



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 52 ISSUE 11

December 17, 1984

We need your help! We need to get in touch with Blind members of the Club or just blind members interested in Medium Wave DX News information. Have them contact us either by phone or by mail, a postcard will do just fine. We're planning on putting some of the DX NEWS on cassette but need to know what materials these people would want most on that tape. So lend us a hand and if you know a blind person that would be interested in such a service have them contact HQ. Thanks folks!

Well, looks like our new size type seems to have gotten some pretty good reviews. Thanks for the comments folks. There does seem to be a problem with the printable page size on your part. So...to repeat the dimensions one more time...by the way this applies to paper 8 1/2" wide. 1st page- 1 1/2" top, 1/2" bottom, 1/4" side margins, or 1" left margin. For those using PICA size type stay to 72 characters across, those with ELITE stay with 93 characters across. Single space, with 72 printed lines. Again the suggestion for the side margins is to leave a 1" margin on the left side of the paper and then you can go to the right edge without worry about the right margin requirements. we here will then center your column.

Thanks to all those that have sent Holiday Greetings and well wishes! We appreciate your kindness...it offsets all those hate letters we get all year!

So far, according to the Publication Center, no one has taken advantage of our low prices on these items, perhaps as they said, its too early yet to tell, we'll see how things go over the next few weeks. What was the offer? Well... The NRC MUG will be offered for \$4.00 U.S. Addresses, and for \$5.25 Canada & Overseas. The Nighttime Antenna Pattern Book will be offered for US\$6.00 for US & Canada Addresses and Overseas by surface mail, and US\$9.00 for Overseas Address via Airmail. The Updater for the Nighttime Antenna Pattern Book will be offered for US\$2.50 for anywhere. Now...what's the catch?? This offer is only good from now until December 25th and your order must be postmarked by December 25th; you must mention in your order the price and what issue of DX NEWS you read it in (so far it's been in issue 10 and 11). Any orders postmarked after December 25th for this special will be returned, so act today! Now that wasn't so hard and nothing to clip out of the magazine either! Ho-Ho-Ho

CPC TESTS: Times are Eastern Local Time

Dec 17 WLS-890 Chicago, IL. 0100-0600 will be off the air for maintenance & other things.
Monday Arranged by Al Resnik, CE, WLS and NRC member!

The following two tests/stations would appreciate a signal comparison report on these tests as they are making a study on skip conditions and skywave pattern.. on the stations.

Dec 31 WETB-790 Johnson City, TN 00030-0130 w/Tones, Rock Music, ID's. Reports to:
Monday C.W. Williams, WETB, Box 1716, Johnson City, TN 37603. Arranged by: Dave Schmidt

Dec 31 WJSO-1590 Johnson City, TN 0200-0300 w/5000w Non-DA, w/ regular programming
Monday from Transtar Network (Adult Contemporary) - Reports to: Paxton Durham, WJSO,
Box 1588, Johnson City, TN 37605. Arranged by: Dave Schmidt

LOOK INSIDE:

- | | | |
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| 2...AM Switch | 3...DOXD | 9...IDXD |
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THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

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CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
840 *New NE West Point	KWPN	1440 WBUY NC Lexington	WLXN
910 KHSP CA Hesperia	KVVQ	1450 WJQI NC New Bern	WNOS
1130 WGFU MS Gulfport	WAIZ	1480 KEHG MN Foston	KKCQ
1230 KIBS CA Bishop	KBOV	1490 KLYC MT Laurel	KNFL
1240 KSML AZ Globe	KYOR	1540 WYRG GA Sylvester	WXZE
1300 WPBM SC Aiken	WKLL	1580 WPUV VA Pulaski	WPSK
1340 KSET TX El Paso	KALY		

APPLICATIONS FOR NEW STATIONS

1230 NE Chardon: 1000/250 U1

GRANTS FOR NEW STATIONS

770 KY Nicholasville: 1000 D1
770 VA Cedar Bluff: 500 D1
830 OH Cortland: 1000 D1

APPLICATIONS FROM EXISTING FACILITIES

None

GRANTS TO EXISTING FACILITIES

1230 WGGG FL Gainesville: relocate XR
1240 WUSW FL Plant City: relocate XR
1360 WMAC GA Metter: power to 1000
1380 KAUL AR North Little Rock: night power to 5000
1390 KVLA LA Ridgcrest: moves to Vidalia, AL, to 1400 kHz 1000/250 U1

OTHERNESS

670 *App TN Farrigut: application for new station RETURNED
700 *App MD Walkersville: application for new station RETURNED
770 *App KY Bonnyman: application for new station RETURNED in the same agreement that granted the new Nicholasville, KY and Cedar Bluff, VA stations. The FCC is permitting the Bonnyman applicant to resubmit the application for a different frequency which was not specified.
830 WOKG OH Warren: application to move to here from 1570 DISMISSED in the same action that granted the new Cortland station on 830 kHz.
890 KQLX ND Liston: This new station (now on the air) is here rather than the previously listed 720 kHz. As confirmed by a phone conversation we had with the manager, they had applied for 720, then switched to 890 kHz. We checked back in all four of our info sources and NONE of them carried either the application or grant of this new frequency for KQLX, evidently this info fell through the cracks somewhere in the FCC's Public Release Department. Anyway, they are on 890 kHz, not 720 kHz, so change your Logbook accordingly. The people at the station are already aware that they caught most everybody by surprise. Thanks again, FCC! By the way, their address is 1206 South Main Street, Lisbon, ND 58054. Tis 1000 D1.

All for now, 73 and Good DX,

Jerry & BKF

Jerry Starr & Buffalo K. Foonman



SEASONS GREETINGS
From AM STEREO... 1500 WAAY
Our Christmas present to you is...

"WAAY RADIO'S AM STEREO"

WAAY is pleased to announce it is broadcasting in stereo. 1500 WAAY is among the few AM stations in America now broadcasting in stereo. You have now been able to hear for yourself what we too hear... a finer quality... with no hiss or fade. We hope you will find AM stereo a part of your life... and continue to enjoy WAAY. The WORD is out this Christmas Season... 1500 WAAY is now AM STEREO. HIT RADIO WAAY. SPREAD THE WORD!



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Here is the NRC column which is almost as much fun getting a bill with a Christmas card! When sending your items in, please type or neatly write, one side of the paper, skip a line or two between items, EST, etc. Writing small is tolerated, please enclose a bottle of Visine! Now, on with the show:



DX TESTS:

1260 WNRK DE 10/29 0120-0215 only TT, just barely audible u/WWDC/WEZE ET. (HH-FHC)

SPECIAL:

540 KNAK UT DELTA - Per recent log, verie states PSSA power of 17.5 watts, no wonder they faded out so quickly! (JF-CA)
770 KXA WA SEATTLE - 11/24 0056 poor u/KOB w/ID, not so old pop music. Per call to station, the switch to KKMI has been put on the back burner. (JW-OR)
860 KWRP AR WARREN - 11/20 0700 full data s/on w/mention of reduced power. Per call to station, PSA power is 180 watts. (BM)
1030 WXSS TN MEMPHIS - 11/12 0530 w/weather, then rock music, anc'r mentioned new station. Per call, anc'r said has been on less than a week. Soon faded to WBZ. (PT-OK)....11/26 0117-0136 noted w/B/Sol music and many mentions of "The All New AM 1030", w/Myron in the Morning. (KVJ-GA)
1040 WHBO FL PINELLAS PARK - 11/23 1720-1730 fair w/KDKA splash w/ads, promo w/mention of Tampa Bay oldies station, jingle/ID as "104 HBO", good w/no sign of WBZW. (JM-PA)....11/23 1700 fair w/oldies and full ID, ex-Orlando on 1050, CP now on. (RK-IL)....11/18 1730 w/Good Night Sweatheart into what sounded to be a full data s/off, NRC log shows them as full time. (BM-WI)

MIDDAY - MIDNITE:

570 WYMI MS BILOXI - 11/14 1749-1800 good w/57 Country ID's, CW music, ads, Paul Harvey news, faded to KRQX/Cuban. (JPH-OK)
590 WGTM NC WILSON - 11/26 1701 good w/local news, sports, Top 40 music, alone on freq. (DB-VA) Yes, I've heard them alone on the channel also, when I went thru Wilson last year!(DS)
660 KLBJ TX AUSTIN - 11/18 1803 Oilers Football, PSA w/ID. (BM-WI)
660 KCRO NE OMAHA - 11/15 1745-1800 fair w/religious program, ID in KSKY null til fade out. (JPH-OK)
WESC SC GREENVILLE - 11/16 1657-1701 fair/poor w/news, sports, weather, 'Big Country' ID in KSKY null, last logged in Jan. '82. (JPH-OK)
690 WAPE FL JACKSONVILLE - 11/23 good w/ad, religious music. (JM-PA)
WTIX LA NEW ORLEANS - 11/23 1756-1801 very good w/rock music, news headlines, ads, weather, female anc'r w/traffic report, o/past cutoff time on 11/15, now the question, will he verie? (JM-PA) Did you send \$10? (DS)
710 WGBS FL MIAMI - 11/25 1714 good w/talk show, phone #'s. (JM-PA)
KEEL LA SHREVEPORT - 11/23 1800-1815 fair during auroral opening w/news, ads, rock music, Wall Street report, Accu-weather, ID as 71 KEEL, ppc sent this time. (JM-PA) This buzzard never veried his old i/c years back. (DS)
CJRN ON NIAGARA FALLS - 11/13 1755-1756 good w/list of previous records played, pop/rock music into sports. (JM-PA)
Another very effective DA, really bangs WOR here nites. (DS)
730 WOHS NC SHELBY - 11/12 1800 simple data s/off noted on tape after WPAL s/off, to return 0600, new PSSA'er. (JM-PA)
WPAL SC CHARLESTON - 11/12 1754-1800 good w/B/Sol music, full data s/off w/studio and xmtr. locations, again 11/23 1752 w/ads, ID. (JM-PA)
KRVC OR MEDFORD - 11/19 1757 fair w/ID, slogan as "73 AM" w/Rogue Valley weather. (JW-OR)
740 WSVQ TN HARROGATE - 11/11 1715 race results, mention of NASCAR live, Middlesboro mention w/ID. (BM-WI)
750 KSEO OK DURANT - 11/18 1810 w/local news, ID. (BM-WI)

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770 WJMW AL ATHENS - 11/16 1651 good w/CW music, ID as '24 Hour Country', PSA, weather, ad. (JM-PA).....11/11 1724 CW music, ID, talk about Oilers win o/KC and other football scores. (BM-WI)

780 WCKB NC DUNN - 11/26 1705 good w/B/Sol music, ID then into a Christmas song. (DB-VA)

790 WETB TN JOHNSON CITY - 11/16 1638 fair w/oldie, promo and ID as B-79. (JM-PA)

800 WSVS VA CREWE - 11/13 1702-1714 good w/local news, ads, weather, PSA, faded to CKLW, on PSSA power. (JM-PA)

WSHO LA NEW ORLEANS - 11/20 1757-1835 good atop channel most of time w/news, weather, religious music, traffic rpt.(HH-CC)

810 WQIZ SC ST GEORGES - 11/23 1709-1715 fair w/religious anc't and music, female anc'r, full data s/off to return 0600. (JM-PA).....11/16 1714 gospel music, female anc'r, fair to good signal. (WPT-DC)

830 UNID 11/17 2105-2127 poor in WCCO null w/music, mention of concert at ASU and a countdown show. (JFH-OK)

850 WYDE AL BIRMINGHAM - 11/24 1735 very good w/ad, church group community anc't, ID as 'Sunshine Radio Y-85' into religious music, address given as 2112 11th Ave S, 35205. (JM-PA)

KOA CO DENVER - 11/12 2026 local signal w/sports talk, ad, promo for news-talk. (JM-PA)

WJAC PA JOHNSTOWN - 11/24 2232 good w/ads, CW music, ID as 'Action Country'. (JM-PA) Yawn! (DS)

860 KOSE AR OSCEOLA - 11/12 1756 weak w/news, ad. (JM-PA)

880 WEEG GA JEFFERSON - 11/12 1719-1730 good in WCBS null w/local ad, CW music, faded to full data s/off, "Great 880" w/"Happy" Appleton, President. (JM-PA) Only YOU would ever report a name like that! Wonder why he's happy? (DS)

KRVN NE LEXINGTON - 11/19 1735 xlnt w/weather and anc't for NE-WY Wheat Growers association meeting. (KVJ-GA)

900 KJSK NE COLUMBUS - 11/15 1815 s/off w/mention of what sounded to be KLIR-FM. (BM-WI)

920 KKLS SD RAPID CITY - 11/7 1816 w/music, ads, PSA, promo on winning new house in station contest. (PT-OK)

KVEL UT VERNAL - 11/19 1835 w/ads, music and talk w/ anc'r in The Turkey Truck, giving away free turkeys, slogan is Action Radio. (PT-OK) Oh, they gave away Heinen? (DS)

KARN AR LITTLE ROCK - 11/15 1830 good w/traffic report and local news. (JM-PA)

WMEL FL MELBOURNE - 11/27 1840-1842 good w/local ads, birthday anc'ts, ID, soon faded. (JM-PA)

930 UNID 11/12 1726 just caught end of s/off w/mention of "tune to FM Young 102", looping south. (JM-PA)

940 KVSH NE VALENTINE - 11/9 1747 w/community anc't in progress, sports talk, ads, then SD news. (PT-OK)

WECO TN WARTBURG - 11/10 1728-1742 fairly good atop channel much of time then faded, w/sports, ads, gospel music and bible broadcast. (HH-CC)

KIOA IA DES MOINES - 11/15 1736-1746 fair w/ABC sports, ads, weather, rock music, promo for snow/ski party, soon faded to WCPC. (JM-PA)

950 WAKM TN FRANKLIN - 11/15 1813 atop on PSSA power w/news, ad.(JM)

970 CBZ NB FREDERICTON - 11/22 2000 poor but atop w/Arts National program. (RKZ-IL)

KSAX TX PT WORTH - 11/18 1850 good on PSSA power w/promo, jazz until s/off. (RK-IL)

980 WONE OH DAYTON - 11/8 1703-1713 local ads, news, traffic report, ID as 'AM Stereo Country', best signal noted. (JM-PA)

990 WCSL NC SOUTHERN PINES - 11/11 1706 good w/local ad, tip from Tar Heel vets. (JM-PA)

KWAM TN MEMPHIS - 11/2 1815 w/gospel music, give away for tickets to local concert. (PT-OK)

WHOO FL ORLANDO - 11/29 1705 w/ad, weather, jingle/ID, 'Country Music Radio' promo for morning show, 'Your 50000 watt watchdog', way o/WZZD. (DS-De)

1000 WSPF NC HICKORY - 11/11 1700 up briefly w/AM 1000 ID into UPI news after ID. (JM-PA)

KDRY TX ALAMO HEIGHTS - 11/20 1733 religious program, ID, weather report w/temp. checks. (BM-WI)

1010 CBR AB CALGARY - 11/22 2100 fair w/Arts National program and CBC news. (RKZ-IL)

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1020 WJEP GA OCHLOCKNEE - 11/11 1740 s/off w/long religious song w/ invite to tune in again. (BM-WI).....11/26 1728 gospel music and ads for surrounding FL & GA towns. (KVJ-GA)11/18 1740 fair w/s/off and religious music.(RK-IL)

UNID 11/21 1345 strong OC noted here, no doubt KHWY-Polsom who swore they would be on no later than 11/22. (DKK-CA) Swearing not permitted in this column.....Ed Itor.

1040 WJTB OH N RIDGEFIELD - 11/24 1715-1718 very good w/B/Sol w/promo for religious music tomorrow, simple data s/off. (JM-PA)

1050 KTBA AZ TUBA CITY - 11/16 1911-1914 fair/good w/music, s/off mentioned being a daytime station, daytime is slipping away, therefore we will lower our voices, in null of unusually weak XEG. (JFH-OK)

WNTR MD SILVER SPRING - 9/1 1137-1210 good on 1st day w/new calls, News-Talk Radio, local. (HH-FHC)

WSEN NY BALDWINVILLE - 11/9 1739-1809 atop at times w/CW music, many ads, news headlines. (HH-CC)....11/25 1700 fair w/Syracuse area weather, ID as "Syracuse Country", also many ads. (DB-VA)

WJXY SC CONWAY - 11/17 1753 briefly noted thru jumble w/CW music, ID, ad. (HH-CC)

WBUT PA BUTLER - 11/20 1730 distorted signal on PSSA w/rock music, ID. (JM-PA)

1060 KLSM MO SPRINGFIELD - 11/15 1855 J Denver song til s/off.(BM-WI)

1070 WAMN FL TALLAHASSEE - 11/20 1732-1745 good w/WAPI w/sports talk show, ads, anc't on local event, B/Sol music, full data s/off, brag on being #1 station, invite to tune to R-BO 107, to return 0615. (JM-PA)

WFLI TN CHATTANOOGA - 11/16 1716 good w/gospel music and mention of Chattanooga. (WPT-DC)

1080 KRLD TX DALLAS - 11/21 2243 poor u/KWJJ w/ID, talk show about restrictions on Happy Hour! (JW-OR) Well, when some get just a bit to happy, things happen, usually bad!(DS)

1090 KLSZ CO AURORA - 11/20 1830-1845 noted in KPAK-1100 null w/news, Light pop music, ID as 'Classy 10-90' after each record, signal went from fair to good, Denver commute report then gone at 1845, no XSPRS. (DKK-CA)

1100 KDRY TX ALAMO HEIGHTS - 11/17 fair u/WWWE w/religious music and concert promo. (KVJ-GA).....HOLD ON....BM-WI reports this as 1000, now yours as 1100.....who is correct? Has proof reading gone out with spat? (DS)

1110 KRLA CA PASADENA - 11/21 2009 poor w/ID in din, traffic report during rush hour. (JW-OR)

1120 KOLE TX CLEBURNE - 11/18 1838 fair way o/KMOX w/CW music up til s/off. (RK-IL)

1130 WMGA GA MOUNTAIN - 11/27 1730 very good w/KWKH w/news headlines, weather, ad and gone at pattern change. (JM-PA)

KWKH LA SHREVEPORT - 11/15 1810 local like signal w/weather, ad, LA Downs report, promo for Saturday football game.(JM-PA)

1150 WKPA PA NEW KENSINGTON - 11/20 1740 good w/B3g Band music, another local noted on w/PSSA power. (JM-PA)

WNDB FL N DAYTONA BEACH - 11/27 1827 very good w/Talknet, ads, promo for stocking fund on 'The Sound of Daytona'.(JM)

KBOX AR N LITTLE ROCK - 11/23 1732 good in WJJD-1160 splash w/news, ID. (RK-IL)

WTAW TX COLLEGE STATION - 11/18 1839 mention of train coming to town, 'Super Country' ID. (BM-WI)

1160 WAMB TN DONELSON - 11/19 1744-1752 way atop channel w/MYL, ID and ad, little fade til 1752 when it dropped out suddenly, when did they change? (HH-CC) Researching still.(DS)

1170 WLBK IL MATTON - 11/25 1659 xlnt w/UPI news, CW music, no sign of semi-local WHNE. (KVJ-GA)

WBRW NJ SOMERVILLE - 11/3 1705-1715 news, weather, music, ad and s/off, usually atop WWVA. (HH-CC)

1190 KRDS AZ TOLLESON - 11/19 1925 w/Contemporary Christian music, mention of tomorrows program, ad, weak w/KLIF. (PT-OK)

WXGR MS BAY ST LOUIS - 11/11 1758 s/off w/SSB, played on harmonica. (BM-WI)

1200 KPNW ND W FARGO - 11/25 1730 AM/FM ID into 'Lutheran Vespers' program. (KVJ-GA)....11/22 2030 w/Christian religious sermon in WOAI null. (RKZ-IL).....11/19 1802 w/UPI news, gospel music, weather. (PT-OK)

1210 WKNX MI SAGINAW - 11/25 1710 rock music, clear ID noted way u/WCAU's talk. (DB-VA)

1270 WUCO OH MARYSVILLE - 11/24 1747 good w/slight WTAB-1250 splash w/CW music, promo for basketball game. (JM-PA)

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 1280 WANS SC ANDERSON - 11/24 1751 good but fading w/ads, football scores but no ID, ID'ed by ads. (JM-PA)
 KDYL UT SALT LAKE CITY - 11/27 2034 w/storm warning for UT Valley, temp check, ID, ads. (JF-CA)
 KIT WA YAKIMA - 11/27 2028 w/ski report, brief news w/KDYL. (JF)
 1290 KCUB AZ TUCSON - 11/27 2042 ad, CW music, time check, ID as K-CUB. (JF-CA) You expected WMOT? (DS)
 KIVY TX CROCKETT - 11/23 1834 good but fade on PSSA power w/ID, weather. (RK-IL) I've hear 'em...on FM! (DS)
 1320 WQIK FL JACKSONVILLE - 11/18 1753-1837 atop at times w/PSA, ads, report from Motor Racing Network. (HH-CC)
 1330 WEAU IL EVANSTON - 11/25 1728 good w/religion, ID, weather, s/off w/ID as Evanston-Chicago. (DB-VA)
 1360 CJVL PQ STE MARIE DE BEAUCE - 11/22 1852 French talk, rock music, many ID's, fair to good signal. (HJH-PA)
 1380 WGUS SC N AUGUSTA - 11/19 1750 up to loud level then faded w/ads, ID. (HJH-PA)
 CKPC ON BRANTFORD - 11/22 1832 fair atop channel w/pop music. (HJH)
 WMPS TN MILLINGTON - 11/11 1926 Cowboys football, ID, ads for Memphis. (BM-WI)
 UNID 11/11 1925 w/Cowboys football w/split second delay w/WMPS, clear mention of El Paso, KBWD listed on sports network list for the Cowboys. (BM-WI)
 KTSM TX EL PASO - 11/27 1945 ads, news, time check, ID's as Newsradio. (JF-CA)
 1400 KTUC AZ TUCSON - 11/27 1918 sports program, ID into news w/female anc'r. (JF-CA) (JW-OR)
 1410 KMYC CA MARYSVILLE - 11/8 2021 good w/ID, 'CA Country' slogan.
 1420 WDBF FL DELRAY BEACH - 11/21 1818-1840 atop at times w/Big Band music, weather, CBS sports. (HH-CC)
 1440 KSKX KS TOPEKA - 11/13 1914-1929 fair/poor w/CW music, Country 1440 ID's, ads, w/WGBM/KMLB. (JFH-OK)
 1460 KZOT AR MARIANNA - 11/15 1800 w/s/off w/power mentioned. (BM-WI)
 WMBA PA AMBRIDGE - 11/24 1900 fair w/rock music into s/off, another PSSA noted. (JM-PA) Wonder what ever happened to the fulltime CP granted on this one last year? (DS)
 CKRB PQ ST GEORGES DE BEAUCE - 11/13 2300 French ID then pop/rock music into French news w/good signal. (JM-PA)
 WBET MA BROCKTON - 11/29 1605 briefly noted ending traffic report, news close w/sponser, time check/ID. (DS-DE)
 1480 WADR NY REMSEN - 11/25 1600 fair w/CW music, ID and into news from Mutual. (DB-VA) (RK-IL)
 1500 KCLF LA NEW ROADS - 11/23 1820 poor in WBMX-1490 splash w/ID.
 WQMS AL ALABASTER - 11/21 1842 AM 1500 ID, local ads. (BM-WI)
 1520 WEXY FL OAKLAND PARK - 11/21 1802 black programming w/ID into s/off, good on very auroral eve. (DB-VA)
 1540 WPGR PA PHILADELPHIA - 11/14 1345 fair w/oldies, ID as Philly Gold Radio. (JM-PA)
 1550 WYNX GA SMYRNA - 11/11 1653 good w/religious program ending, ID, ID as Family Radio, apparent power cut or s/off after hymn. (MS-ON) It's a DA that REALLY works! (DS)
 WYNA NC RALIEGH - 11/17 1557 fair, tentative, apparent ID and football promo, listed as WRZR, did they change back?(MS)
 1560 WYZD NC DOBSON - 11/4 1710-1716 mostly atop w/gospel music noted til s/off. (HH-CC)
 KPWS LA CROWLEY - 11/2 1 1831 s/off w/mention of "1560 kilocycles", thought Rieger was the only one who used that phrase! (BM-WI) Wrong...Edison did, too! (DS)
 1580 KNIM MO MARYVILLE - 11/12 1900 w/bank ad and s/off. (KVJ-GA)
 KNIX AZ TEMPE - 11/12 1910 CW music, promo for Monday Night Football broadcast. (KVJ-GA)
 WBBA IL PITTSFIELD - 11/12 1658 w/s/off w/mention of 250 watts.
 WCRV NJ WASHINGTON - 11/23 1627 fair w/clustered PSA's and other community items. (MS-ON)
 1600 WHVL NC HENDERSONVILLE - 11/24 1733 good in null of WINX w/s/off by CE. (WPT-DC)....11/10 1719-1730 very good w/rock music, local ads, Biblical quote into full data s/off saying they must s/off "cause the FCC sez so"....Looney Tunes thingie played at end. (JM-PA)

MIDNITE - MIDDAY:

540 KNMX NM LAS VEGAS - 11/20 0832 w/s/off, started w/prayer in Spanish then into full data s/on in English, good signal and in the clear. (DKK-CA)

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 550 KBOW UT BUTTE - 11/19 0847 fair w/CW music, ad, Farm & Ranch news, w/mention of Sheridan, MT. (JW-OR)
 570 WAAK AL GADSDEN - 11/16 0215 good w/CW music, ID as "570 WAX"(RKZ)
 580 KFXD ID NAMPA - 11/19 0853 strong w/ID, weather, ad. (JM-OR)
 610 KILT TX HOUSTON - 11/26 0012 CW music, ID as "610 Radio". (KVJ-GA)
 WSGN AL BIRMINGHAM - 11/16 0240 w/EZL music, w/WDAF. (RKZ-IL)
 WDAF MO KANSAS CITY - 11/16 0300 w/CW music, in WSGN null, ID as "61 Fun Country". (RKZ-IL)
 630 CFCO ON CHATHAM - 11/8 0130+ very good w/rock music, PSA, weather and news report, female anc'r.....never reported in DDXD so I am the first! (JM-PA) Sorry to let the air out of your ego but I BEAT YOU ON THIS, where is my mirror? (DS)
 UNID 11/20 0100 somebody o/u WWL w/music of musical plays looping SE, any guesses? (JM-PA) Yeah....either the wrong freq. or the wrong 'under'.....are you on lefties this week? (DS)
 740 KRMG OK TULSA - 11/16 0320 fair w/ID, Larry King. (RKZ-IL)
 810 WKBG KY JACKSON - 11/22 0656 CW music, ads, Birthday Calender, I know what they meant by small town sound! (BM-WI) As long as it makes money, don't knock it, bud! (DS)
 850 WKIX NC RALIEGH - 11/21 0650 ID, time check, CW music w/mention of seminar at local hotel. (BM-WI)
 CKVL PQ VERDUN - 11/24 0538-0622 good most of this time a/french talk, phone calls, couple of ID'able ads. (HH-PHC)
 860 KSPA TX NACOGDOCHES - 11/14 0713 mention of Sports Illustrated Man of the Year Show, promo for Dallas Cowboys football report, CW music, must have an unlisted PSA. (BM-WI)
 920 WMEL FL MELBOURNE - 11/24, 11/26 0030 til fade, news headlines, MoR music, CBS news, Radar weather, sports scores. (JM-PA)
 980 WONE OH DAYTON - 11/16 0345 xlt w/CW music, ID. (RKZ-IL)
 1000 KTOK OK OKLAHOMA CITY - 11/26 0304 fair w/WCFP nullled w/ABC news, then Perspective news program. (KVJ-GA)
 1020 KYXE WA SELAH - 11/10 mixing w/KDKA/KBCQ 0330-0430+ w/KTNQ off, again 11/18 0330-0400 o/u KBCQ w/KTNQ off again, no sign of KWIQ either time. (DKK-CA) Visiting ELK! (DS)
 KBCQ NM ROSWELL - 11/26 0100 EZL music and ID w/mention of 50000 watts in ID. (KVJ-GA)
 1030 KTWO WY CASPER - 11/26 0133 end of news program "Report to WY", ID as 'K-TWO' and slogan "serving more people than any other WY radio station..." (KVJ-GA)
 1040 *WHO IA DES MOINES - 11/26 0140 noted off at this time. (KVJ-GA)
 1120 KPNW OR EUGENE - 11/24 0037 poor w/KMOX w/pop music and ID, one to look for in the midwest when CKWX-1130 & CFUN-1410 are in well. (RK-IL) Yeah, but this doesn't apply in the east, Alaska or Hawaii....tags extra...et al! (DS)
 1130 WSJP XY MURRAY - 11/26 0409-0420 very good w/CW music and mention of Jackson Country. (KVJ-GA)
 CKWX BC VANCOUVER - 11/24 0039 xlt, dominating w/CW music, ID as "AM Stereo WX 1130". CFUN-1410 also blasting in! (RK)
 1180 KTUN TX HUMBLE - 11/24 0309 good during WHAM fade w/pop music, ID and weather report. (RK-IL)
 1210 *WCAU PA PHILADELPHIA - 11/19 0223-0259 noted off, s/on buried a swell ID from a Cuban. (WHA-NY) I was more hoping for WCMQ if they did move here. (DS)
 1220 WGNV NY NEWBURGH - 11/15 0612 ID and lottery numbers. (BM-WI)
 1230 KDOV OR TALENT - 11/12 0259+ w/s/off noted thru din, one ID and K-Dove mention, no SSB noted. (DKK-CA)
 1250 WGHB NC FARMVILLE - 11/19 0000 noted w/s/off, no SSB. (WHA-NY)
 UNID 11/14 0345-0430+ someone on ET w/TT/OC, strong as o/KKFX/KTMS/WREN, 2nd TT also noted way down, thought it might be KLLK but still no phone listing on them, CBGA? (DKK-CA)
 1260 KVSP NM SANTA FE - 11/14 0400-0420 mostly atop XEMW w/KOIT off for 30 minutes this AM. (DKK-CA)
 1300 KYNO CA FRESNO - 11/10, 11/21 0300 always noted w/KDIA-1310 off, shares w/KPPL/KROP/KWKW/KMPS, no sign of KLER or KHUG. (DKK-CA) Wow! Big time stuff! (DS)
 1310 KDIA CA OAKLAND - 11/10 0300 1st day noted w/s/off, to return 0830, getting ready for sale and switch to KFYI. (DKK-CA) No wonder I've missed them this year! (DS)
 KEIN MT GREAT FALLS - 11/10, 11/21 0300 generally atop w/KDIA off w/13 Keen ID's, w/KZZP, XEC and UNID L King. (DKK-CA)
 1390 WGCI IL CHICAGO - 11/12 0320 good w/B/Sol music, some Raggae type, 'Adult Radio 1390' ID's, w/KMRY later. (JFH-OK)

1410 WELM NY ELMIRA - 11/10 0824 fair w/promo for sports coverage and ID, 'Your Sports Leader'. (MS-ON)

8 WDOE NY DUNKIRK - 11/13 0622 clear w/ID, several mentions of Fredonia. (BM-WI)

1420 KTOE MN WANKATO - 11/17 0623 w/news, weather, music. Weak but nothing else noted with them! (PT-OK)

1430 WNJR NJ NEWARK - 11/19 0200 s/off w/female anc'r after religious program, leaving CJCL/WENE ET. (WHA-NY)

*WENE NY ENDICOTT - 11/19 0145-0218 w/ID during ET or PoP, right thru WNJR w/various tones and moans, perhaps on day pattern. (WHA-NY) Yes, they do moan at times! (DS)

1460 KKHT CO COLORADO SPRINGS - 11/12 0700 poor w/s/on in mess then soon faded. (JFH-OK)

1480 WISM WI MADISON - 11/16 0206 fair w/local news into Talknet during strange conditions, almost all west stations absent but KXEL was very loud, strange! (JM-PA).....KXEL has set-up a 100 watt repeater in your neighbors basement! (DS)

1500 WFIF CT MILFORD - 11/10 0703 fair to good w/ads, MoR music, Bible quiz, ID w/WTOP/WKER. (MS-ON)

WKER NJ POMPON LAKES - 11/10 0713 ID into pop music, soon faded to WTOP/WFIF. (MS-ON)

1540 KASA CA PHOENIX - 11/19 0900 good w/national and local news w/full ID on hour. (JW-OR)

1550 WSES NC RALIEGH - 11/14 0612-0645 atop most of time a/gospel music, few anc'ts noted. (HH-CC)

WCTW IN NEW CASTLE - 11/11 0300 good w/ID into Sat. Nite Oldies program. (JM-PA)

1560 *UNID 11/27 0054-0112 very good in WQXR null w/CW music, looping South but no ID's heard, help? (JM-PA)

PIRATES:

1622 KPF941 NY YONKERS - 11/24 fair-good steady signal w/60's music, lengthy jazz cuts, phone #914 476 1622, says he is a broadcast auxiliary of WOZI 101.7 Presque Isle, ME and that he is legal, address given as Box 327, Hastings-On Hudson, NY 10706, schedule is daily and well into AM's, mentioned calls from Spring Lake, MI and Arlington, VA. (PRM-NJ) Research office still checking this...(DS)

RANDUMIES:

BRUCE WINKELMAN notes a couple of flubs in DDX from a couple of issues back....970 logging of KAKC should be KCFO, 1590 KTCR should be on 1530....the rest of the info is correct. Don't know if he messed up (unlikely) or if I flew into the wrong keys (never happens!) but that should rectify the situation.

ON HOLD for the next week are a bunch of addresses from BILL PRATHER and a few that have wondered in with them.

Speaking with the lawyer handling the sale of WIDD-1520 TN this week, the station is under Chapter 11 Bankruptcy and will not return to the air until it is sold.

PLEASE...I ask all to double check their contributions for correct frequencies.....I try to catch a lot of the errors but sometimes they slip past.....take a minute to check over your tips/loggings and it'll save alot of problems on everyones part! Thanks!

DIAL TWISTERS:

JW-OR/Jack Woods, Corvallis, OR/SP600, Loop, XCR 30
 HJH-PA/Harry Hayes, Wilkes Barre, PA/Superadio, SM2
 DKK-CA/Don Kaskey, San Francisco, CA/HQ140X, SM2
 BM-WI/Bob Mielcarek, Milwaukee, WI/R70, SM2
 PT-OK/Phil Tallman, Ardmore, OK
 WHA-NY/Phil Andres, Richmond Hill, NY/HQ100, NRC Loop
 KVJ-GA/Karl Jeter, Stone Mountain, GA/HQ150, Beverages
 JFH-OK/John Herman, Vinita, OK/R388, Radio West Loop
 RKZ-IL/Rick Krzemien, Carol Stream, IL/R600, TRF, Loops
 WPT-DC/Bill Townshend, Washington, DC/GE 7-2924A (also a radio!)
 HH-CC/Hank Holbrook, Chevy Chase, MD/Sp 600, Loop
 HH-FHC/Hank Holbrook, Fair Haven Cliffs, MD
 DB-VA/Dave Braun, Falls Church, VA/R2000, LW
 JF-CA/Jim Pedor, Escondido, CA
 RK-IL/Robert Kraer, Chicago, IL/R1000, HQ129X, Loops, LW, et al
 PRM-NJ/Paul 'Only report' Mount, Teaneck, NJ/TRF
 JM-PA/John Malicky, Pittsburgh, PA/Aiwa AR158
 JS-OH/Jerry Schmidt, Hubbard, OH
 DS-DE/Dave Starr, New Castle, DE.

....And may you and yours have a very happy holliday!

International DX Digest

Chuck Hutton
 437 Hardendorf Ave.
 Atlanta, GA 30307

Times are GMT For ELT subtract 5 hours. Deadline: Monday

530 COSTA RICA TICAL in like gangbusters with LA mx, ID for R. Nacional de Costa Rica, then classical trumpet fanfares. (Stutterheim)

535 GRENADA R.Grenada 11/24 2338-0001+, xint with local music in EE and SS, local political ads for upcoming elections and numerous promos for "Sing Grenada" program. (Kureth) 2340+ 11/17 back on. Our tax money helped put in a powerhouse signal here. Noted nightly-even heard a paid political message sponsored by the New National Party. (Stutteheim) 11/23 1907-1954 and 11/24 0007-0054 good much of the time. Music, political ads, medical review, phone calls. (Holbrook)

555 ST. KITTS 212 Basseterre good with ads for local businesses in EE. (Stutterheim) No freq listed here Matt-I assume this is 555-Chuck

595 DOMINICA 2352 11/17 first time this season with audible programming (religious programming in EE). (Stutterheim)

640 CUBA R. Progreso CMBB 11/6 2313-2332 at fair level with man and woman conversation, EE and SS vocals, romantic music ID at 2330. (D'Angelo)

655 EL SALVADOR YSS 0300 10/19 with weak signal (male yelling to a large audience). WSM nulled out. (Foster)

670 CUBA R. Liberacion, CMBC 11/6 running // to 690 with news about US elections at 2330. (D'Angelo)

690 CUBA R. Liberacion 11/6 2308-2335 and 11/19 at 2228 with lively SS vocals, news about US elections, ID. Fair level. (D'Angelo)

705 ST. VINCENT 0035 11/19 religious program in EE. (Stutterheim)

730 MEXICO R. Festival, XEX on 11/16 0350-0403 ID, talk and R. Festival Informa at 0400. Fair. (D'Angelo)

760 CUBA R. Relej CMBD 11/9 2334-2352 with TC, ID, news about Central America, especially Nicaragua. Fair. (D'Angelo)

765 SENEGAL Dakar (t) man in FF-like lang followed by electric guitar music at 2331, rock and roll, into deep fade at 2342, very good before, just barely in afterwards. (Stutterheim)

825 ST. KITTS R. Paradise 11/22 0345-0401 poor with religious program to ID at top of hour. (D'Angelo) 0445-0500 10/24 s/off with positive ID in EE as Radio Paradise. (Foster)

830 BELIZE R. Belize 11/22 0403-0425 fair to good over WCCO with "Looking Back" oldies music, ID's. (Kureth)

900 MEXICO XEW in Mexico City on top of CHML with mixture of ballads and romantic music 0403-0418 11/16. (D'Angelo)

940 CUBA R. Relej CMKD 11/16 0419-0429 with poor reception, man with news, frequent ID's, time pips. (D'Angelo)

940 MEXICO XEQ 11/17 0513-0524 fair to good with lively vocals, jingles, ads, fast talking man. (D'Angelo)

1020 VENEZUELA R. Mundial Margarita on top of channel with LA mx and repeated ID's. Just as bad as top 40 stns here. Don't the Latins know who they are listening to, or are they having ratings sweeps too? (Stutterheim) A little short on modesty perhaps-Chuck

1030 HAITI 4VEH 11/19 0145-0200 religion to 0200 s/off (?) giving address as Box 1, Cap Haitien. S/off with "Amazing Grace", no WBZ. (Kureth)

1071 GUINEA BISSAU Bissau 11/14 0146 hetting WIBC. (Townshend) Doesn't sound like quite enough to claim a definite reception I'd say. This is probably Emisor Atlantico who is here nightly at nice levels-Chuck

1090 UNID 11/19 0000 who here has hourly time pips with same format as LRAI on 870 KHz? (Stutterheim) Caracol stations all do-Chuck

1205 CAYMAN ISLANDS I think, with good signal and classical music. Positive ID at s/off 0530 10/25. They sound louder than I kw. (Foster) Yep, a whole lot louder-Chuck

1370 VENEZUELA unid YV here 11/20 0200 and successive 2 nights o/u locals. Seemed to // another YV on 1310 but no ID or slogans heard. Many mentions of Venezuela. Network program?? (Kureth) Could be but the only YV networks I have heard are the few Rumbos, Vision and Mundial stations that //. None of them would be here. Maybe the mentions of Venezuela were incidental-Chuck

1521 SAUDI ARABIA Duba 6/16 0146 hetting with WKBW. This may be ancient history but this avoids the "One Tip Kid" syndrome, hi). (Townshend)

1610 ANGUILLA Caribbean Beacon 11/11 0023-0035 with Robert Dowdy preaching, soft mx, ID "This is the Caribbean Beacon reaching out to a struggling world". Into Forest Hills Baptist Church Hour. Fair to good. (D'Angelo)

1611 VATICAN 0555 11/17 noted with what sounded like FF, then IS signal using chimes and orchestra (twice) then man in different language at 0600 then another man in yet another language 0601. Stronger than 1610. (Stutterheim) So when do I get to hear them? Chuck

Richard D'Angelo-Wyomissing, PA
 John Foster-Travelers Rest, SC
 Hank Holbrook-Chevy Chase, MD
 Joe Kuneth-Uniontown, MD
 Matt Stutterheim-Montauk, NY
 Bill Townshend-Washington DC

????????????
 RF2900, 4' loop
 SP600, low
 SX43, LW
 ????????????? (you forgot too, MS)
 ICF5W, Realistic 12-660

As anybody can plainly see, not a monster of a column this time by any means. At least a few (four) non-regulars checked in which is always nice. (Matt and Bill-you guys are regulars) Not much radio stuff going on here as I continue to devote my spare time to renovating the house. See you next time-----Chuck

Radio's FCC Milestones

1934-1984

As part of this year's observance of the FCC's 50th anniversary, the agency recently published a chronological log of significant events and decisions. The log provides a fascinating picture of how commercial radio has developed since 1934. Here are just a few of the highlights:

- 1934 KDKA's Vegas is first station ever denied renewal
- 1934 Stations required to file ownership data
- 1934 Allocation of channels by zones and states abandoned
- 1934 Annual station financial reports required
- 1934 Political broadcast rules adopted
- 1934 AM licenses extended from six months to one year
- 1940 Rules adopted for commercial FM broadcasting
- 1941 NBC ordered to dispose of other Red or Blue Network WISN-Milwaukee becomes first commercial FM station
- 1942 AM licenses extended from one to two years
- 1942 FMs permitted to duplicate co-owned AM programming
- 1942 Edward J. Noble purchases NBC Blue Network
- 1942 AM licenses extended from two to three years
- 1942 FM band moved from 42-50 mhz to 88-108 mhz
- 1942 FM licenses extended from one to three years
- 1942 Censoring of political broadcasts banned
- 1942 Broadcast of lottery information prohibited
- 1942 Third class operator license established
- 1942 Ownership limit of 7 AMs, 7 FMs imposed
- 1942 First subcarrier "functional multi" broadcasts begin on WREN/Philadelphia and WJMO/Washington
- 1942 Newscasts exempted from equal time rules

- 1961 FM stereo standards adopted
- 1961 Fines authorized for rule violations
- 1961 Penalties for AM stereo standards denied
- 1962 AM subcarrier use denied
- 1962 First communications satellite launched
- 1964 Schedule of flag fees goes into effect
- 1964 Psychological injury begun
- 1965 Double billing rules adopted
- 1966 Minimum AM power set at 250 watts
- 1966 KOLA/Los Angeles allowed year's trial of broadcasting only classified ads
- 1967 Personal attack rules codified
- 1967 Malicious libel action (10) banned
- 1968 ABC goes on-air for multiple radio networks
- 1968 Libelers, commentary exempted from equal time rule
- 1968 Presidential day moved to 4th Jan
- 1968 Three-year "watchdog" rule imposed
- 1968 Supreme Court upholds Fairness Doctrine in Red Lion case
- 1970 EEO reports required
- 1971 Cigarette advertising banned
- 1975 Newspaper banned from same-market radio ownership
- 1975 Authority community policies adopted
- 1980 Clear channels opened for new day and night stations
- 1981 Third class license abolished
- 1981 Commercial radio deregulated
- 1982 Radio licenses extended from three to seven years
- 1982 AM stereo authorized
- 1982 Three-year tracking rule abolished
- 1984 Ownership limit raised to 12 AMs, 12 FMs

Our only contributor this week is Pete Nolan...and he has sent along quite an assortment of updates for our logs. Seems to be a continued gravitation toward AD, CON, and CWM....and more of a tendency for a station to target to a local area. Up here, WVFR - 850 has been testing....it will be interesting to see how they plan to compete with the New York stations, plus nine established AM stations in Fairfield County, plus neighboring WVIP - 1310 and WFUT - 1510, both minutes away from Ridgefield....here's this week's list:

- | | | | | | |
|------|------|----|-----------------|---|---|
| 620 | KLZZ | CA | San Diego | - | Ex KOGO with NX/TLK, now AD, CON., "Klass AM". |
| 800 | KXIC | IA | Iowa City | - | Drops CWM for AD, Standards ...let us call this "AD, STD". |
| 850 | WIVK | TN | Knoxville | - | Modern CWM. |
| 850 | WEEQ | GA | Jefferson | - | New station w/ REL, CWM. |
| 910 | WALT | MS | Meridian | - | Now BLK, "T-91" |
| 920 | KKAM | CA | Palm Springs | - | EX-KDES, w/ AD, STD. |
| 930 | WVNH | NH | Rochester | - | Now CWM. |
| 960 | WJCM | FL | Sebring | - | CWM. |
| 990 | WLTS | LA | New Orleans | - | Ex-WYAT, goes from an OLD format to AD, CON. |
| 1000 | WZTN | AL | Montgomery | - | Drops ROK Oldies for REL. |
| 1020 | WJEP | FL | Ochlochnee | - | New station w/ REL. |
| 1030 | KHWP | CA | Folsom | - | New station, w/ CWM. |
| 1050 | KCFO | OK | Tulsa | - | Ex-KOTO, now formats REL. |
| 1080 | KWAI | HI | Honolulu | - | Ex-KZHI which was silent, now CHR. |
| 1100 | KIIO | CO | Grand Junction | - | Ex-KREX w/ NX/TLK, now AD, CON. |
| 1140 | WGJW | NY | Warsaw | - | Now CWM. |
| 1150 | KIIS | CA | Los Angeles | - | Ex-KPRZ, CHR starts on 1-1-85 |
| | WMTG | MD | Gaithersburg | - | Ex-WJOK, AD, CON., and lots of local items for Montgomery County. |
| 1170 | WAVS | FL | Davie | - | Back on the air w/ REL and Black programming. |
| 1190 | KNSA | CA | Vallejo | - | CWM. |
| 1270 | WORL | FL | Eatonton | - | Drops BLK/SOL programming for AD, COM. |
| 1280 | WUTC | MN | Minneapolis | - | Drops OLD format for SOL. |
| 1360 | WYXY | FL | Cypress Gardens | - | Drops CWM for AD, CON. |
| 1380 | KLNI | HI | Pearl City | - | New station w/ AD, CON, self rock. |
| 1390 | KCEY | CA | Turlock | - | CHR |
| 1400 | KEZC | AZ | Yuma | - | Was KVOY, CWM, still CWM. |
| 1450 | WMPJ | FL | Daytona Beach | - | Now REL. |
| 1460 | WBAR | FL | Bartow | - | Now a mixture of AD, CON, and OLD. |
| 1500 | KROQ | CA | Burbank | - | Now silent. |
| 1530 | WKDC | IL | Elmhurst | - | Back on the air w/ EZL/NOS. |
| 1540 | WYNC | NC | Yanceyville | - | Now CHR. |
| 1570 | WLDN | MA | Westfield | - | Drops all-CNN NX for EZL!! |
| | WKBH | WV | Holmen | - | New station w/AD, STD. |
| 1600 | WQBR | FL | Atlantic Beach | - | Ex-WJNJ, EZL, now AD, CON. |

All for this time...thanks, Pete.....and, for the rest of you.....get those format changes in.....when WOR-710 becomes "The Giant Soul Brother of the Atlantic Seaboard", all of us will want to know about it.

On another topic, Station Profiles will be back in a couple of weeks, with a couple of huge profiles.....and I am gathering information for a blockbuster in the early spring....similar to the one recently run about the three 1240's in Chicago...this to be on the three stations in the US which operate on 12 tower arrays....these are KLIP, KKBB, and WLQV. So if anyone of you has any information on the se three stations, or on the former operators on these frequencies, could you please start to send it to me for incorporation into the mega-profile? Also, if anyone can get a picture - print of the three transmitter sites of these stations - which you think could be run in DX News, please send it along. Thanks so much for supporting this column, and the others in our favorite DX publication.

Finally, best wishes for a very joyous, blessed Christmas, and a happy, healthy 1985 from.....

Handwritten signature



KDEX
Radio

P.O. BOX 249 - DEXTER, MISSOURI 63841

Summary of Unreported Stations

Don Kaskey
Hotel Raphael
386 Geary Street
San Francisco, CA 94102

(12)

through Volume 52 #8, dated November 26th

The following chart lists the total number of stations in the USA and CANADA and the volume they were last reported as being heard IN DX NEWS.

COUNTRY	V52	V51	V50	V49	V48	V47	V46	V45	V44	V43	V42	Prior	Total
CANADA	116	137	73	31	11	9	7	4	1	2	0	26	= 417
U.S.A.	1041	1972	701	333	200	115	65	48	23	26	18	182	= 4724
TOTAL	1157	2109	774	364	211	124	72	52	24	28	18	208	= 5141

New stations reported as having taken the air during the period between V52 #5 through V52 #8:

650-WKKQ-MN (x-1060)	1040-WHBO-FL (x-1050)
750-CKGB-OH (x-680)	1040-WJTB-OH
760-WURL-AL	1140-KCMJ-GA (x-1010)
880-WEEG-GA	1400-GJEX-BC
1030-WXSS-TN	

Previously unreported stations noted by NRG Reporters in DX NEWS since the last update (V52 #7)....Covers V52 #5 through #8:

FL---9---WAVS-1170 (E.Cooper-vac FL)
GA---10---WEEG-880 (Jeter-GA); WPIQ-790 (E.Cooper-vac FL)
HI---0---KLNI-1380 (Wood-HI)
KY---4---WBAK-900 (Snow-KY)
LA---7---KTRY-730 (Herman-OK)
MN---6---WKKQ-650 (Moser-ND)
NE---3---KTTT-1510 (McCoy-NE)
OK---4---KVLH-1470 (Winkelman-OK)
OR---4---KSWB-840 (N.Hardy-WA)
SC---6---WDXY-1240 (Ledbetter-vac NC)
WA---0---KWNC-1370 (N.Hardy-WA); KENE-1490 (Woods-OR)

CHOO
COUNTRY RADIO 14

WMBS RAD
EIGHTY TWO WEST FAYETTE STREET
UNIONTOWN, PENNSYLVANIA 15401

Towers? So, you think you've got problems? Read on!!

From Bob Greenlee owner and GM at KADE-1190 Boulder Colorado comes the story of what happened to KADE's full time Construction Permit. Seems that the land that had been acquired by KADE as a transmitter site for the new night pattern had been an old mine. The mine caved in many years back and had been used as a land fill. Not to unusual in this part of the country where old mines are common, as well as old mine cave-ins. Recently though, the parcel of land acquired a notoriety as one of the many old dumps in Colorado that has been placed on the Environmental Protection Agency's list of sites to be cleaned up because of toxic chemicals contained within. Bob's quote "You can look for a full time KADE no sooner than a year or so from now". Our best wishes to NRC'er Bob Greenlee and KADE's nighttime operation.

In other Colorado CP News, KRMM-900 in Silt, CO has tried to obtain a few different sites for their towers. Unfortunately the Garfield County, Colorado Commissioners and the Garfield County Zoning Board have put the damper on all the prospective antenna sites that were chosen. Don't look for Silt in the near future. (Passed on by Bill Nitler, Meeker CO)

In Denver, KJJZ-1390 has changed calls to KPPL (formerly an FM callused by what is now KRXY-1600 and their FM-108 outlet) and re-applied for a fulltime CP 5000/1000 U2 on their present frequency. Awaiting FCC approval there is no target date for their AN-NSP operation.

v1a Wayne Heinen

Domestic DX Achievements

Don Erickson
6059 Essex Street
Riverside, CA 92504-1599 (13)

Totals for U.S. and Canadian Stations Only

Next Deadline: 7 days after the date of this issue. This listing in order of TDT.

Yr Name, Location	TDH	SH	PH	TDT	ST	PT	TDV	SV	PV
70 Robert Kramer, Chicago, IL	2834	50	x 10	1999	49	x 9	2011	49	x 10
78 Mike Knitter, Cambridge, WI	936	44	6	933	44	6	31	16	0
54 Jerry Starr, Youngstown, OH	2027	50	x 10	923	50	x 10	1468	50	x 10
62 R. J. Edmunds, nc NJ	1545	47	x 9	806	41	x 8	263	42	x 6
70 Harry J. Hayes, ne PA	1100	41	x 9	502	39	x 9	102	27	2
75 Paul Swearingen, se KS	795	43	x 6	434	40	x 5	-	-	-
70 John Malicky, Pittsburgh, PA	826	38	x 5	406	35	x 3	376	36	x 5
78 Niel Wolfish, vic Toronto	1013	43	x 10	400	39	6	537	42	x 10
74 Sharon Skowera, Enfield, CT	959	40	x 8	311	38	x 6	230	40	x 8
69 Mike Hogan, vic Chicago, IL	722	45	10	302	-	-	41	24	1
74 Bill Bergadano, NYC, NY	719	38	5	250	-	4	105	37	4
30 Frank Wheeler, nw PA	2523	50	x 9	226	34	x 3	1654	50	x 9
73 Paul Mount, northeast NJ	488	36	x 7	198	26	x 5	224	33	x 6
62 Ron Musco, vic Hartford, CT	1205	46	x 9	105	28	3	1081	46	x 9
78 Paul Mount, southeast OH	390	36	x 3	60	25	1	3	3	0
82 Bob Smolarek, nc NJ	446	36	5	51	13	5	1	1	0
60 Andy Rugg, Mont. & sc Ont	1353	47	x 10	41	17	x 3	1333	47	x 10
60 Andy Rugg, Montreal, PQ	1181	47	x 10	41	17	x 3	1165	47	x 10
75 John Clemmer, Peoria, IL	500	37	x 3	4	4		10	8	
47 Peter Taylor, San Fran., CA	307	32	7	1	11	0	263	32	7
76 Jim Renfrew, Rochester, NY	972	42	x 9	-	28	6	95	32	x 5
31 Sid Steele, eastern IL	3000	49	x 10				2715	49	x 10
20 Harold Whittier, vic Boston	2600	42	10				330	-	-
31 Peter Clarius, nr Eliz., NJ	2012	48	10				1449	48	10
70 Stephen Francis, ne TN	1942	46	x 7				41	40	x 0
69 Karl Jeter, Atlanta, GA	1574	44	x 6				1193	44	x 6
63 Ray Arruda, nr Boston, MA	1345	47	x 9				900	47	x 9
74 Rick Carr, Austin, TX	1213	43	x 7				1199	43	x 7
60 Don Lynch, Chelmsford, MA	1142	45	x 8				-	39	x 4
64 Wayne Heinen, Colorado	1105	49	x 9				998	49	x 9
62 Marc DeLorenzo, eastern MA	1097	45	x 9						
77 Bob Mielcarek, Milwaukee, WI	1070	42	x 5				145	39	5
78 Michael Jeziorski, IL	948	42	6				26	16	1
66 Ken Onyschuk, near Chicago, IL	900	43	x 5				16	13	0
67 Jim Renfrew, New Canaan, CT	804	39	x 8				267	36	7
60 George Greene, Akron, OH	743	45	x 7				119	29	3
71 Jim Renfrew, Severna Park, MD	637	-	x -				15	7	1
62 Donald Erickson, s CA	589	42	8				369	36	7
81 Neal Perdue, Falkville, AL	552	34	-						
82 Bob Harrison, northeastern NJ	497	33	x 7				200	30	x 5
70 K. Rychalsky, c CT	370	33	x 6				315	32	x 6
78 Jim Renfrew, Raleigh, NC	307	27	2						
75 Gary Houdek, northcentral KS	294	34	3				31	21	1
81 Eric Bueneman, Hazelwood, MO	272	34	x 4				154	31	x 4
52-Peter Taylor, Durham, NC	250	40	x 6				205	38	x 6
76 Dave Holten, eastern WA	203	21	4				19	14	1
47 Peter Taylor, Miami, FL	174	29	x 4				132	27	x 3
76 Patrick O'Connor, NH	147	26	x 4				108	25	x 4
71 Rick Krzemien, vic Chicago, IL	117	42	x 7				103	39	x 7
82 H. Parkhurst, Nenana, AK	29	8							
46 Hank Holbrook, metro Wash DC							1928	50	x 10

Yr=Year Started BCB DXing TDH=Total Domestic Heard SH=States Heard PH=Provinces Heard TDT=Total Domestic Taped ST/PT=States/Provinces Taped TDV=Total Domestic Verified SV/PV=States/Provinces Verified. x=Washington, DC E=Estimated I=Incomplete R=Recalculated

Anyone who did not update totals within the past 24 months was subject to being dropped from this list. Because it was handled by the computer, a simple data entry error on the part of the editor may have resulted in your being dropped. If so, please let me know. For the next listing, anyone who has not updated since June 1, 1983, will be dropped.

Dallas Lankford (c) 1984

Here is an easy test to determine if your HQ-180 series receiver is performing well with regard to sensitivity. This test is similar to a test described in the NAVSHIPS 1970 manual for R-390A's. The basic idea is to use the built in 100 KHz crystal calibrator as a standard signal source, and the S-meter as an indicator of sensitivity. The problem with this method for '180's, is that there were at least four different S-meter circuits in various production runs of '180's, and that S-meters in individual '180's can be set to have different sensitivities. Fortunately, the AVC voltage is approximately uniform for all '180's in my experience, so that you can use a high impedance DC voltmeter (10 meg ohms or higher) to do the initial test, and calibrate your individual S-meter. It is not necessary to remove your '180 from its cabinet because the AVC voltage can be measured at one of the rear accessory sockets, consult your manual for the correct socket and pin location. Control settings of your '180 can significantly effect readings, so be sure to take readings with controls set according to the chart below. Attaching an antenna or ground can substantially lower readings, while using narrower bandwidths or UPPER or LOWER can greatly raise readings, e.g., in the 1 KHz bandwidth AVC voltages on the lower bands can approach -10 volts DC. Remember that AVC voltage is negative, and connect your voltmeter accordingly. I generally connect the negative lead of my voltmeter to the receiver ground, and the positive lead to the AVC line, and use the reverse polarity setting of my voltmeter. (Opps, out of order: the AVC SLOW and MEDIUM settings also effect AVC voltage.) This test will often detect "bad" tubes which will test good on a tube tester. If the AVC voltage is not at least -6 volts DC, I would strongly suspect one or more bad tubes. I found a "bad" tube in one of my '180's using this test, and when the tube was replaced, the '180 had much less overload problems. In fact, I would suspect that much of the '180's reputation for overloading is caused by "bad" tube. which test good on tube testers. Speaking of tubes, it is worth the effort to locate and buy seven and nine pin tube pin straighteners. GC makes a good, inexpensive 7/9 combination tube pin straightener. If you have never used one, you will be pleasantly surprised. Tubes go back into their sockets much easier with straightened (aligned) pins. One more thing. I generally set my '180's S-meter so that the strongest signals give maximum S-meter readings. For late model '180's S-meter so that the strongest signals give maximum S-meter readings. For late model '180's this is about 60 DB over S-9, and in earlier models about 45 DB over S-9. The S-meter readings in the chart below are for late model '180's. Finally, the test is really not correctly named because readings depend not only on the RF, MIXER, and IF circuits, but also on the 100 KHz crystal calibrator, AV., and S-meter amp circuits. So when replacing tubes try to bring readings up to where they should be, don't forget to first try replacing the 6BZ6 100 KHz calibrator tube, the 6BV8 and 6AV6 tubes of the AVC circuits, and the 12AU7 meter amp tube. When replacing tubes, first try replacing one tube at a time. This usually succeeds, but when more than one tube is "bad", you may have to replace two tubes at a time in all combinations, three tubes at a time in all combinations, etc., until you cure the problem. As the '180 manual states, "weak" or "bad" tubes are the cause of the vast majority of '180 receiver problems. And the test I have described here is often the only way to determine and cure such problems.

HQ-180AC serial number 30836615

SENSITIVITY TEST

Controls must be set as follows for the sensitivity test.

NOISE LIMITER - OFF

AVC - FAST

SEND/RECEIVE/CAL - CAL

AF - comfortable listening volume (use either speaker or head phones)

RF (gain control) - fully clockwise (white pointer about 6:30 o'clock)

BANDSPREAD - 100

SIDE BANDS - BOTH

SELECT KCS - 3

AM/SSB/CW - AM

VERNIER TUNING - 0 (red pointer at 12 o'clock)

BFO - not applicable

SLOT FREQ - +5 KCS (red pointer at 9 o'clock)

TUNING RANGE MCS (band) - per chart below

MAIN TUNING - per chart below

ANTENNA (trimmer) - adjust for maximum S-meter reading

NO ANTENNA OR GROUND CONNECTED TO RECEIVER

For more accurate determination of sensitivity test connect a FET VOM or other high impedance voltage measuring device as follows: positive lead to pin 2 of rear socket (AVC voltage), negative lead to ground screw on antenna terminal of receiver, set to DC voltage range 10 volt maximum scale, and set reverse polarity switch to reverse (AVC voltage is negative).

BAND	MAIN TUNING	S-meter reading in DB over S-9	AVC voltage (negative)
1	.60	about 60	6.4
	1.0	about 60	6.6
2	1.1	about 60	5.0
	1.9	about 60	5.5
3	2.3	about 60	5.9
	3.8	about 60	5.8
4	4.4	about 60	5.2
	7.6	about 60	5.8
5	8.8	about 45	4.2
	14.7	about 50	4.4
6	17.3	about 5	2.5
	28.8	about 10	2.8

Permission is granted to the National Radio Club to publish all or parts of this article, and otherwise use any of the material contained herein.

R&R/Friday, November 30, 1984

FINES THREATENED

Broadcasters Put On Notice In Five Areas

Hinting that broadcasters may be abusing technical deregulation, the FCC has announced that its inspections are turning up too many broadcast violations in five specific areas: EBS tests, frequency tolerance, unauthorized operation, directional antenna tolerance, and antenna tower painting and lighting.

The Commission noted that it has dropped preventive regulations governing how often to measure frequencies, what meter readings to log, and what equipment to use in checking modulation. It now relies on stations to stay within frequency tolerances, and to maintain proper power and modulation.

Citing the five areas "where too many violations are occurring," the Commission advised "that licensees should promptly review the activities at their stations and correct any violations. Should the violation rates not decrease, we will increase our enforcement efforts and issuance of monetary forfeitures for these and other violations."

Here's a review of the rules to be followed in the five trouble areas:

- All stations must conduct Emergency Broadcast System (EBS) tests once a week, on random days, between 8:30am and local sunset. Tests must be conducted according to the EBS checklist given all stations by

- the FCC, and results must be recorded in the station log.

- The frequency must be kept within allowable tolerances - 20 Hz for AM, 2000 Hz for FM.

- Stations must broadcast in accordance with the terms of their licenses. That includes observing specified hours of directional operation, plus sunrise and sunset power changes.

- For directional antennas, base currents and monitor currents must be kept within the allowable 5% tolerance.

- Tower lights must be inspected once each 24 hours, guarded by an automatic indicator or alarm in the case of failure, and be cleaned and repainted often enough to maintain good visibility. Mechanical control devices (alarms, etc.) must be inspected at least every three months, and lighting failures must be noted in the station log.

Turn your radio on for airport info

By PAULINE THOMA

STAFF WRITER

Airline passengers approaching Cleveland Hopkins International Airport are getting information on their car radios of flight delays or parking problems, thanks to a new emergency broadcasting system there.

The Ohio Department of Transportation erected signs 2 1/2 miles from the airport along Interstates 71 and 480 advising drivers to tune to KNEB at 1610 on the AM dial to hear the broadcasts. No signs have been installed on the Ohio Turnpike because no clear signal can be heard more than two miles from the airport.

The information is provided 24 hours a day by the Cleveland Department of Port Control, which has spent \$32,000 from landing fees and rentals to develop the system.

The non-commercial station began operating Monday. It will transmit taped messages on availability of parking in the garage or lots, airline flight delays, instructions on rental car returns and parking rates.



RT. 1, BOX 38, WASCO, CALIFORNIA 93280
P.O. BOX 3189, BAKERSFIELD, CALIFORNIA 93385

11/16/84 PLAIN DEALER

Now, here is something that you should have thought of? How many of you have sent to a AM Stereo station a reception report? Frederick did. (Thanks Frederick) (...you to All! -HQ)

WLS Radio 350 North Michigan Avenue Chicago, Illinois 60601 Telephone 312 782-2002

Alfred E. Resnick, P.E. Chief Engineer

Dear Mr. Vobbe:

This is to verify your reception of WLS on October 9, 1984.

WLS is one of twenty-five Class I-A stations in the United States and operates with 50,000 watts on 890 kHz and a non-directional antenna on an unlimited schedule. When propagation conditions are good, WLS is frequently heard in Europe and Central America, as well as all 50 states, Canada and Mexico. The FCC protected nighttime service contour of 0.5mV/m, 50% of the time or greater, serves over 30 states and Canada. The daytime groundwave 0.5mV/m signal reaches five states, and the 0.1mV/m contour reaches seven states.

WLS operates with a non-directional antenna, day and night. The main antenna in use today at WLS was built in 1938. The design was optimized to minimize the selective fades that occur in the distant ground wave coverage areas between the skywave and ground-wave signals. The antenna stands today as it was originally designed. It is 586 feet tall - just a little over one half wavelength.

The WLS Transmitter site is located in Tinley Park, Illinois, some 26 miles south and slightly west of downtown Chicago.

Thank you for your interest in WLS, good luck and good DX in the future.

Sincerely,

Handwritten signature of Mr. Frederick R. Vobbe

Mr. Frederick R. Vobbe P.O. Box 127 Temperance, Michigan 48182

October 17, 1984

First AM stereo Reception Report



TELEMEDIA ONTARIO INC. CFCH 600 RADIO 743 MAIN ST. EAST, BOX 3000, NORTH BAY ONT. P1B 1C2

Station Profile

Tony Fitzherbert 356 Jackman Avenue Fairfield, CT 06430

Guest Editor - Paul Swearingen

(The following is extracted from the August, 1984 issue of WITFD's "UHF-VHF Digest" and is written by Mike Dorner in Bruce Elving's "FCC FM News".)

(received via phone lines from Paul Swearingen)

WITX-690 New Orleans is the station that made Todd Storz famous. He came down to New Orleans with his top-40 format (local news at :55) from a successful stint with KOWH-660 [daytime] Omaha (now KCRO,g) ... In the army, he hung around PX'es and noted that the GI's kept playing the same records. Even the waitress would play the same ones after closing. When he returned home after service, he persuaded his father to mortgage the successful family farm to buy KOWH, which was for sale. The station became an immense success, beating out WOW and KFAB. WITX, meanwhile, was a foundering classical music station on 1450. Storz bought it, and wondered if his format would work in the large cosmopolitan, multi-ethnic market that is New Orleans? Well, I was 14 when Storz came to town in 1953. The station was an immediate sensation. Popular music 24 hours a day, remotes, incredible cash give-aways - it was top 40 at its finest. In 1958 Storz bought a weakened independent on 690, WVEZ, transferred the WITX call to it and built the station up to 10,000 watts. For almost 25 years WITX was No. 1 - its closest competition, WNOE-1060, never able to beat it. Many other competitors gave up - WJBW, WDSU, WSMB, WNNR, WIXD(FM), WRNO(FM). Recently WITX, the flagship of Storz's 6-station fleet and nationally celebrated as the granddaddy of all top 40 stations, was sold. The new owner, Price Custus of New York City, is planning format changes, and the local newspaper writes of large staff defections and low morale. What happened? Simply this - FM beat the hell out of it. First, WITX slipped to second; then third, then somewhere down near 6th on Arbitron's list. By August, 1983, it was no longer in the top ten. Surely, Bruce, this is a watershed in the story of radio. WITX - nationally known as the first of the real top 40'ers, the format that saved the radio medium in the glory days of television growth, is gone. At least the WITX we knew. And FM did it in ... WABC New York was a marvel, too, but it - and WLS Chicago - were inspired by WITX!



Proclaiming Life Through The Son

WJYM P. O. Box 1008 Bowling Green, Ohio 43402



(Not sure who sent this in...but thanks anyway - HQ)

Here is the Texaco-Metropolitan Opera network as listed in "Opera News" 12/8/84. The network mostly is composed of MBS, NPR, and CBC (both English and French) stations. The majority of the network is FM, but there are 72 AM stations listed below. The broadcasts occur every Saturday afternoon (from 12/01/84 - 4/20/84) beginning at 2 PM ELT. Two broadcasts begin at 1 PM ELT; two begin at 12:30 ELT.

Table listing radio stations and call letters: 540 CBK-SA, 790 KXXX-KS, 940 CBM-PQ, 1270 WCBC-MD, 1390 WJCD-IN, 1550 KKH1-CA, 550 WCBI-MS, 800 W5ST-FL, 950 WIBX-NY, WCCG-NC, 1400 WNEK-GA, KHB1-TX, KOAC-OR, CBQ-ON, 970 CBZ-NB, 1320 KAMC-AZ, 1410 WRDC-MS, CBE-ON, 570 WACL-GA, 860 CBH-NS, 1010 CBR-AB, KWHN-AR, 1420 WDBF-FL, 1560 KPMC-CA, WGMS-MD, 900 KB1F-CA, 1110 CBD-NB, 1330 KFAC-CA, WRCC-GA, WR1N-IN, 640 CBN-NF, WFLN-PA, 1140 CBI-NS, 1340 WGAU-GA, 1430 KHRC-LA, WQXR-NY, 690 KGGF-KS, 920 WKYD-AL, 1150 KWKY-IA, KSKI-ID, 1450 KBPS-OR, 1580 KZ1A-NM, KUSD-SD, WBAA-IN, 1170 WACV-AL, KBRK-MA, KBBS-WY, CBU-BC, CBO-ON, 1230 WSBB-FL, WOUB-OH, 1490 KOB-CA, + other CBC stations, 730 KYME-ID, 930 KIUP-CD, KSEY-TX, WOKE-SC, WFLB-NC, stations, WPIT-PA, WITN-NC, 1250 KBB1-AK, 1350 KMAN-KS, WSVN-MC, WSMV-MC, 740 CBX-AB, WLBI-WI, KWSU-WA, 1370 KUCC-MT, WKVT-VT, + 349 FM stations, CBL-ON, 940 WIPR-PR, 1260 KQSA-TX, WMYD-RI, 1520 WTLN-FL, stations

a The network list has WTOX 740; WTOK was on 740 and moved (with call letter change) to 730. b Two week Sunday delay c The network list has the old call WCOV. d Next day delay e The network list has the old call KBTH.

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

As this will be the last issue before the Christmas break, allow me to wish you and yours the best of the holiday season, especially true peace and happiness for the coming year. We're featuring first-time Musers who've held off for more than a year this issue. #14 (deadline: Dec. 29) will highlight our venerable 25-year-plus members (continuous or cumulative) whom we hope will favor us with some of their DX memories. And continuing in a nostalgic vein, let's devote #15 (Jan. 5) to those DX'ers who use tube-type rx's as (more or less) their principal BCB DX rigs. Equal time will go to those DX'ers using crystal sets and portables in #16 (Jan. 12), and to those using solid-state rx's, computers, and your basic state-of-the-art equipment in #17 (Jan. 19). So plan ahead and shoot us a Muse for those issues. On with it!

Jim Chocklett - P. O. Box 1201 - Mauldin, SC 29662 (pm 11-6; rec'd 11-9)

Greetings from the Palmetto State. As an NRC member for about a year now, I finally have gotten over having sweaty palms and decided to send off my first Muse. As far as introductions go I might as well start with the thing that draws the most attention (wish it were looks, hi); my last name. It is pronounced like the flavor, and as you can imagine I have no difficulty in getting noticed, having double takes, strange stares, and questions about my name. However, most people usually remember it and me. Also pseudos are attached to me by well-meaning people all the time, so I hope no one is offended if it happens to me in the NRC. (We'll offer equal time to other flavors, hi -pls) As to other details, I'm a 35-year-old chemist and self-employed environmental consultant (or as many of my clients say, "insultant"). I'm married to a wonderful young lady (she leaves me alone while I'm DX'ing and doesn't dare to cut the microwave on) (Sigh -pls), Connie, who is a school teacher. We have two sons, Jay, 3, and Wyatt, just born October 15. I have been active in BCB DX'ing off and on for twenty years but have only started back seriously a year ago when I logged Cayman Is.-1555 on my car radio. Since then I have obtained an R390A, a Sony ICF-6800W, and a Sony SKF A-100 to go along with my older Lafayette HE30 and Hallicrafters S-22. Since I'm on the road a great deal I do a fair amount of SSS and SRS DX'ing on my car radio (Alpine AM/FM) in my Rabbit. Some interesting DX here of late includes KFAB-1110 over WBT Charlotte NC almost every morning; I believe I'm getting just the opposite effect as Ernie Wesolowski in Omaha is having with the same stations (Issue #5 Muse). KSL-1160 and KOMA-1520 on 9-29-84. Along with these varies I just received nice letters from KAAV-1090 and KQYX-1560 (only second MO verified). Varies in from Cayman-1555, Anguilla-1610, XERP-1570, and I'm really excited over CBN-640, Newfoundland. New loggings include ZNS3-810 and Cayman Is.-1205. I really appreciate the benefits of the NRC membership, and I have found the information in the DX News just great. I get just about as excited as Terry Funk (Issue #5 Muse) details and I just wonder how I got by in the hobby before joining the NRC. I especially like the size and format of the new Domestic Log (I carry the older, smaller one in my car). I'm looking forward to taking a more active role in the NRC and hope to hear from members that share some of my interests (more to come in future Musings) and especially ones nearby so that I can compare notes. Keep up the excellent job and best wishes to all. (Welcome to the strange world of Musings, Jim, and do "flavor" us with another Musing soon, hi -pls)

K. C. Kerchner - RR 1, Box 91 - Edelstein, IL 61526 (pm 10-22; rec'd 10-25)

The season has started out pretty good, here in central IL; a lot of low-powered daytimers from all over, and some pretty fair openings from CA. I did not attend the convention, afraid of the SWAT team rumors (and I've been with the Peoria Police radio shop the last 5 years). The local elevator music station is WSWT, but they don't have bumper stickers, otherwise I would have sent some to the convention. For intro purposes, I'm 33, married, have a 4-year-old son, and am a left-handed amateur (KC9IH). I joined NRC a little over a year ago, and originally started DX'ing in the early 60's. My prize antenna is a spiral that is wound on pegboard, much easier, and no holes to drill. Lately, I've done most of my listening on a stock TRF. It has produced very well this year, as good as last year when I had a beverage tied on it. Can't wait for the AM band expansion, all the obsolete radios! Decided sleep was more important last year, and I missed the WLS silent period, but I'm gonna try this year; thanks for making it possible again, Al! Would like to see the other Chicago/St. Louis 50 kw'ers take a siesta. Speaking of siestas, it's either time to modify the DX-100 some more, or take a nap. 73/k. (Welcome to you, Casey, and when you wake up, don't wait so long to compose your next Musing -pls)

Bob Klinger - 5206 Woodlawn Dr. - Harrisburg, PA 17109 (pm 11-19; rec'd 11-23)

Hi, my name is Robert J. Klinger, Jr. (Bob) and the following is my first Muse ever. I have just ended my first year in the National Radio Club. I must say I was very impressed with the DX News I received. They helped me a lot in finding and identifying new stations. Anyway, I've been a BCB DX'er for about 6 years. I don't really keep a count of how many stations I hear. But I do keep a count of how many countries I hear. My receiver I use is a Sony ICF-6500W, with no external antenna. So far I have heard 10 countries. Some of my catches are The Caribbean Beacon-1610, RJB-800, R. Belize-834, R.

Cayman-1555, XEX-730, R. Caracas-750, R. Paradise-825, and Radio Sutatenza, Bogota, Colombia, my farthest to date. Here in the U. S. I've been able to hear 24 states. And for Canada, I've been able to hear 3 provinces, and of course I've heard my share of Cubans. Well, I guess that's all for now. I hope to write another Muse very soon. So 73's and good DX to all. (Welcome, and keep us posted on your country count and other DX prowess, Bob -pls)

B. B. McClurkin - 3520 W. Bangor Ct. - Irving, TX 75062 (pm 11-29; rec'd 12-1)

This is my first Musing so will introduce myself. Received my first QSL in March 1932 at age 15. DX'ed from 1932 to 1940 when family, WW II, work, and night school rearranged my priorities. Would twirl the dials very seldom until 1978 when I retired after 40 years service with a major oil company. The bug bit me again, and I purchased a Panasonic RF-4900 and Radio West loop antenna. Made my first convention in Colorado Springs and enjoyed meeting all the members attending. Logged Wayne Heinen's local in Aurora, KEZW, after returning home. Log now totals 1,078. 44 contiguous states plus Alaska and Hawaii, 6 provinces, 31 countries. All continents except Africa. Have rearranged antenna system so that at my option I can use some of the procedures explained to me at the convention by some of those familiar with the technical aspects, Wayne, Mike, Bruce, Richard, et al. My problem now is that when I boost the antenna pick up power I'm in the daytime pattern of three locals that come in all over the dial and give me fits. I talked to the engineer at one of the stations, and he suggested I build a trap. I told him my skills were nil in that area. Seems to be no consistent pattern as to which one or where they will show up on the dial. Regardless, DX'ing is great fun and a real challenge. 73's and good DX'ing to all.

And now, back to our "regular" Musers ...

Bob Mielcarek - Milwaukee, WI (pm 11-24; rec'd 11-26)

Greetings once again from Milwaukee, home of ANARC '85. In my last Muse, I mentioned that this season was off to a slow start; it sure didn't take long for that to change. On 11-11, John Rieger held a sunset DX get-together, which turned out to be the best single DX session I've ever had. Conditions were good in all directions, and with nine people manning the dials we had the band well-covered. Everyone there managed to log at least six new stations, and I was fortunate enough to bag 12 new ones. Between 4 and 6:30 pm CST, I heard WBZW-1040 TN, WOSU-820 OH, WSVQ-740 TN, WQBE-950 WV, WJMW-770 AL, WOTA-950 GA, WJEP-1020 GA, WXGR-1190 MS, KHOG-1030 AR, HJCT-1190 CO, KCUL-1410 TX, and WMP5-1380 TN. Things haven't slowed down much since. Since then I've logged the following: 11-12: SSS CRPC-1380 ON; 11-13 SRS WDOE-1410 NY, SRS 11-14 WJLJ-1440 NY and KSPA-860 TX; 11-15 SSS WGRY-1220 NY; 11-15 SSS KZOT-1460 AR, KJSK-900 NE, KLSM-1060 MO; 11-18 SSS WBOB-1040 FL, KLBJ-590 TX, KSEB-750 OK, WTAW-1150 TX; 11-19 WYNS-1150 PA on a PC, 11-20 SSS KRWF-860 AR; 11-20 SSS KDXY-1100 TX; 11-21 SRS WKIX-850 NC; 11-21 SSS KHS-1560 LA, WQMS-1500 AL; 11-22 SRS WEXG-810 KY. With all that activity I've passed the 1,100 mark and hope to hit 1,200 by the end of the season. I've sent out a lot of verie requests in the last two weeks; hopefully I'll have better luck this year. /// I'd like to make a request of Musers; when listing your catches, would you please include the frequency and state, along with the call letters so the readers won't have to dig through their log books to find out what you heard. (Good idea; we'll adopt your suggestion as the standard, as listed here -pls) /// That's all for now; more as it comes in. Hope to see you all at ANARC '85. BM.

Bob Smolarek - RD #1, Box 63 - Whitehouse Station, NJ 08889 (pm 11-23; rec'd 11-26)

While on vacation in Petersburg, VA on Sept. 26, I had fun DX'ing at sunset at the Steven Kent Motor Inn. Although not far from Richmond, WRNL-910 and WANT-990 did not come in that good, and I could hear WNEW-1130 even with WRVA-1140 only a few miles away; WRVA does not splatter much. Some stations that really bombed in were WDE-850 AL, WPAK-1000 AL, WFBG-1290 PA, and WRBX-1530 NC. Other stations that came in good: WCPS-760 NC, WQMS-1050 VA, WIOB-1380 NC over local WIVR, WCHL-1360 NC, WANC-1350 NC, KAAV-1090 AR, WPOP-1410 CT, WSUN-620 FL, WERC-960 AL, KWAM-990 TN, WQBE-950 WV, WJNR-1430 NY, WSKQ-620 NJ, WTYN-1160 NC, and WCNB-630 GA. That's quite a few states heard in one night in Petersburg. Now for some recent DX at my home: 11-15: WRNC-1600 NC at 1755 and CHNR-1600 ON at 1302. 11-19 an auroral night: WKBX-630 GA at 1725 and WCGY-850 FL at 1835. 11-20 even more auroral with WDNZ-940 FL at 1712, WBSS-980 at 1730, WQBA-1140 FL at 1734 and WATN-1590 AL at 1806. This night was really something; the aurora took out everything except the closest locals. Northeast blasters WBZ, WPOP, WQW, WTOP, WCRC, WIRY, WKW, CEM, and CBF all could not be heard around 6 pm in total darkness. Who needs silent periods with an aurora like this?

Radio Roundup

Pete Kemp - P. O. Box 73 - Bethel, CT 06801 (pm 11-24; rec'd 11-27)

Greetings of the season to all ... Former Chicago DJ Leo Rangers has won an age discrimination suit against WCLR. He picked up a reported \$97,000 in back pay. This situation stemmed from the radio station's change in format, thus firing all DJ's under 40 years of age. Station administrators are now becoming more reluctant to sign announcers to long-term agreements, for fear of having to "eat" the contract, should the ratings not be to their liking ... WSB is back into sports in a big way, having signed on for the rights to broadcast the Falcons and Braves games in 1985 ... KVI in Seattle is scheduled to broadcast

all the basketball games for Seattle Pacific University and Washington State University ... The Madison Square Garden Radio Network has added AM's WALL, WBIX, and WQBK to their affiliates list ... the Sillemman Morrow (the latter of Cousin Brucie fame) has sold its interest in WRAN and WALL ... A recent court decision between the State of Maine and the Passamaquoddy Indians has given the tribe the funding to purchase WRKD in Rockland, ME. They are believed to be the first Indian tribe east of the Mississippi to be radio station owners ... WHUE-Boston has been sold. Their FM sister was also sold and its call letters will be changed to WOOZ-FM ... Rick Sklar, the founder of the Top-40 format, used by WABC in its heyday, has left his V. P. position with ABC to form his own company ... In Philadelphia WFIL has adopted a policy of not mentioning "Happy Hours" or other comments "...which may stress or encourage drinking." ... WCAU sportscaster Bill Campbell has been inducted into the Pennsylvania Sports Hall of Fame ... KRE in Berkeley has switched format to r&b ... Former Ohio State University basketball captain Craig Taylor has taken on sports chores for CGU games on WENS ... The Florida Network and WKIS have reached an agreement to head up a network to carry the Orlando Renegades of the USFL ... On the subject of network formation, Radio AAMS, a new children's radio network, has signed WEXI in Jacksonville, FL as its first station. WEXI will expand its kids' programming from the hours of 6:00 am to 9:00 pm daily ... So much for now.

Steve Kennedy - P. O. Box 552 - Huntingdon, TN 38344 (pm 11-24; rec'd 11-27)

Season's Greetings from the Carroll County Radio Freak. I hope all had a nice Turkey Day feast, and a good Christmas this year. I have a small bit of DX to report ... getting active at last. 11-24: WKRC-550, WESC-660, and WOSU-820. Also noted 11-24 that most of the Eastern U. S. clear channel stations were still audible at 8 am ... good late fall DX'ing conditions; haven't seen this in years. Since I moved up here 6 months ago, my totals stand at 166 stations heard; 80 of these are relogs of stuff hard in FL. I don't count call changes as a new station, nor changes in power on the same frequency (Nor I -pls). Overall totals stand at 535 Domestic, 262 Foreign. I seldom ever QSL unless it is an unusual station. Most of my QSL work is done with SW DX. I am still looking for an HQ-145A or a decent quality tube receiver. Had one call, but the R-1000 is my favorite rx, and I am looking to buy, not trade. So maybe someone out there in NRCland will have something I would be interested in. The economics affecting many AM stations at present are not encouraging for those who work in radio for a living. I have been on and off the air for over 15 years, and I am considering quite seriously of leaving the business for something more stable. I have worked strictly AM radio jobs all these years, and it is not the same game it once was. I will make a prediction that within 3-5 years, the AM and FM bands will be filled to maximum capacity. At that point, advertising dollars will become so thinly spread out that there will be many stations that will go silent ... not enough money to keep them on the air. Then we will witness a reversal of the trend of more NSP operations, stations on the clear channels, etc. Within 10-15 years, I believe most local radio will be FM and AM channels will be vacated with the only surviving stations being larger AM operations. There has to be eventually an end result of all the new AM stations going on the air. AM stereo will help somewhat, but the average person today has almost abandoned AM for FM ... less interference, better fidelity, etc. I believe with a growing population of older Americans, who traditionally listened to AM, prefer MYL, news-talk formats, and naturally sports ... AM radio will survive to program for these listeners. Most music-type formats will eventually be mostly FM ... AOR, c&w, Black, and other musical programming, including CHR and T-40. The days of the little daytime AM operation in Smalltown America are slowly losing ground ... FM is the medium people are buying these days. Maybe next year if I stay in radio, I will switch to FM ... I don't know. I hate to paint a bleak picture of future trends for AM broadcasting, but the signs are evident that a lot of AM stations are in trouble ... only time will tell. Well, gang, I am going to close for now. Again, if there is a good HQ-145 needing a good home ... let me know. Happy Holidays. 73's. (Since you brought up the subject, allow me to tack on a few comments concerning the future of AM. Two years ago I predicted that AM stereo wouldn't make much difference in the future of AM, and I'll stick by that. If AM stereo had been feasible in the early '70's, before FM had made its move into leadership in most markets, it might have changed things somewhat. I agree with most of your views, but I don't think that "many" stations will go silent, and especially small-town AM's. To stay afloat, many of the AM's will program better news/information/community affairs segments, probably interspersed with satellite news/entertainment feeds. Good management, coupled with intelligent programming, will make all the difference [look at the differences between Chicago's WGN, WLS, and WCFL in the ratings right now, for example]. The locals will continue simulcasting much AM/FM programming to save money. Finally, after some adjusting to prevailing conditions, there will be more AM's [plus FM, LPTV, and translators for FM and TV] on the air than ever before, say in about 20 years. Small-town radio stations are in direct competition with newspapers, cable TV, and other local media for the advertising dollar, and although many papers are shaping up, the radio operations are becoming more profitable than the traditional small daily newspapers, which many readers continue to buy no matter how gawdawful the contents. Of course, anyone can put out a paper and exist on a shoestring, having it printed elsewhere, and putting a radio station on the air is expensive, but the station which starts with good financial backing for two years or more [including good management and an intelligent program director] will succeed. That's my opinion, as a person who has been involved in several media for 20 years; I'd like to hear from others in the media. Where do YOU think it's all headed? -pls)

KIPA-620, KHLO-850, and KPUA-970. Much sought-after WUV-648 usually covered by semi-local KYAK-650, and lately KORL-650 has been quite prominent, since it sounds like they have gone 24 hours. The Hawaiians are always amazingly strong up here, but by far the strongest that appears regularly is KNUI-900. The only Hawaiians not yet rcvd here are KOHO-1170, KNDI-1270, KLANI-1380, KZHI/KWAI-1080, and KIPO-1350/570; all others have been in varying strengths although KHHV-990 and KSSK-590 are usually among the strongest. Semi-local Homer's KGTL-620 plans on shifting its Kenai translators to repeat AM, as a sister satellite FM station is replacing the present low-power FM repeaters. They will also be starting a repeater here on Kodiak to repeat KGTL-620 on 102.3. (Did I lose you somewhere?) Also converting to FM soon will be our APRN repeater presently on 960 in Kodiak. That's it for now.

Newsies WXPX, WCKI, WQBK, and WGLI

Bruce A. Conti - 39 Bayberry Drive - West Warwick, RI 02893 (pm 11-27; rec'd 11-30)

Domestic DX'ing's been good as the season moves into full swing. Some of the highlights thus far: WRFD-880 OH has been heard regularly w/WCBS at sunset since the time changed back to EST. Another regular at sunset has been CMCY-920 ON along with CKXN-ON, both heard o/local WLIJ. On to the latest DX, all times EST. 11-23: WTYO-1580 NJD was caught at 4:53 pm with Keystone? race results and an ID. The last time I heard this one was when they were WRDI. At 5:00 pm, WIKE-1490 VT made it through the pack with an ID heard 1/6 before news, and before fading back into oblivion. A nice surprise was found at 1300, with newie WXPX-PA all alone on the frequency at 5:32 pm, with mellow rock mx, local ads, and 13-X ID's, till s/off at 6:00 pm, after which WFER took over with no sign of WRVZ. On 11-24, fellow Rhode Islander Clay Adamson and I went to the annual Thanksgiving GTG at Rocket Ray's. Our thanks to Arlene and Ray Arruda for hosting another great GTG at the Lower Deck! A couple of good sunset catches were had at the GTG in Acushnet, MA. At 4:45 pm, WKBA-1550 VA was in there with an ID between REL programs. WINA-1070 VA came in briefly at 4:51 pm. We then went to Neil Kazarov's Narragansett beverage site for some DX'ing. On his south beverage, LA's were dominating the dial. Florida was also an easy catch on 560, 610, and a tentative on 1320. It's amazing what a few thousand feet of wire and a coastal location can do for DX'ing. 11-25 DX: Another surprise, WCKI-1130 MI was making it through WNEW with c&w mx, and Mutual mx, 4:50-5:04 pm, another newie. WGNV-1220 NY just barely got in at 5:14 pm with an ad for a restaurant in Cornwall, u/the "brand-new" c&w WGAR. Newie WQBK-1300 NY was caught with talk, and ID at 5:27 pm, and ads for businesses in Albany, o/u

Greg Myers - 1518 Professor Ct. - Richmond, VA 23228 (pm 11-26; rec'd 11-29)

Happy Holidays to everybody and I hope everyone's DX is as good as I've been getting! To start with on 11-21 KOA-850 in from 0633 to 0646 with talkshow and a couple of PSA's. The Thanksgiving weekend turned out to be quite productive DX-wise as I had a four-day weekend due to the school break. The results were: 11-23 WXYZ/WCBC-1270 both in together from 0029 to 0108 with WXYZ running Larry King and WBCB with Talknet (I know that's not too exciting but I figured I would include them since I reportyted 'em, finally!). Also on the same evening was WML-920 from 0122 to 0200 with varied types of music and ID's, CBS news on the hour. Later that day found R. Paradise-825 in from 9:31 pm to 10:31 pm with religious programming. This was a real treat as I didn't even know my small portable could get a split-frequency (I'm still not convinced it does!!). 1-24 found WFDZ-1460 in from 0127 to 0208 with mx, mention of the "new PDQ". On 11-25 found the Canadians with a strong showing with CKWS-960 in briefly with ID, mx at 0116, CHUM-1050 o/u WRN with ID's, PSA's, and mx, CHOK-1070 o/u WIBC-WNCT; both CHUM and CHOK were heard between 0130 and 0240. Recent veries in from WBEW-930 v/g, WZBO-1260 v/l, WOOV-1340 v/l, WRLD-1080 v/q BX, KIVI-560 v/l CM, and WCKB-780 veried on a Xerox of my report.d Verie signers on the way to Wayne. (Thanks -pls and Wayne, hi) In response to the "demand" that all veries in DXN be sent to Verie Game I find it interesting. I know I certainly use the names from the column and the more, the merrier. I guess we'll see what happens. That's all for now; till the next Muse have the best DX and 73's. (Agreed on "the more, the merrier"; a little duplication doesn't hurt; but not sending v/s to the proper column does. The "demand" was not for DXN but for Musings -pls)

Rod O'Connor - CG Box 1467 - USCG Air Station - Kodiak, AK 99619 (pm ?; rec'd 11-30)

Greetings all, and time for another Muse from the north. Conditions here have been quite good. With the longer nights, I am slowly getting all Alaskans logged. My trusty Superadio with 20-foot longwire has been very sensitive, not only to radio signals, but to cable-TV interference from upstairs, and electrical noise from the oil burner. Unfortunately, not too much can be done about it, so I try to do most DX late at night. Have rcvd most all western Alaska stations except KYUK-580, due to local KVOK-560 splatter. Even getting Adak-890 on a fairly regular basis. No KBRW-680 yet, but all Fairbanks stations except KGHX-1300 logged. Also missing are the Juneau stations KINY-800 and KJNO-630, and new Petersburg KRSA-580, although KTKN-930 does occasionally squeak through. Surprisingly, KVAK-1230 Valdez is a reg here, as is little 250-watt KIAM-1450 Cordova during the day, and was during the summer too. KSDP-840 Sand Point also makes it here frequently during these short days, usually repeating KDLG-670. Just recently rcvd the new APRN 50-watt repeater on 1490 at Seward Armed Forces Recreation Area. Not bad for 200 miles. This repeater just began operation this past summer; it relays same programming from Elmendorf AFB as the rest of APRN stations here in Alaska. Have been trying to get some "Down-Under" stations, but so far my southern-most stations have been the Hilo, Hawaii trio

WVZ, as 1300 has become a very active frequency at sunset. 11-26 MM: WRRO-1440 OH was heard along with an UNID all-nx/CNN station, 1:12-1:30 am; WPTQ must have been off. The CNN station was probably WMR, but no definite ID could be pulled out. WSSJ-1310 NJ was in with CKOY and a couple of others, 1:52-2:00 am. The last time they were logged, the calls were WCAM. And newie WGLI-1290 NY came through with Long Island wx at 2:03 am. Local WRCP was off. Don't forget, RHODE ISLAND is the place for the 1985 NRC Convention! 73's.

Karl V. Jeter - 2115 Scarbrough Road - Stone Mountain, GA 30088 (pm 11-29; rec'd 12-1) Greetings. DX continues to roll into this shack fairly well lately, with all sorts of interesting stuff being heard. Going back to 11-12, WBRB-1580 hrd 1858 with s/off, very weak, ment. 250w; then, KNIM-1580 rolled in next for a newie, 1900 with ad for Nodaway Valley Bank cut short for s/off, also ment 250 w. With 1580 fairly clear, I listened for a good solid 15 min. to KNIX with csw and various ads, incl. a Monday Night FB contest promo ... this was the best KNIX has ever been heard here. They are unnn now, but still nice to listen to an AZ station at SSS, hi! On 11-16, SSS efforts bagged KDRY-1100 with WWWE phased somewhat; the former with rel. mx and promo for a rel. pgm, 1841. 11-19, tuned to 880 at 1735 and unexpectedly hrd KRWN blanketing the freq. on top of everything else, with wx and notice about a wheatgrowers' association meeting. 11-25, 1659, 1170 dominated by WLBK with csw, nx, and ID - this was even over semi-local WHNE! Later the same eve, nice to hear KFNW-1200 bombing in 1730 with AM-FM ID and "Lutheran Vespers" pgm. I took Mon. 11-26 off, so a full MM DX session occurred then, with interesting results. For one thing, I borrowed Chuck Hutton's phasing unit which is more sophisticated than mine. KILT-610 in with "610 Radio" ID's and csw 0012 - not hrd in many years. KBCQ-1020, unnn, hrd nicely 0100 with EZL mx and ID, ment. 50,000 w. Over to 1030, log taken on the new WXSS in Memphis, with r6b mx and freq. ments of "The All-New AM-1030", "The New Sound in Town", etc. While listening to WXSS (with WBE phased into oblivion) I heard unnn KIWO with "K-TWO" ID's and nx pgm called "Report to Wyoming", this 0121-0133. WXSS (? -pls) heard 0117-0136. On 1000, WCFB phased out to hear unnn KTOR with ABC nx and "Perspective" news pgm (this also unnn, but not hrd in awhile). Finally, a log taken on WSJP-1130, 0409-0420 with csw and the slogan "Jackson Country", although I can't figure what that is referring to! Only two veries to report (v/s) are going to Wayne) this time: v/1 from WXBK-1090, a long holdout, and another from KBSM-1140, to bring the verie count to 1,215. I continue to hear WMBB on 1160 kHz, and still haven't seen anything referencing a change of freq. for them. A tentative report has so far gone unanswered. Does anyone know about this situation? Gotta run ... 73's.

Wendell Ford - 625 E. RRL - Westville, IN 46391 (pm 11-28; rec'd 12-1) Well, I haven't Mused since the August issue of DX News and thought I had better get something out before you boot me out of the club for being unsociable, hi! Last time I Mused I was unemployed from WBTB-1600 Linton, IN. I am now back in the saddle again at FM 95.9 WEFM Michigan City, IN (right medium, wrong band) working 7 days a week (but I don't do windows) hi. The station is a beautiful wx station (no Twisted Sister on this station). We are on 24 hours a day. I do the 11 pm-5:30 am slot; local 1420 WIMS goes off the air at 11 pm CST so somebody out there might be listening. Not much DX has been done as of late July due to the job. My total, 400 AM stations, actually went down since 1140 WIMC went to another state and 1550 WMOO moved to 660 and I haven't picked either up since the move. Till 1985 gets here, 73's, Merry Christmas, and Happy New Year while I'm at it.

Paul Swearingen - 7310 Ensign Avenue - Sun Valley, CA 91352 Local KZLA-1540 is no more (although the FM outlet lives on at 93.9 and KLAC-570 continues with much the same format under joint ownership, as I understand). RSKQ ("Super KQ [Ka-Coo]") went on the air within the last day or two with an MCR Spanish-language format, including many KQ SID's, and "Super KQ, la frecuencia grande/quince-cuarenta/etc. de Los Angeles" ID's. They sound pretty classy, with frequent traffic reports, news, but as yet few paid commercials. Their signal gets down past Ensenada, BCN and up the California coast, so I would expect them to do fairly well with the Spanish-speaking population in this area. As LA has the largest Spanish-speaking population outside of Mexico City, Super KQ should reach a large audience. The visit to Ensenada produced little DX time, as my brother and I spent most of the waking hours sightseeing and ... never mind. WANK-670 CA does make it into Ensenada with a decent signal, night and day, interesting enough, as do KPFE-940 CA at night and KGAK-1330 NM at SSS. There are no FM stations locally, and a few San Diego stations just barely make a showing on my Sony ICF-S5W. /// Some of the anomalies that have cropped up in the printout of the column, such as lines coming out too long, are mysteries to me. Sometimes the printer stops dead in the middle of the page, with the computer "vapor-locked" so that the only way I can get things going again is to interrupt the power to the computer, re-load the word processing program, and start printing the page over again. I have no idea what happens; anyone experiencing the same things with C-64's and solving the problems are invited to write. Keep sending your veries to "Verification Game" and your achievements to IDXA and DDXA. 73.

(Handicapped Aid Program)

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