



DX NEWS

The magazine of the
National Radio Club

— SINCE 1933 —

Volume 56, No. 26 - Monday, May 29, 1989 (ISSN 0737-1659)

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From the editor ...

Once again, we have an embarrassment of riches in that a number of columns and features will have to be postponed until the June issue. I decided that splitting up Bob Harrison's radio history of New York (p. 22) would be a mistake, and so it is reprinted intact, one of the longest articles ever to appear in DXN. I hope you enjoy it as much as I did.

I'm also postponing until June complete details of all the conventions ... ANARC's will be held July 14-17 at St. Petersburg Beach, FL; IRCA will meet in Sacramento, CA June 30-July 2; and NRC's of course will be in Topeka, KS September 1, 2, and 3, the same weekend as Topeka's Railroad Days celebration, for those of you who would like to bring the rest of the family and have more than radio topics to enjoy.

From the Publication Center comes word that the **NRC FM Station Address Book, 2nd edition**, will be delayed due to a large amount of last minute address and other changes. The book, scheduled for release in early April, was delayed until approximately mid May. For those that have already ordered, your order will be mailed as soon as the book becomes available. The price, by the way, is still the same as the first edition.

Also, it is still not too late to send to HQ or Jerry Starr those station address changes, for the FM book or for the AM log book. Take a peek at your local phone book for station addresses; or for those of you that get back QSL cards, jot down those addresses and get them to HQ. Thanks.

Also, from the Publication Center, the 2nd Updater for the AM RADIO LOG book will be out in mid May. We are still getting letters/postcards asking when the 1st Updater will be out... The answer is in your AM RADIO LOG book! An order

form showing the dates of all the Updaters is included with your **AM RADIO LOG**. You can order this item, as well as any item, by using your VISA/MasterCard!

News from HQ: Fred Vobbe is replacing Wayne Heinen (who had to step down due to his job's heavy workload) as the voice heard on the PR tidbits over HCJB and other shortwave stations. Thanks, Wayne, for your hard work in getting the word out about the NRC.

From the NRC Publication Center comes word that a case of 8th Edition AM Radio Log books have been found, and if you want to purchase one as a sample to give to an aspiring DXer or to a radio station, send \$5.00 (check or money order - don't send cash) or call the Charge Card phone number and order a couple. The Pub Center address is on p. 47 with the phone number.

They joined ... Mike Oswald, Houston, TX; Tom Sanders, Grand Blanc, MI; Richard Faloney, Hershey, PA; Ron Walling, Vienna, VA; John Sypek, Putnam, CT; David Bechtel, Kirkland, WA; Bob Post, Boise, ID; J. Michael Graves, Norfolk, VA; Steve York, Melbourne, FL; Charles Gauthier, Brossard, PQ; Douglas Gault, Kingston, ON; Wil-

(continued on page nineteen)

DX Time Machine

From the pages of DX News

Twenty-five years ago ... From May 16, 1964: HJNX-670 Medellin, Colombia, asked when the station could present a DX test for the NRC ... Ross Hinsch, Madison, WI said that he was impressed with many of the NRC members, adding that he started BCB DX'ing in 1921 at the age of 13 ... new member Gordon Nelson checked in from Watertown, MA, with catches from AFRS-1425 Thule, Greenland and KGBS-1020 Los Angeles on 3-30 ... and new member Walt Breville, Watertown, NY, added catches from his self-built Knight R-100A.

Ten years ago ... From May 7, 1979 ... Hank Wilkinson, Santa Rosa, CA, checked in with a logging of 2 kW Madan-864 Papua New Guinea on 4-5 ... Carl Dabelstein, Overland Park, KS bagged #2000 with a v/ from KXVQ-1500 ... Jerry Robertson, Crosswell, MI was collecting radio day patterns for a possible Day Pattern Book.

Publication Schedule, Volume #56

Issue #	Deadline	Masthead Date
27	June 17	June 26
28	July 15	July 24
29	August 12	August 21
30	Sept. 16	Sept. 25

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

AM Switch

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

Status changes in AM stations, supplied by the FCC and NRC members

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
680 WRVR TN Memphis	WGID	1270 WEDD MA Fairhaven	WLAW
720 KGVV CA Templeton	KVGR*	1300 WNFO LA Baton Rouge	WKJN
*New WA Long Beach	KSWX	KSNW NE McCook	KBRL
950 WXGI VA Richmond	WJDK	1320 WWGN NC Washington	WTOW
XEGM BCN Tijuana	XEKAM*	1340 WYOM PA Wilkes Barre	WOLZ
960 WGRR AL Prichard	WLPK	1390 WPKO OH Bellefontaine	WHLI
990 WNEZ SC Aiken	WKXC	1400 WALE MA Fall River	WHTB
1000 WTRU FL Jupiter	WZIP	WPOZ WV Clarksburg	WOBG
KJJT TX Odessa	KNDA	1430 WWBA TN Germantown	WEZI
1030 *New IN Union City	WBYG	1450 WJBX CT Bridgeport	WCUM
1130 KVOJ TX Edna	KTMR	1490 WNYR NY Syracuse	WNNR
1190 WSCM NY Cobleskill	WBYM	WMRB SC Greenville	WPCI
1230 WRRX AL Tuscaloosa	WRLX	KEYU TX Austin	KMOW
KBSR MT Hardin	KKUL	1530 WHYP PA North East	WRKT
1240 WWLB FL Eustis	WKIQ	1550 WAAY AL Huntsville	WAAJ
WVKZ NY Schenectady	WWWD	1560 WBES SC Clemson	WCCP
1250 KCIW AZ Wickenburg	KTIM		

*Notes on calls: KVGR-720 was listed by one industry source as being in GA, obviously an error. We don't normally list Mexican changes but have included the one on 950 since this station is programmed toward the San Diego market and has switched from SS music to Financial News Network in English. And finally, be aware that the owners of KRZN-1150 and KJIM-760 in the Denver market are expected to swap facilities. While this has not yet been made final, you might expect to see the calls swap frequencies also before the next edition with KJIM ending up on 1150 and KRZN going to 760.

APPLICATIONS FOR NEW STATIONS

1160 OH Batavia: 1000/400 U2
1200 KY Pleasure Ridge Park: 5000/250 U4 (amends previous U7 application)
VA Powhatan: 25000/250 U4
1270 NY Lansing: 1000/670 U4
1400 MI Sault Sainte Marie: 250/250 U1

GRANTS FOR NEW STATIONS

740 WA Buckley: 5000/500 U4
820 VA Cloverdale: 2300/200 U4
1570 FL Pensacola Beach: 5000/500 U4

APPLICATIONS FROM EXISTING FACILITIES

540 WYLO WI Jackson: powers to 400/400 (amends pending night application)
800 KINY AK Juneau: day power to 10000
810 WDDD IL Johnson City: night power to 400
860 KUTR UT Salt Lake City: reduce day power to 10000, CH power to 3000
960 WORR PR Quebradillas: powers to 5000/5000, antenna to U3
1050 KNOB CA Frazier Park: power to 10000
KOFY CA San Mateo: night power to 5000
WQWM WI Kaukauna: add 500 watts nights
1190 WOOO FL Royal Palm Beach: night power to 1000
1200 KYOO MO Bolivar: reduce power to 1000, antenna to D1
1270 WNOG FL Naples: night power to 5000
WWES VA Hot Springs: day power to 5000
1410 KRML CA Carmel: reduce fulltime CP powers to 2500/2000
1470 WFSR KY Harlan: to 970 kHz with 5000 D1
1600 KSSA TX Plano: city of license to Cockrell Hill, TX

KRTH

AM 930 **101 FM**
 5901 VENICE BOULEVARD
 LOS ANGELES, CALIFORNIA 90034

GRANTS TO EXISTING FACILITIES

1600 AM
 1020 SOUTH MANCHESTER AVENUE, ANAHEIM, CA 92802

540 WWCS PA Canonsburg: day power to 7500, changes in antenna system
620 KIPA HI Naalehue: change location of this synchro XR to Pakini
650 KMCE CA Rancho Cordova: relocate XR
730 WACE MA Chicopee: add 500 watts nights, antenna to U2
740 WVCH PA Chester: power to 50000, antenna to D3
760 WAFK AL Spanish Fort: city of license to Saraland, AL, relocate XR
830 WWMO NC Eden: relocate XR for 830 kHz CP (station still on 1130 kHz)
870 KPRM MN Park Rapids: day power to 25000, relocate night XR, U4
KAAN MO Bethany: reduce power to 930, changes in antenna system
900 WSEA DE Georgetown: changes in antenna system (remove one tower)
980 WWRC DC Washington: antenna to U4
1010 XREG AZ Tolleson: day power to 7500, antenna to U4
WINS NY New York: relocate XR
1020 WPJC PR Adjuntas: antenna to U2
1060 KFIT TX San Antonio: power of synchro XR to 1000 D3
1080 WRYT LI Edwardsville: add 337 watts nights
WNCR NC St. Pauls: power to 50000 (25000 CH) antenna to D3
1110 KHAC AZ Window Rock: to 880 kHz with 10000/430 U1, city of license to Tse Bonito, AZ/NM? (We have seen FCC releases listing Tse Bonito as both AZ and NM. Since the station is right on the border of these states and we can't find Tse Bonito on any map so far, we'll have to leave it unsolved til next time)
1140 KLTK MO Southwest City: reduce power to 210
1180 WLRG SC Timmonsville: relocate XR (still a CP)
1190 WMIW SC Atlantic Beach: antenna to D1 (still a CP)
1240 WOCB MA West Yarmouth: changes in antenna system
1290 WGLI NY Babylon: reduce powers to 265/265 U1 (is this the first step? see WGLI entry in Otherness two issues ago)
KLVS OR Lake Oswego: relocate XR (station is presently silent)
1300 WLNC NC Laurinburg: to 940 kHz with 5000/1000 U2
1380 WYSH TN Clinton: relocate XR, night power to 290
1400 KMIN NM Grants: to 980 kHz with 1000/250 U1 (returns to former frequency)
1410 WZAL GA McDonough: night power 60 watts
KGRN IA Grinnel: reduce power to 300
WCMT TN Martin: changes in antenna system
1430 WWLO FL Gainesville: relocate XR
1450 KJUN WA Puyallup: to 1440 kHz with 5000/2000 U4
1490 WNNR NY Syracuse: to 1510 kHz with 50000 D3
1570 WRHD NY Riverhead: relocate XR
1590 WKTP TN Jonesboro: relocate day XR to site of night XR, antenna to U4
KELP TX El Paso: antenna to U3, relocate XR
1600 WIDU NC Fayetteville: day power to 5000, antenna to U3

OTHERNESS

570 WTKN FL Pinellas Park: application to move to Tampa, FL DISMISSED
WGMS MD Bethesda: had been 1000/250 U1 due to wind damage to towers, is now back to full 5000/1000 facility
610 KSPN CO Vail: station is SILENT
640 WGST GA Atlanta: station is presently simulcasting on both this frequency and 920 kHz pending a permanent move to this frequency
830 WWMO NC Eden: station was about ready to move here from 1130 kHz when Castro cranked up Radio Taino on 830 kHz. They have applied to relocate the 830 XR but are now taking a "wait and see" stance.
840 WKTR VA Earlysville: new station is ON THE AIR with REL format
WTLI WI Plover: request for extension of time for this new CP DENIED
870 WQRX AL Valley Head: 10000 watt CP is on the air
890 WLJD VA Falmouth: application to change from D3 to D1 DISMISSED
920 WGST GA Atlanta: the aborted sale of this facility appears to be on track again, expect a new call here soon (see 640 above)

NEWS 74 KCBS

ONE EMBARCADERO CENTER
SAN FRANCISCO, CALIFORNIA 94111
PHONE (415) 775-4000/CBS OWNED

4

- 940 *App NC Fort Bragg/Pembroke: applications for new stations in these cities have both been DISMISSED
- 1050 KMBA NM Los Ranchos de Albuquerque: silent station is back ON THE AIR
- 1100 *App NV Las Vegas: application for new station DISMISSED
- 1150 WNET MD Gaithersburg: station is SILENT
- 1200 WMXA IL Chicago: new station is testing ON THE AIR
- *App VA Powhatan: application for new station DISMISSED but applicant has filed again for this facility (see Applications in this issue)
- 1230 KKUL MT Hardin: silent for short period as KBSR, is back on the air with simulcast of 95.5 FM
- 1360 WWBZ NJ Vineland: station is SILENT but expects to return in July 1989
- KRGL OR Myrtle Creek: FCC has revoked their license, silent since 1986, scratch this one from your Log.
- 1370 WBYE AL Calera: station is SILENT
- KQIL CO Grand Junction: application to move to 880 kHz has been DENIED in the same action granting KHAC-1110 to move to 880 kHz
- 1410 WZAL GA McDonough: station is now here ex-1540 kHz
- 1450 KSEL NM Portales: silent station is back ON THE AIR
- 1480 WJRW VA Richmond: if you have been following the sad saga of this one-time Richmond powerhouse, here's the final chapter. They first applied to reduce night power, then asked to drop it altogether and become a daytimer. As the financial crunch got worse they took the station off the air altogether. The call was given to another group which used it when they reactivated the silent 1320 facility in Richmond. The call for 1480 was changed to WJRW with a hoped-for sale never took place. The owners of the 1480 facility have now allowed their application for license renewal to be DISMISSED and have no plans to ever return it to the air. We also understand that their magnificent antenna site is already being dismantled. Station WBBL which shared 1480 for two hours each Sunday is also no more. The Grace Covenant Presbyterian Church, licensee of the WBBL calls, had shared 1480 since 1924 to broadcast their worship services. These services are now carried on 1320 but as a regular church "remote" without the WBBL calls. A major broadcasting giant and one of the rarest DX catches are both gone. It is a sad moment indeed. So long, old friend.
- 1550 KOZR CA Apple Creek: new station is ON THE AIR
- 1580 WJTX IL Urbana: application for 1000/500 has been DISMISSED

THANKS

The following NRCers have contributed Otherness items: DAVE SCHMIDT, WAYNE HEINEN, and DANA YEOMANS (a member of the DX Audio Service who passes along his info on the informal NRC Net Sunday nights on the 75 meter Ham Band) And speaking of that....

NRC NET

A number of members who are also Hams have been meeting Sunday nights on 3.840 at 8:00 PM ELT. The Net normally moves up to around 3.860+ if members check in with a General class license (3.840 is in the Advanced portion of 75 meters). Although the conversation often turns to non-DX subjects, many participants use the occasion to pass on AM DX and NRC information. All NRC member/hams are invited to check in. If you are General class, monitor 3.840. Usually within a half-hour the Net moves to the General portion of the band. Recent check-ins have included NRCers DICK TRUAX, DAN PHILLIPS, BILL MARVIN, STEVE KENNEDY, DANA YEOMANS, JERRY STARR and some I've probably missed. If you are a Ham operator, please JOIN IN and ragchew about the BC.

73 and Good DX, *Jimmy & BK* Jerry Starr & Buffalo K. Foonman

Domestic DX Digest - East

William Hale
734 Burlison
San Marcos, TX 78666

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

MEDIUM WAVE ramblings

- Well, we made it to Texas. Yes, Laura, since it's in the Central Time Zone, I still get to be your editor. By the way, the dividing line for the two DDXD columns is the line between the Central & Mountain Time Zones. I get Eastern stuff. Nancy, the Western. Since we've found a house, please send your loggings and tips to me at home at: 734 Burlison San Marcos, TX 78666 as the P.O. Box will be closed out soon.
- Now that we're on the Summer schedule, I can't emphasize enough the importance of getting your DX and tips here by the deadline. Several of the loggings this issue would have been in last time, but arrived the Monday after the deadline. So, what say have been a great logging or a good tip has had to wait a whole month for publication and, thus, loses its timeliness. So, c'mon, allow that extra day or two for the mail to get through. Upcoming deadlines are: (Saturdays all) June 10th, July 8th, August 5th, and Sep 9th, closing out Volume 58. PLEASE remember to report in ELT (which is EDT now!), include date & time info, separate your loggings into the categories you see here, type or PRINT neatly, and send your International stuff to Chuck. He needs the work.
- Berry Shine!! reports also hearing Radio Japan on 1020 (see TIS, Issue 24). He heard a positive ID NHK etc, so something's going on here. If anybody is able to shed some light (or Lite-hi) on this, let us know.
- Word from Frank Wheeler is that the new 1480 in Erie was to sign on about May 1st, closing up that channel for him, but giving everyone else a new station to log. And a new Graveyarder as well!
- Charles Rah writes to say that the schedule for KJAN-1220 Atlantic, IA is mistakenly identified in the log as that for KOUR-1220 Independence, IA. So make that change to your log, and maybe Mikee is reading this too. (He does the log-hi)
- Even though John Wilkins lives in Colorful Colorado, he reports hearing some CL changes in Special, TIS stuff, and just plain good ol' DX while he was on a trip back East. Specific locations weren't supplied.
- The Eric Buensman-KXEN saga continues. A formal proposal has been offered to the KXEN owners, as well those of KATZ-FM, Alton, IL & KATZ-AM, St Louis. The ultimate goal...making an AM-FM combo out of 1010 and 100.3. Stay tuned.
- One ever-so-slight cosmetic change has been made to the column this issue. Can you spot it?? And don't count spelling errors! And, no, there aren't any prizes!!

SPECIAL

WBBF 95AM

- 640 WPBD GA ATLANTA - 4/29 is on 24 hrs with WGST-920 audio; obviously WGST is testing as WPBD IDs are inserted over WGST's @ :00 & :30 only; has been going on for several days and judging from the signal level when compared with 920 (WGST is still here as well), they are running the full 50 kw during the day; this may clear up any confusion as to whether WGST has moved or not (not yet...!); no anct has been made on WGST yet... (KJV-GA) [Also reported by EB-GA-Ed.]
- 710 KBXG CO DENVER - has Talkradio format format & Oldtime Radio on Sundays; ex:KBPI (0W-CO)
- 730 CKDH NB DAUPHIN - 4/7 0533 is now 24 hrs, carrying Night Country-070009CKHW-1870 (SA-NB)
- 920 CKNX ON WINGHAM - per anct, they are on 24 hour sked, effective 5/1 (CR-ON)
- 970 WNIV GA ATLANTA - sked is 0600-2400 (EB-GA)
- 990 WLDX AL FAYETTE - 3/18 1036 pgs Remember When at Ten (C&W Oldies); ad for Jackson-Ott Funeral Home; AM 990; ex:WVWF (0W-AL)
- WWEZ SC AIKEN - 3/28 1003 with EZL ex, pgs note for Master Control; ex: WAKN (0W-SC)
- 1010 WGUN GA ATLANTA - is now MSP (EB-GA)
- 1040 WQBB TN POWELL - 3/30 1700 with ID: Finetune your dial to Knoxville's finest, WQBB; Satellite Nc, area nx; VG signal @ Smokey Mts Nat'l Park, elevation 6000'; ex:WBZW (0W-NC)
- 1170 WLGO SC LEXINGTON - 3/29 1012 with slogan: The bright sound of memories-OLD ex; then REL pgs @ 1030; ex:WXAX (0W-SC)
- 1220 KOUR IA INDEPENDENCE - per GM, sked is 0600-2400, nite power is 166 watts, and the simul with 95.3; Nick Deu sez sked given in Log is actually for KJAN (DB-IA) [Yes, see SPECIAL in Issue 29 for a note on this, which I inadvertently left out some of the good stuff-Ed.]

CJRB MB BOISSIVAIN - 4/2 0820 good to 0828 with REL pgs in German, then once again 9050 & 1250 (SA-MB)

1230 WODE SC COLUMBIA - 3/25 1335 with OLD mx, ad for U.S. Air Force; ex:WNOX (0W-SC)

1280 WRIE PA ERIE - 4/17 0110 way under WNDE with OLD & end of contest promo; This may be your day to win on Oldies Radio, WRIE; ex:WHDZ; let's see...the WLKX CLs went from 1280 to 1400, WEYZ went from 1450 to 1330 and WRIE went from 1330 to 1280; Erie's version of musical charis? (CR-ON)

1270 WYYN FL TALLAHASSEE - 3/28 0521-0601 noted with Motivational format from the Winner's News Network, legal ID @ :00 We're talking success on AM 1270, WYYN, Tallahassee, the motivation stn+WNN Nx; ex:WTNT (JH-SC)

1280 WSVE FL JACKSONVILLE - 3/28 2035 with assorted REL & health features, PSAs, ID @ 2055; The radio stn with the words of wisdom, we're WSVE Jacksonville; fair @ St George, SC; ex:WKOZ (0W-SC)

WWTG MN MINNEAPOLIS - 4/8 2228 noted with ID, Oldies in WMRO null; ex:KSNW (0W-IA)

1290 WCHY GA SAVANNAH - 3/20 2040 with C&W mx, simul of Y-94 FM; hrd @ several locations in GA/SC @ nite; ex:WWSA (0W-GA)

KLEH IA ANAMOSA - sked is 0700-2210 (DB-IA)

1330 WSSY IL EVANSTON - contrary to what I reported last issue, this one now seems to have gone fulltime with a Jackyl & Hyde format of REL during the day (at least in the morning) and hrd ROK @ nite when they ID as:G-Force 1330, WSSY, Evanston-Chicago, If it's too loud, you're too old; I must be too old (CR-ON)

1350 WGSW SC GREENWOOD - 3/24 1758 with ads, rap mx; 1902:synthesized ID; Power 1350 WGSW, then more rap; ex:WQXJ (0W-SC)

1360 WZPQ AL JASPER - 3/18 0818 with assorted mx, ads, wx, sps; 0845-0859; Daily Devotion pgs; 0859 ID:WZBQ Jasper, 2-1360; ex:WWSB (0W-AL)

WKAT FL NORTH MIAMI - 3/22 1700 ad for World on Ice @ Miami Arena; 1701 ID:This is WKAT, N. Miami-Miami Sch-?, EE ads+Haitian Creole language with mx, chat, ads for Little Haiti Art Gallery + others; fair on peaks with QRM; interesting (0W-GA)

WGNN GA LAWRENCEVILLE - 3/22 1818 with traffic, ads, mx, ad for City Nix; fair with WKAT QRM; ex:WLAN (0W-GA)

WKHI HI KALAHAZOO - 4/25 1925 noted with OLD & non-IDing as:WKFR FM103 (103.3 in Battle Creek); I don't believe there has been a CL change, but have been unable to catch a legal ID, so not really positive (CR-ON)

1370 WHNY SC ELLOREE-SANTEE - 3/28 1800 with ID, CNN Nx+R&B/Soul mx; ex:WQZS (0W-SC)

1380 WCQL NH PORTSMOUTH - 4/7 now IDing as 95.3 Cool; still OLD; wx:WQHI (SH-MA)

WTOO NC ASHEVILLE - 3/19 1948 inspirational mx by request @ 252-1380; Christian Family R. slogans; 2000 ID:mx to enjoy, words to live by, 1380, WTOO, Asheville; MBS Nix; ex:WRAQ (0W-GA)

1440 WSIG GA BRUNSWICK - 3/19 2028 ad for Ace Fashions, R&B/Jazz mx; ex:WBSA (0W-GA)

KJLO LA MONROE - 3/15 2125 with C&W mx, female DJ; simul with F-JC< FM; ads for places in Monroe & Oak Grove; legal ID @ 2201:K-104 is KJLO AM & FM, Monroe; good on peaks in Eastern Arkansas; haven't seen this CL change listed anywhere; ex:KWEZ (0W-AR)

1450 WCUH CT BRIDGEPORT - 4/18 signed on @ 1000 today, IDing as Cumbro Radio, with SS mx & loud SS IDs; ex:WJDX; will be 24 hrs, NSP; there goes 1440-1480 here! (TF-CT)

WXCH SC CHARLESTON - 3/28 1832 with REL mx, ads, community bulletin board, AM 1450 slogans; ex:WVHT (0W-SC)

1480 WYZE GA ATLANTA - sked now is NSP (EB-GA)

1490 WHLS GA MONROE - 3/23 0805 with OLD, Take your radio to work contest promo; ex:WRED (0W-GA)

1510 WKKU MA BOSTON - 4/3 now C&W & non-simul with FM; ex:WSSB (SH-MA)

1540 WGRU NC CHARLOTTE - 3/28 1738-1818 noted with B:Cont Chr mx & many IDs like:1540 AM, The all-new WGRU in Charlotte; CLs stand for Word Of God Radio; ex:WQCC (JH-SC)

1550 WNTA GA AUGUSTA - 3/18 1854-1704 medical talk, ads, legal ID as:The CSRA's (Central Savannah River Area) new source for business nx, info & the best talk, Talkradio 1550, WNTA, Augusta+BRN Nix; ex:WTHB (JH-SC)

KZQQ UT WEST VALLEY CITY - 4/3 0725 feded up over KFST with CLA mx, CLs @ 0728, more mx; no longer Z-Reak for sure!!; good (SA-MB)

1560 WPAD KY PADUCAH - 4/17 0200 with sign-off after Best of King; gave sign on as 0700 ELI; used to carry IRN & Fred Sanders; after sign-off, both KCJJ & XEFAJ in nicely (CR-ON)

1570 WBEE IL HARVEY - unsure of what log sez, as brother tells as they sign off at 0100 (KO-IL)

1590 WZRZ MS JACKSON - 4/13 running AM with MeVL with CL only hrd @ :00; rest of the time, it's called 1590-AM; format change (CR-ON)

1600 WCGO IL CHICAGO HGTS - 4/9 noted still on @ 2345, waited out talk show until midnight, then owner Tony Santucci with sign-off; called them after work 4/11, Jim Crockett told me they started nite ops last week; unsure of power, couldn't tell if the listed 23 watts of Mar '88 is accurate; sure sounded like full power (KO-IL)

HARMONICS

3180 KNUZ NM ALBUQUERQUE - 3/28 2145 2nd harmonic, S-4 on R-71A meter; Saturday Nightcap pgs, a review of week's nx; ad for AM DRAMA TAPES, Box 759, Tampa, FL+Fri/Sat nx, ad for People Magazine & Snooze Alarm, Box 7000, Tampa, FL 33873; stn promo for CBS Sports; legal ID @ 2200; You're tuned to KNUZ, K-News, AM 1580 in Albuquerque; log lists as U1 10000 40!? Operator error? (JB-TX)

UNIDs AND UNIDs IDd

1010 UNID ?? - 4/19 0854 poor with Fred Sanders Show, IDs, C&W mx HKTWO-1030; no ID caught (SA-MB)

1150 UNID ?? - 4/3 0317 good with Best of King, under CKX (SA-MB)

1180 UNID ?? - 4/19 2020 playing OLD & non-IDing as The New Cool 1180; hrd a sign-off @ 2020, possibly them; under WHAM (CR-ON)

1400 UNID ?? - 4/5 0855 poor with nx about the Arlington Nuclear Trial (SA-MB)

UNID ?? - 4/6 0548 with nx, wx for the U.S., ad for Wall Street Journal & PSA for AIDS; American Sunrise Pgm, more nx & You're listening to the Sun Radio Network; good (SA-MB)

UNID ?? - 4/28 0855 fair with farm nx; 0859 local ad for John Deere Farm Equipment in Aurora Springs & Lindy??; no ID @ :00; feded @ 0702 (SA-MB)

1410 UNID ?? - 4/5 0725 with ad for happy hour @ Tickler's on North Monroe St followed by non-ID Pure Gold 1410, WS??, where the hits just keep on comin' (CR-ON)

1450 UNID ?? - 4/24 0845 poor with wx with temps near 45C; AM 1450 KCDI? non-ID; looped south; not KQDI (SA-MB)

1550 KFST MO ST JOSEPH - 4/4 0858 my unID of last time, I suppose they are now C&W mx; ABC Nix @ 0702-0703, then local nx, wx & sports to 0707+more C&W mx; new CLs & format; MO #39; good (SA-MB)

1560 UNID ?? - 4/8 0725 fair with American Radio Network, tax pgs, no ID to fade @ 0735; looped S&W (SA-MB)

1570 UNID ?? - 4/1 0458-0503 weak, with female, ROK mx Hit Me With Your Best Shot, rock DJ with Digital 103.9 mention; legal ID unclear, then FM 104 mention+Tiffany's I Saw Him Standing There; WRHD? (BH-NJ)

DX/EQUIPMENT TESTS

870 WHAQ IL CHICAGO - 4/3 0128 noted testing only with OC; strange to not hear a news ticker here; TT @ 0130, back on RS @ 0300; when off the air, Cuban was 6 dots (WPF-IN)

720 WGN IL CHICAGO - 3/19 0208 end of nx & chiropractic PSA, then sign-off snnot said even though they were off the air, a full staff would man the newsroom in the event of important nx, otherwise would return @ 5 AM local+vocal SSB and completely off @ 0208 (WPF-IN)

1280 WCFSt CT WESTPORT - 4/17 0204-0231 & 0301-0307+ fair, under WWDC with TIs, CIDs,, but no VIDs (BH-NJ)

WCFs CT WESTPORT - 4/17 0219 with ID; This is standard broadcast stn WCFs, 1260 in Westport, CT conducting XR test only on April 17, 1989; started out with TT and snnor saying 400 Hz, then others up to 12.5 kHz; ID @ 0230 then mx and many TV themes; 0237 had left & right channel check; strong most of the time; lat-timer (WW-MA)

1300 WZZZt NY FULTON - 5/1 [7-Ed.] 0323:30 & 0328:30 very weak with CID, no audio heard; channel dominated by WQBK, with WERE in 2nd place (RUGG-PQ)

WZZZt NY FULTON - 5/1 0300-0330 with CIDs noted under WFBR, but no VIDs heard (BH-NJ)

1420 WIMS IN MICHIGAN CITY - 4/3 0257 noted testing with OC; WHK running then over (WPF-IN)

1440 WNYG NY BABYLON - 4/17 0232-0300 not heard (BH-NJ)

1520 KOLH MN ROCHESTER - 4/3 0300 testing with OC, ID right @ :00; The oldies channel for Southern Minnesota & Northern Iowa, back to OC (WPF-IN)

TIS & OTHER

- 530 KNJX885 MD (near) HANCOCK - 4/5 1308 1-minute looped tape with Construction info (mowing operations); still audible @ Cumberland city limit; announc'd address as: Maryland Hwy Admin, 1221 Braddock Rd, Lendale, MD (0W-MD)
- KNJX885 MD SUGAR LOAF MTN - 4/5 1152 (15 mi south of Hagerstown on I-70) with relay of NOAA wx stn WXM42 (182.475 MHz); 4-min loop tape with wx conditions & 4Casts (0W-MD)
- TIS NY NEW YORK - 4/1 0808 very weak with loop tape: Welcome to Kennedy Airport. This is a test of the Port Authority's new traffic advisory and airport information radio; also send regular broadcasts would begin in a few weeks (BH-NJ)
- TIS OH (Near) London (I-70 rest area - 4/7 1028 1 1/2 minute tape loop on attractions in Montgomery & Green Counties; fair, mixing with aerobeacon "HEH" (Newark, OH) on 524 kHz (0W-OH)
- WNHW463 VA PRINCE WILLIAM COUNTY (I-86 Welcome Ctr) - 4/1 1500 1-minute tape loop with info on Manassas Battlefield + museums in area by female (W-VA)
- UNID ?? - 4/5 0311-0325+ only audio was a repeating message: Testing message #342? This is message #2; no CJFT, only slight T-Storm static; same thing next 5+ nights; looped NW+SE (WPF-IN)
- 1810 TIS GA LAKE SIDNEY LANIER - 4/15 0150 with dea info, operated by U.S. Army Corps of Engineers, Mobile (AL) District; fair+poor with Caribbean Beacon (EB-GA)
- KIE718 NC GREAT SHOKEY MTS NAT'L PARK (Oconaluftee Visitor Ctr) - 3/30 1500 1 1/2-minute tape loop with info on historic farmstead & road conditions; about a 4 mile range (0W-NC)
- KIE723 TN GREAT SHOKEY MTS NAT'L PARK (Sugarlands Visitor Center) - 3/30 1720 1 1/2-minute tape loop (different from above) with wx advice, farmstead & campground info; good signal with another TIS weak in background (there are several in & near the park) (0W-TN)

STEREO LIGHTS LIT

- 550 WDUN GA GAINESVILLE - 4/7 1842 very good with local nx block, local ads; now in C-QUAM * (EB-GA)
- 580 WKHX GVA ATLANTA - 4/10 0048 noted testing in C-QUAM * (EB-GA)
- 1080 WDJX KY LOUISVILLE - now in C-QUAM * (EB-GA)
- 1230 WFOH GA MARIETTA - 4/9 1200 noted testing in C-QUAM * (EB-GA)
- 1520 WSPZ GA DOUGLASVILLE - now in C-QUAM * (EB-GA)
- 1580 WKTP TN JONESBORO - now in C-QUAM * (EB-GA)

MIDNIGHT TO MIDDAY

"Gospel 96"

- 530 CJFT ON FT ERIE - 3/24 1149 good with Oldies & standards; ad for Graham Chrysler in Welland (HF-MI1)
- 580 WHBQ TN MEMPHIS - 4/16 0808 Million * Weekend Mx+ID+call-in (458-8858); alone on frequency, last hrd 1982 (DV-NY)
- 570 WKBN OH YOUNGSTOWN - 4/17 0308-0332 with Best of King, promo for Radio 57 morning team, wx, ID+MBS Nx; fair with WMCA off, and OC (BH-NJ)
- 580 WOW NE OMAHA - 4/18 0813 good with ID+Washington State Apples ad+wx (DV-NY)
- 800 WMT IA CEDAR RAPIDS - 4/18 0604 on top with ID+local & state nx (DV-NY)
- 820 WSKQT NJ NEWARK - 4/21 0228 with SS CHR; only one listed in Log with * and this format; fair+poor with intermittent *CHMDA (EB-GA)
- WTHJ WI MILWAUKEE - 4/21 0235 popped up under CHMDA with talk (EB-GA)
- 880 KTNH AZ WINDOW ROCK - 4/7 0319-0406+ with Tony Russell & IRN; in surprisingly good, had to turn Sony to 859.2 to get away from 'MAQ splash, though over WFAN; NBC Nx @ 0400, 7 seconds ahead of KDKA's NBC feed; hrd on vacation in Phoenix & Albuquerque, but 1st time here (WPF-IN)
- 710 KBXG CO DENVER - 4/8 0808 good+fair with American Radio Network, Paul Mitchell? Morning Show from Baltimore, phone 1-800-TALK-21; KBX-710, in touch with the world, KBXG, Denver ID @ 0700+QNN rx; 0708+KXBG Talk R. 7? non-ID & local rx; new, CO #19 (SA-MB) [Was it KBXG or KXBG??-Ed.]
- 740 WGSN NY HUNTINGTON - 4/15 0840 briefly with ID, Nat 'King' Cole song (LMc-NY)
- 800 WLAD CT DANBURY - 4/1 0545-0805 good with instrumental version of a Beatles tune, repeated many times, then eight days a week in AM Stereo, the nation's only all-Beatles stn & legal ID+local rx; ladies & gentlemen, you're listening to the all-Beatles stn, and the ID+Beatles record; par varie, this was an April's Fool Day joke; stn returned to AC format @ 1800 (BH-NJ)
- 830 WLND OH CORTLAND - 4/18 0717 good with ID: We're the new WLND (DV-NY)

- 840 WVPO PA STROUDSBURG - 4/18 0639 briefly surfaced with TC: It's 6:39 @ 9 WVPO; under WHAS (DV-NY)
- 870 KPRH MN PARK RAPIDS 4/11 0842 good with SSB sign-on & info by female; 15 Kw days, 1 Kw nites announc'd+NBC Nx; new sign-on time & net (SA-MB)
- 880 WHNC NC HENDERSON - 4/2 0752-0757 with Bulletin Board pgs with PSA's, giving address as in log+B:GOS, wx (JH-SC)
- 900 CKBI SK PRINCE ALBERT - 4/11 0848 strong with 900 CKBI ID [I guess you could call that an ID in Canada?!!-ED.]; local ads, Music Radio Network slogans+AC mx; alone (SA-MB)
- 930 WAUR IL SANDWICH - 4/21 0659 ending The Fred Sanders Show with announc'd Tune in again tonight @ 11 O'Clock when we will hear again from the good folks at the Interstate Network. Stay tuned next for ABC Entertainment News from AM-930, WNUV, Sandwich, IL; with WELI null'd, and just over QNS (CR-ON)
- 980 KMA IA SHENANDOAH - 4/13 0133 XLNT with 15th inning of Baltimore @ Kansas City BB marathon; DJ later said it was the 1st time KMA had been on past 0100 in several years; XEK noted underneath (RD-IA)
- KZIM MO CAPE GIRARDEAU - 4/25 0129 with wx, & The News Station, KZIM Cape Girardeau+Talknet; good with fair * over WERC/Cuba/others (EB-GA)
- WPCN PA QUANTICO - 4/2 0017 very good, but battling WELI with OLD; slogan; your sports leader in the Poconos, 980 AM; fluttery signal, fadey; 1st-timer; also noted 4/12 2240 (WW-MA)
- 970 WFLA FL TAMPA - 4/1 0851-0703 with ads, Newsradio 970, WFLA non-ID+talk, Paul Harvey promo, Newsradio 970, WFLA, Tampa Bay SID+NWS (JH-SC)
- WAVG KY LOUISVILLE - 4/25 0109 good with fair *; ROK OLD, ad for National Tax Training School, Department of Education PSA, The New Wave 970 non-IDs; no LK, Talknet (EB-GA)
- WWDJ NJ HACKENSACK - 4/2 0100 poor & fadey, mixing with an unID with a REL pgs; WWDJ Hackensack ID (WW-MA)
- 980 CHTX PQ MONTREAL - 4/13 0524 with CHR & slogan: Montreal's 980, it's a better mx mix. Up next, Gary James.; over WONE/WWRC, with no sign of usual CFPL (CR-ON)
- 990 WWCH MI YPSILANTI - 4/21 0705 poor with nx of Jackson & Ypsilanti; under WEZO (DV-NY)
- WZZD PA PHILADELPHIA - 4/21 0843 with TC, ID; fair under WEZO (DV-NY)
- 1010 KHLT AR LITTLE ROCK - 4/1 0200 with AM 1010 is KHLT Little Rock, Arkansas+NBC Nx; carrying IRN; poor with some QRM (BES-VA)
- 1040 WSGH NC LEWISVILLE - 3/30 0830 with sign-on over WHO; said they were owned by The Winston-Salem-Greensboro-High Point-Airy Radio Inc (their business card must weigh 5 pounds); no ment of Lewisville; gave power as 10 kw; seemed too strong for 250 watt CH shown in Log (maybe it's 2500 watts); plays GOS mx (CR-ON)
- 1070 KNX CA LOS ANGELES - 4/20 0839 good with KNX Newstime is 3:39+local nx by man & woman (SA-MB)
- CHOK ON SARNIA - 4/22 Midnight with Newstheat, female announcer: It's 12 midnight, and I'm June Benjamin for CHOK News; totally dominant, no sign of KFBI (PLS-KS)
- 1080 WVKV WV HURRICANE - 4/27 0721 poor, but over WOAP/WEPP with mx pgs called Country Gospel & ad for business in St Albans; heavy CHOK/WCAR splatter (CR-ON)
- 1110 CKTY ON SARNIA - 4/10 0225 fair in KFAB SP with C&W mx & wx+ad for furniture store (RD-IA)
- 1140 KGEN ID BOISE - 4/2 0803 good with United Stns Nx, K-gen stock mkt report promo; The Original Hits Stn 1140 KGEN+MOS & EZL mx; format & nx change??; new, ID #11 (SA-MB)
- 1150 WDEL DE WILMINGTON - 4/22 0840 good with contest promo, Chicago song (LMc-NY)
- 1180 WOBH NJ LAKEWOOD - 4/24 0302 good, mixing with WJJD with local nx, Day & Nite playing the best in country mx & Star Country promos (LMc-NY)
- 1180 WLDS IL JACKSONVILLE - 4/12 0859 good with sign-on info, wx, CBS Nx (new net); no SSB heard (SA-MB)
- 1270 WNOG FL NAPLES - 3/25 0859-0700 legal ID: When you need to know first, 1270 AM WNOG, Naples+CBS Nx (JH-SC)
- WLBR PA LEBANON - 4/9 0045 with new & old ROK; strong with slight fading; race results also noted; full sign-off @ 0100 with 5kw day and 1kw night powers noted; 1st-timer (WW-MA)
- 1280 WGBF IN EVANSVILLE - 4/15 0221 with ROK, G&P non-IDs; simulcasts WGBF-FM 103.1 Henderson, KY; good, with fair * (EB-GA)
- WPXY NY ROCHESTER - 4/10 0740 on top of usual WONW/WKST with a Cancer Society PSA & an ad for an audio store in Canadawig, NY; is#FH calling itself 98-PXY (CR-ON)
- WSSJ NJ CAMDEN - 4/3 0030 weak with WSSJ, hits of today & yesterday (WW-MA)
- 1300 WOOD MI GRAND RAPIDS - 4/19 0031 with quick ID & into Larry King (PLS-KS)
- 1320 WJAS PA PITTSBURGH - 4/9 0139 fair+good with MoYL with Net King Cole & Frankie Lane songs; comes in good now, maybe because CFQH moved to 840 (WW-MA)

WLEE VA RICHMOND - 4/8 0601 over usual WOBL with beginning of non-net nx; nx reader's nose sounded like Tia Roberts; believe they had just signed on a minute before and sounded like were running a full 5 Kw (CR-ON)

1340 WOYL PA OIL CITY - 4/20 0710 just over WEXL with HKY and Pirates BB scores followed by wx; 1st time hrd with these CLs (CR-ON)

WEPH WV MARTINSBURG - 5/8 0318 up thru the mess with nx, promo/ID, C&W mx; 1st-timer! (LMC-NY)

1350 WOYK PA YORK - 4/11 0811 on top of usual WSLR with contest promo: You can win cash on WOYK with "cash" stretched out taking about 3 seconds to say the word+irresistable You by Bobby Darin followed by sports (CR-ON)

1380 WBOB VA GALAX - 3/30 0728 on top with ad for US Savings Bonds+Maxine Nightengale song followed by annot We've got the hits from yesterday and today just for you here on WBOB in Galax, VA/nx from Virginia Nx Net; Log sez REL, but is AC at least part of the time (CR-ON)

1380 WMLP PA MILTON - 5/8 0555 good with OLD, Golden 1380 slogan (LMC-NY)

1400 KVOE KS EMPORIA - 4/5 0658 Country 14 KVOE+C&W mx, no nx (SA-MB)

KDRG MT DEER LODGE - 4/2 0735 good with ad for Sunshine Motors on Hwy 83 in Missoula; CLs+C&W mx (SA-MB)

KXGN MT GLENDIVE - 4/8 0555 fair with NOS mx, ID @ :00, KXGN, Glendive (SA-MB)

KCOW NE ALLIANCE - 4/3 0859 good with SSB sung by choir; ID+AI Nx, no sign-on info; new sign-on time (SA-MB)

1410 WSCW WV SOUTH CHARLESTON - 4/19 0731 popped out of the din long enuf for an ID; Through the Bible REL pgs was hrd a few minutes earlier & believe it was probably them, but may have been WRIS (CR-ON)

1440 WLXN NC LEXINGTON - 4/29 0704 with local nx followed by The WLXN Birthday Club; over WCHB/WHIS (CR-ON)

1450 WILM DE WILMINGTON - 4/29 0805 over/under WKIP with nx & wx (LMC-NY)

KRBN MT RED LODGE - 4/18 0731 poor with wx with several CL ments; new, MT #33 (SA-MB)

1480 WRDW GA AUGUSTA - 4/15 0159 with legal ID+UC mx (not REL...change your Log); simulcasts WRDW-FM 98.7 Wrens, GA (near Augusta); good with fair @ (EB-GA)

WHBC OH CANTON - 4/14 0043 poor with only 1480 WHBC noted (WW-MA)

1490 WMLS GA MONROE - 3/29 0322-0324 briefly good with OLD, promo about winning lunch for two @ Delio's Deli in downtown Monroe, with an AM 1490 WMLS non-ID, ment of the best variety of the golden songs from the 50s, 60 and 70s+more OLD (JH-SC)

1500 WLTA GA CLARKSVILLE - 4/10 0832 over WLQV with community bulletin board type thing called Church News; address to send items for airing same as in log (CR-ON)

WSMX NC WINSTON-SALEM - 4/25 0545 sign-on; address given as in Log; any way you look at it, they sign on too early for a daytimer...with no PSA, their April sign-on should be 0645 ET; with a PSA and no restrictions, sign-on would be 0800, and with a clear channel restriction it would be 0830 (WUP's LSR) (CR-ON)

WBZI OH XENIA - 4/3 0710 good with C&W & slogan Greene County Country-821; WLQV still on night facilities at the time; after weeks of running full power day & night while XR/tower work was being done, they probably got out of the habit and forgot (CR-ON)

1510 WAHT PA ANNVILLE-CLEONA - 4/28 0830 up briefly with clear ID in local nx, then gone (LMC-NY)

1520 WHRF MD BEL AIR - 4/1 (That great DX day B4 DST!) 0545-0555 atop with ROK mx, promo for WHRF BowlsRon @ Baltimore Avenue Alleys; no WKBD!! (TF-CT)

1530 KCLR TX RALLS - 4/8 0718 good with Ranchero mx; talk in SS about Ralls; alone on frequency (SA-MB)

1550 WCVL IN CRAWFORDSVILLE - 4/8 0558 good with nice male a capella SSB+sign-on (RD-IA)

KAKS TX CANYON - 4/8 0733 fair with OLD mx, male & female announcers; ID as: Amarillo's Original Old Connection; TX #24 (SA-MB)

KZQQ UT WEST VALLEY CITY - 4/3 0725 faded up over KFST with CLA mx; CLs @ 0728, then more mx; no longer Z-Rock for sure!! (SA-MB)

1580 WINV FL INVERNESS - 3/28 0803-0808 sign-on with ments of 1560 kHz, 5000 watts, and classic C&W mx; ID as AM 1560 WINV in Inverness+ syndicated GOS show (JH-SC)

WLJA GA ELLIJAY - 4/28 0805 ending CNN Nx followed by an ad for Mita copiers, then announcer Kenelour Stetler, Will Stetler with a kick of country & progress no; over unID REL stn (CR-ON)

1580 KFDF AR VAN BUREN - 4/8 0704 with This is KFDF, the voice of gospel mx for Van Buren & Ft Smith listening area+GOS mx; all alone (SA-MB)

WKKD IL AURORA - 4/13 0824 good with several local ads; Pure Gold 1580 & CL ments+OLD (SA-MB)

WLIM NY PATCHOGUE - 4/28 0835 fadey, with nx & wx+Frank Sinatra song (LMC-NY)

1590 WAIK IL GALESBURG - 4/10 just caught 0700 ID while waking up, +ABC Nx; signal good for a few minutes, then pieces of what I thought was KVGB-KS mixing; several IDs for 10 minutes 'til both faded; WAIK was a pleasant surprise; no WOXN, thankfully (KO-IL)

KNOZ MO ROLLA - 4/10 0251 good with ID; Welcome to another beautiful morning of mx on Simply Beautiful AM 1590, KNOZ+called by Elton John; almost sounded like they ran the sign-on cart by mistake (RD-IA)

KMOZ MO ROLLA - 4/10 0558 on top, with WAKR in a well-timed fade, playing Jean by Oliver followed by legal ID; This is KMOZ, Rolla (pronounced Raw-la); sounded like they may be satellite-fed; nice level for 85 watts; covered by strong OC right after ID which turned out to be WGG0 who signs on @ 0800 (CR-ON)

1600 WCZN PA CHESTER - 4/22 0825 poor briefly with ID, C&W song (LMC-NY)

KXEZ AZ SOUTH TUCSON - 4/18 0708 poor with Mexican-style mx, La Fiesta slogans; under KXRY; new, AZ #5 (SA-MB)

WSNX MI MUSKEGON - 3/20 0400 with ID; WSNX AM & FM, Muskegon-Holland-Grand Rapids; T40 Mx; still using these CLs (WPF-IN)

KDAK ND CARRINGTON - 4/28 0700 good with SSB, sign-on info; wx & C&W mx; Dakota Radio @ 16 non-ID (SA-MB)

WJQI VA CHESAPEAKE - 4/28 0853 briefly on top with The Joy-95 wx forecast giving temps for Virginia Beach & Newport News (and Fahrenheit too) (CR-ON)

WIDOW TO MIDNIGHT

560 WVOC SC COLUMBIA - 3/25 1918 live, pbp BB, USC vs Louisville; ads every 4 min for Ancient Mariner Restaurant, Alpha-Beta Systems, etc (0W-SC)

590 KLBJ TX AUSTIN - 3/21 with News-Talk 590 slogan; Bruce Williams Talknet promo; fair (HF-TX)

600 KESB ND JAMESTOWN - 3/28 2113 poor with female announcer; C&W mx noted with WTAC off; QRM from WHI/WICC/CKHV (HF-M1)

610 WIOD FL MIAMI - 4/1 1932-1955 ad+BB, more ads, promo with Newstalk R. 610 WIOD non-ID, back+BB (JH-SC)

900 KALT TX ATLANTA - 4/1 1945 fair in KJSK null with sign-off (RD-IA)

860 WWKO FL COCOA - 3/25 2002 with ID; This is WWKO, Cocoa-Titusville-Melbourne-Palm Bay+GOS mx; very good on peaks (0W-SC)

920 WHJJ RI PROVIDENCE - 3/29 1909-1912 fair+poor with promos mentg The talk of Rhode Island, WHJJ+SPT [???-Ed.] (JH-SC)

CJCH NS HALIFAX - 4/12 2220 strong, over local WHJJ with songs by Gino Vanelli & Bertie Higgins; non-ID 92 CJCH (WW-MA)

930 WBEN NY BUFFALO - 4/12 2235 with sports talk & slogan: One-on-one Sports; fair signal, over and battling WPAT-NJ (WW-MA)

WEOL OH ELYRIA - 3/31 2017 with non-ID; Stereo 9-3; ad for Stewart Appliance; EZL mx, Talknet promo; good (HF-M12)

940 WCSY MI SOUTH HAVEN - 4/18 2033 with The wx forecast from the Cozy-98 Wx-center+Eric Weissberg's Dueling Banjos; definitely said Cozy 98 (not 94), so must be an FM (CR-ON)

970 KQAQ MN AUSTIN - 4/8 1850 POP mx; 1700 Satellite Nx, then more mx; supposed to be carrying CBS BB game, but rain delay; ex:KQHR (0W-IA)

WBLF PA BELLEFONTE - 4/17 2051 on top with The greatest hits of all time, WBLF+Billy Stewart's Summertime; last time I hrd this stn was 25 years ago when they were on 1930 (CR-ON)

990 WVSC PA SOMERSET - 4/21 2000 with Phils BB; ID @ 2003, then gone; power cut? (DV-NY)

1000 WCCD OH PARMA - 4/17 2025 with REL mx+2030 sign-off; local ID, duel with Cleveland; good (DV-NY)

WIOO PA CARLISLE - 4/21 2008 ID as With best songs of yesterday & today; good (DV-NY)

1010 WFGW NC BLACK MOUNTAIN - 3/29 1820 last minutes of Billy Graham Pgs; 1829 wx, then sudden pwr cut; very good signal before cut, barely audible after; this stn has a special place in my heart-it was the 1st NC stn I ever logged (as a teenager in Iowa in 1968!) (0W-SC)

1040 KAIN LA VIDALIA - 4/8 2025 poor with Sun Radio Net 'til 2029 sign-off by female; slogan sounded like K-10; no SSB heard (CR-ON)

WANN WV GREEN VALLEY - 4/28 2000 sandwiched between WPZA/WUFL spletter with sign-off; gave power as 1.5 Kw & IDs as Green Valley-Bluefield (must be a colorful area); WJTB had an early 1915 sign-off making the whole thing possible; WV #75 (CR-ON)

1050 WSEN NY BALDWINVILLE - 4/20 1935 fair with OLD (LMC-NY)

1080 WJDX KY LOUISVILLE - 3/31 2100 with POP mx & sovie pass offer; QRM from KRLD; poor (HF-M12)

1090 WKTE NC KING - 4/10 1930 with We're the legendary AM, 1090 WKTE King/Winston-Salem/Mt Airy, NC; C&W mx; 44' in the Triad @ 1933; very strong (BES-VA)

12 CKKW ON KITCHENER - 3/18 fair with Hits Radio AM 109; POP mx; over KAAY/WCAR (HF-MIL)

1140 WIXC AL HAZEL GREEN - 3/24 1850 with ads for Lincoln County Bank, Rocket City Kennels, etc; mx to 1859 sign-off; WIXC, Hazel Green-Huntsville; Fun-Lovin Wixie; who is Hazel Green, anyway? (0W-SC)

1150 WCRK TN MORRISTOWN - 3/20 1819 lite pop/pop OLD on Johnnie Walker Pgm; Hometown R. slogan; fair+poor under WGOW; 2000 ID: This is R. 1150, WCRK, Morristown, Tenn (0W-GA)

1170 KVOO OK TULSA - 3/22 good+ with Big Country KVOO; C&W mx (HF-TX)

1200 WBZY PA NEW CASTLE - 3/28 1612 out of Elvis tune with Easter Greeting+Johnny Rivers; 1st-timer here (WPF-IN)

1220 WGAR OH CLEVELAND - 4/1 2210 fair with C&W mx & promo for how to win \$500 every weekday on 99.5 FM WGAR; KJAN off until 2305, 1st time I've ever caught them off before 0005 sign-off (RD-IA)

1240 WIBU WI POYNETTE - 4/14 2331 with ID: This is the polka station-WIBU Poynette-Madison+polka; very good stop channel (PLS-KS)

1280 WHRO IL AURORA - 4/8 2228 with ID: AM 1280 WHRO, Aurora-Naperville & the Tri-Cities; 2230 MBS Nx, wx, mx; good on peaks, but QRM (0W-IA)

WQUE LA NEW ORLEANS - 3/15 2101 ad for House of Gold; promo for Q-93/Sprite contest; fair over QRM (0W-AR)

1290 WCHY GA SAVANNAH - 4/3 1930 all alone, no WNEB hrd (DV-NY)

WHIO OH DAYTON - 4/1 2358 with The Miami Valley's wx, traffic, & nx authority, 1290, WHIO Dayton-Springfield; local nx update with Mark Kiser; CBS Nx @ Midnight; fair with some QRM (BES-VA)

1300 WSYD NC MT AIRY - 3/28 2100 ID: WSYD, Mt Airy, NC, your stn for nx; SNN Nx; barely over QRM (0W-SC)

1320 WAMR FL VENICE - 4/25 2100 good+fair over KXYZ/others with WAMR Venice-Sarasota legal ID, NBC Nx, network ads sentg technical problems with Talknet+adult stds (EB-GA)

1350 KDIO MN ORTONVILLE - 4/7 2114 fair over/under KRNT with sign-off; good opening to MN & SD, as KUSD-890 & KWEB-1270 were in like locals (RD-IA)

1360 WGNN GA LAWRENCEVILLE - 4/27 2000 poor with full-info sign-off; was over an unID with Talknet; GA #150 (CR-ON)

WSAI OH CINCINNATI - 4/25 2220 good+fair over WWHY with ads for a community newspaper group in metro Cincy and Landmark Ford in Fairfield, OH, 1360 WSAI non-ID+ROK OLD (EB-GA)

WWHY TN MILAN - 4/8 1929 on top with non-IDs before and after wx for west Tennessee: The best all-star gospel mx in west Tennessee on Y-1360 & Milan's all new gospel stn, Y-1360; TN #170 (CR-ON)

WHHY TN MILAN - 4/25 2227 with ad for a baseball card dealer in Milan+St Louis Cardinal BB (fitting!); fair+poor with WSAI (EB-GA)

1370 WELV NY ELLENVILLE - 4/11 2045 good over WSPD with NOS & non-ID Three-dimensional magic, 24 hours-a-day, WELV, FM 99.3 & AM 1370 (CR-ON)

WELV NY ELLENVILLE - 4/14 1959 with ad: David Sanborn & slogan: WELV-The sounds that swing; feydey, but strong most of the time (HW-MA)

1370 WGCL IN BLOOMINGTON - 4/15 2100 with legal ID When you need to know, depend on the new Cool 1370, WGCL Bloomington+ABC Nx; over WLTH with usual WEPD no-here in sight; logged for CL change & stn #4400 (CR-ON)

WKJF MI CADILLAC - 4/18 2117 with C&W and non-ID Mike Collin has all your country favorites every weekday 10 'til 2 on AM 1370, K-Country Radio over WSPD (who has been very weak @ night lately; only time CL given was 100 just B4 CBS Nx (CR-ON)

1400 WGKT NY BUFFALO - 4/21 1920 finally nebbed this one with non-ID: 14-KT, WGKT. Feel free to call our studio line 644-9114; with WQBH nullid (CR-ON)

1410 WMHL AL MOBILE - 3/17 1900 simple ID, then UC mx; generally over WSKN in Northern Ala (0W-AL)

WSKN AL PRATTVILLE - 3/17 1905 generally under WMHL with OLD, IDs (0W-AL)

WKTH MI GRAND RAPIDS - 4/20 2009 with CHR & non-ID WKaaaayTH, 2-Rock. Where America Rocks; over WING, etal (CR-ON)

1420 WRCG GA COLUMBUS - 4/7 1820 good in WAVD's absence with Emphasis '89, a presentation of WRCG Columbus at the end+CBS's Today in Business, network ad, EZL ax (EB-GA)

1430 WDEX NC MONROE - 3/28 1854-1904 with NC Nx Net, ID as: WDEX, AM 1430, Monroe+NBC Nx (JH-SC)

1440 WLXN NC LEXINGTON - 4/10 1958 with Sun Radio Network, then BizNews; 2000: You're listening to AM 1440 WLXN Lexington; UPI Nx; very good with some faint QRM...way over WHIS (BES-VA)

1450 WILM DE WILMINGTON - 4/9 1910-1918 with local Wilmington nx, Metro Wx; local strength here; + 4/15 1924-1940 with nx, CBS ads, Metro Wx; way atop channel (TF-CT)

WOL DC WASHINGTON - 4/15 2020-2032 with ROK mx, ad for Fritos Corn Chips, contest, with winners encouraged to pick up prizes at 400 'A' Street within 48 hours; atop channel (TF-CT)

WKXL NH CONCORD - 4/15 1915-1923 with very detailed community calendar, promo for CBS: Charles Osgood heard 6 times a day on WKXL (TF-CT)

WLEC OH SANDUSKY - 4/13 1951 with ID, Auction Barn ad (FW-PA)

WPAM PA POTTSVILLE - 4/15 1921-1924 ad for Sears; DJ is -LJ; OLDies on The Oldies Show; lost to WILM (TF-CT)

WFXN PA SOUTH WILLIAMSPORT - 4/15 2037 hrd two IDs, hard ROK mx for 10 minutes; lost by 2050 (TF-CT)

WJPA PA WASHINGTON - 4/13 1953 with ID (FW-PA)

1480 WEMR PA TUNKHANNOCK - 4/7 1910-1925 with C&W mx, lots of ads, way atop frequency (TF-CT)

1500 WEAC SC GAFFNEY - 3/29 1500 exciting pbp BB (Limestone College vs The Citadel); ads between innings (0W-SC)

1520 WGAM MA GREENFIELD - 4/2 1915 with five OLD records, ID, more OLD; way over WWKB (TF-CT)

WREA TN DAYTON - 4/19 2014 on top with sign-off; calls itself Gospel 1520 and was over WHIC, who also had sign-off at same time (CR-ON)

1550 WLGX CT BLOOMFIELD - 4/8 2102 fair+poor in mass of stations noting ID: Hartford's Christian stn, Christian 1550, WLGX Bloomfield/Hartford; 1st time with these CLs (WW-HA)

1580 WWHG TN NASHVILLE - 3/19 1901 caught sign-off anct: Owned by Lindsay Christian B' Casting...stn song WWHG Feeling...open up your heart... good signal in central GA (0W-GA)

1580 WPGC MD MORNINGSIDE - 5/4 2000 Business radio Network; This is WPGC AM Morningside, Business Radio 1580 serving Washington as the only all-business and financial info stn-Business Radio 1580 newstime 8 O'Clock; AP Nx; good+fair with some faint QRM (BES-VA)

WPJK SC ORANGEBURG - 4/4 1958 in & out 'til legal ID @ 2000: Inspiration 1580 AM, WPJK Orangeburg after which it disappeared with a sudden segafade, suicky sign-off or switch to PSSA power; it took 27 years, but I finally made my 100th catch on 1580 (CR-ON)

1800 KATZ MO ST LOUIS - 4/8 2116 with soul mx & ID; over KCRG (0W-IA)

WTZQ NC HENDERSONVILLE - 3/30 1830 after semi-local WKGK sign-off @ 1830 with T2Q wx; City of 4 Seasons sent; Kyle Wooten with fishing report sponsored by Wellington Leisure Products with ad @ 1832; very good (BES-VA)

REPORTERS:

SM-MA Stan Morse//Boxford, MA//HQ180A + Space Magnet

JH-SC Jason Mustadt//Lexington, SC//Superadio

KO-IL Ken Onyachuk//Country Club Hills, IL//Panasonic AM portable with missing ID plate

JB-TX Jia Basha//San Antonio, TX//R-71A

HF-MI1 Harold Frodge//Midland, MI//R71A + trap dipole

HF-MI2 Harold Frodge//Island Lake, MI//R71A + 500' random wire

HF-TX Harold Frodge//Houston, TX//ATS-801

BH-NJ Bob Harrison//Union, NJ//Superadio (3 reports)

BES-VA Barry Shinsall//Cedar Bluff, VA//Pioneer SKV300 with factory loop

SA-MB Shawn Axelrod//Winnipeg, MB//R-70 + 3' Box Loop or 100' LW & Mini Tun-8

RD-IA Rick Deu//Oakland, IA//R-1000 + RW Loop

CR-ON Charles Nev//Lexington, ON//R-680A, S-40A, Sansarino Loop & Pioneer CT-60R taper

FW-PA Frank Wheeler//Erie, PA//

WPF-IN Wendell Ford//Westville, IN//ICF-2001

WPF-MI Wendell Ford//Stephensville, MI//ICF-2001

TF-CT Tony Fitzherbert//Fairfield, CT//Superadio

0W-xx John Wilkins//On the road in State indicated//

DV-NY Don Voorhies//Oswego, NY//FRG 8800 Gilfer Mod + LW

DB-IA Doug Beard//Springville, IA//

KVJ-GA Karl Jeter//Stone Mountain, GA//

WW-HA Willie Wyllie//Franklin, MA//Realistic Modulaire 2200 + indoor antenna

RUGG-PQ Andy Rugg//Nuns' Island, PQ//TRF

EB-GA Eric Buensen//Woodstock, GA//DX-200, TN-152, SM-2

PLS-KS Paul Sweering//Topeka, KS//

BES-VA Barry Shinsall//Cedar Bluff, IA//Pioneer SX-V300 with factory loop

LMO-NY Laura McCusker//Ravens, NY//GE World Monitor



SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DDxD-E

TT: test tones O: Open carrier T: Call check RS: regular schedule QR: Minterference QTH: location SID: missing ID CID: code ID JD: jingle ax: axis ax: news wx: weather sp: sports HS: high school FB: football BB: baseball BK: hockey BKB: basketball :OO: on the hour H: parallel with +to or into *stereo SS: Spanish FF: French EE: English POL: political SOS: gospel REL: religion or religious AC: adult contemporary BBD: big band OLD: oldies ROK: rock 'n' roll CHR: contemporary hit radio ContCHR: contemporary Christian C&W: country & western EZL: easy listening UC: urban contemporary LK: Larry King AP: Associated Press Radio UPI: United Press International MBS: Mutual Broadcasting System USRN: United Stns Radio Net NPR: National Public Radio MRN: Motor Racing Net MCRN: Music Country Radio Net IRN: Interstate Radio Net LSR: local sunrise SRS: sunrise skip LSS: local sunset SSS: sunset skip SSB: Star Spangled Banner

Bill

Domestic DX Digest - West

Nancy Hardy

2301 Pacific Avenue
Aberdeen, WA 98520

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

It has been five weeks since the last time I typed a DXD-W. Time does fly! The next deadline for receiving tips here is June 10.

SPECIAL

- 1070 KWSA OR WEST KLAMATH FALLS - 4/29 1001 adult standards, three non-stop songs, 1007 promo for programming suggestions, KWSA phone number, "your nostalgia station, 1070, KWSA," music. Fair to poor in CFAX null. Brand new station, signed on in April. Station #9981 (BH-WA) 4/30 1030 short (6 sec.) inst. piece followed by "KWSA, West Klamath Falls," then into old Jim Reeves song. So, apparently city of license is West Klamath Falls. (NH-WA)
- 1190 KORG CA ANAHEIM - 3/16 0459 noted with ID, CNN News on the hour, and later with Business Radio Network feed. Slogans "K-Orange" & "Southern California's newest talk radio station." Ex-KPZE. (TRH-CA)
- 1500 KSJX CA SAN JOSE - 3/18 0224 good with Business Radio Network news feed. ID & slogan "Business Radio 15 hundred" into talkshow hosted by Don McDonald. Ex-KHIT. (TRH-CA)



UNID's

- 1070 UNID ?? 4/2 0443 unID station with MOR under KNX. Maybe CFAX? (TRH)
- 1190 UNID ?? 3/16 0456-0600 with Larry King to 0500 followed by Bruce Williams Talknet in poor. NBC news on the hour. WOWO-IN is the only 1190 station currently listed as airing both King and Talknet, but I know KLIF has aired them both at several times in the past. (TRH-CA)
- 1230 UNID ?? MM 3/13 0220 MYL/NOS music. Not KLAV, which has switched to C&W. Who?? (TRH-CA)
- 1400 UNID ?? 3/12 0407 unID with United Stations Radio Network news. I show no nearby affiliates. Anybody know who this is? (TRH)
- 1480 UNID ?? 3/16 0435 Ray Briem Show // KABC-790. Maybe KYOS runs ABC talk after Larry King? (TRH-CA)
- 1570 UNID ?? 4/2 0605 Satellite Radio Network news & weather. Probably CHUB, which is rare here. (TRH-CA)

MIDDAY TO MIDNIGHT

- 530 Unk. CO BRECKENRIDGE - 5/7 1515 noted from Dillon, CO condo "Welcome to Breckenridge" with tourism info. Fair from Lake Dillon. (WH-CO)
- KNDC750 CO VAIL - 5/8 1400 noted while passing on I-70 giving local parking info. (WH-CO)
- 610 KSPN CO VAIL - 5/8 1400 noted off from Dillon & Vail. Called local Avon, CO phone number and it was disconnected. (WH-CO)
- 710 KBXG CO DENVER - Local station, ex-KEPI. Talkradio format; old time radio on Sundays. (BW-CO)
- 950 KYGO CO DENVER - 3/24 2226 poor-fair mixing with several XE's in flaky local XEGM/XEK's absence. (TRH-CA)
- 970 KNUU NV PARADISE-Las Vegas - 3/24 2233 fair with local news & weather, back to Tom Snyder show. Rare here, usually I get a KAFY/KVIM/XEJ mix. (TRH-CA)
- 1140 KNAB CO BURLINGTON - 3/29 2000 "At this time KNAB 1140 signs off the air." (JT-CO)
- 1420 WOC IA DAVENPORT - 4/30 2328 s/off for maintenance. (JT-CO)
- 1430 WIL MO ST. LOUIS - 4/30 2330 poor under KLO. C&W. MO #27. (JT-CO)
- KLO UT OGDEN - 4/30 2348 ad for Lakeview Hospital in Ogden. KEZW off. UT #32. (JT-CO)

MIDNIGHT TO MIDDAY

- 620 KIPA HI HILO - 3/15 0500 poor under KTAR with NBC News, sounded like Talknet after. Not heard in a while. (TRH-CA)
- 640 KFI CA LOS ANGELES - Noted off the air 4/18 0300. Talked to CE on 4/17 & he said station has been operating on reduced power, 15kw, due to some technical problems. He also said they would be off around 0300 on 4/18. He kept his promise! (MR)

- 660 KTNV AZ WINDOW ROCK - 3/15 0510 has added Interstate Radio Network, so resumes 24h operation & becomes a pest again. This stn has been the focus of controversy as it is playing a key role in the current power struggle for control of the Navajo Tribe. (TRH-CA)
- 840 KVEG NV NORTH LAS VEGAS - Sa 4/8 0358 noted with OC. (TRH-CA)
- 930 KSEI ID POCATELLO - 3/25 0524 poor under KRTH with Dara Welles Talknet, network & local ads, and several IDs. This was my unID a few issues back, not KAGI as I had hopped. (TRH-CA)
- 950 KAHI CA AUBURN - 3/26 0610 fair with oldies in local XEGM/XEK's week-long SP! Still using "9-50 K-High" slogan. (TRH-CA)
- KYGO CO DENVER - 4/10 noted off the air 0211-0455. XEGM dominant. (JT)
- KPRC TX HOUSTON - 4/10 0300 ID on the hour then into the news. Weak under XEGM. TX #72. (JT-CO)
- 1000 KVSD CA VISTA - 3/16 0408 noted back to NSP schedule with "The American Radio Network" all-night talk show. Haven't heard this on any other station. (TRH-CA)
- 1020 KCKN NM ROSWELL - 4/2 0428 totally off until about 0500, leaving KTNV by itself this time. (TRH-CA)
- 1060 KUKQ AZ TEMPE - 3/24 0213 and other nights, noted // FM KUPD with oldies instead of usual C&W. Don't know yet if this is just a late-night simulcast or a full format change. MM 4/3 0344 heard with AOR & new slogan "Alternative music is 10-60 KQ." Program Director must belong to the Format-of-the-month club, hi. (TRH-CA)
- 1140 KRAK CA SACRAMENTO - 3/15 0515 totally off, leaving KGEM & a very weak KCMJ. Haven't caught this one off in years. (TRH-CA)
- KGEM ID BOISE - 3/15 0516-0603 poor in KSDO-1130 slob but steady with satellite nostalgia, lots of prerecorded IDs, and slogans like "K-Gem," "AM Stereo 11-40," and "The Gem of Idaho." Not heard since the late 70's, when KRAK had a regular MM SP. Wasn't in my totals, so call it ID #15. (TRH-CA)
- KRSR NV NORTH LAS VEGAS - 3/15 0515 also off--I applaud their timing, hi. (TRH-CA)
- 1200 WOAI TX SAN ANTONIO - 4/10 s/on at 0558. (JT-CO)
- CHMG AB ST. ALBERT - 4/10 0445 "Radio for the 90's, we're Music Radio." SBN news at 0500. (JT-CO)
- CPGO ON OTTAWA - 4/3 0430 fair with CKDA. "Energy 1200." (JT-CO)
- 1260 WIBV IL BELLEVILLE - 4/3 0208 "WIBV new returns to the air, technical maintenance has been completed." Is this a reg. MM SP? (JT-CO)
- 1280 KFRN CA LONG BEACH - Th 3/16 0447 OC tonight, leaving 2 very weak stations (probably KHEP/KREL), underneath. (TRH-CA)
- 1340 KVRH CO SALIDA - 4/26 0816 was able to null KIDN just enough for an ID on my closest unheard and CO #80. (JT-CO)
- 1400 KCOW NE ALLIANCE - 4/27 0214 s/off with NA after local news. (JT)
- 1490 KRUI NM RUIDOSO DOWNS - 4/27 0200 "KRUI, radio for you and I." (JT)
- 1530 KPEK CA SACRAMENTO - MM 3/13 0306 s/off for SP, said they'd be back around 0630 or 0700. (TRH-CA)

REPORTERS

TRH-CA/Tim Hall, Chula Vista, CA/DX 150B, ICF-2010, Radio West loop
BH-WA/Bill Hardy, Aberdeen, WA/FRG-7, Radio West loop
NH-WA/Nancy Hardy, Aberdeen, WA/FRG-7, Radio West loop
WH-CO/Wayne Heinen, Dillon, CO & I-70 thru CO/Pontiac car radio & Radio West TRF
MR-CA/Mike Riordan, Goleta, CA/Panasonic RF-2200, GE Superadio II
JT-CO/Jeff Tynan, Parker, CO/Sony 2002 with JT-5 loop
BW-CO/John Wilkins, Wheat Ridge, CO/GE Superadio

CITY QUIZ

John S. Bowker, Valparaiso, IN

QUIZ # 28

Only one city in the United States has stations operating at the five dial positions shown below. Of course, there may be other stations in this city too! Can you spot the city?

1040 1150 1350 1390 1460

Here is a hint; it is one of these: Des Moines, San Diego, Honolulu
(The answer will appear at the end of the next City Quiz in DX News.)
The answer to City Quiz # 27: Portland, OR

International DX Digest

Chuck Hutton

983 St. Charles Ave., #1
Atlanta, GA 30306
(404) 892-6211, before 2300 ELT
Foreign DX Catches. Times are UTC; for ELT, subtract 5 hours

540 MEXICO San Luis Potosi SS man w/nortena and light salsas 2158 3/21. (Frodge)

550 PUERTO RICO WPAB Ponce on 3/24 at 0245 with news about a landslide that happened in the countryside and people had to be changed of place due to their losing their homes. (Objio)

555 ST. KITTS AND NEVIS heard very weak and off after 0100 on 3/24. Heard easily later on the Holy Weed everyday. (Objio)

560 JAMAICA Radio One, Kingston with a cricket game at 0115 on 3/24. (Objio)

570 VENEZUELA R. Rumbos, Caracas w/pop mx, merengues at 0120 on 3/24 // 670. (Objio)

580 JAMAICA R. Jamaica, Port Galina also with a cricket game and also Puerto Rico WKAQ w/nx and fighting w/Jamaica at 0125 on 3/24. (Objio)

590 CUBA Guantanamo CMAA 3/13 0620 pgms // 580 and 600. Fair u/CMCA. (Townshend)

590 DOMINICAN REPUBLIC R. Santa Marta, La Vega with religious programs during the Holy Week. (Objio)

590 VENEZUELA R. Continente, Caracas with horse races at 1815 on 3/25, usually unheard here due to Radio Santa Marta off on Saturday, Holy Week. (Objio)

595 DOMINICA very easy with news on Saturday at 1618 on 3/25 and religious program. (Objio)

600 COLOMBIA R. libertad, Barranquilla, IDed at 0146 on 3/24, very good then pop mx. (Objio)

600 CUBA CMKD Urbano Norris 4/22 0545 SS mx, same as always, booming in. Very strong. (Wyllie)

600 PUERTO RICO WAEL Mayaguez with religious program at 1450 on 3/24. (Objio)

650 VENEZUELA R. Vision, Maracay ID at 0157 on 3/24 by nulling out R. Universal. (Objio)

660 HONDURAS LV de Honduras 4/22 0325-0331 fair to poor w/SS man giving live recorded speech (a bit of a contradiction, no? Chuck). Mentions of Nicaragua so was probably political. Short break at 0330 w/jingle and HRN ID then back into tx. Tough copy u/WFAN, Progreso. (Scotka)

670 VENEZUELA R. Rumbos 4/22 0337+ poor u/Rebelde powerhouse. SS man announcer w/nx clips, Rumbos pips, TC at 0340. No sign of WWFE Miami yet tho hrd what could have been them on 650 on 2/24. I tuned to what I thought was R. Vision 650 and was surprised by domestic nx w/George Bush nx con clip, numerous mentions of Miami, all SS, no ID. Serious splatter from WLJV made copy tough on the 2010. Keep you posted. (Scotka)

690 COLOMBIA RCN with ads for Cerveza Aguila and announcer new "frecuencia basica" for RCN on 810 KHz since April at 0200 on 3/24. (Objio) And what happened to our old frined Sutatenza???

690 VENEZUELA R. Barquisimeto, w/Venezuelan pop mx, IDed at 0037 on 3/25 then "musica llanera". (Objio)

690 ANGUILLA Caribbean Beacon, The Valley very good at 0030 on 3/25 w/song by male singer, all EE, R. Guarachita off after 6 PM (2200 GMT) when they ended playing the nine symphonies of Beethoven as usual on Good Friday. (Objio)

710 PUERTO RICO "en el 71 de su radio en estereo WKJB, Mayaguez". IDing this way at 1500 on 3/24, good. (Objio)

710 CUBA Santa Clara CMAC 3/13 0632 SS talk by man and woman // 580 and 600, xlint. WOR aurora-ed out. (Townshend)

720 DOMINICAN REPUBLIC R. Norte, Santiago with news about accidents in the Holy Week in program "Super Semana Santa" at 1615 on 3/24. (Objio)

720 VENEZUELA R. Vision Oriente, parallel with R. Tachira with a football (soccer) game between Bahia and Tachira at 0041 on 3/25, very fast speaker. Alone on the freq. (Objio)

730 MEXICO XEX Mexico DF man w/beisbol; QRM from 740 2226 3/21. (Frodge)

730 TRINIDAD AND TOBAGO R. Trinidad, Port of Spain, heard in passing with male speaker, very weak at 0043. (Objio)

730 COLOMBIA Cadena Melodia de Colombia, Bogota in special program for the Holy Week. Pop mx at 0045 on 3/25. (Objio)

740 CUBA CMJL R. Progreso CMJL Camaguey man w/baladas de Mexico // 17 640 y 690 0226 4/1 fair. (Frodge)

740 PUERTO RICO WIAC La Internacional IDing this way in the beginning of a program of new singers at 0000 on 3/24-3/25 with local songs. (Objio)

750 NICARAGUA YNXW Managua SS man w/nx to 0429, beep-beep sound, commentary continues after 0430; u/WSB 2325 3/16. (Frodge)

750 VENEZUELA Caracas Siete Cinco Cero (Caracas 7-5-0) IDing like this at 0334 on 3/24, heavy metal. (Objio)

760 COLOMBIA RCN Barranquilla 760 KHz, IDing this way at 1507 on 3/24 announcing RCN programs, very good. (Objio)

760 CUBA CMBD Guanabacoa 4/22 0541 strong with news, time ticks and "RR" code IDs. (Wyllie)

770 VENEZUELA "en su dial Radio Nacional de Venezuela" IDed at 0053 on 3/25 with beautiful harp music, IDed again at 0100, at Valencia. (Objio)

780 VENEZUELA Ecos del Torbes, San Cristobal with the same soccer game as 720 only with a better signal, as a local station in Santo Domingo, 0113 3/25. (Objio)

800 PANAMA La Exitosa, Chitre, Provincias Centrales with a baseball program after a ball game and announcer more games for the next day. In the game just finished Panama Metros won over De Los Santos 6 to 3. Very good on the TRF at 0500 3/11. (Objio)

830 CUBA R. Taino SS/EE "Radio Taino de Habana" w/EE-SS travel anncts, noted // 1040 u/WHO and // 1160; annctd 830 and 1160 but not 1040 freqs; Cuban vocals noted past 0415 2222 3/16, good. (Frodge)

840 VENEZUELA R. Sensacion, San Antonio de los Altos, with horse racing program on 3/.25 at 2213. (Objio)

840 HAITI Cap Haitien 4VEF 3/28 2328 FF or Creole talk to 2400 then chime IS and ID "Vous ecoutez a 4VEH a Cap Haitien" then pgm "Radio Club", man/woman in Creole. Fair o/Cuba at first but eventually losing out. (Wilkins/SC)

850 COLOMBIA Caracol Bogota news with mention about the Holy Week. Very good at 0440 3/24. (Objio)

860 VENEZUELA R. Vision 860, San Cristobal, s/off at 0451 on 3/24. (Objio)

870 COLOMBIA LV del Tolima 4/22 0422-0434 fair to good fading in u/WWL. SS man announcer, numerous mentions of Caracol. Great merengue mx, ID at 0423 "transmite Radio Voz del Tolima Internacional, las emisoras Caracol en la frecuencia provincial de 870 kilohertz, diez mil vatios de potencia antena...Caracol, primera cadena radio colombiana!". Into nx w/Cuba then Caracas datelines to start. (Scotka)

870 COLOMBIA Barranquilla 4/22 0430 mention of Caracol, Colombia and Bogota. 0436 ID "nacional...Caracol...Colombia" then SS mx. Noted 3 pips on the hour at 0500 and 3 pips at 0530. Heard sports event, into music. First time logged. WRTH 89 lists R. Alegre for this. IRCA listed this as changing to Caracol. (Wyllie) Might you not have heard LV del Tolima??

870 DOMINICAN REPUBLIC R. La Vega, very good with reports about accidents and happening in this Good Friday at 1520 on 3/24 on program "Super Semana Santa 89". (Objio)

880 COLOMBIA R. Bucaramanga with a program of tangos at 0120 on 3/25. (Objio)

890 COLOMBIA R. Galeon, Santa Marta IDing at 0505 on 3/24, very good with a political anncts then romantic songs. (Objio)

900 BARBADOS CBC Bridgetown w/nx at 2206 on 3/25. News were all about the EE Caribbean islands. (Objio)

910 VENEZUELA RQ910, Maiquetia with pop mx at 2135 on 3/24. (Objio)

930 PUERTO RICO R. Eco, Cabo Rojo, even though I heard them IDing Noti-Uno-Linea 93" at 1810 on 3/25. (Objio)

940 VENEZUELA R. Punto Fijo, with ads for enterprises in town, recommendations to "temporadistas", "taller Conejo" (tow trucks), at 1625 on 3/24. (Objio)

980 COLOMBIA R. El Sol, Cali IDed at 0327 on 3/12 and continued with pop mx. (Objio)

1000 COLOMBIA R. Nacional, Manizales with an interview to a priest about the Holy Week at 0130 on 3/25. Underneath R. Tachira relaying the soccer game mentioned above. (Objio)

1010 COLOMBIA RCN announcer a move to abasic frequency on 810 in Bogota from here very soon. It identified as "Mil Veinte" (1020) Em. Tropical, but it was really on 1010. (Objio)

1015 UNID heard the unid with the Swan Lake ballet at 0437 on 3/24, DF for Colombia. (Objio)

1020 VENEZUELA "Mundial Margarita, primer lugar en sintonia w/Venezuelan music, IDed at 0434 on 3/24, very good. (Objio)

1030 PUERTO RICO R. WOSO, San Juan IDing in EE at 0500 on 3/24 w/a basketball game: Oakland vs. Arizona. (Objio)

- 1040 CUBA R. Taino EZL. LA vocals, program name possibly "Bolero"; ads for a piano bar and Habana Cruz rum; EE/SS IDs at 0359; "La Hora en Cuba" at 0408 and abrupt s/off; noted // 1160 continuing after 0400; nothing noted on 830 2235 3/21, good. (Frodge)
- 1040 VENEZUELA LV de Carabobo, Valencia s/off at 0456 on 3/24 w/NA. (Objio)
- 1060 COLOMBIA R. Furatona, Chiquinquira w/Colombian pop mx, IDed at 0140 on 3/25. (Objio)
- 1110 DOMINICAN REPUBLIC R. Marien, Dajabon, this is a change of frequency from 1260 kHz. (Objio)
- 1110 MEXICO Mexico City XERED 3/16 0245 phone in show in SS; Radio Red IDs, good sig in central Arkansas. (Wilkins/AR)
- 1110 MEXICO XERED Mexico DF man and woman w/traditional Mexican vocals y discurso 2223 3/22 good. (Frodge)
- 1165 ANTIGUA Caribbean Radio Lighthouse w/religious songs at 0237 on 3/25. (Objio)
- 1170 COLOMBIA R. Noticias de Caracol, Cartagena "las noticias de hoy" by "El Banco Cafatero" at 0241 on 3/21, news related to guerrillas. (Objio)
- 1180 USA R. Marti very good at 0420 on 3/24, heard because of R. Mil off, reading letters from listeners. (Objio)
- 1230 VENEZUELA R. Barlovento, Caucaagua w/ads for "Mercado Ruta del Sol" at 0243 on 3/25, all ads for businesses in Caucaagua, good. (Objio)
- 1260 VENEZUELA Caracas, R. Sucre, Doce Sesenta (12-60), IDed like this at 0558 on 3/5, then song by a female singer. (Objio)
- 1260 VENEZUELA Caracas R. Suave YVRM 3/18 0235 man/woman talks, pop mx, IDs, dominating the channel for a while in NW Alabama. (Wilkins/AL)
- 1270 COLOMBIA R. El Sol, Santa Marta (Antena Dos, RCN) with bambucos y guabinas at 0013 on 3/26. (Objio)
- 1270 CUBA R. Reloj CMJG Camaguey weak "RR" noted u/WXYT 2150 3/16, very poor. (Frodge)
- 1280 BRASIL R. Tupi, Rio de Janeiro speaker in a telephone talk with a female listener, all in PP, with mention of Rio de Janeiro, no ID heard at 0552 on 3/5 but who else could it be? Then a song by a man. (Objio)
- 1280 HAITI R. Metropole, Port au Prince heard later than usual and on the same frequency with their typical "Haitian electronic merengue" at 0605 on 3/5, it seemed to be operating from a discotheque. (Objio)
- 1300 COLOMBIA R. Reloj, Bucaramanga, IDing at 0251 on 3/25, disco mx in EE. (Objio)
- 1330 VENEZUELA LV del Ritmo (R. Vision) using this ID at 0434 on 3/12 and then pop mx. (Objio)
- 1330 VENEZUELA R. Los Llanos, Calabozo many ads for this town, also "Feria de Calabozo" at 0502 3/12, ID at this time. (Objio)
- 1340 COLOMBIA R. El Sol, Buenaventura ID at 0209 on 3/12 and Colombian mx, also R. Uno, Bogota alternating one another, both IDing. (Objio)
- 1340 PUERTO RICO "WNOZ 1340, Aguadilla, Puerto Rico" IDed this way at 1800 on 3/25, then continued with romantic songs. (Objio)
- 1350 VENEZUELA "R. Guanipa, Mil Trescientos Cincuenta en su radio" (1350 on your radio), IDed this way at 0414 on 3/24 and a very funny song being played "El Mosquito" in San Jose de Guanipa. (Objio) So Latin America has a Weird Al Yankovic too..... Too bad about that - Chuck
- 1350 COLOMBIA R. El Sol (Santa Marta?) it did not say in the ID at 0538, quite probably as it is closer to Santo Domingo, with a program of vallenatas, a kind of Colombian music mainly accordion and the voice of the singer. (Objio) They moved? Chuck
- 1390 VENEZUELA La V Musical or La V 13-90 "en la V que se oyo" (the V that is heard), IDing in these ways at 0606 on 3/5, time as "la una y nueve" (1:09), a fast clock, then pop mx, according to signal strength and time it must be R. Vision Lara, Barquisimeto. Another different ID as "La V Musical". (Objio) Oh no,,,,, they are beginning to ID just like Americans!!!! Chuck
- 1410 DOMINICAN REPUBLIC Radio Catorce Diez (R. 14-10) en Barahona, this seems to be a change or a move from Neiba to Barahona. Further investigation is needed in order to confirm this, heard yesterday Saturday March 11 at dusk from Santo Domingo. (Objio)
- 1420 VENEZUELA R. Bahia, arriba en sintonia IDed this way and mentioning a lot of emergency telephones in Puerto la Cruz, not Puerto Cabello as it is in WRTH88, then pop mx. They mentioned to be in "oriente" (east) and Puerto Cabello is west of Caracas, and Puerto la Cruz is east of Caracas. If you take a look to the map of Venezuela you'll see that Caracas is more or less in the north-center of the country. Time was 0530 on 3/5. (Objio)

- 1420 VENEZUELA R. Vision Marabina, Maracaibo w/many ad for business in Maracaibo, ID as "La V Catorce-Veinte" (V 14-20) en AM at 0202 on 3/12, pop mx. (Objio)
- 1430 DOMINICAN REPUBLIC R. Malba, Santiago, a change of freq from 1560. (Objio)
- 1470 VENEZUELA R. Vibracion, Carupano a very good ID at 0456 on 3/12, ads, pop mx. (Objio)
- 1490 VENEZUELA R. Favoritas del Sol, Maracaibo only pop mx and IDing at 0438 on 3/5. (Objio)
- 1520 COLOMBIA Ecos de la Sierra Flor IDed at 0441 on 3/5, Sincelejo, w/many ads for Sinceljo's business: "autor repuestos Las Penit- tas", "Deposito Edwin", "El Recreo", etc. First time heard. (Objio)
- 1520 PUERTO RICO R. Aeropuerto Internacional, San Juan with many ads for business concerns in Naranjito. "Benitez Mazda", "Callidad Bacardi", with sports program, s/off at 0426 on 3/5. (Objio)
- 1520 PUERTO RICO R. Reporte 15-20, San Juan IDed at 0450 on 3/12, news. (Objio)
- 1527 COLOMBIA "en el aire, Radio Minuto, Barranquilla IDed at 0449 on 3/5, off freq from 1520, not heard very well, there seemed to be a tx malfunction as voice was like muffled. My measurement is not exact, just guessing. (Objio)
- 1540 VENEZUELA "Para Venezuela y el Caribe R. Guadalupana", "Radio Guadalupana para Falcon, Venezuela y America" IDing like this frequently at 0149 on 3/12, also announcing telephone numbers for listeners to report this new station on the air. Heard because R. Recuerdos in Santo Domingo was off at that time. (Objio)
- 1565 DOMINICAN REPUBLIC R. Amanecer, Santo Domingo as always in this freq on 3/12 rarely on 1570 w/Mozart symphony. (Objio)
- 1555 CAYMAN ISLANDS R. Cayman w/nx sang by a man with Jamaican accent at 0140 on 3/12. (Objio)
- 1570 MEXICO XERF Ciudad Acuna "Radio Frontera--La Voz de la Amistad", EZL vocals 2229 3/21 good. (Frodge)
- 1610 ANGUIILLA Caribbean Beacon 4/21 0456 good to fair with intermittent stereo with religious program, Caribbean music, "This is the Caribbean Beacon, broadcasting from Anguilla" ID. The stereo light has lit up on this one since at least January, so this one is probably broadcasting in stereo using the Motorola C-QUAM system. (Buene-man)

Eric Buene-man - Woodstock, GA	DX200, TM152, SM2
Harold Frodge - Midland, MI	R71A, dipole
Cesar Objio - Santo Domingo, Dominican Rep.	HE30, 4' loop, TRF
Russell Scotka - Margate, FL	HQ180A, Kowalski loop
Bill Townshend - Washington, DC	Sony ICF2010
John Wilkins/AR - near Little Rock	SuperRadioII
John Wilkins/AL - Jasper, AL	SuperRadioII
John Wilkins/SC - Columbia, SC	SuperRadioII
William Wyllie - Prudence Island, RI	Fisher 418

(continued from page one)

lliam Bowers, Stafford, TX; David Clark, Jr., New York, NY; Stephen Beaulieu, Holcomb, NY; Stepehn Ruggles, Lunenburg, MA; Edward Angel, Wayne, NJ; William Hein, Culver City, CA. Yes, the NRC is indeed growing!

Crystal Radio ... Remember Regeneration Radio, the firm that intended to sell crystal radio kits? It is now offering its basic crystal radio kit for \$15 (plus 6% for California residents). The kit is designed to be "labor-intensive", from winding coils to painting the base, but all parts are included, even sandpaper and a nail for punching holes! You'll even receive a fifteen-page technical booklet which covers tips on antennas, grounds, counterpoises, lightning arresters, soldering, operation, home-made headphones, experimentation, and much more. The kit is designed with the beginner in mind and requires two to five hours to build. To order, send check or money order to Regeneration Radio Company - 20335

Casa Loma Rd. - Grass Valley, CA 95945.

Submissions ... Keep those clippings, columns, and articles coming in; even if we don't use them right away, we may need them in the slow season, around October. For those of you typing articles and columns, don't forget that you need to set your margins so that you fill about a 7.5-inch width, and leave .5 inches at both top and bottom; if you use legal-size paper, leave about another 1.5 inches at the top for the column head, and about .5 inches for a one-deck headline, which I'll type-set for you. Use pica (10-pitch or 12-point) type, preferably, and don't double-space between paragraphs or entries.

For your information, I've extended an offer to a member to take over Musings and am awaiting his reply, and IDXA should return soon. And I plan to formulate a publication schedule for Vol. #57, to be published in the June issue, so if you have any suggestions, get them to me immediately, if not sooner. Until next month, 73!

FM DX

Digest DX on the FM band, from April through September

Eric Bueneman

5002 Cross Ridge Ct.
Woodstock, GA 30188-4380

DX FROM THE GREAT WHITE NORTH

Morris Sorensen, P.O. Box 477, Port Carling, ON, Canada P0B 1J0 (May 3, 1989)

It's good to see an FM column back in NRC. (Merci!-eb) I haven't done much FM DXing, but a skip opening associated with an auroral disturbance back on March 13 brought the following:

90.5 Es KCND ND BISMARCK-1838 to 1854 good with North Dakota state nx, "Prairie Evening Edition", closing prices reported from Downtown Bismarck, etc.

91.1 Es KCCM MN MOOREHEAD-1900 good with "This is KCCM 91.1 FM Moorehead-Fargo" into regional nx, mentioning flooding in Southern Minnesota.

Tentative logs during this opening included: CBON-20 89.3 Thunder Bay, ON, (would be nice to log my own province on E-skip) (I have logged Texas by BOTH trop [KTAL-FM 98.1 Texarkana] and E-Skip [KTXF-100.3 Brownsville]!-eb), WCMP 92.1 Pine City, MN (thought I heard mention of "WCMP Cover-all Bingo"-can anyone confirm?) and CITI 92.1 Winnipeg, MB. (I logged CITI via Es 6/11/86 in St. Louis, next to WIL-FM 92.3-eb.)

All loggings were made using a Sony ICF-2010 and a whip antenna (wait until you get to Atlanta during a trop opening!-eb). Port Carling is in the District of Muskoka, about 100 air miles north of Toronto. I edit an AM-FM-TV loggings and news column for the Ontario DX Association (ODXA). 73, Morris Sorensen.

IS THE GATEWAY CITY GETTING HOT?

Richard T. Eddie, 152 West Rose, St. Louis, MO 63119 (314) 962-7215 (May 2, 1989)

I haven't been doing a lot of DX lately, but early in March, I did get some DX. March 8: 0248 CST, KOKS 89.5 Poplar Bluff, MO, March 9: 2112, WRNH 88.5 Pekin, IL, 2025, WONU 89.7 Kankakee, IL, 1353 WYLL 106.7 Des Plaines, IL (ex-WIWW, thanx Mark Strickert-eb), 1323 WYSY 107.9 Aurora, IL, 1547 WYNY 106.9 McKenzie, TN, 1619 WIMS 97.5 Champaign, IL (ex-WDWS-FM), 1605 KJEZ 95.5 Poplar Bluff, MO, 1615 KFIN 107.9 Jonesboro, AR, 1513 WUEZ-FM 104.7 Morris, IL (soon to be WCLR-eb), WIMS 97.5 Oxford, MS, March 10: 0310 CST, WNUA 95.5 Chicago, IL (ex-WRXR, WMET), 0338 WLLT 93.9 Chicago, IL (ex-WLAK), 0326 WXRT 93.1 Chicago, IL, 0349 WPER-FM 102.7 Terre Haute, IN, 0403 WJMK 104.3 Chicago, IL, 0352 WMLL 106.1 Waukesha, WI, 0246 WCKG 105.9 Elmwood Park, IL, (no time) WOJO 105.1 Evanston, IL, 0300 WXAN 103.9 Ava, IL, 0301 WBYR 103.5 Chicago, IL, 0217 WTMX 101.9 Skokie, IL (ex-WCLR), 0246 WSPY 107.1 Plano, IL, 0420 WBKR 92.5 Owensboro, KY. March 27 KOEA 97.5 Doniphan, MO-now 50,000 watts on 97.5 (Class C2), ex-97.7, 3,000 watts (Class A). April 26: WECU 88.5 Peoria, IL-shares time with WRNH. WMRV 101.1 East St. Louis, IL is now WSNL, "Sunny 101" with light rock. KSTZ 105.7 Ste. Genevieve, MO is now light rock. (KSTZ has always been light rock, although mixed with some CHR.-eb) Good DX and 73s, Rich Eddie.

METRO ATLANTA WILL GET TWO NEW FMs

WBEE 92 FM

Eric Bueneman, 5002 Cross Ridge Ct, Woodstock, GA 30188-4380, (404) 924-7780 (prepaid)

FM DX has been limited to Nashville and Anniston/Gadsden lately, but two FM stations will begin to rimshot Atlanta by the time you read this. WCHK-FM 105.5 will be raising power at the end of May from 3,000 to 50,000 watts. In order to make this power increase, WCHK-FM will be moving to 105.7, upgrading in class from A to C2. WAGO-104.7 in Athens will be moving its antenna closer to Atlanta, changing calls to WALP and format to light AC. Their new address is: 210 CNN Center, Atlanta, GA 30303. This will be the FM side of all-news WCNN-680. The latest Arbitrons in Atlanta shows WSB-FM 98.5 in first place and WSB-AM 750 in second place. Top FMs in St. Louis are KSHE, KEZK, KLOU, WKBQ and KYKY.

What about the best times for certain DX conditions to occur? The summer is usually the best time for FM and TV DX. E-Skip DX mostly occurs in the summer months, with distances of 500-1500 miles common. It can occur all year long in the Southeast. Double-hop E-Skip also occurs in the summer months, with distances of up to 3000 miles

reported. Tropospheric enhancement can occur all year long with distances varying upon location. In the Southeast, distances of 600 miles are common, in the Midwest, up to 400 miles. Meteor scatter occurs during meteor showers and Auroral Scatter occurs during auroral disturbances. The characteristics are quite different from trop and E-skip, where signals stay steady for a clear ID. In Meteor Scatter and Auroral Scatter, the signal is only in for one or two seconds, usually long enough to get only bits and pieces of an ID. E2 Skip occurs during sunset peaks, and TA or TP reception is not uncommon.

Support has been light so far, but see that increase when the summer heats up. Report FM DX, changes and comments here! (Just before I forget, Rich Eddie used a McIntosh MR-78 FM tuner with a McIntosh MA-6200 integrated amplifier and a Jerrold QFM-9 antenna on the roof with an Alliance U-100 rotor). 73 from KDX@STL/4.

**KEZK
FM102**

Eric S. Bueneman

Sports Networks

Barry S. Finkel

10314 S. Oakley
Chicago, IL 60643

Network listings for stations programming team sports

After much delay (for which I apologize), here is another Sports Networks column. Baseball this time -- flagship stations and one network list. There are 29 networks; that means that I still need 28 network lists. Please send me any that you have. Thanks.

CBS Radio again this year will broadcast two games each Saturday -- one early and one late; one National League and one American League. CBS will also carry the All Star game, both League Championship Series, and the World Series. Announcers include Brent Musberger, Johnny Bench, Steve Busby, Jerry Coleman, Gene Elston, Steve Garvey, Jim Hunter, and Dick Stockton.

Here are flagship stations, network sizes, and announcers.

Atlanta Braves	750 WSB -GA	93
Baltimore Orioles	1090 WBAL-MD	40 Jon Miller, Joe Angel
Boston Red Sox	1390 WPLM-MA	81 Ken Coleman, Joe Castiglione
	99.1 WPLM-MA	
California Angels	710 KMPC-CA	22 Al Conin, Ken Brett
Chicago Cubs	720 WGN -IL	86 Harry Caray, Dewayne Staats, Dave Nelson
	1490 WPNA-IL SS	0
Chicago White Sox	670 WMAQ-IL	30 Tom Rooney, Wayne Hagin
Cincinnati Redlegs	700 WLW -OH	75 Joe Nuxhall, Marty Brennehan
Cleveland Indians	1110 WWWE-OH	28 Herb Score, Paul Olden
Detroit Tigers	760 WJR -MI	40
Houston Astros	740 KTRH-TX	45
Kansas City Royals	580 WIBW-KS	132
Los Angeles Dodgers	790 KABC-CA	25
	1330 KWKW-CA SS	5
Milwaukee Brewers	620 WTMJ-WI	67 Bob Eucker, Pat Hughes
Minnesota Twins	830 WCCO-MN	65 Hebr Carneal, John Gordon
Montreal Expos	800 CJAD-PQ EE	9 Dave Van Horne, Jerry Trupiano, Bobby Winkles
	730 CKAC-PQ FF	30 Jacques Doucet, Rodger Broulette
New York Mets	660 WFAN-NY	22 Bob Murphy, Gary Cohen, Howie Rowe
New York Yankees	770 WABC-NY	50 John Sterling, Jay Johnstone
Oakland Athletics	560 KSFO-CA	14 Lon Simmons, Bill King, Ray Fosse
Philadelphia Phillies	1210 WCAU-PA	23 Harry Kalas, Richie Ashburn, Andy Musser
Pittsburgh Pirates	1020 KDKA-PA	44 Lanny Frattare, John Sanders, Steve Blass, Jim
Saint Louis Cardinals	1120 KMOX-MO	130 Jack Buck, Mike Shannon, Bob Gibson
San Diego Padres	760 KFMB-CA	12
	1420 XEXX-BC SS	17
San Francisco Giants	680 KNBR-CA	10 Hank Greenwald, Ron Fairly
Seattle Mariners	710 KIRO-WA	30 Dave Niehaus, Rick Rizzz
Texas Rangers	820 WBAP-TX	18
Toronto Blue Jays	1430 CJCL-ON	65

**580 RADIO
wibw**

Metro New York AM Call-Letter History ... by Bob Harrison

Have you ever perused the QSL collection of a veteran hobbyist and wondered whatever became of some of the old station call-letters? Have you ever been curious about the origins or call-letter history of a particular broadcaster? Beginning with this issue, "DX News" will present a series of comprehensive charts depicting the history of AM call-letters and frequency assignments for broadcasters in the New York City metropolitan area. The charts include all stations licensed for broadcasting from radio's earliest days clear through to the end of 1988, and cover not only the five boroughs of New York, but also northern New Jersey (including Mercer and Monmouth Counties), southern Westchester County, and nearby Long Island.

All material included in the charts is based on original research conducted by members of the National Radio Club. Most of the information is based on material collected over the years by Mr. James Roggentine; without his assistance and generous support this project would not have been possible. Special thanks are also extended to Al Tobia, who has been an active booster and generous contributor to this effort since its inception, and Ernest Cooper, whose recollections of the Brooklyn share-time stations of the 1930's helped solve the final riddle in piecing together this giant jigsaw puzzle.

Though the history of broadcasting is an oft-told story, you'll probably find this brief chronology helpful as you read the charts.

1920 to 1925 - The broadcasting industry in the United States was originally regulated by the Department of Commerce. Initially all stations operated on a single frequency of 360 meters (roughly 833 kilocycles), but soon the broadcast band of frequencies in ten-kilocycle increments, from 550 kc to 1500 kc, evolved. Many of the early stations were highly experimental or speculative in nature and quickly disappeared from the scene, while others proved to be more permanent. The Commerce Department assigned many of the early four-position call-letters in a special sequence, with "A" or "B" as the third letter.

1926 - After overseeing several years of orderly growth in the broadcast industry, the Department of Commerce was suddenly stripped of its regulatory authority by a series of ill-advised court rulings. The result was sheer chaos. Stations in large numbers began shifting frequencies at will in an often futile effort to position themselves more competitively on the dial. Assured of near-automatic license grants, small businessmen, budding scientists and others began constructing new stations by the dozens, squeezing them into every conceivable nook and cranny on the broadcast band. Co-channel interference, manifesting itself as squeals and whistles on the primitive receiving equipment of the day, made pleasurable radio listening nearly impossible, and posed a genuine threat to the entire industry.

April 26, 1927 - The Federal Radio Commission, newly empowered by Congress to straighten out the broadcasting mess, took its first step in the immediate New York City area, where some 57 stations had managed to squeeze themselves onto the dial. Stations in the area were assigned new frequencies on this date at least 20 kilocycles apart, and most stations were compelled to share their frequency with one other broadcaster. A half-dozen or so stations retired from broadcasting, but by all newspaper accounts, the FRC genuinely tried to do all it could to accommodate the broadcasters; there's no evidence of massive eliminations of stations as suggested by some broadcasting histories.

June 15, 1927 - The FRC again reassigned frequencies across the dial; this time the reallocation was nation-wide. In the New York City area, where 20-kilocycle separation had proven inadequate in eliminating interference, the new plan generally involved a 50-kilocycle separation between assigned frequencies, with two, three, or four stations sharing each frequency. Most significantly, the door was shut tight on the allocations of new stations in the area. Between this date and 1942, every new station in metropolitan New York, with the exception of experimental W2XR, was actually just a replacement of a previously existing station.

December 1, 1927 - The FRC implemented a modification of its six-month-old plan, affecting a little over 10% of broadcasters nationwide.

November 11, 1928 - On this red-letter date in radio history, the FRC completely revamped the broadcast band, implementing the basic configuration of clear, regional, and local channels as we know it today. In metropolitan New York, most stations were pushed into very confining, four-way share-time arrangements on their assigned frequencies.

The 1930's - This was a decade of consolidation. With the typical broadcast day rarely extending beyond 6 am until midnight, a station in a four-way time-sharing arrangement averaged 4 1/2 hours of air time per day. This was unsatisfactory for nearly everyone. The economic depression was also a harsh reality; the more financially secure stations quickly "gobbled up" their weaker share-time partners, thereby extending their own hours. By the end of the decade, nearly all the share-time arrangements had either been eliminated or significantly modified.

March 25, 1941 - In conjunction with the expansion of the broadcast band to 1600 kilocycles, a final major frequency reallocation was implemented. (Sources disagree on the actual date; it may have been March 29.) Entire blocks of frequencies were shifted up by 10, 20, 30, or 40 kilocycles. For example, all stations between 1200 and 1450 kilocycles shifted up 30 kilocycles. After this expansion, the door was re-opened in the New York area for new station allocations. But while a couple of dozen new stations have taken to the airwaves since then, there are still fewer broadcasters in the area today than there were back in April of 1926!

The primary sources of information for this project are as follows:

- .The files of NRC member James Roggentine
- ."The New York Times", "The Newark Evening News", and "The Trenton Times" (literally hundreds of radio listings between 1924 and 1964 were reviewed)
- ."RADEX 1929 Radio Index" via Peter Clarius. "DX News" volume 48 numbers 4, 6, and 8 (thanks to Al Tobia)
- .John M. Borst "Broadcasting Stations in the U.S." from "Radio News", January, 1937 (via Al Tobia)
- .Department of Commerce "Radio Service Bulletin", March 1, 1923; April 1, 1924, and others (via James Roggentine)
- .Jim Critchett "Dial Number Order for Stations - 1934" IRCA reprint
- .Thomas H. White "A Little Bit of Anarchy" IRCA reprint
- .Thomas H. White "The Mystique of the Three Letter Call Signs" IRCA reprint
- .Thomas White "Sharing Time" IRCA reprint
- .Ron Schatz "Frequencies Before 1941" IRCA reprint
- .Radio-TV Experimenter - Volume 23, number 1 (8/67)
Volume 24, number 1 (2/68)
- ."Science and Electronics" - Volume 28, number 1 (2/70)
- ."Communications World" - Spring/Summer 1975
- .National Radio Club 50th Anniversary Yearbook

NEW YORK'S RADIO STATION
WABC 77

One final comment: These sources occasionally presented conflicting information. I sometimes had to guess which contained the more reliable data. If you find that any of the charts are inaccurate or incomplete, please let me know. It's my hope that the charts come to be regarded as a highly reliable source of information for anyone interested in the history of broadcasting.

Mayor Walker was livid! And maybe he should have been. After all, the city-owned station, WNYC, which somehow managed to avoid share-time arrangements through most of the 1920's, suddenly found itself sharing its frequency in November of 1928 with WMCA. The first day of the new arrangement, Mayor Walker refused to shut his station down during WMCA's allotted time, and incident that made newspaper headlines the following day.

The uneasy WNYC/WMCA share-time arrangement lasted until about 1933, when Associated Broadcasters, which owned both WMCA and day-timer WPCH, relinquished its WPCH frequency to the City of New York in exchange for full-time status on the old WNYC channel. WNYC has waged a battle for fifty years to regain its lost status as one of New York's most powerful stations; the final chapter of this crusade may soon be written, as the station now has a construction permit for a 50-kilowatt fulltime facility on 820 khz.

The chart uses dashes on the vertical line between WNYC and WMCA to show their period of time-sharing; the thinner line between WMCA and WPCH means the stations had a common owner.

This chart also shows the history of WLIX, WSKQ, and WNBC, as well as the brief existence of New York City's WJUG, which popped up during the age of unregulated broadcasting, but failed to survive the initial FCC frequency allocations.

1922				WBAY 610	WEAF 610
1924				WFBH 1100	
1926		WNYC 570	WMCA 880	WPCH 1100	
4/26/27	WJUG 580	570	880	1100	610
6/15/27		560 570	810	970	610
12/01/27		570	810	920	610
11/11/28		570	570	810	660
1930					
1934		810			
1938					
3/25/41		830	570		660
1945				WNBC	
1950				WVNJ 620	
1960	WBIC 540			WRCA WNBC	
1970	WLIX				
1980				WSKQ	
1988				WUKQ 1050	

Owning multiple stations in the same city was a common practice in the early days of radio. Take the case of the Radio Corporation of America. RCA not only owned the very popular WJZ, but also the classical music outlet WJY, which shared time with WOR; plus portable stations WEBI and WEDM, which shared time with Camden, N.J.'s WABU (not shown in this chart series), and owned by RCA!

The WOR call-letters incidentally are the oldest still in use in the metropolitan area. This chart also shows the brief history of Newark's WMVM, one the "unregulated era" stations which failed to survive the initial FCC frequency allocations.

1922	WDT 740	WOR 740	WJY 740	WJZ 660	WDY 660	
1924						
1926	WMVM 630				WEBL 1330	WEBM 1330
4/26/27		740		660		
6/15/27		740		660		
12/01/27		740		660		
11/11/28		710		760		
1930						
1934						
1938						
3/25/41		710		770		
1945						
1950			WGSM 740	WABC		
1960						
1970						
1980						
1988						

Metropolitan New York Call Letter Chart #3

The A.H. Grebe Company, manufacturer of radio equipment, was another company which owned numerous broadcast stations in a single market in the 1920's. Their principal outlet was WAHG; it became WABC (Atlantic Broadcasting Company) in the mid-1920's and is unrelated to today's WABC shown in chart #2. The other co-owned stations were WBOQ, and portable outlets WGMU and WRMU; this last one was operated aboard a yacht! The portable outlets were eliminated late in 1927, while WABC and WBOQ merged into a single station with a dual call-sign late in 1928. Today it is WCBS.

This chart also traces the history of WWDJ, known as WAAT for most of its history; and WAOK of Ozone Park, deleted by the FCC in April of 1927.

1922						
1924	WAHG	WBOQ	WGMU	WRMU		
1926	950	1270	1270	1270	WKBO	WAOK
	WABC				1270	1210
4/26/27	950	1270	1470	1470	WAAT	
					1270	
6/15/27	920	920	1490	1490		
					1220	
12/01/27	970	970				
					1220	
11/11/28	WABC/ WBOQ					
	860				1070	
1930						940
1934						
1938						
3/25/41	880			WPAT		970
				930		
1945	WCBS					
			WTTM			
1950			920			
1960					WNTA	
					WJRZ	
1970					WWDJ	
1980						
1988						

WHN evidently didn't have much of a problem with share-time arrangements - until they became a little too much! Some time before the FCC imposed frequency-sharing on the majority of area broadcasters, WHN was happily sharing with tiny WQAO (Cavalry Baptist Church) and WPAP (Palisades Amusement Park), as shown by the dashed vertical lines on the chart. This was all fine and dandy until the FCC added WRNY to the bunch in 1928. Then WHN said, "Enough is enough", and within a few short years bought out the whole group and eliminated them.

This chart also traces the history of WINS, which began as WGBS. Not shown on the chart however is the share-time arrangement WGBS had with Philadelphia stations WIP and WOO between 12/1/27 and 11/11/28. Other noteworthy items are WLAW, operated by the New York City Police Department, and WBMC, which operated briefly out of Woodside, Queens.

1922			WHN	830	WQAO	WLAW	
					830	830	
1924		WGBS					
1926	WBMC	950			WPAP	WRNY	
	1020				830	1160	
4/26/27		950	830	830	830	800	
						1070	
6/15/27		860	760	760	760	970	
12/01/27		860	760	760	760	920	
11/11/28		1180	1010	1010	1010	1010	
1930		600					
		1180					
1934		WINS					
1938							
3/25/41		1000	1050				
1945		1010					
			WMGM				WHLI
1950							1100
1960			WHN				
1970							
	WRNJ				WKMB		
1980	1000				1070		
1988			WFAN				
				660			

Some fellows just love to share time! Take the case of Andre Bulova, the owner of WOV. During the 1930's WOV was the only station in the region on 1130 kilocycles; nevertheless, it was required to shut down during the broadcast hours of religious station WLWL-1100 ("We Listen, We Learn"), as was WPG-1100 ("World's Play Ground") in Atlantic City. Wary of the arrangement, Mr. Bulova eventually bought out both WLWL and WPG, and after operating WLWL briefly as WBIL, he closed both of them down and moved the now-fulltime WOV to 1100 kilocycles. Alas, fulltime was not to be WOV's destiny. Shortly after shifting WOV back up to 1130 kilocycles as part of the big 1941 frequency shift, Mr. Bulova traded places on the dial with WNEW-1280, and traded himself right back into frequency-sharing, this time with WHBI. And so WOV lived out its existence; it was replaced by WADO before the time-sharing finally ended.

WNEW has an interesting history as well. It was born of a merger between one of the nation's oldest stations, WAAM of Newark, and entertainment promoter Richard E. O'Dea's "Temple of Music" station, WODA of Paterson. According to entertainer Steve Allen, one of WNEW's founders was radio star Ed Wynn, whose dream it was to form a major radio network; the call letters stood for "Network Ed Wynn". While Ed Wynn's dream never came to fruition, the station that bears his initials went on to become one of broadcast history's most respected and influential stations.

1922			WWZ	WBS 830	WAAM 1140	
1924				1190		
1926	WLWL 1040 780	WPG 1000	WGL 710	WGCP	WBPI WAAM	WODA 1340 767
4/26/27	780	1000	930 720	1190	1140	1010 950
6/15/27	810	1100	1020	1070	860	780 1020
12/01/27	810	1100	1020	1120	1120	1020
11/11/28	1100	1100	WOV 1130	1250	1250	1250
1930						
1934					WNEW	
1938	WBIL			WHBI		
3/25/41			1100			
1945			1130 1280	1280	1280 1130	
1950						
1960			WADO			
1970						
1980					WBRW 1170	
1988						

An interesting facet of the November 1928 radio dial reconfiguration was the creation of six local, or "graveyard", frequencies to serve as a sort of dumping ground for the many very-low power stations that popped up in the mid-1920's. In Metropolitan New York, seven of the tiniest stations entered into share-time arrangements on two such frequencies, 1210 and 1420. Incredibly, a few of them survive in one form or another to this day! Westchester County's WCOH for example became WFAS, which has enjoyed many, many years of success. Long Island's WGBB proved to be the most durable of the area's sequential call signs, lasting over sixty years. Tiny 10-watt WMRJ of Jamaica, Queens didn't last long, but its replacement in the time-sharing arrangement, upstate's WGNV, continues to this day. And Red Bank, N.J.'s WJBI (later WBRB) might still be around had it not been for a disastrous fire during World War II that destroyed the station at a time equipment for rebuilding was in short supply.

Among the less successful of the pint-size stations were Bay Shore's WINR, New York City's WHPP, and Farmingdale's WLBH, which moved to Patchogue as WPOE before expiring.

1922						
1924						
1926	WRST 1390	WBRB 761	WGBB 1230	WJBI 1370	WMRJ 1320	WLBH 1320
4/26/27	1480	1210	1230	1370	1320	WHPP 1450
6/15/27	1420	1420	1220	1170 1140	1450	1290 1450
12/01/27	1420 WINR	1420 WCOH	1220	1140	1450	1290 1450
11/11/28	1210	1210	1210	1210	1420	1420 1420 WPOE
1930					1210	1370
1934		WFAS		WBRB	WGNV	
1938						
3/25/41		1240	1240	1240	1220	
1945						
1950	WMTR 1250	1230				WBUD 1490
1960						1260
1970						WGLI 1290
1980						
1988		WBAB				

Metropolitan New York Call Letter Chart #7

Three New Jersey stations that shared time throughout the 1930's and 1940's were WOAX (later WTNJ) of Trenton, WCAM of Camden, and WCAP, "City of Asbury Park". I'm not certain of the exact date, but the arrangement dissolved when WTNJ moved to another frequency and WCAM reduced its power.

The chart also shows a few stations with shorter histories: New York City's WMBL; Tarrytown's WRW; and Lambertville, N.J.'s WTAZ, which relocated to Richmond, Va. late in 1927 before expiring a year and a half later.

1922	WOAX 1250				WRW 1100	
1924						WTAZ 1050
1926		WFBI 1270		WEBJ 1100		1150
		WCAM	WDWM 1070			
4/26/27		890	1070 930	1100		
6/15/27	1250	1340	830	1170		1360
			1250			
12/01/27	1250	1340	1250	1170		1360
			WCAP			
11/11/28	1280	1280	1280			1210
1930						
1934	WTNJ					
1938						
3/25/41	1310	1310	1310			
1945						
1950	1300		WJLK			
1960	WAAT					
1970	WTNJ				WPRJ 1310	
1980	WIMG	WSSJ			WBIO WXMC	
1988						

One of the many four-way share-time arrangements created in November of 1928 was on 1300 kilocycles; the funny thing about this one was that one of the participants, WHAZ, was located all the way up in Troy, N.Y. The longevity of this arrangement is quite surprising. Around 1970 WPOW finally bought out WHAZ and made some technical adjustments to remove WHAZ from the time-sharing scheme; the arrow shows that WPOW picked up the WHAZ time-slot. When WEVD's successor WNYM bought out WPOW and closed them down on January 1, 1985, it marked the end of the last remaining AM share-time arrangement in metropolitan New York.

Some long-forgotten "oldies-but-goodies" on this chart are WBAN (Paterson), WABS (Newark), WSAY (Port Chester), and WLBE (Brooklyn).

1922	WBAN 1230			WHAZ 790	
1924		WABS 1230	W88R 1230		WSAY 1290
1926	WHAP 1250	WJBY 694	WSOM 720		WLBE 1200
	698	1040			
4/26/27	930	1040	720		
	1010				
6/15/27	1270	1220	1170	790	
		WEVD			
12/01/27	1270	1220	1170	790	
11/11/28	1300	1300	1300	1300	
1930					
1934	WFAB				
1938					
3/25/41		1330	1330	1330	
1945					
1950					
1960			WPOW		
1970					
1980		WNYM			
1988					

Some interesting background information on the legendary WBNX-WAWZ time-sharing arrangement appeared in "DX News" a number of years ago, but I couldn't find it, so bear with me, as this is mostly from memory. In most of the four-way time-sharing arrangements created in New York in November of 1928, there was a dominant station that set about to take over the other three. The 1350-kilocycle set-up was no exception; here the kingpin was Standard-Cahill's WBNY. Italian-language station WCDA and the Madison Square Garden outlet WMSG may have been easy targets for Standard-Cahill, but the owners of WBNY were determined not to relinquish their broadcast hours without a fight. They simply did not want WKHQ to take full control of the frequency. When the WBNY owners realized they couldn't win, they hastily arranged to sell their station to an established religious group, the "Pillar of Fire", which would be more capable of preventing WKHQ from taking complete control of the frequency. The transaction was completed under a veil of secrecy, and WBNY became WAWZ. When they found out what had happened, the WKHQ owners were enraged, but then they did a very odd thing. They attempted to rename their station to that of their old rival, WBNY, perhaps to capture their old audience. Prevented from doing so by the regulations of the time, they instead became the next closest thing, WBNX. The uneasy time-sharing relationship between WAWZ and WBNX persisted for an incredible 53 years!

Stations on this chart with a much briefer history include Medford Park's WTRF (Technical Radio Labs) and New York City's WMHA.

1922						
1924		WWGL 1420				
1926		WMSG 1410	WKBC 1052	WBNY 1430	WTRF 1070	WMHA 1300
4/26/27	WCDA 1250	990	1040	1010	1070	
6/15/27	1420	1070	1370	1270	1450	
12/01/27	1420	1270	1370	1270	1450	
11/11/28	1350	WPUB WMSG 1350	1350	1350		
1930			WBNX	WAWZ		
1934						
1938						
3/25/41			1380	1380		
1945						
1950						
1960	WHTG 1350	WNNJ 1360			WHTG 1410	
1980						
1988			WKDM			

One of the most celebrated battlegrounds of the time-sharing wars of the 1930's was Brooklyn, New York, where four evenly-matched stations battled it out tooth and nail for supremacy on the 1400 kilocycle frequency. The fight eventually ended in a draw. Shortly after the frequency shifted up to 1430 kilocycles in 1941, the four scarred and weary rivals merged into a single station, WBYN. But according to Ernie Cooper, the four owners continued fighting among themselves even after the merger was completed. Later in the 1940's the station was purchased by the "Newark News" and relocated across the Hudson as WNJR.

Although it is well outside the scope of this project, the history of WOKO, Albany is also depicted. This is because the station originated in New York City, then later migrated north to Peekskill, then to Poughkeepsie, and finally to Albany. Recent call-letter changes are not shown.

Also, I'm not really certain of the year Long Island's WNYG began operations.

1922					WSAP 830	
1924					1400	
1926	WBBC 1200	WCGU 885	WFRL 1460	WARS 1010	WSDA 1140	WOKO 1290
4/26/27	1120	855	910	1016	1140	
	1160	1300	1460	1190	1140	
6/15/27	1320	1420	1370	1320	1320	1390
		1370	WLTH 1170	WARS/ WSDA 1320		
12/01/27	1320	1370	1170	1320		1390
				WSGH/ WSDA 1400		
11/11/28	1400	1400	1400	1400		1440
1930				WFOX		1430
1934		WARD		WFWW WVFW		
1938						
3/25/41	1430	1430	1430	1430		1460
	WBYN					
1945				WCTC 1450		
1950	WNJR				WVOX 1460	
1960			WNYG 1440			
1970						
1980						
1988						

The time-sharing arrangement formed in November of 1928 on 1450 kilocycles was made up of four small North Jersey broadcasters: WBS (Elizabeth), WKBO (Jersey City), WNJ (Newark), and WBMS (Union City). It appears from newspaper listings that WBS and WKBO merged into a single station with a dual callsign around 1930; this opened the door for a new station, WHOM of Jersey City, to begin operating. Perhaps WHOM had substantial financial backing, but whatever the reason, it appears to have had little difficulty in rapidly absorbing its fellow share-timers.

This chart also shows WNO of Jersey City, WIBI of Flushing, and ... hey, wait a minute! What is Washington, D.C.'s WTOP doing on a chart of New York area stations? Well, Jim Roggentine sends us the amazing story that WTOP actually began in 1926 in the Big Apple - as WTRC (Twelfth Assembly District Republican Club). In the summer of the following year it relocated to Virginia as WTPF, becoming one of the nation's most powerful broadcasters of its day. It became WJSV a short time later, moved to the nation's capital in the mid-1930's, and became WTOP in the 1940's. The way WTOP booms into the New York metropolitan area at night, it may as well have a place on these charts!

1922		WNO				
1924			WRAZ 1290			
1926	WBS 1480 1450	WKBO 1410 634 1410	WCBX WNJ 857 850	WBMS 1340	WIBI 1370	WTRC 1250 1256 1250
4/26/27	1450	1410	850	1340	1370	1250
6/15/27	1470	1370	1070	1120	1120	1470 WTFF
12/01/27	1470	1370	1120	1500	1500 WGOP	1480 WJSV
11/11/28	1450	1450	1450	1450		1480
1930	WHOM	WBS/ WKBO				
1934						
1938						
3/25/41	1480					1500 WTOP
1945						
1950						
1960					WFYI 1520	
1970			WKER 1500	WRAN 1510	WTHE	
1980	WJIT					
1988				WMHQ		

We already saw on Chart #6 how a number of pint-sized New York area stations survived on graveyard channels; our final chart in this series presents another tale of amazing longevity. Four tiny metropolitan area stations were assigned to share time on the 1500 kilocycle graveyard channel in November of 1928. Two of them - WLBX and WMBQ - didn't make it through the 1930's. But the other two, WWRL and WCLB (later WCNW) remained afloat long enough to be upgraded to the newly-created 1600 kilocycle regional channel in March of 1941. Shortly thereafter, WCNW moved to 1190 kilocycles as WLIB, thus bringing another time-sharing arrangement to a close. The WWRL call-letters incidently stand for "Woodside Radio Labs"; this is the only one of three-dozen or so callsigns that sprang up in metropolitan New York in the mid-1920's "deregulation" era to survive to this day.

Also on this chart is WEAM, licensed to North Plainfield, N.J. throughout most of the 1920's.

1922	WEAM					
1924	1190					
1926	1150					
4/26/27		WLBX 1070 1300	WMBQ 1430	WWRL 1160	WBKN 1030 1210	
6/15/27	1250 1140	1470	1470	1120	1120	
12/01/27	1140	1470	1470	1500	1500	WCLB
11/11/28	1370	1500	1500	1500	1500	
1930						WMIL WCLB
1934		W2XR 1550				WCNW
1938						
3/25/41		WQXR 1560			1600	1600 WLIB 1190
1945						
1950			WCRV 1580			
1960	WERA 1590					
1970						
1980			WSRR			
1988						

The Answer Man

R. J. Edmunds

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"No Question Is A Dumb Question"

Answers to members' questions, from the basic to the technical

Hello, again - activity has been a little light lately, so put on your thinking caps and get those questions rolling in. We've a couple of new questions this time, plus some further amplification of some issues covered in prior columns as well.

QUESTION: I'm interested in purchasing some equipment, but I'm looking for a larger source than the NRC can supply through DXChange. Is there such a source?

ANSWER: Yes, there is. I've not seen it mentioned in these pages in some time. There is a publication called Ham Trader which is published by A. L. Brand, P. O. Box 2057, Glen Ellyn, IL 60138, which is a twice-monthly classified ad paper of 10-12 pages each, loaded with radio, ham, computer and related items for sale, for trade, or wanted. The cost for a subscription is \$13 per year or \$ per 4 issues. The cost of ads is \$ 0.30 per word or number to noncommercial subscribers. I've been a subscriber since I first edited DXChange over ten years ago, and it's most useful.

Another source is the classified sections of the major Amateur Radio magazines such as QST or Z3. Although the information isn't as current, copies may be purchased singly at radio stores. All of these publications contain ads for ham flea markets, as well, which can be a good hands-on source of equipment.

QUESTION: How is it that during or after an aurora, some stations to the South will be weaker than normal, while some to the north will remain quite strong, when the reverse effect is supposed to be the norm? (Pardon me, Paul, for rephrasing your Musings question-RJE)

ANSWER: There are at least two possible scenarios here, and without a lot more detail, I'd be hard pressed to determine which was responsible, but I'll go over the two most likely ones here.

During (and after) a large auroral disturbance such as this, various sizes of particles group together at about the height of the "E" layer to form Sporadic E. This produces sporadic (what else?) "clouds" which act as if they were a real layer to signals reaching them. The result is a seemingly anomalous reflection. Frequently, the Sporadic E clouds appear to move from East to West or from Northeast to Southwest, as time progresses. It is most usually found during the hours between local sunset and local midnight. The westward movement results from the earth's rotation beneath these areas.

Another effect which is more familiar to those of us who have DX'ed auroral conditions from the Northeast occurs elsewhere only during the strongest of storms. Most of us are familiar with the so-called "enhanced groundwave" effect which is indicative of the auroral absorption of the skywave components of signals, leaving only the groundwave. Stations which are normally received by skywave only are absent, while those which may be normally received by both modes arrive only by groundwave. Depending on the extent of the skywave absorption, the frequencies involved, and the receiver and transmitter locations, it is possible that the southerly stations might be disturbed (either the skywave is partially absorbed, or normally skywave/groundwave signal has the entire skywave component absorbed) while the northerly ones might be propagating by groundwave. Depending upon the nature of the conductivity along the groundwave path, the northerly stations could exhibit stronger signals than the southerly on differ-

ent frequencies. Cochannel skywave interference from other stations which might not be fully audible could also degrade the groundwave signals from the southerly stations so that they might appear weaker as well.

Without getting too technical, I hope that this sheds a little light on the question.

COMMENT: Expanding a bit on the discussion of interference from a strong local station of a couple of columns ago, I'd like to cite some relevant portions of a piece by Gordon Nelson which appeared in DXN over twenty years ago, discussing this subject.

"What does this (the FCC adjacent channel interference regulations - RJE) mean to the MW DX'er in practical terms? Consider the case of 30 kw. WRKO on 680 kHz.:

- On any frequency up to 30 kHz. from 680, i. e. from 650 to 710 kHz., the amount of splash allowed by the FCC is the same as would be produced by a 158 watt transmitter at the WRKO transmitter site.
- On any frequency up to 75 kHz. from 680, i. e. from 605 to 755 kHz., the permitted splash radiation is the same as would be produced by a 15.8 watt transmitter.
- Outside the 75 kHz. limit, the allowable radiation falls off very sharply; in this case, all the way down to 500 microwatts.

But 15.8 watts isn't much, you say? Ordinarily it isn't, but when the transmitter is only a few miles away, it can make DX'ing for a weak signal very unpleasant, if not impossible."

The references in question in the FCC rules were (at that time) Section 73.40 of the FCC Rules and Regulations.

That should do it for this time! Let's get some more of your questions in here, pronto! 73's

Formats

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Changes in programming status: reported by NRC members and others

Bridgeport, CT's WCUM should soon go on the air - may be on as you read this. I went by the ex-WJBX studios the other day, and two very expensive cars, one with Connecticut vanity license plate WCUM were parked there. If the cars are any indication, this station will not go silent again, for a long time. With 1450 silent, the DX'ing has been most interesting on 1440-1460, and all stations have verified except for WFPG-1450, Atlantic City. Also, in Bridgeport, WICC-600 is up for sale, is losing \$20,000 monthly, the union representing 22 news and on air personnel is trying to block the sale, the potential owner has announced that they will change the format, and have advertised for on air personnel in the trade papers.

Rus Scotka, of Pompano Beach, FL notes that WNNN-980 is at the bottom of the local ratings. He asks if that station is part of a network...and the answer is yes, and 4-5 other stations receive feed from this station. One is WMMW-1470, Meriden, CT, and another is WNNW - 1110, Salem, NH. Neither are cash cows nor have been, and both relied on this motivational stuff to build an audience. I doubt if the format will last...another example of an interesting but short lived format.

And Eric Bueneman comments from Atlanta that with James Dobson's deal for 920 falling through, and WAVO-1420, Decatur now silent, there are now 15 religion formatted stations audible on

38 AM and FM in that market. Breaking them down, there are three general religion stations, five contemporary Christian, two Southern Gospel, one EZL gospel/Christian information, and four Black Gospel stations. Ye editor says that Saint Peter could not do better inside the pearly gates!

Our contributions flow from Geov Parrish (P), Pete Taylor, of CA (T), Russell Scotko, of FL. (S), Eric Bueneman (B), and the ever reliable M Street Journal. All aboard...here we go!

550	WASG	AL	Atmore	- AC (B).
590	WKLL	IL	Wood River	- SMN "Kool Gold" (B).
620	WTRP	GA	LaGrange	- AC, call standas for <u>Troup</u> County (B).
630	KXOK	MO	St Louis	- All news (M).
920	WPTX	MD	Lexington Park	- AC (M).
930	WJBY	AL	Rainbow City	- CWM (B).
940	WGFP	MA	Webster	- AC (M).
950	KAHI	CA	Auburn	- SMN AC (M).
980	WLMX	GA	Rossville	- AC, oldies //FM (M).
1060	KTOZ	MO	Springfield	- Adult standards (M).
1080	WFTD	GA	Marietta	- Christian Info, EZL Gospel from Skylight network, UPI News (B).
1090	CKKW	ON	Kitchener	- Now CHR (P).
1150	KVRE	CA	Santa Rosa	- "AC Alternative" (T).
1170	WAIA	FL	St Augustine	- "Visitors' Information Radio", TIS and advs. for local businesses (S).
1230	KAMJ	AZ	Phoenix	- All Sports!!! (GP).
1230	KLAV	NV	Las Vegas	- CWM, Sports (M).
1240	WCBY	MI	Cheboygan	- Adult Standards (M).
1270	WYYN	FL	Tallahassee	- Ex-WTNT, CWM, now gambling on motivational talk (M).
1280	WNPT	AL	Tuscaloosa	- News, sports, oldies (M).
1290	WCHK	GA	Canton	- CWM//FM, call standas for Cherokee County (B).
1300	KPMO	CA	Mensocino	- News, Talk (M).
1320	KRLW	AR	Walnut Ridge	- CWM // FM (M).
1330	WKDP	KY	Corbin	- CWM // FM (M).
1340	KATA	CA	Arcata	- Oldies (M).
1340	WIGO	GA	Atlanta	- Motown Oldies (B).
1360	KASH	CA	Modesto	- Adds Business News days(M).
1400	WWXX	GA	Alpharetta	- Back on w/ Financial News (B).
1400	KFBN	CA	Berkeley	- Money Radio net, only local input is Metro Traffic (T).
1410	WLAQ	GA	Rome	- AC (B).
1410	WZAL	GA	McDonough	- AC, from 1540 on 4/3/89 (B).
1420	WAVO	GA	Decatur	- Silent (B).
1440	KJLO	LA	Monroe	- CWM // FM (M).
1460	KZXR	CA	Salinas	- Heavy metal (T).
1490	WYVZ	GA	Jasper	- CWM (B).
1500	KSJX	CA	San Jose	- All Money radio Net, some local news during AM drive (T).
1510	WKKU	MA	Boston	- Ex-WSSH, now automated CWM (TF).
1520	KYND	TX	Cypress	- New station, CWM (M).
1550	WNTA	GA	Augusta	- EX-WTMB, Gospel, now News/talk (M).
1550	KFST	MO	St Joseph	- CWM (M).
1560	WLJA	GA	Ellijay	- CWM // FM (B).
1590	KMOZ	MO	Rolla	- EZL (B).

WCUM - 1450, Bridgeport, CT., signed on the air on the old WJBX frequency at 10:00AM on April 16. The old WJBX studios are being used, and the State Street Extension address is still good. WCUM, for the Cumbre Broadcasting Company, is all Spanish, with lots of music, musical sounders, references to "Radio Cumbre", 30 second intros for the news, mentioning Havana, San Juan, Miami and other tropical and subtropical locations, in a torrent of Spanish. The station is, of course, NSP. Old WJBX's passing allowed about six weeks of DX on 1450, and WFPB (who never verified) and WILM (the V/S is a DX'er) predominated the frequency. I heard nine new stations, and six verified.

The formats have piled up, and this edition is brought to you by Dave Schmidt, and The M Street Journal. All aboard!

590	KAQQ	WA	Spokane	- Transtar AM standards (M).
710	KBXG	CO	Denver	- Ex-KBPI, now talk (M).
740	WLWI	AL	Montgomery	- Oldies (M).
790	KCEE	AZ	Tuscon	- Oldies //FM (M).

930	WJBY	AL	Rainbow City	- CWM (M).
950	KMER	WY	Kemmerer	- CWM (M).
970	WHWB	VT	Rutland	- CWM (M).
1080	KLRS	CA	Santa Cruz	- PM Breeze New Age (M).
1150	KIIS	CA	Los Angeles	- CHR // FM (M).
1150	WMET	MD	Gaithersburg	- Silent (DS). The former WJOK, all humor station (TF).
1210	WCAU	PA	Philadelphia	- All talk radio, to compete with long-successful WWDB-FM (DS).
1230	KKUL	MT	Hardin	- Silent (M).
1280	WSUX	DE	Seaford	- Still SMN AC (DS).
1310	WGKR	FL	Perry	- Silent (M).
1340	WKGW	TN	Knoxville	- UC again (M).
1350	WCBA	NY	Corning	- Transtar AM Standards (M).
1360	WWBZ	NJ	Vineland	- Silent (DS). Glassboro State Teachers College is thinking about taking over the frequency for its use. (Al Holtz-Conrail).
1370	WBYE	AL	Calera	- Silent (M).
1380	WAMS	DE	Wilmington	- SMN Kool oldies at night (DS).
1400	KHTZ	CA	Visalia	- Adult Standards (M).
1400	WIDE	ME	Biddeford	- News, talk, sports (M).
1440	KJLO	LA	Monroe	- SMN Heart and Soul oldies (M).
1450	KSEL	NM	Portales	- AC, CWM, variety // FM (M).
1460	WBNS	OH	Columbus	- Trans AM standards (M).
1510	WVXX	PA	Monroeville	- Modern rock "X-15" (M).
1590	WCHB	PA	Chambersburg	- Silent (DS).
1590	WKTP	TN	Jonesborough	- EZL (M).

All for now..a lot of silent AM stations that have been around for a long time. And thanks to the M Street Journal and Dave Schmidt for their contributions.

73's *73*

ACTION IN DOCKET CASE
FCC ADOPTS TECHNICAL AMENDMENT TO ITS RULE DESIGNED
TO IMPROVE THE QUALITY OF AM BROADCAST SERVICE
(MM DOCKET 88-376)

-via Pete Kemp

As part of its continuing effort to improve the quality of [the] AM broadcast service, the FCC today adopted the National Radio Systems Committee (NRSC) emission limitation known as NRSC-2 as a new AM broadcast standard, beginning June 30, 1994. To facilitate the implementation of this standard, the FCC also announced that until June 30, 1994, stations adhering to NRSC-1 audio pre-emphasis will be presumed to comply with NRSC-2 in the absence of specific information to the contrary.

Currently, AM stations are permitted to transmit a radio frequency signal with a bandwidth of up to 30 kHz. However, the majority of consumer receivers are designed with a much narrower receiver bandwidth so as to reduce the effects of interference from adjacent channel stations. This severely reduces the audio fidelity of AM radios. In an attempt to overcome this fidelity limitation, many broadcasters pre-emphasize, or "boost," the higher audio frequencies which exacerbates adjacent channel interference.

The NRSC developed two standards designed to reduce adjacent channel interference. They are: the NRSC-1 audio standards which establishes limits on program audio frequency response that will often, but not always, reduce adjacent channel interference; and the NRSC-2 emission limitation, which limits the RF bandwidth of emitted signals that actually cause interference.

Although many commenters urged adoption of the audio processing standard, the FCC concluded that meaningful adjacent channel interference improvements could best be obtained by restricting emissions. The FCC offered the following basis for this conclusion: 1) used alone, the NRSC-1 audio standard will not be effective in alleviating interference produced by overmodulation or transmission system anomalies; 2) the characteristics of the audio response intended to be produced by the NRSC-1 filter can be readily circumvented or abused by adjustments made to other audio processing equipment; and 3) to the extent NRSC-1 specifies a particular pre-emphasis of audio signals below 10 kHz, it restricts the flexibility of licensees in adjusting their audio processing equipment.

Until June 30, 1994, stations employing the NRSC-1 will be presumed to comply with NRSC-2 in the absence of specific information to the contrary and will not be required to make periodic emission measurements as required by the FCC



rules. However, the presumption of compliance with the emission limits may be rebutted by technical evidence of noncompliance.

If the FCC receives interference complaints containing such evidence, it will require licensees to make their own measurements and take appropriate corrective action. Licensees of existing stations who wish to operate pursuant to this presumptive compliance alternative must adhere to the NRSC-1 standard by June 30, 1990. Licensees of new AM stations who wish to operate pursuant to this alternative must comply with the NRSC-1 standard upon commencement of operation.

Action by the Commission April 12, 1989, by Report and Order. Commissioners Patrick (Chairman), Quello and Dennis

Sec. 73.3999 Enforcement of 18 U.S.C. 1464 (Restrictions on the transmission of obscene or indecent language).

The Commission will enforce the provisions of section 1464 of the United States Criminal Code, 18 U.S.C. 1464 on a twenty-four hour per day basis in accordance with Pub. L. No. 100-459.



KOLT 1320
P.O. Box 660
Scottsbluff, Nebraska 69361

United States Code, title 18, Sec 1464

Whoever utters any obscene, indecent, or profane language by means of radio communications, shall be fined not more than \$10,000 or imprisoned not more than two years, or both.

Public Law 100-459 SEC 608. By January 31, 1989, the Federal Communications Commission shall promulgate regulations in accordance with section 1464, title 18, United States Code, to enforce the provisions of such section on a 24 hour per day basis.

Contests

George Sherman
104 Pinewood Circle
Apple Valley, MN 55124

Promotion of the DX hobby through competitive listening.

Contests- George Sherman, 104 Pinewood Circle, Apple Valley, MN 55124

Final Contest Standings 1988-89

	A	B&C	D	E	F	G	H	I	J
Jeff Tynan, Parker, CO	<u>5297</u>	<u>1962</u>	100	<u>19</u>	<u>176</u>	2	0	0	0
Robert Kramer, Chicago, IL	4522	1707	<u>216</u>	9	23	4	0	0	0
Wayne Heinen, Aurora, CO	2945	1835	39	5	56	0	1	0	1
John Wilkins, Wheat Ridge, CO	2467	1412	63	3	33	0	0	1	1
Nancy Hardy, Aberdeen, WA	717	572	2	4	4	1	1	0	0
Bill Hardy, " "	594	419	3	2	2	1	1	0	0
Mike Hogan, Burnham, IL	121	96	0	0	0	0	0	0	0

A= total points B,C state & province points including handicap D= # of s/ons & s/offes
E= # of most likely stations heard F= # of other new logs G,H,I = 1st,2nd,3rd reports of new stations on air J= 1st report of return to air

FIRST REPORT OF NEW STATION 640 CFGM-ON RK-IL; 840 KVEG-NV NH-WA; 1010 KPSL-CA JT-CO; 1070 KWSA-OR BH-WA; 1100 WSGI-TN RK-IL; 1200 WMXA-IL RK-IL; CHMG-AB JT-CO; 1210 KOKK-SD RK-IL

SECOND REPORT 840 KVEG-NV BH-WA; 1010 KPSL-CA WH-CO; 1070 KWSA-OR NH-WA

THIRD REPORT 1010 KPSL-CA JW(ØW)-CO

RETURN 1240 KDGO-CO WH-CO; 1310 KPKA-CO JW(ØW)-CO

PRIZES HQ will issue certificates of credit for publications center purchases in these amounts A \$10 B&C \$5 D \$5 E \$5 F \$5 G,H,I,J (combined) \$5. Underlined are winners.

Musings of the Members

Mike and Sue Knitter

P. O. Box 24

Cambridge, WI 53523-0024

Times are local per Muse.

Thoughts from NRC members ... 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.

Gerry Thomas - Box 2036 - Pensacola, FL 32513

Whew! It's been a long time since I've contributed to these pages. Time, as usual, the culprit. I still turn on the radio most every day and give the dials a twirl, but I haven't engaged in any "hardcore" DXing in the past year or so. I was at the dials briefly the night of 3/17, the night of the tremendous solar activity effects. After work, I usually walk my dog in a large, open field near the house. This night, the 17th, I happened to glance at the northern sky and was almost knocked over when I saw the aurora dancing around! Incredible! I dashed back to the house and was astounded to find the ~~band~~ band (except for my locals) covered by LA's. No WSB, no WSM, no domestics north of Atmore, AL! According to the newspaper the next day, this was the first time that the aurora had been seen in Pensacola. Some of the real religious folks in the area thought it was the second coming (no joke), according to the paper. As timing would have it though, I had a three-hour lecture to write for the next day so my tour of the dial was very limited. Still, it was an experience to remember and tell my new daughter about some day. Amanda Jean is now over a year old and has shown a very strong interest in things electronic. No scanner, radio, stereo, or TV in the house is safe these days, hi. Most kids in a department store head straight for the toy department, Mandy makes a bee line to the car stereo display. [Maybe its because her name rhymes with 'Tandy', hi. -MK] On the local radio scene, Jimmy Swaggert's WHYM-610 is still on, as is the other religious station, WFFA-790. WBOP- (ex) 980 moved to 1230 KHz but kept its Black programming; WBSR-1450 was purchased by the owner of EZL FM'er WMEZ and is now robot oldies (after unsuccessfully trying EZL); WCOA-1370 carries on with its nx/occ soft rock format [news and 'occ' - what?? -mk]; and WFXP-980 (the only AM stereo in town) is up to 10 Kw and broadcasts non-stop golden oldies. Incidentally, the local newspaper last year ran a "Best Things in Pensacola" survey including "Best Radio Station". Guess what.. in direct opposition to the Arbitron ratings which are usually dominated by the FMs, the radio station receiving the most votes for "Best Radio Station" was, yep, WFXP-980AM! I'm sure they stuffed the ballot boxes but the other stations were trying to do the same. Since then two FM'ers, WKRG and WAVH, have gone golden oldies, so I'm sure WFXP has suffered. Still waiting for a full-time talk station to come to town; closest is WTIK-690 New Orleans, really good. That's about it for now. Oh, yeah, if I owe you a letter you might consider dropping me another card. Earlier this year, our mail man was convicted of disposing of the US Mail. They found 10 tons in the woods behind his house (letters to my PO Box should have arrived, however). 73's...GT

Bill Alisaukas - 7553 Hillside Dr. - Douglasville, GA 30134-3332

Hi all! Just a quick line to say hello and make mention of a couple of changes in local radio. First, WSLE-1440 has modified its format slightly - it's now OLD from 6 am sign-on to 4 pm, and Southern Gospel to sign-off. And, as of 5/8, WPPI-1330 will have switched to an all-OLD format. WFLK-1220 Rockmart has switched from OLD to C&W, and, as many local members know, WPBD-640 is gone and is now WSGT - who is simulcasting on 920 and 640 for "about a month while they get the 'bugs' out on 640". Also, it seemed, WQXI-790 - something new? Maybe someone else has more! Well, that's about all for now, not much doing DX-wise. Happy Summer to all. 73

ANYONE WANT A 1971 RADIO ??

Gene Martin - 3303 E. Evans Avenue - Denver, CO 80210

I want to give away a radio, preferably to some club member with the technical know-how to restore it to good working order. It is a Norelco, made in Holland, which I acquired here in Denver about 1971, for about \$190 as I recall it now. The Norelco type number on it is 22RH781/44, which I suppose is Norelco's equivalent of a model number. Dimensions are 20 inches long, eight deep and 4 inches high. It is AM & FM stereo, shortwave 6 to 10MHz and longwave,



150 to 380 kHz. The two broadcast bands on it are 530 to 1430 and 1390 to 1650kHz. The BCB has been pretty useless in recent years, but the FM side still functions. The single feature that persuaded me to buy it was fact that it offered the longwaves for I've always wanted to DX there, but I found them afflicted with local images when the receiver was connected to a long wire, and my dial markings to locate Allouis and Saarlouis never produced a trans-Atlantic peep. Both of these had been splendid performers for me in Cleveland in 1963-64, on my 1957 Norelco BX433A/51. I'd be happy to give that one away too. This old one was a much better DXing receiver than the newer Norelco, and in addition it offered beautiful tone quality for a monaural receiver. Putting that one into good working order would be a bigger job. I suppose I'd better persuade myself to throw the old one away although I am reluctant to do it. Maybe all DXers develop a certain affection for fine old receivers that had given them so many great DXing memories.

Russell Lay - 2071 Hollywood Dr. - Lawrenceville, GA 30244

Thought I'd take some time to drop in a Muse. I joined the NRC about 18 months ago and I really enjoy it. I am primarily an SW DXer, but I dabble in MW from time to time; thus, I joined the NRC to find out more about the MW side of the DX hobby. Since I have been a member, one of the situations I have been most interested in has been the various members comments, re: the problems of AM radio. With crowded bands, direct satellites, and poor programming, we have gone thru much the same debate on the SW side. Since my contact with AM stations is about 99% as a true listener and 1% as a DXer, I thought I might offer a non-DX'er's point of view about why I don't listen to AM as much as FM. It's probably too long for a Muse, so feel free to edit or put it in installments or whatever! Here goes... One of the reasons I've seen quoted for AM's slippage concerns fidelity. It seems FM stereo took all of the good formats from AM and made them better. To an extent I agree with that; music sounds better in stereo. However, that is not the whole story. First, there are still plenty of formats where stereo is not needed, such as news, talk, information. Secondly, we now have AM stereo to consider. I would like to talk about that, since it generates a lot of comments in our magazine. I have seen many claims by members and manufacturers that AM stereo sounds as good as FM stereo. I own two AM stereo rigs (one in my car, and one Radio Shack unit run thru my home stereo complete with equalizers, power amps, etc.) and my bass has yet another AM stereo in his Nissan. Sorry, guys, but even if you have a tin ear, there is no way AM stereo comes close to FM stereo. In fact, in the 4/24 issue Eric Bueneman used the example of WQXI AM-FM (which simulcasts) as proof that AM stereo sounds better than the FM stereo counterpart. Not in a zillion years! The AM stereo signal provides separation and it is 100% better than AM mono in terms of fullness and range of music. However, put up against FM stereo, it's about 100% worse. It's hard to explain if you've never heard it, but I'll try. On FM stereo, you can hear a guitar string in the foreground with full sounds as if you were there. A drum beat sounds like a drum, and a cymbal hisses. On AM stereo the guitar loses its fullness, the drum sounds like a thud in the background, and you might not hear the cymbal at all. In fact, there are many sounds on AM stereo you can't hear, switch to FM and they are there. That said, should we say AM stereo will fail? No, because I assume the technology will get better. Even if it doesn't, AM stereo still sounds much better than mono and that is the key. In any given format, an AM station will lose to the FM due to fidelity if music is involved. However, there are plenty of musical formats not available on FM, and in this case, AM stereo is perfect. In Atlanta, the FM band lacks classical, jazz, new age, black oldies, and ethnic music. In these situations, AM stereo will work. Just get some receivers in the hands of the masses! Another area I've seen many comments about is formats. There are plenty of formats for AM to use. In most towns you will find the FM band lacking some of these: news, talk, business news, oldies, classic rock, classical, jazz, contemporary Christian, new age, educational, diversified. AM stations can grab all of those and more. The reason most AM stations don't or fail when they do is discussed next. The reason I don't listen to AM, and the reason most of my friends don't is simple ... coverage. The FCC never caught on to the fact that most people live in large urban/suburban areas. Twenty years ago, Alpharetta was a small town far removed from what went on in Atlanta. Now, it's a suburb. Does it need its own AM station on 1400? Of course not. 80% of Alpharetta's population gets in car every day and drives 20-30 miles towards Atlanta. WWXX has a great format, Money Radio. Moreover, Alpharetta is home to many yuppies who would like Money Radio. But ten miles down the road, WWXX drops off your car radio. By the time you get to work, WWXX won't make it to your office radio. Who needs it? Daytime only stations are even worse. In the winter you can't hear them going to or coming from work because it's dark. You can't hear them at night either as you go out to eat or whatever. The 24 hour stations have the same problems. Their night powers and antenna patterns greatly limit their coverage. Here in Lawrenceville,

which is now a major Atlanta suburb, the only local AM station I can hear at night with a good signal is WSB. If you want to save AM, you need to cull a great many stations from the dial. If every geographical area can have six or seven AM stations that can be heard well, no matter where you are, AM will be viable. My radical suggestions are as follows: a) through attrition or letting other stations buy them and make them silent, get rid of all daytime only stations, b) get rid of the 50Kw clear and semi-clear channels. Why does NYC or Chicago need so many 50Kw stations? c) quit putting new stations on the air for the time being, d) eliminate graveyard channels, e) when all that is done, spread out what is left across the dial, including the new band above 1600. If you look at Europe, many nations use AM as they should. They take advantage of the distance AM allows by grouping small numbers of stations with programs (networks) geared to a wide audience. Thus, as you travel the UK, you can hear BBC-1 on AM wherever you go. Let FM cover local audiences, and let AM do its thing... a few stations covering a wide area with minimal interference. That's all for now. (A rebuttal, of sorts, to your statements about AM stereo. Several AM stations audible in Los Angeles sound excellent in stereo ... KRTH-930 [Kahn], KBOI-670 [C-QUAM], and even KNX-1070 [C-QUAM] sound excellent. Locally, only KV00-1170 and KOMA-1520 approach FM sound quality; WDAF-610 [C-QUAM] sounds flat, almost a copy of KFI-640, and the bass sound is distorted. So the sound quality of your locals may also be as poor as mine. Perhaps the new FCC-approved NRSC-2 standard for AM stations will promote better quality sound. Meanwhile ... the best sound on AM radio that reaches Topeka is ... R. Sandino-750! -pls)

Paul Routenburg - 440 Viewmount Drive - Nepean, ON K2E 7P2

I haven't Mused for about 2 years, so I decided it was time I added my 2 cents worth. DX activity over the past few months has been fairly minimal due to work on my Phd., and some rather traumatic personal experiences late last fall. Only in the past couple of months has my interest in radio activity returned. The solar activity of the past few months has provided some interesting listening, particularly on 13 March when several new Latins were added to the log. Almost all of my interest on BCB is now directed towards foreign DX. Since I'm usually never home at sunset, and prefer to chase Latins and Asians on shortwave at sunrise, that doesn't leave a lot of prime BCB listening time. I do sometimes listen on Monday mornings. About the only 2 pest stations which regularly go off are WQXR (a big pest) and WLUP. 1000 KHz can be an interesting freq if conditions are good with Brazil, Virgin Island and KOMO among others heard there. Last May was when I heard KOMO on 2 consecutive weeks, and not since! ... Due to work on my Phd (software development related to the experiment I collaborate on), I will be spending the period from July to December living in France and working just across the border near Geneva. It should be interesting DXing - no Larry King, Talknet or grossly overmodulated signals. I think no King alone is worth it! Since last September I've spent 2 months there... Another recent interesting event was a trip with NRC'er **Niel Wolfish** to attend a Michigan Area Radio Enthusiasts (MARE) DXpedition. We got to catch up on the exciting world of Detroit area radio - not an experience for the faint of heart! ... Many stations more and more are not using call letters - now we have "54 Rock" (CJSB), at least a welcome change from all the yuppie-oriented crap that the Ottawa area has seen over the past few years. ... Paul - Keep up the fine job on DX NEWS!! (Thanks - keep the good stuff coming in! -pls) Forward - June!... 73s.

Chris Cuomo - 670 Third Avenue - Verona, PA 15147-1349

Thanks go out to everyone who helped with the address of XETRA. I am still looking for a list of all Mexican AM stations including low-powers. I really don't want to get an old Vane Jones Log because there are too many DX logs in this den now. If someone can Xerox the list, that would be great. I will trade stickers for it or reimburse for copying cost and postage. I am also looking for lists of North American navigation beacons on the medium wave band and VHF U.S. Coast Guard Stations. Along with the latest Bandskans column I have sent to Paul a copy of an article that appeared in the November 1977 issue of Popular Electronics about pirate radio. The NRC was mentioned several times in the article. Among the mid-seventies pirates mentioned in the article were WHGC which operated out of the back of a Charlottesville, VA church and a relay of WDRC-FM Hartford, CT. The article states that NRC members extracted veries from WHGC and along with the CE of WDRC-FM used direction-finding techniques to locate the illegal relay. I would love to hear from the NRC members mentioned in the article about the stations. I am also looking for airchecks of pirate radio stations, preferably the ones that air rock music and obscenities, but any ones will do. I'll return the tape and reimburse you for any postage. I'm still trying to hear either of the two Pittsburgh Pirates (hi) on AM. I do hear a pirate on the unlikely frequency of



470.1 MHz who plays rock albums. A couple of issues ago, I gazed into my crystal ball and predicted the futures of AM formats. Some other radio happenings I predict for the '90's: Look for local chapters of political parties and organizations to broadcast, if not by 2000 then 2010, and for the FCC to consider low-power commercial AM. Per the back of their bumper stickers, WCCS-1160 Homer City, PA has increased their power to 10,000 watts. This small station, I am told, operates out of a trailer. I may get a chance to tour this station and if so write a station history about it. Write the power change in your log. DX wise, nothing has happened here in months. I've spent most of my time searching in vain for TIS's and pirates. Hope things are going better for you. I am looking for a loop antenna to put some life back into my DX'ing. Any recommendations? 73s.

Ken Onyschuk - 19110 Pine Dr. - Country Club Hills, IL 60478

Hello again to all you devoted DXers. It's April again, baseball time! I'll be scanning the dial again for Cub, Sox, Brewers and Reds games. I am very disappointed that WMAQ didn't retain Lorn Brown and replaced him. I understand that since Westinghouse replaced NBC as WMAQ's owners, they felt they had a right to choose their own Sox announcers and they did. I will miss Mr. Brown, but hope he does show up somewhere in the area soon. He is one super announcer. DX'ing - I've done some - 2/15, I parked on usually quiet 910 KHz before 8pm and WEPG surfaced nicely with C&W music, ID'ed at 8pm, Jasper-South Pittsburg, TN, then more music. Just alone for 10 minutes then faded, with WLS 4 miles west or so, only N-S DX is allowed here on nearby frequencies. Then on 3/28 on vacation. I was trying for WBAL in KAAV null and heard a religious program on WENR (an ex-Chicago Calls), TN. ID'd at 1 am. Thought this guy was days only? It quickly faded. I've got around 970 heard now. I found **Chris Cuomo's** Format article very interesting. Really had me in deep thought. What I like to hear versus what's available. I enjoy full service radio with MOR "oldies" and some spots. So briefly I'll comment: AdCon: No thanks; AOR: forget it; UC: some is ok; MYL: fine; CLA: fine while reading; C&W: no thanks; CHR: no thanks; EZL: ok; Ethnic: forget it, I do tolerate the Polish; REL: only patriotic programs; JAZ: decent at times; NWS/TLK: 30-60 min., then back to music; OLD: I have my selective favorites; VAR: okay; Sports: baseball & Basketball only; New Age: Good; BRN: No thanks; Children: No thanks; Travelers Info: two tape cycles then change the station; Inspirational: At certain times. I guess the market is limited, but I do like MOR. 1340 WJOL is fine, but the talk is on at the wrong hours. I still dislike network talk shows, I prefer local ones at night and prefer music on AM. Again I'm just a listener. As of 4/9, 1200 KHz, here is still thankfully silent. 1600 KHz local WCGO must be cutting back on expenses, on the weekends and late afternoons; they have recently added SUN network program. I just talked to Pat McDermott and she told me due to the personnel shortages, Mr. Santucci was forced to add syndicated talk shows. I've heard two feeds, one from WMCA New York and one from WSUN St. Pete, FL. I'll pass and listen to someone else. Enjoy the sports, whatever you like. And please, if a former daytimer goes fulltime, let us know. Thanx.

Morris Sorensen - Box 422 - Port Carling, ON POB 1J0

Hi. First of all I'd like to say that I'm pleased to see an FM column back in NRC. I haven't done much MW DX recently. On March 1st CJFP-1400 was in over semi-local CKCB for a while. A sunset opening to Ohio and PA on April 12th brought in WGRP-940, WVSC-990 and WCCD-1000 while the next day at the same time, I heard WKMC-1370. WEY2-1330 (ex-1450) is noted occasionally. Locally, CFBG-FM 100.9 Bracebridge has dropped all CBC programming and all relays of CFBK Huntsville. They have local programs from 6am - midnight and carry Telmedia's Coast to Coast overnight. They also have the exclusive rights to Toronto Blue Jays baseball in the District of Muckoka (formerly on CFBK). **Remiel Wolfish's** comments in the April 24th Issue, I don't think that the new CIXK 106.5 in Owen Sound will mean the demise of CFOS-560. The two have the same owners but completely separate programming. I agree with **Ernie Cooper** and others who wish to see more DX in **Musings**. 73. (Me, too - just not in list form which should go to IDXD or DDXD! -pls)

READ MY SAGA AND REACH FOR A LAGER
or, The Case of the Disappearing Receiver

**WYSL
RADIO 1030**

Ernest R. Cooper - 5 Anthony Street - Provincetown, MA 02657

NYC NRC'er **Chris Hansen** phoned me that he had seen an ad in a communications magazine offering for sale an R-390A and gave me the name and phone number to call. The name was a familiar one - **Harry Helms**, an ex-NRC'er, formerly of Fort Mill, SC and now living in San Diego. I called him and he told

me it was already sold. A couple of weeks later, Harry called me back on said he had placed an ad looking for a Hammarlund HQ-180A in a magazine, and had received five inquiries. He accepted two offers from guys on the West Coast and gave me the names and addresses of the other three. One was in Ohio; one in Rochester, NY and the other in Panama City, FL. I wrote all three. The guy in Rochester didn't answer; the one in Ohio said his set would need a first-class overhauling, and the one in Panama City said he'd sell me his, in good working order, for \$175, and he'd pay the shipping. I accepted this offer and mailed him a check for \$175 on 2/14/89. When 3/14 arrived and still no receiver, I wrote again to inquire what had happened, and the reply was that he had been in the hospital and would send the radio "next week". Came 4/4, and still no HQ-180A, and I called information to get his phone number and was told there was no such listing, so I wrote again and added a copy of the letter was going to my attorney. In the letter I asked that the deal be called off, unless the set was already on the way, and asked him to send me a money order or a bank teller's check for \$175 - not a personal check (as I had my doubts now about this guy). A telegram arrived in a few days saying the money was on the way, but it was nine days later that the check arrived - and it turned out to be indeed, a personal check. I will deposit it today, and hope for the best. So should any of you be in the market for an HQ-180A, steer clear of any reply you might get from Panama City, Florida! And so endeth my tale of woe, and a woeful DX season. [What happened to the radio!? Was there an explanation of what happened to it? was it sold? Was there ever a radio? Also, if he sent you a telegram, why didn't he just send the money?! Hope the check hasn't bounced on you. It's incidents like this that give DX'ers a bad name! - HQ] The GE Superadio can pull'em in fairly well. For example, I logged WCCZ-1550 on it but it took several mornings to ID it, since they're on the Sun Radio Network talk show and ID only at the top of the hour, and ID as WCCZ, New Smyrna Beach / Edgewater. The first time I caught only "Edgewater" and thought it was a new NJ station! But I see in the Atlas, Edgewater, FL is only a hop skip and a jump from New Smyrna Beach. It's good to see we'll have an FM column again this summer! OK, summer skies - bring on the FM DX! See y'all in Topeka! Forward - March!

John R. Malicky - 995 Shadycrest Road - Pittsburgh, PA 15216

Hello again everyone! For the past several months, DXing and most if not all correspondence to members and contributions to **DX NEWS** were put aside, for two reasons. One is that I'm now working full-time, since November 1st, for Shannon Optical Safety, an industrial safety supply company. Duties include warehouse stock, filling orders, shipping by UPS and transportation of goods (I drive the truck - hi!). We stock earplugs, gloves, helmets, respirators, glasses and many other items. Anyone who might be interested in purchasing and/or literature for your company or yourself, please let me know; enough for the plugging, hi. My 2nd reason was even more involving because for the past 5 months I trained averaging 40-50 miles a week to run my first ever marathon (which is only 26 miles 385 yards), the "Pittsburgh Marathon". On Sunday May 7th the race (?) went off at 9:45am with unusual freezing temps, sleet/rain and 20 degree wind chill! 4 hours 20 minutes later, after severe cramps and walking the last 2 of 5 miles, I finished to receive my medal (all who finish get one, though 1,000 runners who registered did not run) and pledged to do it again next year!? KDKA radio & TV broadcasted the event. My apologies to anyone who has written and not received an inquiry. Soon, I shall get back to you, so please bear with me. I almost feel like a non-verifying station! I was sorry to hear about the passing of **Tom Farmerie** as I did find him to be a very knowledgeable and interesting person. In my possession (though I can't find the negative) is a picture I took of **Tom** and **Ron Schatz** together from Enfield '83 convention. I was pleased to see fellow Pittsburgh NRC'er **Chris Cuomo** take over Bandscan and trust he will continue to do a fine job. His other contributions to **DX NEWS** have also looked good. Also, to **Eric Bueneman** who seems to be in another type of "Marathon" acquiring KXEN; Good Luck Eric! From back in September for Milwaukee '88, a MUSE that I wrote about the Convention was unfortunately lost and not printed. ["Travels with Malicky" appeared in DX NEWS issues 2 thru 5 - HQ] Plus, I noticed no one else summarized what happened. Aside from the car problem in Michigan City, IN, I enjoyed renewing friendships and meeting new friends. Because of rain Sunday, I drove around Milwaukee Monday morning for 3 hours getting shots of stations, breweries, other public places and my former home when I lived there in '57-'59. I hope to write another trip before and after Milwaukee story. I visited 33 stations in PA, Ohio and Indiana with 3 previously seen last year. My thanks for most directions go to **John Bowker**, **George Greene**, **Jerry Starr** and **Roger Winsor**. I must have been an "Ideal" Guest to talk about DX an NRC (or at least I was more informative) as 5 stations (!) interviewed me live or on tape. I have all the interviews on tape. Two stops (no interviews) where changes have since took place

were ex-WKNT-1520 Kent, OH and The Fire at WJTB-1040 Ohio. Finally, what little DX I can offer, (no veries/letters sent received since November). Here's some items: logged in January WCHL-1590 Cherryville, NC first time; looked for, but no sign of WZZZ-1300 test sked May 1; and locally WXVX-1510 dropped "live" 45 Oldies for New Wave music, WOXL 1540 Braddock on until Midnight and WWCS-540 all classical is or seems to be doing quite well (more ads, promos, giveaways, etc. and once in a while mentions "Where we don't ask you for money" - hi!). 73's to all and Keep up the Good Work Mike, Paul and Everyone! (Thanks! -pls)

WROD
1340 am

Radio Roundup

THE "MUSIC OF YOUR LIFE"

Pete Kamp KZ1Z - P.O. Box 73 - Bethel, CT 06801

Greetings all... WOR has been sold to Buckley Broadcasting... KNIX, in Phoenix, owned by Buck Owens, is getting together with the Satellite Music Network to syndicate a new country music programming service... WMC in Memphis has switched from country programming to the news-talk routine... Tom Shannon is moving from WGR to CKLW and will be replacing a Detroit radio veteran, Jay Roberts... KABC has filed a suit against KFI for their on air use of the slogan "Talk Radio". KFI claims the term is generic in nature and, of course, the ABC network has used this title for their network since 1972... (spelled "Talkradio" -pls) After a six month try WWKB has given up on satellite programming in favor of a national-local business format... WKZE in Sharon, CT has upped its power from 250 to 2,500 watts... Westwood One is being sued by ABC because the network feels that "Casey's Top 40 with Casey Kasem" is using promos similar to their "American Top 40"... WEZI in Memphis has signed on to carry baseball's St. Louis Cardinals' games... FCC Chairman Dennis Patrick has resigned... The Decisions Center Inc., has released a survey stating that college students listen to radio 11 hours a week, watch broadcast TV 6 hours a week and watch cable channels 3 hours a week... Garrison Keillor, of Prairie Home Companion fame, sure believes in long goodbyes. He has scheduled his 2nd Annual Farewell Performance in Los Angeles this coming June 10th (but his comeback is scheduled to start this fall! -pls) ... Spiff Carner and Randy Cook are the new morning team on WFOX, in Atlanta... Radio Marti is now broadcasting 24 hours a day... Here it comes R-D-S, Radio Data Systems. This new process, developed in Europe by the European Broadcasting Union, is a method of transmitting data on a carrier subchannel. Receivers so equipped to decode these signals will have station ID's, slogans and even traffic information flowing across their radio dials. European companies such as Volvo, Philips and a Ford subsidiary are exploring the possibilities. The system has been in use since 1987, in Europe. Here in the states WAVA-FM is currently experimenting with this new system... So much for now.

Paul Swearingen - Topeka, KS

Just a quick caveat - you may have spotted some rather strange overlaps and glitches in **musings** - sorry! I'll have to blame the Mac SE plus Mike's IIGS plus the conversion from Appleworks to Microsoft Works to PageMaker. It would seem that not all of the bugs have been worked out, and I don't have time to fumigate, character by character, as what I see on the screen is not exactly what prints out on the LaserWriter II. Check the front page of DXN for deadline dates - and the back page for correct address. Do I have to send labels to those of you who are still sending mail to my old address - the forwarding address expires sometime in June!?

Facts About NRC's DX Audio Service

The DX Audio Service, now in its third year of operation, provides the ONLY monthly broadcast news cassette service to the DX community.

The DX Audio Service, available to anyone anywhere, is designed to inform the radio listener in a way that is pleasing and informative. Many of the announcers on the service are professional broadcasters giving their free time to give the listener the finest service available.

DXAS was started to provide broadcast information, both AM and FM to the blind DX listener. It has evolved into a service for all types of listeners with material useful to all types of listeners. Many of our subscribers listen to the tape to and from their place of work while driving down the road.

One-year subscription, subscriber keeps the cassette each month: \$25

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Cassettes are mailed by First Class mail, on or about the 20th of the month. Information, subscriptions, renewals, sample copies: write to NRC DX Audio Service - P. O. Box 24 - Cambridge, WI 53523-0024. For back issues: NRC Publications Center.

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