	Dave Fox	Reading	370
WRNB		New Bern	Andy Rugg	Montreal	705
WRMT		Rocky Mount	Tim Kerfoot	Toronto, ON	655
WHSL		Wilmington	Gene Nix	Billings, MT	270
KNDK	ND	Hettinger	Morris Sorensen	Leaf Rapids, MB	710
KOVC		Valley City	Niel Wolfish	Toronto	347
WBEX	OH	Ciliclicthe	Chris Lucas	Fairfield	430
WJMO		Cleveland Heights	Tim Kerfoot	Weston	214
WOHI		East Liverpool	Niel Wolfish	Toronto	100
			John Malicky	Pittsburgh	100
WMOA		Marietta	Chris Lucas	Danbury, CT	510
WHRN		Marion	John Wilkins	Wheat Ridge	476
KOKC	OK	Guthrie	Rick Carr	Bloomington	470
KBIX		Muskogee	Mike Hardester	NAS Miramar	515
KBZY	OR	Salem	Chris Lucas	Danbury	510
WESB	PA	Bradford	Andy Rugg	Montreal	330
WAZL		Hazleton	Don Voorhies	Oswego	249
WJNL		Johnstown	John Malicky	Pittsburgh	209
WLPA		Lancaster	Andy Rugg	Montreal	387
WBCB		Levittown	Don Voorhies	Petit Rocher	695
WHRF		Lewistown	Rodney Valdron	Petit Rocher	825
WHGW		Meadville	Chris Lucas	Fairfield	215
WNBW	SC	Greenville	Robert Kramer	Chicago, IL	570
WHRB		Greenville	Rich Eddie	St Louis	570
KORN	SD	Michell	Andy Rugg	Montreal	750
WOPI	TN	Bristol	Carl Dabelstein	Lincoln	730
WDXB		Chattanooga	John Malicky	Pittsburgh	395
WITA		Knoxville	Tom Sundstrom	Willingboro, NJ	825
WDXL		Lexington	Bill Lackey	Kingsville, TX	190
KNOW	TX	Austin	John Wilkins	Wheat Ridge	548
KBST		Big Spring	John Wilkins	Wheat Ridge	341
KQTY		Borger	Gary Atkins	Louisville, KY	680
KDOK		Tyler	Les Carpenter	El Toro	610
KVOG	UT	Ogden	Rodney Valdron	Petit Rocher	480
WKVT	VT	Brattleboro	Chris Lucas	Fairfield	195
WFAD		Middlebury	Rodney Valdron	Petit Rocher	370
WIKK		Newport	Rodney Valdron	Petit Rocher	395
WYKR		Wells River	Andy Rugg	Montreal	525
WCVA	VA	Culpepper	John Malicky	Pittsburgh	238
WPAK		Farmville	Andy Rugg	Montreal	605
WVEC		Hampton	Ron Musco	Windsor	425
WAYB		Waynesboro	Robert Wien	San Jose, CA	765
KVAC	WA	Forks	Dave Holten	Spokane, WA	74
KNCW		Grand Coulee	Mike Hardester	NAS Miramar	590
KLOG		Kelso	Rodney Valdron	Petit Rocher	1030
WXIT	WV	Charleston	John Malicky	Pittsburgh	72
WTCS		Fairmont	Jerry Starr	Youngstown	220
WLOH		Princeton	Stephen McIntire	Des Moines, IA	675
WSEB		Sutton	John Wilkins	West Des Moines	250
WGEZ	WI	Beloit	Jerry Starr	Youngstown	580
WLCX		La Crosse	Carl Dabelstein	Lincoln	430
WIGM		Medford	Sharon Skowera	Southwick, MA	800
WYTL		Oshkosh	Gene Allen	Vallejo	985
KIML	WY	Gillette	Neil Wolfish	Winnipeg, MB	708
KOJO		Laramie	John Wilkins	Wheat Ridge	163
KGOS		Torrington	Hank Holbrook	Chevy Chase	1600
WHDD	PR	Fajardo	Dave Holten	Spokane	129
CKO01	NC	Osoyoos	Christian Dehaes	Chicoutimi	182
CKMV	NB	Grand Sault	Rodney Valdron	Petit Rocher	182
CKVH	NE	Grand Forks	Rodney Valdron	Petit Rocher	195
CKEN	NS	Kentville	Chris Lucas	Troy, NY	495
CKAD		Middleton	Don Voorhies	Oswego	136
CKOA	ON	Arnprior	John Wilkins	West Des Moines	691
CHYM		Kitchener	Don Voorhies	Oswego	52
CFRC		Kingston	Dave Fox	Reading	410
CFPS		Port Elgin	Tim Kerfoot	Weston	301
CKLR	PQ	L'Annonciation	Christian Dehaes	Chicoutimi	150
CKBM		Montmagny	Niel Wolfish	Toronto	724
CJMC		Ste-Anne-des-Monts	Morris Sorensen	God's Narrows, MB	510
CJSN	SK	Shanavon			

by Cesar Objio

Following our DXpedition into the country in order to check all Dominican stations in the Medium Wave for up-dating the WRTH, Franklin and I headed this time northwest, that means, with Monte Cristi as a goal, 270 kms away from Santo Domingo, no miles in this country, think metric.

The date was August 15 and, surprise, my wife said she wanted to go too. A big interrogation mark sprang up over my head as she doesn't like DXing, but she soon added, "as you are going through Santiago I can stay at my sister's home". I was relieved. So we all packed up and at two on Saturday afternoon we departed for the northern part of the country.

As usual tangos and orchestral recorded music on cassettes was our main entertainment on a direct trip to Santiago which we covered in 2 hours and 30 minutes due to the excellent highway.

After leaving my wife and kid in Santiago, Franklin and I continued for Monte Cristi. The road was so long and smooth that you could even fly low at 100 kms an hour, but we didn't we wanted to DX after arriving.

What a difference with our trip to Jimani, this road was lonely but good. Just before arriving we heard on the car radio a station with a good signal on 1380 with Greek music, very beautiful. No ID was heard for about half an hour. We arrived at Monte Cristi and on a side street we found Radio Monte Cristi- 630. As we were about to enter the building where the station was located, we heard the ID, "Ici La Voix du Nord-Ouest emittant de Port de Paix sur la frequence de mille trois cent quatre-vingt kiloHertz". That was a new station not listed in the WRTH.

In a pleasant talk with the speaker we got all the information we needed and he even helped us calling all hotels in town in order to find us a place to spend the night, but he only got "no vacancy" answers. All places were full as it was a Saturday night and also 'party night'. But we were recommended to a small place with a kind lady which reminded me to Agatha Christie.

We got not one room but two with a bed, mosquito net and a revolving fan on a table for each one. Yes, we found water for a bath even though not from the shower. There was a big plastic pail on the bathroom floor filled with water. You used a smaller plastic jar to help yourself. But it was much better than in Jimani.

After that we went around the city just to take a look and select our listening post, also a place for a quick snack.

As some cities in the world are easily recognized with a building, a tower or a mountain. Examples: New York with the Empire State Building or the World Trade Towers, Paris with the Eiffel Tower and Rio de Janeiro with the Sugar Loaf, so Monte Cristi has the Morro, this is a small mountain emerging from the sea almost separated from the land which can be seen from far away, about 2 kms north of the city: there is also a big clock mounted on a four foot iron tower some 30 meter upward on a park surrounded by an iron fence. We did not choose this one as the light was too weak. Then we found another park with a metal post and four reflectors directed to the center of the park where there was a semi-circular cement place. There I sat and started DXing. Within two minutes Franklin came to me and said, "I have just finished". I was surprised, but he said that he could not hear any FM stations through the dial, that was unthinkable with so many FM stations in the country. Anyway I continued scanning the MW band. I got some good catches, like R. Cristal-740, David, Panama with a 3 (S-code), WBBM Chicago-780 (4), La Exitosa-800, Chitre, Panama (4), PJB off, R. San Andres Is.-910 (3) wonderful, first time I catch this island.

Despite these catches I wasn't satisfied stations delayed a lot to ID and I wasted too much time waiting for an ID, they just played music on and on. Some people crossed by the park mostly on their way home to go to bed and stared at us as strange people doing nothing at the park after midnight. There was a man who came to us with the intention of asking what we were doing, but he saw we were listening to radios and introduced himself as the park keeper 'appointed by the government' then he sat on a bench and stayed there watching us for about half an hour, later on he decided to leave the place as he seemed to get tired. Our patience was stronger than his.

At three a.m., we went to bed both of us disappointed. I awoke at seven and right on the bed I started DXing. Stations around were coming in very good as I did not waste time. We left early and returned to the park to DX again.

We were at the park till about eleven a.m. and I checked all stations in the area around. Then we visited the Morro under a thin drizzle. At noon we decided it

Well, Graveyard Fans, that's 1490 for all to see. All the records are up for grabs, so check your logs to see if you can match or beat any of them. The TOTALS column will wrap up this cycle of GYDXA. That's where everybody's totals on each GY channel are presented. So if you have updates since a year or so ago, or are new to this, get your totals in to GY HQ pronto.

was time to continue our trip down to Dajabon, where we visited two stations: R. Marien-1260, a move from 1490 and R. Beler-1000 (sorry, not R. Mil), then to Sabaneta under heavy rain and over a dirt road where we went to R. Zamba studios-680. Our last town was Mao, where there were two stations: R. Mao-700 and R. Santa Cruz-880 with the highest tower on the north west: 240 feet as told by the speaker who was watching TV while the station ran unattended, yes, they were broadcasting a cock fight from the town of Esperanza, some 10 kms away, just imagine that. From here we returned to Santiago and back to Santo Domingo.

Here is the list of stations heard in Monte Cristi. As usual the number after the station is the signal strength in SINPO code. N= night and D= day.

540 R. ABC (N3/D5) - R. Penija (N3)
 550 "YUKE Mundial" (N3) - WPAB (N3)
 560 R. Ritmos, Santiago (N3/D4)
 570 R. Cristal (N3/D2) - R. Rumbos (N3)
 580 La Voz de la Fe, Maracaibo (N4) - R. Rebelde (D3)
 590 R. Continente, Caracas (N3) - Rebelde (N2) - time ticks underneath, R. Sta. Maria (D3)
 600 R. Rebelde (N4/D3)
 610 R. Accion, Santiago (N/D4)
 620 R. Rebelde (N3/D2)
 630 R. Monte Cristi (5)
 640 "Portenas Seis Cuarenta" (N2)
 650 R. Vision, Maracay (N3)
 660 R. Quisqueyana, Santiago (N4/D5) - R. Progreso (N2)
 670 R. Rumbos, Caracas (N4)
 680 R. Zamba (N/D5) - Rebelde (N2)
 700 J.B.C., Montego Bay (D2/N3) - Rebelde (D2) - R. Popular, Maracaibo (N2)
 710 WKJB, Mavaguez (D2) - R. Mambi (N3) - Rebelde (N2)
 720 R. Norte, Santiago (D5) - R. Jamaica (N2)
 730 R. HIZ (D2)
 740 R. Reveille, Cap Haitien (D5) - R. Cristal, David, Panama (N3)
 750 R. Alegre, Santiago (D5/N3) - J.B.C. (N4)
 770 R. Aguila, Santiago (D4)
 780 Ecos del Torbes, San Cristobal (N4) - WBBM, Chicago "Radio 78" (N4)
 790 J.B.C. (D1) - R. Reloj (N2)
 800 PJB (D2/N4). After PJB s/off at 0530 La Exitosa, Chitre, Panama (N4)
 810 R. Progreso (D3/N2)
 820 R. Santiago (D3) - R. Progreso (D1)
 840 R. 4VEH, Cap Haitien (D5)
 850 R. Clarin, Santiago (D3/N1)
 860 R. Progreso (D4) - R. Clarin (D1/N2)
 870 R. La Vega (D3)
 880 R. Santa Cruz, Mao (D5) - WCB3 (N3)
 900 R. Progreso (N3/D2)
 910 R. San Andres Isl., Colombia (N3) relaying a boxing fight at 0405 RCN
 920 R. Cap Haitien (D5) - R. Reloj (D2)
 930 Ondas del Yaque, Santiago (D5) - Cuba (N3)
 940 R. Reloj (N3)
 950 R. Popular (D1/N4)
 960 La Voz del Atlantico, Puerto Plata (D2) - R. Reloj - (D1)
 970 R. Variedades, La Vega (D2)
 980 Cuba (D4)
 990 R. Cibao, Santiago (D3)
 1000 R. Beler, Dajabon (D4) - RCN Cartagena, Colombia (N3)
 1010 R. Comercial, Moca (D3/N4)
 1020 "Mundial Margarita" (N2)
 1030 R. 4VEH, Cap Haitien (D5)
 1040 WJO Radio, Des Moines (N4)
 1050 La Voz de la Hispaniola, Santiago (D4/N3)
 1060 CMKS (D3)
 1070 CMKS (D3)
 1080 R. Nationale, Port-au-Prince (N4)
 1090 R. Amistad, Santiago (D3) - Cuba (D3)
 1100 Cuba (D2) [same as 1090]
 1110 Cuba (D1) [same as 1090]
 1120 Cuba (D1) [same as 1090]
 1130 R. Exitos, Santiago (D3)
 1150 R. Bayamo (D1/N3)
 1160 Radiolandia, Santiago (D3)
 1170 R. Soleil, Port-au-Prince (D2)
 1180 R. Manti, Marathon (D2) - P. Mil, Santo Domingo (N3) (s/off at 0603)
 1190 R. Azul, Santiago (D3) - WOWO, Fort Wayne (N3)
 1220 R. HIN, Santo Domingo (D1)
 1230 La Voix de l'Ave Marie, Cap Haitien (D4)

1240 La Voz de Puerto Plata (D2)
 1260 R. Marien, Dajabon (D5)
 1330 R. Haiti Inter, Port-au-Prince (D3)
 1350 RTVD, Monte Cristi (5)
 1380 La Voix du Nord-Ouest, Port de Paix (D4)
 1420 Cuba (D2)
 1460 La Voix du Nord, Cap Haitien (D5) - R. Turks & Caicos (D4)
 1500 Cuba (D1)
 1510 R. Pueblo, Santo Domingo (N3)
 1540 R. Bahamas (D1)
 1570 Atlantic Beacon, Turks Island (D/N5)
 1590 R. Hit Musical, Santiago (D2)
 1610 Atlantic Beacon, Antigua (N5)

Topeka Capital-Journal, Friday, November 6, 1987

Topeka targeted by FCC for one of 38 new stations

By LINDA LAIRD
Capital Journal TV Time editor

Here's a golden opportunity for those interested in radio.

WANTED: Individual or group wishing to submit an application to the Federal Communications Commission on or before Nov. 24 in order to seek a construction permit for a new FM frequency that has been offered to Topeka.

If you've just been cruising along in your car listening to radio all this time, wishing for that big chance to own your own station, here's the opportunity. But those planning on making application to the FCC may want to take a long, hard look.

This new frequency has been allocated to Topeka in a lottery of sorts. The FCC had 80 new channels that it decided to "drop" into some 689 communities across the country.

The lottery for these "drop-ins" began in 1985 as part of the FCC's Docket 80-90.

Here in Topeka, the commission opened the "filing window" on Oct. 21 for a Class A FM station on 92.5 megahertz. A Class A station usually transmits with 3,000 watts of power from a 300-foot or smaller tower with a signal that will cover a radius of 15 miles. Anyone wishing to apply must submit application to the FCC on or before Nov. 24.

According to a spokesman for the commission, 38 stations have been allotted to communities with hopes that those being offered would reach 40 by the end of 1987 — that's 40 of the 80 that will be placed.

Local broadcasters contacted said they expect many applicants from other places, but the FCC's intent with this frequency drop-in is for local residents without broadcast experience to have the opportunity to get into the business of providing music and information over the public airways.

According to information from the commission, any individual or group may file for the channel. The filing fee is \$1,800. If more than one applicant files, and the proceedings go to a hearing, each applicant must be able to pay a \$6,000 hearing fee to the FCC.

Information provided by a Washington attorney specializing in broadcast law indicates that other expenses include legal fees that start from \$2,000 to \$5,000 for assistance with preparing an application and run to \$20,000 to \$75,000 if the applicant must go through the comparative hearing.

The cost of a consulting engineer who must prepare the technical portion of the application is from \$1,700 to \$4,000.

Once an applicant earns the con-

struction permit, he or she must pay for land to place the tower and studios and for the actual construction. These costs average about \$275,000 for a Class A station, according to information from Washington.

One group in Topeka is considering the possibilities of owning an FM radio station. A member of the group, Sherman Parks Jr., is an attorney who was involved in the application process several years ago when he and his wife applied for a Topeka UHF television channel.

"The group is made up of several people who have been involved some with the Cushinberry Park Association," Parks said. "We're people who have long wanted to have a radio station in town with our kind of music and programming."

Parks said the group has met to discuss the possibilities and will meet again. "Right now, we just don't know if we are going to be able to find the funds to take on such a project."

Parks said he feared that "this type of radio station would be like founding a weekly newspaper where you work real hard and can feel satisfied, but it may not show any profits."

"Though the group that Parks is a part of represents an ethnic minority, a spokesman for the FCC said the channel is not intended to be merely for minority applicants.

The number of applications and who they might be will be unknown until after the filing window closes Nov. 24, the commission spokesman said.

Parks said the group had also talked about the possibility of taking over WREN-AM, which went silent in September after 61 years of broadcasting. The cost of acquiring an existing license is often even more expensive than filing for a new one, he said.

Paul Swearingen



WKYR

Wonderful Kentucky Radio
P.O. Drawer AB
Burkesville, Kentucky 42717

Paul Swearingen

3132 S.E. Irvingham St., Topeka, KS 66605

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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I guess everyone's busy DX'ing, huh? Of course! The few Musings this time are dedicated to all NRC'ers living west of Topeka, and your next deadline (11-28) will be for your Christmas (yes, that's right!) wishes, to be printed in the Dec. 14 issue. Then we skip a week, and your following deadline (Dec. 15) will be for your New Year's DX resolutions. Dec. 19 will be the deadline for you country folks (living in non-incorporated areas) and Dec. 26 for us city slickers. If you're 21 or under, get ready for the Jan. 2 deadline, and those of you over 65 (if you admit it!), Jan. 17. And Jan. 16 is the issue dedicated to former/present broadcasting media employees, which is always fun. And now ... on with it!

Bob McCoy - 4618 Cooper Ave., #6 - Lincoln, NE 68506

Well, it's good to see that the Editor has oved back to the center of things, even though he picked a state without a college football team. (New ... Pittsburg State is mauling all comers, hi! -pls) At least he's close. (Yeah! Let's plan on a GTG sometime, somewhere soon! -pls) I thought I'd break the absence from the Musings with an occupational re-intro for members living north and west of Topeka. I'm 41, single by virtue of the court, and have been a member since 1975. For the past couple of years, I have been employed by Pinkerton Security Services, so I am paid for being up all night. The only problems are that this gives me very limited access to a radio, and of course, low pay.

I really enjoyed last DX season, as it was different than the others had been. New things showed up on the former clear channels, and there's improved reception from the Caribbean. I managed to add St. Kitt's, Turks & Caicos, and Jamaica to my log last season. Total Domestic heard is now over 1100, states still at 45, and countries heard is now at 23. Receivers here are Panasonic RF200, 12-655 TRF, a digital Superadio, and an FRG-7 with a dead SM-2 antenna. The Superadio has great sound and digital readout but is clearly inferior to the Panasonic or TRF; the frequency display circuit adds a distinct noise. Locally, KIMS-1480 has changed formats from vintage r&r to "New Age" music. This is a blend of soft rock, jazz, Space music, and etc., such as Mannheim Steamroller. I like it and think the sound quality is great; I would like to try an AM stereo receiver with this. 1250 remains a potential DX target here, now that WREN is quiet, but local KPOR-1240 makes that a little tough. KLANG-1560, Council Bluffs, IA went quiet after its owners started up KKAR-1180 (licensed to Bellevue, NE; offices in Omaha, transmitter near Council Bluffs). Here, I locally have a mixing product to clutter things up. At least my schedule seems to favor some SRS and SSS DX this season. All the Best and 73's.

Bob Foxworth - P. O. Box 714 - Upton, NY 11973

I ended my last Musing talking about AM Stereo. I never got around to building a circuit using the Motorola MC-1302P AM Stereo decoded IC which I got from Circuit Specialists, and when I read that Radio Shack was having a clearance on their AM Stereo tuners, I decided to take the lazy way out and picked one up. Fortunately, there is an external ant. connection on the back (a low-Z coupling link around the ferrite rod) which turns out to be essential for good "DX" reception or, for that matter, anything other than your closest daytime locals.

The analog slide rule tuning scale is good to maybe 30-40 kHz accuracy; the knob is small and hard to turn comfortably. The line outputs drive a small amp nicely, and monitoring was done with good stereo headphones (Sony MDR-5 dynamic). I found maybe 15 stations that present well enough to light the stereo indicator and nearly a third to a half are talkies that are either uninteresting in a stereo-listening sense or have inadequate separation. Probably half of those stations are heard only at night and suffer varying forms of interference to the stereo signal such as fading and co-channel QRM. It happens with C-QUAM that any cyclic fading, whether QSB or a VLF heterodyne, will easily cause the stereo to unlock and default to monaural, and it takes about three seconds to recapture lock. Even in the absence of a strong enough problem to cause unlock, a VLF heterodyne, which DX'ers like to call SAH (sub-audible heterodyne) will generate noticeable "platform motion" in which the two sources (L and R) appear to rotate around the listener at the fade rate. About half the signals heard here, especially on freqs such as 790 and 1010 demonstrate this. Moreover, there is only one station heard here that has really good separation, and that is WNNR-1220; they are rock oldies which I don't spend a lot of time with, and after mid-afternoon they become quite jumbled with QRM. I can hear them in the evening (being just across L. 1 Sound) but the QRM is only down 6 to 10 dB. WEBZ, for instance, is stereo, but they are always heard with talking, and so forth, not an interesting stereo target. So I think AM Stereo is facing an uphill battle, hi. I had thought WBT was stereo but they don't come in C-QUAM.

I have three pairs of Collins mechanical filters, types 455214 and 455215 in the metal F case. They are symmetric USB and LSB and are intended for SSB reception. They would make a nice independent sideband IF strip if you can reinsert the carrier, as 455.0 is about -30dB down the respective skirts. I swept them with a HP-3577 network Analyzer, and they seem to be within normal specs for passband ripple and skirts. I might be coerced into

letting a pair go as I will never use more than one pair. They came from the defunct FT/WSL station, and their point-to-point ISB HF exciter units.

Finally, will end with a word of congrats to Ray Moore of Walpole with the electrifying news of his logging the Australian RPH stations in MA! which is certainly a notable achievement. Exciting DX for me recently has been logging Portugal through CHIN, which really fills up that freq; I had always thought an ECNA logging of 6WF-720 Perth, W. A. at winter sunset was possible, but now it seems hopeless. Add me to the Ham List - K2EJH active 40 cw and 2m FM. 73 for now.

Roger Winsor - 727 S. Wisconsin Ave. - Hobart, IN 46342

A couple of new additions to the log, plus a shift in radio stations is what's been happening on this front. New stations are WWII-720 10-29 at 0506 with W-2 ID coming out of news; and WDOU-1120 VA at 5 pm s/off with SSB, ment. 1 kW, so that CP is already on. They were in nicely in a nulled KMOX with GOS mx.

Cx at SSS have been quite hot lately. On the job front: WNDZ is a daytimer, so I have been shifted to weekends only, thus opening up the chance for me to be the morning man at WAKE-1500 from 0600 to 1000 daily. I am really enjoying the shift; I like getting off at 1230 p. I am working 7 days a week, but the bucks will be nice, come Christmas. They have Swap Shop on daily and I have already bought a two-year-old color TV for \$50.00, trx to the pgn. It works great!! By the way, WAKE does use their 2.5 watt power listed in the log. I have heard it in Hobart several times, about 14 miles away. It really seems odd to hear your voice faintly in the background mixing with KSTP. Lately WTOF has been coming in again instead of KSTP.

Can anybody help me out? I have been hearing what sounds like WLKM on 1510 playing old rock u/WLAC, but WLKM is a daytimer in MI. This is in the evenings around 8-9 pm. The FCC continues to amaze me with their stupidity in granting a CP for 640 in Zeeland, MI, 1/5 kW UI and another up the highway 150 miles or so near Traverse City 10/1 kW U4. I am really glad I got KFI verified. Oh, yes, one last thing. After just over a year, a verie was received from KNBR from 10-22-86 DX in Champaign, so veries now stand at 1224, total hrd at 2999. PS: In addition, 11-1 good cx to TX, and logged R. Festival, KSAH-720 to 6 pm pattern change. 11-2: WIND-560 was off until 0500 - only KLVI heard. Gud DX ...

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

Greetings. Oops, guess I missed the "What's my job" issue, and after it was my suggestion. Oh, well. I am employed as Production Manager at WHOT AM/FM where I have been happily employed for 25 years! I'm also self-employed in several aviation enterprises. DX has been nil since last Muse, as summers have become so busy for me the past few years. The onset of cold wx will find me warming up the rx once again. One v/l has been received from KJEL-750 for a 1986 report with no f/up; better late than not at all. Went to DE for the NASCAR races at Dover recently and had a chance to visit several times with NRC'er Dave Schmidt. Speaking of travel, welcome back to KS, Paul; bet you feel more at home now, right? (Yep; took me five minutes to get used to Topeka, hi -pls) Ed Krejny and I spent a day in Topeka (not by choice) on the way to the CO convention a few years ago. We got to visit the State Capitol grounds and a nearby muffler shop. Need I say more? Well, I've wasted enuf space; will Muse again when there is some actual DX to report. Will be talking to some of you guys on the Ham bands. 73.

Paul Swearingen - Topeka, KS

Have heard a carrier on 756 several times, most recently today (11-9) but never strong enough to pull out audio, and as I listen around 6 am I'm short for time to spend on it (not to mention the neighbor turning on a raucous fluorescent light at the wrong times). Also - have consistently forgotten to mention that I have heard just above 830 kHz what sounds almost like computer data transmission. I thought it was local interference (which I do have around 800-810 kHz) but I heard the same thing in New Mexico, and Dave Schneider reports hearing it in New York. It loops SE - is this something from Cuba? Have I not been paying attention and missed someone else mentioning it before?

The absence of WREN on 1250 hasn't make this frequency a DX'er's paradise - nothing seems to emerge from the jumble long enough for an ID or even anything recognizable.

I would like to see a midwest GTG before the weather gets bad - I could host up to about a half-dozen, unless someone else wants to volunteer with more room. Otherwise I would probably wait until March-April for one here; I'm still unpacking boxes! 73.

REPORTERS:

EM-NC Ed Mitkus//Zionville, NC//RF-2600 w/LW, SM-2 (PM:10/30 REC:11/3)
 KG-PA Kermit Geary//Walnutport, PA//HQ-180, R389, HRO, LwS, SM2 (PM:11/3 REC:11/4)
 HJH-PA Harry Hayes//Wilkes-Barre, PA//Superadio + SM-2 (PM:11/4 REC:11/5)
 JHD-PA John Demmitt//Bellefonte, PA//ICF-SFW (PM:11/2 REC:11/5)
 WPF-IN Wendell Ford//Westville, IN//ICF-2010 (PM:11/4 REC:11/6)
 JM-PA John Malicky//Pittsburgh, PA//Superadio II (PM:11/4 REC:11/6)
 DLH-IN Dave Hascall//Fortville, IN//DX-400 + loop, Superadio (PM:11/3 REC:11/6)
 JB-TX Jim Boehm//San Antonio, TX//Superadio II + 18" co-ax loop (PM:11/4 REC:11/7)
 GV-PA George Vanish//Truckville, PA//RF-2600 w/LW, car radio in garage (PM:11/5 REC:11/7)
 GH-KS Gary Houdek//Munden, KS// (PM:11/4 REC:11/7)
 WRH-NY Bill Hale//Johnson City, NY//Superadio, RF-2800B barefoot

73, Bill