



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 51 ISSUE 7 NOVEMBER 21, 1983

First off, please check the mailing label for your correct address and spelling, if it differs from, say a few issues ago, let us know here at HQ. We are hoping that all the bugs have been found in the system, hi.

Second, in that famous issue, the one with all the pages going from right to left instead of left to right, hi. In the REPRINT SECTION, please change the date on page one, first paragraph from Oct. 1982 to Oct. 1983. Also on page 27 & 28 please reverse the "CONTENTS" section of the Receiver Reference Manual Volume 1 and Volume 2. Thank you.

Notes from Rob Harrington, *KJJZ-1398, as of 10/30 is still on daytime only w/ 1000watts, not on air at night. CP for 5000/1000 for Westminster still located in Englewood, CO, for transmitter, noted still on days only, and still in Englewood as of 10/30 and still only 1000 watts days. KTMG-1370 is on the air, Deartrail, CO, it has been on since Oct., Format is Country Music."

NRC 50TH ANNIVERSARY BOOK is still available, not many left, but you can still get your copy. Price is still \$11 for US & Canada, \$12.75 for all other parts of the world. And of course send your order to the NRC Publication Center, whose address can be found on the back of this issue.

NRC 50TH ANNIVERSARY T-SHIRTS are also still available, but not for long! Jerry Starr says that you have until NOVEMBER 30TH to get your shirt. Checks received after that date will be returned!! Looking or Collector's items, then this T-Shirt is for you!! Check out page 23 for the order information.

Still on hand is a very large article by Mark Connelly, hopefully we shall have room for it soon. And as always, we can still use your article! Got something you want to share with others, then put it on paper and send it to HQ, we will take care of it from here.

We forgot to mention in issue or two back, but, Ray Cole mentioned that the Radio Shack store in Fenton, MD has 5 TRF's left (model 15-656) for \$20. They may still have them left so if you want them, or one of them, you can contact the store at 314-343-6166. Also Ray mentioned that you may want to check your local Radio Shack store, and have the store person check in the back room as Ray did at his, the person working there didn't think they had any left until Ray had them check.

From Chris Hansen comes word that the R398 newsletter has been changed to "Hollow-State Newsletter" and will include all tube type receivers. All inquiries, subscriptions, and requests for back issues should go to Chris Hansen at: P.O. Box 1226 Madison Square Stn, NY, NY 10159. All editorial materials should go to Skip at P.O. Box 421, Mount Holly, NJ 08060. For more info contact Chris Hansen.

CPC TESTS (TIMES ARE E.L.T.)

DEC 19 WLS-898 Chicago, IL Silent Period, 8100-8600. This per Al Resnick. Monday

Dec 19 KBYE-898 Oklahoma City, OK will be on during the WLS silent period. Monday Reports to: Roger Logan, CE, KYBE Radio, Box 28768, Oklahoma City, OK 73156. Arranged by: Al Resnick

LOOK INSIDE:

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| 2.....AM Switch | 13.....Sports Network | 16.....MUSINGS |
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THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

World of Radio SKED: GMT SAT 0530 on 6185, GMT SUN 0230 on 6045 & 1400 on 9715

AM SWITCH

JERRY STARR
C/O WSRD RADIO
401 N. BLAINE AVENUE
YOUNGSTOWN, OHIO 44505

CALL LETTER APPLICATIONS/GRANTS: NONE

APPLICATIONS FOR NEW STATIONS:

- 640 FL Titusville 10000/1000 U1
- 650 FL Royal Palm Beach 1000 D1
- 1220 TX Madisonville 500 D1

GRANTS TO NEW STATIONS: NONE

APPLICATIONS FROM EXISTING FACILITIES:

- 1500 WDEB TN Jamestown seeks to move to 820 kHz

GRANTS TO EXISTING FACILITIES:

- 620 KMNS IA Sioux City: changes in nighttime antenna system
- 1010 KLAT TX Houston: increase night power to 5000 watts
- 1260 WVCH VA Charlottesville: change XR location, night power to 2500 watts
- 1530 WMBE WI Chilton: move XR location

OTHERNESS:

- 720 TX Austin: application for new station returned
- 720 TX Marble Falls: application for new station returned
- 720 TX Universal City: application for new station returned
- 1160 TX Victoria: application for new station returned

A short one this week. 73 and Good DX,

Jerry & BKF

Jerry Starr &
Buffalo K. Foorman

Many Daytimers Disappointed With Low Post-Sunset Power

The nation's 2357 daytimers have now been notified of their new post-sunset operating powers, and reaction is a "mixed bag," according to Daytime Broadcasters Association (DBA) President Jim Wychor.

"Some, I'm sure, are very happy. Some are very disappointed. I think the most disappointed ones are those who have 500 watts of power pre-sunset and were granted main power for post-sunset," Wychor told NAB.

Wychor is upset that the Commission gave most stations far lower post-sunset power than the levels they now operate at in the early morning hours. Since atmospheric conditions and interference problems are "virtually identical" at both ends of the day, he argues power levels should be the same.

Reading from an FCC computer printout, Wychor gave several examples of daytimers he thinks were cheated: KSMN/Shaakopee, MN (44 watts pre-sunset, 2.3 watts post-sunset); RWMB/Wabasha, WI (500-2.3); KXTP/Superior, WI (500-2.3); WVEW/Br. Louis (500-1.7). By contrast, Wychor's own station, KWQA/Worthington, MN, got 185 watts of post-sunset power, compared to its pre-sunset level of 144 watts.

Wychor is also irked that some stations received ten or more different power levels for various months, requiring transmitter adjustments he believes will be inconvenient and costly.

"Bangup Job" At Two Watts
At the FCC Mass Media Bureau, Policy & Rules Division senior attorney Jonathan David puts a more favorable light on the situation. He says "a very substantial portion" of daytimers got from 50 to 150 watts. Only 98 got nothing at all.

Moreover, David contends that even with just a few watts of power, "a good job can be done" of serving a station's community,

although not outlying areas. And he speaks of one station that does a "bangup job" with only two watts of pre-sunset power. David says he's taken hundreds of calls from daytimers since the notifications went out and those with low power "feel better" after being told their signal will cover at least several miles.

More Morning Emergencies

David says despite "huge amounts of interference," the FCC permits higher pre-sunset power because daytimers, which have been off the air all night, might need to broadcast emergency information such as school closings and weather bulletins. "No such case was made or sustained in this proceeding about there being a similar emergency need at night," David told NAB.

"So far daytimers haven't been given a green light to start using their new post-sunset authority. That won't happen until the U.S. and Canada sign a new AM agreement, which is expected by mid-November.

And once that occurs, stations will only be permitted to stay on the air until 6pm because a new agreement with Mexico hasn't been finalized. David expects that post to be signed sometime in 1984. Only then will daytimers be able to broadcast until two hours past local sunset, which could be as late as 11pm in the summer months.

Meanwhile, DBA has asked the FCC to reconsider its daytime decision. And Wychor hints that, if not satisfied, the group may resume efforts for relief from Congress. An attorney for clear channel interests called the FCC's action "a reasonable compromise" that his clients won't try to block.

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WISN

DOMESTIC DX DIGEST

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CASTLE HILLS
NEW CASTLE, DE 19720

welcome to the new column which is almost as exciting as laundry soap! When sending your items in, please keep them on one side of the paper, type or neatly write, skip a line (leave a space) between tips, etc. The use of the small type this week is a small token of appreciation to JOHN DALRYMPH who writes Real small-time and sure off!

SPECIAL:

- 760 RTL AR SHERWOOD - 10/30 1828 fair in JR null w/s/off announcing that this was their first try on the air, religious format. (BK-IL)
- 1120 TNU OR HARRISONBURG - 10/29 0753 good o/NEWS with weather, ID. (JS-NY) 11/6 1910 noted w/full data s/off, no USB. First day on this freq. (ex-1-30) was 10/29, power is 2500 watts, reports can be sent to Ralph Dostofano, President. (WJ-LT) So, JB caught 'em first, eh? (DS)
- 1270 WGL FL GULFSTREAM - 10/31 0038 noted w/ID, a/Sol music, mention of all-night Halloween Party. Noted again 11/2 0120 w/Juban w/a/Sol format. Fulltime P must now be on. (US-IL)
- 1460 KLRW WJ St. CHARLES - 10/31 noted on 2 hours after local sunset w/low power, jazz music, blasted in here. (TAK-LO)
- 1614 WWT TX DALLAS - 10/25 1950-2040 w/Fax Schran show after 2000, rough signal, likely a defective xtal, gone by 0000. (BL-LA)

FROM GARY L. BOBB:

2nd run - 1250 KJSD Noted 10/10 0203-0208 poor-fair, faded up on ID! (BK-IL)

DX TEST RESULTS:

- 940 WZL TN Strong o/RTX/RIGA. (TAK-LO) Fair/Good o/USA, in clear after USB s/off. (DS-DE) O/U w/Juban. (WJ-LA) Fair/w/ID/Bluegrass music. (JP-LI) Solid! (JL-PA)
- 1520 WCH PA Various Pulse tones, partial ID, to much KBF. (JP-LI)

FRIDAY - (JDNRY):

- 550 KSD ID ST. LOUIS - 8/30 1800 very poor w/RELI//GNG/ADN mess, was my closest unheard! (TAK-LO)
- 650 WVA VA HARRISONBURG - 10/28 1825-1830 sports report in great detail, pop music, jingle/ID played 6 times! In mess w/others. (RH-LA)
- 660 WFL FL TAMPA - 10/30 1840 good w/live report from Dolphins football game at Orange Bowl. (JS-NY) Shouldn't that be Fish Bowl? (DS)
- 670 KRA TX DALLAS - 10/22 1930 "Frankin' Out The Classics" ID thru KTSB splash. (BL)
- 680 WJC TN KNOXVILLE - 10/31 2144 CBS football, ads, ID, never knew they were CBS when did they change? (TAK-LO) Lay it on him, Tom! (DS)
- 690 KWW TX SAN ANTONIO - 10/30 1844 fair w/KACB w/religion, weather, ID. (BK-IL)
- 690 WPR AL WILSON - 10/28 1839 solid, weather, pop music and promo on upcoming football game. (RH-LA)
- 690 WOH AL SHUENGLAI - 10/27 1910 weather, DJ wrapping up show, US music, full data s/off 1915 w/invoke to tune in WKK-59.9.5, good signal. (JD-NY)
- 700 WAT CA OMAHA - 10/27 1630-1704 weak but fading up, standard-type music, news on hour, gave ID as "Orange-Athol". (RH-LA)
- 730 WJF KY VANLEVE - 10/29 1846 preaching, program notes, full data s/off w/mention of Sunday hours on air 12 noon til 1700:11 (TF-LT)
- 750 KKH ND GRAND ISLAND - 10/24 1945 CW music, weather for Kearny/Hastings/Grand Island, PSA, good signal. (BL-TX)
- 760 WSH OH PORTSMOUTH - 10/27 1705-1707 "At 75" w/local news, weather and business report "Business Boat". (RH-LA) Most are anymore! (DS)
- 760 WCP NC TARBORO - 10/26 1822 very strong o/JR w/ads, jingle/ID, and Top 40 music. (JL-NY)
- 770 KJL IA LAFAYETTE - 10/30 1927 fair w/B/Sol music, ads, some WBB splash. (BK-IL)
- 780 KAZ AL BIRMINGHAM - 10/25 2053 atop nulled KRO. w/ID. (DK-LA) Now I ask, doesn't Don's catches from the west coast ad some excitement to this column? (DS)
- 790 WKB NC DUNN - 10/29 1844 s/off good, had to break in re football game to s/off, said game would continue on their P. (JS-NY)
- 790 WPI PA SHARON - 10/30 1736 good signal on this rare bird w/pop music, ID, weather. (JS-NY) Rare bird? About 2-3 hours in an oven will cure that!
- 800 WJAD PA MONTREAL - 10/27 1743 in clear w/news, local elections. (RH-LA)
- 800 WYS VA CLYDE - 10/31 1704 fair w/JJB: w/ID during news. (JS-NY)
- 800 WJRA PA CHARLESTON - 10/26 1826 good w/local ads, ID. (JS-NY)
- 830 WYK NY NEW YORK - 10/18 1930 weak w/CCO w/and of "As It Happens" and ID. (JP-LI)
- 870 WFO VA FARMVILLE - 10/29 1756 cont w/rock music, jingle/ID. (JS-NY)
- 890 WHE NC HENDERSON - 10/29 1753 very strong o/LS w/rock music, item from request line, ID. (JS-NY)
- 900 WDT MS GREENVILLE - 10/27 1930 fair w/s/off, mention 0500 s/on and to "Keep it Country or else". (JP-LI) Or else what? A spray w/their call letters?



WDRS
RADIO 1360 AM • 103.9 FM
365 BLUE HILLS AVENUE
BLOOMFIELD, CT 06002

900 WA SLOWDOWN - 10/25 1834 very strong w/ great American Country sloper, ID, local ads. (JL-NY)

910 LI FLOR - 10/31 1751 great signal w/promo for extended 30 news, 1st as "91 News". (JL-NY)

920 WA ATLANTA - 10/18 2345 weak w/ local mull w/sports. (JL-NY)

930 WA JACKSONVILLE - 10/30 1545 weak w/rock music, weather, "93 GAZ" 1-12:00 PM

930 KY WASHINGTON CITY - 10/10 2020 w/LLS mull w/football, ads. (BR-TX)

940 WA SALT LAKE - 10/29 1750-1753 on top w/ads, religious music, ID as "94 KGM". (BR-TX) Yawn... just another sloper-hi! (25)

940 GA JACKSON - 10/20 1908 fair w/... Bulldog Hotline program w/EA each Vito Jody, Go Jungs. (JL-NY) They're in the SPA shelter. (25)

940 MS HOUSTON - 10/25 1900-1915 local and church news, more important than the Grenada invasion! How cosmopolitan! (TX-PA) You've heard about one invasion then you've heard about them all! (25)

940 VA GARDNEY - 10/25 and 10/28, LYL type music, detailed s/off but lost most of it because of "10/27/28.1.100". (TX-CT) -ait...my violin, please?

970 NY SALT LAKE - 10/27 1732 and jukebox w/news notes, ID. (BR-TX)

980 OH DAYTON - 10/27 1834 xint w/... splash w/... music, ads, 98 dollar trivia quiz promo, PWA, weather. (JL-PA) They forgot the kitchen sink!

990 TN MEMPHIS - 10/21 1937 good w/religious program, ID. (JL-NY)

1000 NY BUFFALO - 10/27 1800 in solid w/news, ID. (BR-TX)

1000 NY BUFFALO - 10/26 1649 w/pop music, ID as "E-B" w/others. (PH-TX)

1000 AL BIRMINGHAM - 10/30 1817 good w/simple data s/off w/rickat chiroing in background. (JL-PA)

1000 TX LITTLE ROCK - 10/30 1820 good w/local news, sports and full data s/off w/... (JL-PA).....10/21 1925 weak w/"Day by Day w/Jesus" program then into s/off, o/a... (JL-NY)

1010 TX WACO - 10/21 1740-1800 gospel music, ID as "The Alternative" then AP news. (BR-TX) Alternative to what? Fishing? (25)

1040 PA PHILADELPHIA - 10/27 1826-1830 anc'r requesting calls on how far signal was going, gave phone #, s/off noting return 0730 next day, 0700 in November, and "your headed for -NO in Bus Malmus". (BR-TX)

1090 MI ANN ARBOR - 10/30 1805-1812 xint w/local and ABC news, weather, pop music and full data s/off, mention of Fr. 107.1. (JL-PA).....10/27 1900 s/off good w/... w/invites to tune to "PAB-PA". (JL-NY)

KRAV OK TULSA - 10/30-1842-1845 long s/off which runs 3 minutes w/Beatles "Good-Night". (KJ-OK)

OPFN OK STE. BAILEY LARLE - 10/30 1925 good w/rock music, female DJ. (KJ-OK)

1060 OH CINCINNATI - 10/29 1846 s/off good w/annual announcements, 1st time noted w/news calls. (JL-NY)

1070 KS JERICHO - 10/27 1935 good mixing w/.../ROK w/ads, ID, ... music, still not one for a report. (JL-PA)

OH OH COLUMBUS - 10/26 2203 o/... w/news report, ID. (BR-TX)

OH OH PLATTSBURGH - 10/26 1636-1637 world financial news, local ads, weak w/slow fading. (JL-NY)

1080 FL MIAMI - 10/30 1755 very good w/full data s/off, hasn't changed since 1/83, sounds of waves and seagulls. (JL-PA) That's for the... (25)

OH OH LOUISVILLE - 10/27 1853 good w/ID as "Double E" and then played the song "Take this Job and Shove It". (JL-NY) Same to you, fellow! (25)

1100 PA PHILADELPHIA - 10/29 1746 finally caught an ID on this one as they topped ... and referred to themselves as "Your Star Station". (JL-NY)

1110 OH OH PATASKALAH - 10/31 1757 good w/stock report then promo for Paul Harvey. (JL-PA)

OH OH KOBRESIDEN - 10/29 1818-1830 LYL, s/off was merely a "Goodnight" and ID by announcer, 3rd try for a while. (TX-CT)

1120 GA GORDON - 10/27 1901 fair w/... w/ABC news, weather and simple data s/off w/mention of Fr. 107 "The Bride of Dixie". (JL-PA)

1130 OH OH WILMINGTON - 10/31 1803 on top w/end of news, weather, traffic report. (JL-PA)

1140 PA PHILADELPHIA - 10/27 1720 fast spoken French, rock music. (BR-TX)

1150 LA BAYON ROUGE - 10/14 2217-2259 world Serious, promo and ID by Larry King, also noted 10/4 2150 w/rock music. (BR-TX)

KSAL ES SALT LAKE - 10/24 2058-2102 local news, including item on dog biting local citizen, death of anc'r, "Radio 11.50" ID into ABC news. (BR-TX)

UNID 10/28 1815 s/off w/mention of 2500 watts, fading badly, is ... now up to 2500 watts? (BR-TX)

1170 NJ SCHENKILL - 10/29 1816 fair w/s/off in ... splash w/Bridgewater NJ given as studio location. (JL-NY)

1180 TN COMPTON - 10/20 1905 fair in ... null w/... weather, ID, Big Band music. (JL-PA)

1180 NY KOPPI - 10/21 2230 local basketball schedule, ski report, ID as "Sportsland 11.50, w/off Radio". Fading but definite. (BR-TX)

1190 NC WASHINGTON - 10/21 1900 noted w/s/off, weak and fading w/... C. (JL-NY)

1190 MO BRANSON - 10/22 1930 fair in ... null w/s/off. (BR-TX)

1200 WA FARGO - 10/14 1915 good w/end of news, weather, full ID. (JL-NY)

1210 GA WASHINGTON - 10/22 1935 fair w/... weather, ID, ... music, has been an evening pest ever since going fulltime. (BR-TX).....10/17 2220 ... music w/Larry Leach show, who told this guy to stay on late? (JL-NY) Uncle Sam! (25)

1220 VA WASHINGTON - 10/27 1816 local dedications, rock music, ID, fading to ... By the way, where the hell is Mexico? (BR-TX) Last time I checked, it was south of Texas! (25) Not really, on Route 220, near Hilltown, about 20-25 miles from Harrisburg.

1220 ALIP WA WASHINGTON - 10/25 2130 weak at w/off at end of disco music promo, ID, off a few minutes earlier. (BR-TX)

1230 PA WASHINGTON - 10/29 1816 atop w/Your Favorite music ID, ... staff. (TX-CT)

1240 PA ALTOONA - 10/30 1727 on top w/female anc'r, rock music. (JL-NY)

1250 PA WASHINGTON - 10/30 1724 good signal w/... weather and rock music, used sloper "91: 12 w/ could this be ...? (JL-NY) Yeah...

1250 PA WASHINGTON - 10/30 1704 good w/... w/... for ... pool ... (JL-NY)

1260 PA WASHINGTON - 10/27 1747 good w/... weather, ID, rock music. (JL-NY)

1260 AL WASHINGTON - 10/27 1834 "The Soul of Chattanooga" ID, fair but fading. (BR-TX)

1270 VA WASHINGTON - 10/27 1915 strong w/s/off, alone on channel, religious programming. (BR-TX)

1270 VA WASHINGTON - 10/28 2123 talk show/ID surfaced briefly in jumble. (PH-TX)

1270 VA WASHINGTON - 10/28 1821 L. sounded like ... m. ... cold weather, can't find anything for this in log. (BR-TX) -ISN, cover, N maybe? (25)

1280 PA WASHINGTON - 10/27 1758 o/... w/pop music, ID. (BR-TX)

1280 PA WASHINGTON - 10/27 2148-2121 teen, check, pop music, "NEWS" ID. (BR-TX)

1280 PA WASHINGTON - 10/27 1834 local ads, ID, just above ... (BR-TX)

1290 PA WASHINGTON - 10/29 2045 talk show, ID, ad. (BR-TX)

1300 PA WASHINGTON - 10/27 1834-1845 fair w/... fading w/full data s/off. (JL-PA)

1310 VA WASHINGTON - 10/27 1750 good w/promo for upcoming ... (JL-NY)

1310 VA WASHINGTON - 10/29 1842 xint w/full data s/off. (JL-PA)

1310 VA WASHINGTON - 10/27 1831 good w/... weather, ... music, ID as "The Big K Country" then faded, leaning south. (JL-PA)

1320 VA WASHINGTON - 10/28 2125-2128 w/... Super Station ID's, pop music, bell clear. (BR-TX)

1330 VA WASHINGTON - 10/27 1807 news, weather, ID, promo for Paul Harvey w/others. (BR-TX)

1330 VA WASHINGTON - 10/30 1646 w/... music, way o/... (TX-CT)

1330 VA WASHINGTON - 10/27 1842 notes ID in midst of jumble. (BR-TX)

1330 OH OH CLEVELAND - 10/26 1937 good w/female anc'r, ID'd as "1320 Country". (JL-NY)

1330 OH OH CLEVELAND - 10/29 1906 unusually strong w/rock olé, first time heard in a long while. (JL-NY) Yeah, Jerry was using a loosewire on a hallen! (25)

1350 WA SAN RICHARD - 10/25 2105-2117 tooping KSDJ just before return change, ... music w/ID. (BR-TX)

1350 AL GADSDEN - 10/29 1907-1909 very good w/ads mentioning Gadsden, no ... noted in break of post game show of football scores. (JL-PA)

1350 IA DES MOINES - 10/27 1924 xint w/local ads and sports talk. (JL-PA)

1350 TN CARTHAGE - 10/29 1914 good w/full data s/off w/others given. (JL-PA)

1350 VA WASHINGTON - 10/29 1853-1900 xint w/ads, PSA, ... music til simple data s/off w/mention of Fr. 106.3. (BR-TX)

1350 OH OH WILMINGTON - 10/30 1725 rock music, ID as "3: 13", ... news. (TX-CT)

1370 NY SUNBURG - 10/28 1833 ... music, ID, ... by ... (TX-CT)

1370 IA IACKSONVILLE - 10/29 1904-1909 xint w/ads w/... weather, ads, ID/jingle. (JL-PA)

1370 VA WASHINGTON - 10/27 1921 good fading in w/"The Great Outdoors" program. (JL-PA)

1370 VA WASHINGTON - 10/29 1926-1930 on late w/... Football, into full data s/off. (JL-PA) Uh yeah? (25)

1370 TX DALLAS - 10/27 1904 xint w/ID on 10 K Running Race, Unity word program, ... music w/no sign of ... (JL-PA)

1380 VA WASHINGTON - 10/29 1840 weather, rock music, mention of the Port City and being "all ...", good signal. (TX-CT) All new? 3rd time for that!

1390 OH OH WASHINGTON - 10/28 1830 atop w/ID and REL music, lost to ... and more ... (TX-CT) Tony stopped at this point, the ... put him to sleep! (25)

1410 PA PHILADELPHIA - 10/26 1725 thru ... POP fade w/ID, local ads. (BR-TX)

1420 OH OH HOX SPRINGS - 10/27 1925 ID w/ID on tempered Halloween candy. (BR-TX)

1420 KY OWENSBORO - 10/31 2020 pop music, plenty of IDs by female anc'r. (TAK-TX)

1430 OH OH PATERBOROUGH - 10/28 2027-2031 atop w/hockey game w/local team. (BR-TX)

1430 OH OH CINCINNATI - 10/26 1910 ID w/Top 40 music, this must really be a post in ... (BR-TX) No, it is here, haven't seen a report on this from the south since it came on last December! (25)

1440 VA WASHINGTON - 10/29 1830 very good w/full data s/off w/mention of Fr. 96. (JL-PA)

1440 VA WASHINGTON - 10/25 1900-1903 in good w/ID into ABC news, promo for "Halloween Machine" contest. (BR-TX)

1460 OH OH COLUMBUS - 10/27 1835 fair w/oldies, single/ID. (JL-NY)

1470 VA WASHINGTON - 10/27 1838 detailed weather, two IDs noted w/end of news. (JL-PA)

1470 VA WASHINGTON - 10/25 1900-1903 in good w/ID into ABC news, promo for "Halloween Machine" contest. (BR-TX)

1480 OH OH WASHINGTON - 10/29 2215 great signal w/... music, "News" ID's. (TX-CT)

1480 VA WASHINGTON - 10/25 2102 atop ... w/news, weather, ads, ID. (BR-TX)

1480 VA WASHINGTON - 10/27 1845 w/... music to full data s/off, no ... atop ... (JL-PA)

1490 VA WASHINGTON - 10/30 1822 w/prayer, recorded weather, ID, female anc'r and religious music, very strong signal. (BR-TX)

1490 VA WASHINGTON - 8/30 1745 good w/ID while vacationing in New England, or I mean during great opening to New England! (TAK-TX)

1500 NJ PONTOI LAKES - 10/30 1600 ID as "The Nightly 1500", PSA, w/... (JL-NY)

1510 VA WASHINGTON - 10/31 1814 weak w/s/off w/news ... (JL-NY)

1520 OH OH WASHINGTON - 10/16 1945 fair w/end of CBS Coverage on World Series, weather and ID, ... mull. (JL-NY)

1520 VA WASHINGTON - 10/31 1700 w/end of PSA giving calls, female anc'r, atop ... on car radio. (JL-NY)

1540 WMI PA PHILADELPHIA - 10/30 1735 noted running overboard w/... (ES-DE)

1550 WJLY PA BRANFORD - 10/31 1745 weak in CBS null w/s/off, gave address twice (JP-LI)

1560 WYXX VA VIRGINIA BEACH - 10/30 1745-1815 rock music, s/off w/comments on staying on later. (TF-CT) 10/30 1830 s/off given w/rock oldies, way atop the channel. With time change, s/off should have been 1730: (DS-LK)

1570 WJXX VA JEFFERSON - 10/28 1928 good w/African music, slogan "The Boss, your favorite music." (KW-GA) As "The Boss in Back". (DS)

1580 WJXX VA GOLDEN VALLEY - 10/27 1929 possible EZL music and good full data s/off "for the people of the twin cities". (JP-PA)

1590 WJXX VA DANVILLE - 10/29 1829 good w/10:10 w/full data s/off. (JP-PA)

1600 WJXX VA LELAND - 10/16 1930 w/s/off w/mention of "BAD PI 94.3, weak. (JP-LI)

1610 WJXX VA VAN HORN - 10/16 1932-1945 fair w/promos for religious programs, contemporary Christian music til s/off. (JP-LI)

1620 WJXX VA KANSAS - 10/30 1730 weak w/s/off w/jingles/ID, alone on freq. (JP-LI)

1630 WJXX VA DANVILLE - 10/26 1845 w/... w/s/off fading atop. (JP-LI)

1640 WJXX VA SHELBYVILLE - 10/25 1915 fair w/s/off, ann'r named Richard. (JP-LI)

1650 WJXX VA KANSAS - 10/20 1845 s/off w/SSB, has been a regular here. (JP-LI)

1660 WJXX VA SOUTH BEND - 10/27 1931 s/off w/good signal, seems like this is a half hour late according to the sunset maps. (JP-LI)

1670 WJXX VA GORHAM - 10/25 1943 fading in/out w/oldies, ID, PSA for WCA. (BJR-PA)

1680 WJXX VA HENNINGSONVILLE - 10/17 1900 good w/s/off w/"Happy Trails" song. (JP-LI)

1690 WJXX VA CEDAR RAPIDS - 10/23 1912 w/local ad, ID. (JP-LI)

MIDNITE - MIDDAY:

560 WJXX MI MONROE - 10/31 0045 long ET ID and info given, noted oldies music, in like a rock w/... (JP-LI) There ya go, Fred! (DS)

600 WJXX IA CEDAR RAPIDS - 10/24 0149 w/ID for "CBS in Eastern Iowa", fair signal. (JP-LI) 10/29 0100 rock music, weak, ID given then CBS news. (DJR-PA)

620 WJXX WI MILWAUKEE - 10/29 0106 noted ID in jumble. (EH-PA)

630 WJXX PA GREENSBURG - 10/28 0800 ID, mutual News. (RH-MA) 10/30 0652-0653 good w/ID and promo for Sportsline program. (JE-NY)

640 WJXX TX "TWINN FALLS - 10/30 0046 weak w/PSA, weather, Top 40 music w/... Noted again 10/31 0108 w/s/off w/SSB after local news. (JP-LI)

650 WJXX KY LEXINGTON - 10/30 0624 xint w/weather, ID then rock oldies, rare here. (JR)

660 WJXX WV CHARLESTON - 10/28 0757 solid w/weather, ID, Co music. (RH-PA)

710 WJXX GA EASTMAN - 10/18 0637 local da, ID as "The Bigg wuff", Co music, surprised no, no sign of "OK. (JP-LI) Floor chased it away! (DS) Yeah,, yeah... sounds like a doggy catch to me....(DS)

750 WJXX MT FULSON - 10/26 0106 in tight KXL/MSB null w/Co music, ID, AP news w/more Co music after that. (DKK-CA)

800 WJXX WV HUNTINGTON - 10/30 0713 good w/... w/promo for weekday morning show, ID as 800 AM and 100 PM. (JE-NY) changed back in July, Jerry. (DS)

820 WJXX OH COLUMBUS - 10/29 0805-0807 clear w/ID, news, standards type music. (RH-PA)

870 WJXX MI E. LANSING - 10/28 0745 good w/... Edition program. (JE-NY)

900 WJXX WI WISCONSIN DELLS - 10/9 1912 fair thru severe MS splash w/weather and full ID. (RH-IL) Yeah, wrong place....nobody's perfect especially me!

920 WJXX PA LEWISTON - 10/29 0741 xint w/local ad, ID. (JE-NY)

930 WJXX ID PRINCEGEORGE - 10/29 0740 very good w/... w/promo for football game. (JE-NY)

940 WJXX VA LYNDENBURG - 10/30 0719 barreling in o/... w/promo for Kingston Trio concert, are these guys still together? (JE-NY) Money does wonders! (DS)

950 WJXX MI MIAMI - 10/31 0126 good o/a... w/all news format. (RD-MA)

960 WJXX AR FORT SMITH - 10/31 0215 "Music for the Entire Family" and AN-95 slogan noted in ID. (YVJ-GA) My family likes polka music! (DS)

960 WJXX AZ PHOENIX - 10/25 0400-0500 w/... off, noted w/ID. (DKK-CA) Ugh... (DS)

970 WJXX CA MADERA - 10/25 0345-0600 in/out w/ID, Larry King Show. (DKK-CA) Bitto... (DS)

980 WJXX OR PORTLAND - 10/25 0345 briefly atop w/ID, contemporary music. (DKK-CA)

980 WJXX OH DAYTON - 10/26 0028 Co music, weather for Miami Valley, good briefly atop w/... (JE-NY)

1000 WJXX ID BOISE - 10/22 0210-0252 atop... w/ID, ads, Co music. (DKK-CA)

1000 WJXX SD BLACK HILLS - 10/22 0250 w/... music til ID and probable s/off w/mention of 5000/1000 power. (DKK-CA)

1000 WJXX PA CARLISLE - 10/28 0809 end of ABC news, rock music, o/... (RH-MA)

1020 WJXX VA SELAH - 10/25 0625 in tight KTW null w/good ID, Co music. (DKK-CA)

1050 WJXX MI BENTON HARBOR - 10/31 0245 noted w/end of w/s/off. (TAK-MO)

1070 WJXX IN INDIANAPOLIS - 10/27 0821 clear w/ID and ad. (RH-MA) (TAK-MO)

1080 WJXX AL LLOYDMINSTER - 10/25 0047 great w/no KIDL w/rock music, IDs, temp. check.

1130 WJXX LA SHREVEPORT - 10/24/10/25 w/... KEDU was off 10/25 leaving... mostly atop, 0630-0515. (DKK-CA) Sorry, my computer didn't transfer that into the simple English language-hi! (DS)

1160 WJXX IA BOISE - 10/25 0449 Co music, female ann'r w/ID, fair w/KPAX briefly off the air. (DKK-CA)

1160 WJXX NY WARREN - 10/28 0818-0821 weak but clear w/local ad, rock music. (RH-MA)

1210 WJXX MI BAY CITY - 10/27 0847 very strong w/local ad, mention of Bay City, no sign of... (JE-NY)

1220 WJXX VA DANVILLE - 10/27 0700 xint o/... w/sa net, news, 7 o'clock news... (DS)

1230 WJXX VA DANVILLE - 10/28 0755-0800 good w/... w/local ads, news, weather. (DS)

1230 WJXX VA DANVILLE - 10/29 0830 female ann'r w/local news, weather given by... (JP-LI)

1240 WJXX VA DANVILLE - 10/24 0954 atop hash w/ID after weather. (JE-NY)

1240 WJXX VA DANVILLE - 10/26 0404 briefly atop w/ID, station news. (JE-NY)

1240 WJXX VA DANVILLE - 10/31 0240 xint w/rolligues music, looping ID but faded so no chance for ID on this... (JE-NY)

1240 WJXX VA DANVILLE - 10/31 0128 w/promo for trivia, hi-lo cash call game, local music, ID, as usual, on top of channel all at once. (DS-LK)

1270 WJXX VA DANVILLE - 10/30 0056-0110... local news, jingles/ID. (DS-LK)

1270 WJXX VA DANVILLE - 10/30 0705 faded in w/ID into... actually of... (JE-NY)

1280 WJXX VA DANVILLE - 10/27 0814 good just of... local ad. (JE-NY)

1280 WJXX VA DANVILLE - 10/27 0813-0824 xint w/... splash w/local ads, sports, news on entertainers then faded. (JE-NY) - as George Groves in that report?

1280 WJXX VA DANVILLE - 10/31 0339 fair fading in w/ID and possible full data s/on w/... (JE-NY)

1300 WJXX VA DANVILLE - 10/27, 10/28 0813-0845 xint w/... fading w/news, sports, copy weather, local ads, big band type music but I may be wrong. (JE-NY)

1300 WJXX VA DANVILLE - as last/rock on the last check I made here a few weeks back, John. (DS)

1300 WJXX VA DANVILLE - 10/28 0725-0731 w/rock oldies, ID, fading in/out, who is in this guy? (RH-CA) The old... now w/5000 watts. (DS)

1310 WJXX VA DANVILLE - 11/4 0001 nicely atop w/full data s/off, no SSB, to return 0500. Nice to hear something other than... w/PSA. (DS-MA)

1320 WJXX VA DANVILLE - 10/24 0318 nicely atop w/ID off w/rock music. (DKK-CA)

1330 WJXX VA DANVILLE - 10/24 0520-0520 fine signal w/IDIA off, also noted UNED 88 station. (DKK-CA)

1330 WJXX VA DANVILLE - 10/31 Spanish talk and music, ID sounded like "Radio Trieste", could this be Houston? (KWJ-GA) Likely they, Karl.... (DS)

1330 WJXX VA DANVILLE - THOY - 10/29 0723 good w/ID, local music, rare here. (JE-NY)

1340 WJXX VA DANVILLE - KNOXVILLE - 10/31 0206 fair w/weather, ID into Tallont. (JE-NY)

1340 WJXX VA DANVILLE - ASHLINGTON - 10/25 0019 good w/promo for gospel concert, ID. (JE-NY)

1350 WJXX VA DANVILLE - DAYTONA BEACH - 11/2 0110 local like on several... w/ads, talk on "YL Rock Holder" specials, and... music. (DS-DS)

1360 WJXX VA DANVILLE - GARDNER - 10/27 0739-0750 xint w/... splash w/local ads, football info, Co music. (JE-NY)

1360 WJXX TX FORT WORTH - 10/31 0251-0314 nice w/Co music and "Constant Country" slogan. (KWJ-GA)

1380 WJXX TX FORT WORTH - 10/31 0251 mixing w/... w/Top 40 music, weak. (KWJ-GA)

1420 WJXX VA DANVILLE - RUTLAND - 10/29 0731 fighting w/... strong w/news. (JE-NY)

1420 WJXX VA DANVILLE - DAVENPORT - 10/26 0050 noted w/weather, ID. (RH-TX)

1420 WJXX VA DANVILLE - ANAHEIM - 10/26 0627 briefly of jumble w/ID. (RH-TX)

1420 WJXX VA DANVILLE - BIRMGHAM - 10/26 0900 weakly heard w/local news. (RH-TX)

1430 WJXX VA DANVILLE - COATESVILLE - 10/28 0835 very good w/... splash w/PSA, ad then faded. (JE-NY)

1430 WJXX VA DANVILLE - ARLINGTON - 10/28 0843-0902 xint w/... splash w/local ads, local news, different type ID "The... music war is going on and we ain't to win!" (JE-NY)

1430 WJXX FL PANAMA CITY - 11/2 0105 atop briefly w/... IDs, Co music, faded to Cuban after a few minutes. (DS-DS)....10/31 0314 Co music, 3-4 IDs, "Panama City Country", local... was off. (TAK-LO)

1430 WJXX VA DANVILLE - FORT GANTON - 10/28 0828 good w/local ad, PSA, weather. (JE-NY)

1430 WJXX VA DANVILLE - LITTLETON - 10/27 0839 fair w/ID, AP news, Co music then faded. (JE-NY)

1430 WJXX VA DANVILLE - TULLY - 10/31 0250 local vocals, ID for female ann'r, ads, w/ID off. (YAK-MO)

1490 WJXX VA DANVILLE - CLEVELAND - 10/27 0015-0019 in/out w/... music, local weather. (KWJ-GA)

1490 WJXX VA DANVILLE - 10/23 0146 good briefly w/... music, AL/PA ID, local w/PA was off. (RH-IL) Yeah, but how did you hear it thru...? (DS)

1520 WJXX VA DANVILLE - LINDSEY - 10/31 0018-0039 ID for... talk, time check and rock music, equal w/... at times, requested reports, s/off noted 0139 w/ID. (DS-DS)

1550 WJXX VA DANVILLE - CASE - 10/10 0136 good on w/ID, TT/OC. (RH-IL)

1550 WJXX VA DANVILLE - VIRGINIA BEACH - 10/19 0007 good on w/ID, OC, log ses station is "silent", are they back on? (RH-IL) You still asleep? Has been on since the summer of 1982 It was in DE News, Mr. Kravmer-hi! (DS)

1570 WJXX VA DANVILLE - SHREVEPORT - 10/24 0145 weak, faded up w/PSA and tele-talk show. (JP-LI)

1570 WJXX VA DANVILLE - 10/21 0620-0621 time check into Co music, no... no ID either. (RH-TX)

1580 WJXX VA DANVILLE - DALLAS - 10/17 0012 alone but fair w/sports, ID. (RH-IL)

1600 WJXX VA DANVILLE - PATMOUTH - 10/24 0108 good on... w/... music and ID. (RH-IL)

1600 WJXX VA DANVILLE - 10/24 0100 ID into Frank Sinatra song w/... (JP-LI)

1600 WJXX VA DANVILLE - FORT WORTH - 10/14 0514 poking thru w/ID then... back atop w/Spanish. (DKK-CA)

THANKS....

For the support this week, some fine DX reported, and to RON SCHMIDT for ID'ing my UNED on 740 last issue as his local... Does a nice job here, in fact, it may be 70 good-hit

John/Day Novello, Andicott, NY/LHF 1, EA 9
TAK-LO/Buford Parkusko, St. Louis, MO/EA-180A, SH 2
LD-IA/Arac Dolonzo, Sudbury, MA/EA-100, SH 1
JP-IL/Dia Paige, East Detroit, MI/DX 160, Channel Master Portable, L
PK-IL/Robert Kramer, Chicago, IL/K1000, HJ140K, H-129K, various loops and c...



WMLB RADIO
630 Oakwood Ave.
W. Hartford, CT 06110

Seems like the FCC is really putting the wool over the eyes of broadcasters with notices being sent out on the post sunset operation authorization... only gets 9 watts as far as I know, no one has been given the OK to start operations with PESA, just how much power they'll be permitted to run, so anyone that may be on after local sunset may be on illegally presently!

And that, my friends, is it for another wonderful week...

WLIX 540AM
Contemporary Christian Radio
138 West Main Street
Bay Shore, New York 11706

RADIO STATION
1kw daytime directional. Real estate included. Paippony NJ. While to PO Box 92, Town Center Branch, West Orange, NJ 07062.

WASHINGTON POST
NBC
Sells
WRC-AM
Sale to Builder Ends
60-Year Ownership

After 60 years of ownership, the National Broadcasting Company announced yesterday an agreement in principle to sell its Washington AM news-talk radio station, WRC, to Joseph Della Ratta, a local builder.
Neither NBC nor the new owner would disclose the sale price, but industry sources said NBC had asked for \$4.4 million and received \$3.5 million when The Washington Post Co. sold all news WTOP-AM a few years ago, the station went for \$6.675 million. NBC recently bought WJLB-FM, a Boston "beautiful music" station, for a reported \$8 million.
WRC is the 25th most listened-to talk show station in the country but one that has struggled in the local ratings. The Washington market has the highest share of FM listeners—15 percent—in the country, according to an industry report. The other NBC-owned-and-operated radio stations in Washington, WKYS-FM, is the most listened-to station on the local market.
Della Ratta, whose business is headquartered in Silver Spring, said yesterday he hadn't made a decision on the news-talk format, which is

the most expensive programming in radio. "I will have an open mind on that," he said. "When the appropriate times comes I will sit down and talk to the personnel on their thoughts. The primary goal is to improve the position of the station."
WRC's ratings in the Arbitron surveys for the last 12 months have fluctuated from a high of a 4.5 share of the local market last spring, which dipped to 4.0 in the summer ratings, to a low of 4.0 in the summer of 1982. The station has several well-known program hosts, including Joel Spivak, Tom Braden, Pat Buchanan and Mike Cullbert, who has the highest audience share at the station of 4.0. Another popular host, Dr. Gabe Mirkin, is Della Ratta's personal physician. Della Ratta sold yesterday.
This became an opportunity about a month ago. It has a very good signal, is located very well on the dial and is a sound investment in the area," said Della Ratta. He also said he had been interested in a local radio investment for some time.
The reasons NBC decided to sell WRC, which it has owned since the station started in 1923, and give up part of its visibility in the capital market, were unclear. Observers ventured a number of explanations: the expensive format, coupled with typical low sales revenues, and WRC's costly plant overhead, which have been a drain on NBC; the trend to buy properties in growth markets; and the desire to be in lucrative markets as long as the Federal Communications Commission rule that networks can own only seven television, seven AM stations or seven FM stations remains in effect.
The news-talk format is costly because of the salaries of on-air personnel and adjunct services, such as

research. "The news-talk format does not show the growth, such as the contemporary rock format. It is stable," said George Nadel Rivin, a Los Angeles-based accountant who specializes in broadcast revenues. "Of all the money earned by radio stations, based on information from our July 1983 reports, news-talk only accounted for 0.5 percent of national sales and 0.1 percent of local sales."
Another factor is NBC's agreement with the National Association of Broadcast Employees and Technicians, which gives members at NBC stations network union wage scales. The network-wide contract expired in March and is currently being renegotiated. "A broadcaster outside WRC said the new owners will probably try to negotiate a more favorable union agreement or have no union at all, to cut costs."
WRC's 40-member staff was told of the sale yesterday by Michael Eakridge, executive vice president, NBC Television Stations/Divisions. "The reaction of the staff is what you might imagine. A lot of rumors have been going around and many people are happy to hear solid facts," said Edward Berger, manager of advertising and promotion for WRC and WKYS. Eakridge told the employees, "Decisions of this nature are never easy. While we have regrets about terminating such a long relationship, we believe our interests can be served better in other radio endeavors."
The WRC sale will be completed after approval by the NBC board of directors, approval by the Federal Communications Commission and preparation of the final agreement, the network said. The other NBC properties in Washington, WRC Television and WKYS, were not affected.

WBZT the best
AM Radio 1130
Tri-State Broadcasting
P.O. Box 309, Waynesboro, PA 17258

INTERNATIONAL
DX DIGEST

CHUCK HUTTON
1035 LATHAM ROAD
DECATUR, GA 30033
(404) 633-1198
BEFORE 2300 ELT

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

Hi guys... To the couple of people that I owe the LA anthem tape to, I've just bought a tape deck to replace the failed one that handles said task, so that stuff gets out of here in a week or two. Not much new in the world of DX. It seems that the new str that's handful of people have been hearing on 570 is an outlet of R. Accion, Santiago (thanks Jay Novello for the ID) so now you Argentine hunters have something in the way. And to really scrape the barrel of significant events, I have identified the weak station with the P'ing carrier around 1102 KHz as nda Hustcal, CUBA. Having nothing further to say (of a printable variety) we now proceed straight to the regular stuff.

- 530 COSTA RICA TICAL Cartago R. Rumbos w/MoR SS vocals, eds, TC, Rumbos ID's and GRM de HB beacon 0410 10/18. (Frodge) 0435 10/17 LA ballads, SS talk, fair. (Hakiel)
531 ALGERIA Ain Beide 0438 10/17 AA chants, talk, fair. (Hakiel)
549 ALGERIA Oren 0413 10/17 AA drums, music, fair. (Hakiel)
550 CUBA OMAN Oinar del Rio with Radio Rebelde Cadena Nacional ballads w/little talk, ID every 5 songs 0333 10/19. Good. (Frodge) Oops, insert ID after Nacional-JH
612t USSR Murmansk 10/13 1326+ classical mx, 1327 Kayak IS, poor signal //918, 657 not noted. (Vernon)
640 VENEZUELA YVQO Ondas Portenas, Puerto la Cruz w/ID's and space gun sounds-bank ad and MoR SE pop vocals 0153 10/19, poor. (Frodge)
655 EL SALVADOR YSS San Salvador w/men w/political discussion, WS ID, promo w/xylophone then more commentary on Guatemala 0347 10/18, good. (Frodge) 0200 10/17 SS talk, R. National ID, fair. (Hakiel)
657 NEW ZEALAND ZYC Wellington 10/16 1108 woman ending BBC mx, noted later 1139 w/classical mx. (Vernon)
660 CUBA R. Progreso 0205 10/17 LA mx, ID with WRCB null'd w/phasing unit, good. (Hakiel)
666 PORTUGAL 0135 10/17 long talk by man in FF, fair. (Hakiel)
675 FRANCE Marseilles 0313 10/13 woman w/FF talk, poor. (Hakiel)
690 ANGUILLA The Valley w/religious program from Mount, Tennessee, woman with ID and Anguilla promo at 0127, religious program continues at 0130 10/3. Poor. (Frodge)
690 CUBA Santa Clara CMEC man with Instituto de Radio y television address-ID, tones and pips at 0200, "Novella Cubana" w/Cubana folk mx and drama at 0200 //670, 740 0157 10/19, very good. (Frodge)
700 HONDURAS Tegucigalpa HxkL 0100-0101 10/25 surfaced briefly at ID time with Radio Reloj ID, poor. (Hakiel)
700 JAMAICA Radio One, Montego Bay good in WLM: null w/soul mx, TG, man in EE 0534-0535 10/27. (DeLorenzo)
700 VENEZUELA Maracaibo YVGH 0105 10/25 LA mx, R. Popular ID, good. (Hakiel)
705 ST. VINCENT Kingstown 0107 9/28 pop mx, SS vocal, EK talk, fair. (Hakiel)
710 VENEZUELA Caracas YVKY SS and EE pop mx, w/mentions of "Numero Uno", "Capital para mi" and El Banco Provincial ad w/WUR 0353 10/26, poor. (Frodge) 0311 10/23 US pop mx, R. Capital ID, good. (Hakiel)
711t UNID 10/13 1319 semi-classical mx, not // USSR 918, gone by 1324 w/no annets. (Vernon)
720 JAMAICA Kingstown 0201 10/23 RJR ID. Good. (Hakiel)
725 SURINAM Paramaribo woman announcer, calypso mx 0112 10/3, fair. (Frodge) George Hakiel pointed out to me that this guy has been off the air recently, say 10/25 or so up until at least tonight (11/6 as I type this)-CH
729 SPAIN RNE1 Oviedo etc. 10/14; 0441 BeeGees record, 0442 woman then man with SS talk. (Vernon)
730 MEXICO XEW Mexico City 0454 10/9 love songs, SID, good. (Hakiel)
735 ECUADOR Quito HCHB1 0502 10/9 Ecuadorian folk mx, SS talk, fair-good. (Hakiel)
738 AUSTRALIA 2NR Urston 10/16 1137 woman w/oporatic type mx //630, both fair. (Vernon)
738t TAHITI Papeete 10/23 0715-0730 plus very strong (!!!!) Now about that!!!! Very strong!! CH) Netting domestics w/woman and man talking in FF with a few pop tunes also in FF. Was //9750 SW making the ID positive. This has to be the best chance for 99 reception in ECHA. Every time I've heard this A index has been between 10 and 20. (Falconer)

Lots of stars for that report. You deserve them if you are east of the Mississippi and you hear a TP. See, you don't have to say anything nice about the DXD editor to get a lot of stars, hi.... When do I get to hear this guy????

- 740 CUBA H. liberacion good o/second LA w/political talk by men and women in SS 0545 10/27. // 670 and 630. (DeLorenzo)
- 750 GREENLAND Emanak 10/13 1327 Greenlandic type talk // 650 but a little delayed between the two, this topping KAPU for a while. (Vernon) And I went to know, when sm I going to hear this one too....
- 750 nicaragua YNX Managua 0257 10/25 fair w/Sandino promo, Star Wars and Close Encounters mx 0257 10/25. (Prodge)
- 750 VENEZUELA Caracas YVKS 0356 10/21 US pop tunes, Radio Caracas ID, good. (Hakiel) Good o/WSE and second LA w/US top 40 mx and men in SS 0517 10/27. (DeLorenzo)
- 760 COLOMBIA Barranquilla HJAJ 0326 10/23 SS talk, LV de Barranquilla ID, good. (Hakiel)
- 760 HAWAII KGU Honolulu 10/13 134611 noted w/Larry King talk net. (BV)
- 760 VENEZUELA YVQC Puerto la Cruz 0007 10/11 LA mx, R. Puerto la Cruz ID, good. (Hakiel)
- 765 SENEGAL Dakar 2251 9/26 as usual big signal w/lots of AA-talk, xint. (Hakiel)
- 774 SPAIN synchro 0246 10/13 man and woman in SS, talk then rr mx, good. (Hakiel)
- 772 SPAIN Sevilla 0203 9/20 rr mx, SS talk and pips at 0200, poor. (Hakiel)
- 800 NETHERLANDS ANTILLES PJB Bonaire with "Programa de Vida", addresses in USA and Ecuador, Back to the Bible in EE at 0230-QRM de GKLW 10/19. (Prodge)
- 801 UNID 10/16 1128+ noted w/classical mx, no talk, just mx, no pips or anything 1200. (Vernon)
- 805t ECUADOR Quito HCVP1 1039 10/18 soft LA mx, SS talk, poor-fair. (Hakiel)
- 810 COLOMBIA HJCV 0000 10/22 SS talk, Radio Sutotenza ID, xint. (Hakiel)
- 825 ST. KITTS R. Paradise, Basseterre with "The Plain Truth" religious program, then man with program notes, gospel mx till 0245 then more religion 10/18. (Prodge)
- 834 BELIZE with BBC mx to 0309 10/25 then lottery drawing with men 10/25. (Prodge)
- 845 ECUADOR HCSA6 1034 10/18 SS talk, R. Ambato ID, poor. (Hakiel)
- 846 ITALY Roma 0038 9/27 band mx, 11 talk fair-good. (Hakiel)
- 870 PUERTO RICO WAOA San Juan 2332 9/20 SS talk, ID. Good. (Hakiel)
- 873 AUSTRALIA 2GB Sydney 10/16 1120 man with tele-talk, poor signal. (Vernon)
- 891 ALGERIA Algiers 2217 10/1 AA talk, rx, xint. (Hakiel)
- 900 BARBADOS CBC Bridgetown 0310 10/8 BBC World News followed by CBC world headlines and islands weather read by woman anchor. (Horkiner) The former of the two anchors quite possible the brother in law of HRC'er Karl Jeter.... My, I know all the interesting facts, don't I? CH
- 910 VENEZUELA Maiquetis YVRQ 0132 10/25 LA mx, Radio Aeropuerto ID, good. (Hakiel)
- 915 ECUADOR Machala HCR73 0257 10/8 swingy LA mx, ID, good. (Hakiel)
- 918 USSR Hezen? 10/16 1258 instrumental mx, 1259 Mayek IS, good with //1449 fair. (Vernon)
- 945 FRANCE Toulouse 0449 10/11 FF talk by man, poor-fair. (Hakiel)
- 990 GRENADA Mournie Rouge R. Free Grenada men with political talk, ID, good. (Hakiel)
- 1026 AUSTRALIA LMK Mackay 10/16 1221 LMK contest then man anchor w/request, rr mx, fair w/HZ QRM. (Vernon)
- 1030 HAITI Cap Haitien 4VEC 2231 10/24 religious play, EE preaching, ID given way o/WPZ. Xint. (Hakiel)
- 1035 NEW ZEALAND ZEN Wellington 10/16 1236 noted w/Goodyear all nighter with Mike Turner, xint sig. (Vernon)
- 1044 MEXICO Sober-Aliou 10/13 0129 man with AA singing, never noted here before, usually only the German. (Vernon) 2225 10/1 AA mx and talk. (Hakiel)
- 1053 ENGLAND BBC Droitwich etc. 10/11 0524 men w/a couple of comical stories, jingle for Gary Davis. Only fair sig. (Vernon)
- 1062 PORTUGAL Norte-Azurara 0405 9/24 nice FF ballads by Ans, good. (Hakiel)
- 1080 POLAND Katowice 10/14 0433 men with talk, probably news, 0433 brief band mx, then man mentioned "... programa", then mx, good signal though wavy. (Vernon)

- 1143 USCH Kaliningrad 10/14 0432 women w/RR talk, poor sig. (Vernon)
- 1161 FRANCE Suresbourg 2250 10/1 orchestral mx, FP talk received at waterfront location in Greenport, NY super-strong-as were many TA's noted here. (Hakiel)
- 1179t SPAIN CORU Madrid etc. 10/14 0457 SS mx, 0500 pips, men with news items separated by two electronic sweep type tones, was not // SSR-1260. Sweden not noted this season yet. (Vernon)
- 1200 VENEZUELA YVQC 2349 10/17 LA mx, Radio Tiempo ID, good. (Hakiel)
- 1206 FRANCE Bordeaux fair w/FF pop vocals, women in FF through WCAU sideband 0647-0655 10/31. (DeLorenzo)
- 1215 ALBANIA Lushnje 0433 10/11 Slevic talk by men and woman, good. (Hakiel) 10/16 0408 men w/unid talk, Albanian lingo listed. (Vernon)
- 1220 BRAZIL Rio de Janeiro 2245 10/6 PF talk //6035 with Radio Globo ID, good. (Hakiel)
- 131t LOWWAY 0547 10/17 Korea talk over soft rx, fair. (Hakiel)
- 1323 EAST GERMANY R. Moscow Leipzig 10/14 0133 man w/EE news, good signal. (Vernon)
- 1377 FRANCE Lille 0605 10/17 FF talk, poor-fair. (Hakiel)
- 1395 ALBANIA Lushnje 2220 10/3 EE talk on merits of communism, xint. (Hakiel)
- 140t FRANCE Culture Net Brest etc. 10/14 0135 instrumental mx //1377, fair signal. Later 0430 TT noted on 1404/1377/1270 and 1206. (BV)
- 1413 USAH HSC Masireh Island 10/13 1455 man w/eastern type talk, Hindi listed, fair signal. (Vernon)
- 1422 WEST GERMANY Saarbrücken 2321 10/25 GG talk, pop mx, vocals, fair. (Hakiel)
- 1440 LUXE LOUNG Harmer 10/14 0142 jingle mentioning "the station of the nighties", xint sig, EE service. (Vernon)
- 1440 SAUDI ARABIA Has-Az-Zawr 1423 man with talk, 1425 AA mx, 1429 tone and man with talk to 1430 then usually minute long spots with talk o/various Bert Remfort instrumental mx, 1441 1/2 minute spot, this all to past 1444, seems a long time running commercials. (BV)
- 1449 USSR unid 10/13 1258 classical mx, 1459 mayak IS, 1300 pips, men w/RR talk, xint sig, noted //310 at 1317. (Vernon)
- 1449 UNID 10/13 1451 faint but AA flute type mx clearly detected. (BV)
- 1450t ALBANIA Lushnje 10/17 0412 men w/unid talk, 0413 instrumental band mx, men w/talk o/this, fair signal. (Vernon)
- 1467 MONACO Monte Carlo 0850 10/1 choral mx, GG talk, good. (Hakiel)
- 1481 UNITED ARAB EMIRATES Dubai 10/13 1450 AA instrumental mx, poor signal. (Vernon)
- 1530 VATICAN Vatican City 10/77 0454 women then man w/talk, Hungarian listed so perhaps that. (Vernon)
- 1540 AUSTRALIA 4QD Emerald 10/16 1442 end of classical mx, man w/credits and mention of Hemo and Julliter on "Australian Opera" next week. Xint sig, //792 also good. (Vernon)
- 1555 CAYMAN ISLANDS R. Cayman with discussion on health care in the region then EK pop mx 0140 10/26, fair. (Prodge)
- 1557 MALTA Cyclops 0418 10/24 Deutsche Welle IS, world news in AA which mentioned Radio Marti, very strong. (Horkiner)
- 1566 AZORES Santa Marta 2319 10/14 woman in PPP talk and rock mx, poor-fair. (Hakiel)
- 1575 AUSTRALIA 200 Wollongong 10/16 1402 man with net type news, 1404 local spot for Bowling club, more net rx, to 1408 then local talk and mx, poor-fair signal. (Vernon)
- 1575 SPAIN assume EAJ24 R. Cordoba lxc with news by 2 alternating men in SS, apparent ads 0631-0641 10/31. No fading whatsoever, SAH from second TA. (DeLorenzo)
- 1584 SPAIN Eliche 0330 10/24 heard two R. Eliche ID's over the Spanish graveyard din. Faded quickly. I was very happy to hear an ID on this one. (Horkiner) Lucky thieving dog.....CH

Marc DeLorenzo-Sudbury, Ma. H2100, SM1, LW
 Jeff Falconer-Clinton, Ont. NR515, LW, Grove tuner
 Harold Prodge-Midland, MI. DX302, 185' wire
 George Hakiel-W. Lulip, NY R7A, RYO, IW, loop, phasing unit
 Jim Horkiner-Caledonia, NY H390A, 4' loop
 Brian Vernon-Klax, Yukon Terr. R7A, FRU7/00, 4 Beverages

And if you had sent in a report this time I wouldn't have all this dead space to fill up with inane comments. Maybe I'll just leave it blank.

with Peter Kemp

WLW'S 500,000 WATT TRANSMITTER

The consensus of opinion concerning the new Crosley transmitter seems to indicate that it is getting out in fine shape. Numerous reports coming into the DX CORNER (RADIO NEWS), state that the field strength of W8XD (the experimental call under which the transmitter is operated) is much greater than the present 50 kw transmitter employed by WLW. W.R. Gurley, Munhall, PA, a suburb of Pittsburgh, reports that the old WLW transmitter suffered badly from fading in his locality and that while the new transmitter fades some, its signals are still well above the noise level when they fade to their minimum strength. A receiver equipped with automatic volume control can hold the new signals steady, whereas the signals from the old transmitter would fade down to the noise level or lower.

Reports from both the east and west coasts show great volume on W8XD's signals, a general freedom from fading. Reports are also coming in from foreign countries indicating that the new transmitter is covering a large part of the world with its signals.

An interesting fact is that as yet not one report has been received by the DX CORNER (RADIO NEWS) complaining of blanketing by this transmitter. When the idea of a 500 kw transmitter was first broached there were many who felt that such high power would practically ruin reception for miles around Cincinnati. The Crosley engineers claimed that such would not be the case and, if reports sent in to this department are criterion, their confidence was fully justified.

A noble experiment but....

New radio station

Home City

Radio station WRID-AM will sign on the air at 7:30 a.m. Tuesday, 10/25/83.

The new station, which will be at 1330 on the dial, is owned by MayMark Broadcasting.

Mark E. Harley of Clearfield is president, and Ray Goss of Indiana is vice president.

Adult format

The station will have an adult contemporary format and will be affiliated with the Satellite Music Network. The station will carry the network's national news and music programming.

The daylight station will have eight employees.

Mr. Goss was general manager of Indiana radio station WDAJ for 17 of the 23 years he worked there.

Mr. Harley formerly was manager of radio station WMAJ in State College.

VIA BARRY BRADLEY

USA SNAPSHOTS

A look at statistics that shape our lives

Champs of the airwaves

What's the most popular type of radio programming in our biggest cities? Here's a look at the top radio stations, according to the most recent ratings:

City	Station	Format
New York City	WKBS	Urban contemporary music
Los Angeles	KISS	Top-40 music
Chicago	WGN	Middle of the road music
Philadelphia	KYW	News
Houston	KHBO	Top-40 music
Carson	WJR	Middle of the road music

City	Station	Format
New York City	WKBS	Urban contemporary music
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Philadelphia	KYW	News
Houston	KHBO	Top-40 music
Carson	WJR	Middle of the road music

Source: Arbitron. By Mark E. Bradley, WMAJ, State College, Pa.

KCEN

NEWSTALK 1360



Harry S. Pinkel
10314 S. Oakley Ave
Chicago, IL 60643

Detroit Lions (June 29, 1983)		1240 NCBI-MI	1370 WCJF-MI	1450 WBY-MI
580 WTCB-MI	900 WATC-MI	1260 WJQ-MI	1400 WCCY-MI	1450 WULS-MI
590 WJMS-MI	910 WDFP-MI	1280 WPTC-MI	1400 WJMN-MI	1460 WIOS-MI
680 WDCB-MI	1060 WUNB-MI	1300 WOOD-MI	1440 WJCH-MI	1490 WTIQ-MI
760 WJR-MI	1080 WQAP-MI	1320 WJNU-MI	1450 WATZ-MI	1490 WMPX-MI (+9 PM)
850 WKBZ-MI	1150 WCNZ-MI	1340 WNTB-MI	1450 WMIQ-MI	

Detroit Pistons		1320 WILS-MI	1490 WMPX-MI	Still talking to:
800 CKLN-ON	1400 WKNR-MI	1500 WASH-MI	600 WIAC-MI	1370 WSPD-ON
970 WJHM-MI	1440 WJCH-MI	(+1 PM)	1230 WQVA-ON	

I have no network lists for the following NBA teams; these are all flagship stations.

Knicks	680 WCNN-AB Atlanta	Lakers	570-KLAC-CA Los Angeles
Celtics	680 WRKO-MA Boston	76'ers	560 WFIL-PA Philadelphia
Cavaliers	1300 WERE-OH Cleveland	Clippers	600 KOBO-CA San Diego
Warriors	740 KCBS-CA Golden State	Jazz	1160 KSL -UT Utah
Pacers	1070 WIBC-IN Indiana	Nuggets	850 KOA -CO Denver
Bucks	620 WUJW-WI Milwaukee	Kings	980 KMBZ-KO Kansas City
Havericks	820 WBAF-VX Dallas		

The following NBA flagship stations are unverified.

Nets	660 WNBC-NY New Jersey	Trailblazers	1190 KEX -OR Portland
Knicks	570 WJCA-NY New York	Bullets	1500 WTOP-DC Washington
Suns	620 KTAR-AZ Phoenix		

Notes:

*The Lions' network list has WJQ.

My sources this week are Ken Onyschuk, Doug McAbee, and the newspaper collection at the Chicago Public Library.

Radio is changing quietly in its technology, services

By DAN WESTELL

Many of the forces of technology that are remaking television are also changing radio.

Satellite and cable distribution and the use of existing broadcast bands to deliver supplementary services are technologies shared with TV. AM stereo and digital audio have strong links with cable television.

AM stereo will have the highest public profile and the largest impact on the industry, because it will give AM a tool to fight the loss of audience — and advertising revenue — to the higher-quality FM sound.

AM stereo actually provides better sound than FM, according to a University of Windsor marketing study, which found 71 per cent of respondents preferred AM to FM.

Ed Luteraugh, vice-president of CKLW, Windsor, cited the study this week in a

FRIDAY, OCTOBER 28, 1983

speech to broadcasters. His station, one of the dozen in Canada using AM stereo (another 11 have applied to do so), has "had a number of calls from people who can't believe how good it sounds."

But AM stereo will not have much impact before the latter part of this decade, noted Minal Fullerton, analyst with Burns Fry Ltd. of Toronto, in a recent report. The four types of transmissions, each of which requires a different receiver, may limit acceptance.

Mr. Luteraugh said the impact would depend on how fast converters are available, but once in the stores — probably early next year — there would be a large effect quickly.

In the longer term, AM stereo delivered by cable TV offers another method of penetrating the market. AM stereo signals can be transmitted on the FM cable band, and received without a special re-

ceiver, Miss Fullerton said. Cable also figures in digital radio and satellite systems. An Ontario Government policy paper said satellites could be used to transmit syndicated materials — concerts, sports events or news specials, for example — to local radio broadcasters.

The signal could then be retransmitted over the air or through cable. Either way, the economics and technology of satellite distribution favor the growth of radio networks.

Digital audio, which gives excellent sound reproduction, requires satellite-to-cable distribution because most of the benefits of the system are lost when it is broadcast over the air. Digital sound is the direction in which the music industry is moving, said Mel Blinde of Sony of Canada Ltd., Toronto.

CHICAGO SUN-TIMES, FRIDAY, NOVEMBER 4, 1983

WCFL-AM sold for \$8 million

By Robert Feder

WCFL-AM (1000), the once-mighty 60,000-watt Chicago radio station that became virtually invisible in the ratings in recent years, has been sold for \$8 million to a Florida group with a track record of airing paid-religion broadcasts.

Mutual Broadcasting System, which bought WCFL for \$12 million from the Chicago Federation of Labor in 1979, announced the sale Thursday to Statewide Broadcasting Co. of Pompano Beach, Fla. Pending approval by the federal government, the license transfer is expected to be completed around Jan. 1.

Statewide president Scott Ginsburg would not disclose his plans for WCFL. But broadcast industry sources speculated that the new owners would broker airtime to various religious denominations.

Founded six months ago by Ginsburg, his family and friends, Statewide owns four radio stations in Florida—three AM outlets that carry religion and news-talk programs and an FM station that plays adult-contemporary music.

During its Top-40 heyday, "Super CFL" was among Chicago's most popular stations, attracting Arbitron ratings of 8.6 in the summer of 1973. But hard times, poor management and a succession of failed formats quickly followed. WCFL posts losses reportedly exceeding \$2 million a year with its current mix of adult music, talk and sports.

WCFL General Manager William O'Donnell, who had tried to purchase the station himself, would not comment on his plans. VIA BARRY BRADLEY

TONY FITZHERBERT
356 JACKMAN AVENUE
FAIRFIELD, CT 06430

whwh 1350
5000 WATTS FULLTIME
Serving the heart of New Jersey



From a fleeting idea in June 1958 to a reality on September 7, 1963 -- that's how long it took to get started -- WHWH in Princeton, NJ has celebrated its twentieth anniversary on the air as the dominant radio voice in Mercer County, New Jersey.

Considering that there are at least 50 stations received well in the county from New York City and Philadelphia, not to mention the 3 AM and 4 FM commercial broadcasters in the Trenton-Princeton market, the formula of public visibility, local news, feeds from ABC, NBC, Mutual, AP News, Dow Jones...the Phillies and the Eagles, Rutgers football...has all added up to the station people tune to in central Jersey when they want to know what's up. In the morning drive time, Bill Bircher virtually owns the airwaves. Sunday nights, the Chairman of the Board conducts a 5-hour disc jockey show of classical music, and has done so for twenty years. And to top it all off, this year the station's president has been named Man of the Year by the Trenton area Chamber of Commerce!

Has it always been this way? Well, darn near! WHWH, which gets its call sign from the initials of its founder and Board Chairman, Herbert W. Hobler, started big and has somehow kept the momentum in spite of attempts to cut in on its firm hold of the AM market. WTMJ-920 has adopted a CW music format that has done well in the nearby Pennsylvania region, WBUD-1260 has taken on a "Sounds of your Life" format (like MYL) that attracts a rather narrow demographic audience, and WING-1300 has further segmented the audience by recently switching to religious programming. A major ripple went through the market two years ago when WBUD was successful in obtaining the rights to the Princeton University football and basketball broadcasts from WHWH. The music on WHWH is soft adult contemporary. One gets the best measure of a station's impact by watching school and other public events notices all over this part of New Jersey that say, "in case of bad weather, listen to WHWH for postponements." And bumper stickers? Everywhere you look!

At the time Nassau Broadcasting, Inc. applied for a construction permit, there were several other applicants but only Nassau came up with the winning technical proposal that made it through the FCC analysis. First, it was clear that identifying with Princeton would bring in big bucks, but it was also necessary to reach into Trenton and into rapidly expanding East Windsor; those areas lie to the east and southeast of Princeton. Areas to the west and north have remained quite rural even to today. So the decision was made to locate the transmitter and towers to the west of Princeton and to focus an effective 15-kilowatt signal into downtown Princeton with plenty left over for Trenton and its suburbs. A frequency search pointed out that 1350 was about the only good frequency available -- and that protection to York, PA; Norfolk, VA; Norwich, CT; and Oshawa, ON would be necessary. So a six-tower array was developed. Four 180-foot towers during the day give primary coverage to both Princeton and Trenton and, at night, two other 100-foot towers are brought into play to swing the signal away from the southeast and more to the due east. Fortunately, 5000 Watts was approved for both day and night operation. Initially, an RCA transmitter was installed and, after 12 years, a Harris transmitter was added and is now in daily use. STL microwave is used to relay the audio out to the Hopewell transmitter site. The operation is remotely controlled from the WHWH studios in Princeton, 11 miles away. WHWH operates 24 hours with a 4-hour 5P Monday mornings.

WHWH has proven to be a fine training ground for technical, continuity and on-air personnel. Among its graduates are Howard David, heard frequently on CBS sports, Judy Muller who handles a number of CBS radio newscasts on the network -- particularly in the morning hours, John Mathieu who probes New Jersey for WCBS-AM, and Dieder Bryant on ABC. John Anastasio, Program Director, has won international awards for his radio advertising copy, and the station's first chief engineer, Art Silver, went on to represent Collins Radio and, more recently, the Harris Broadcast Division in the east coast area.

John D. Bowker
(Guest Editor)

The home computer is one of the best friends the radio hobbyist has. But like a lot of our best friends, it has one very annoying bad habit. The home computer's bad habit is that it is a source of RF interference. All home computers, from the most expensive to the least expensive, are guilty to some extent. How much interference the computer generates, generally speaking, is not so much a reflection of cost of the computer, so much as it is of its date of purchase. While, for reasons to be explained shortly, the more expensive units do have some tendency to be less of a problem, the tightening of regulations governing RF emissions of newer computers is a more significant factor. Lets have a look at what in the computers causes the interference, and some possible ways of managing the problem.

The most significant source of RF interference related to the use of home computers comes from the TV set that they are usually hooked up to and the RF modulator which transmits the computer's video and audio signals to the TV. Monitors, commonly used with more expensive setups and sometimes with less expensive ones, do not generate as much RF interference because they do not make use of the RF modulator, which is a miniature TV transmitter, and because they do not have a tuner stage. However, while monitors create significantly less interference than do conventional TVs, they still must be considered a serious cause of RF interference. A second very significant source of RF is the electrical line noise generated by the power supply of the computer and any peripherals such as printers that might also be hooked up. Finally there is the computer itself. There are usually crystal oscillating circuits and other electronic components within the computer itself that generate considerable RF interference.

So how do we minimize the impact of all this RF on our ability to enjoy the radio hobby? Well, let's briefly look at each source of RF and deal with them in turn. First lets look at the TV and the RF modulator associated with it. The cost of Black and White monitors now begins at \$50 and color monitors begin at \$200. If the computer is viewed more as a serious tool rather than primarily as a game machine with only minor side benefits, then even the user of less expensive computers such as the VIC20 or TImox-Sinclair would be well advised to seriously consider a monitor. Besides making less trouble for your radio the monitor will provide considerable better readability for the computer. Another thing that can be done in this area is to use the best possible connecting cables, the ones using the most shielding. Also keep the length of the cables as short as possible for your particular setup. These suggestions will help you deal with the most significant source of RF from the home computer.

Another big source of RF interference is the power supply of the computer itself and of some of its associated peripherals such as a printer. There is really only one thing you can do about this and that is to keep your computer and its attachments as far away from your radio as possible. But of course if you are going to use the two together in any sort of meaningful way, there will be real limitations as to just how far you can go. However, it should be possible to plug the radio and the computer -- or in on different outlets, at opposite ends of the room if possible. I have found that this can make an appreciable difference. (One thing we have tried here at HQ is to plug your radio into one circuit of your house wiring and the computer into another circuit, by this I mean computer on one fuse circuit the radio on another.)

Finally, there is the computer itself and its own electronic circuitry. This is a tougher problem, but a problem you can deal with to some extent. First, as I mentioned earlier, newer editions of computers, even of the same make and model, have been forced by FCC regulations to reduce their RF emissions. Generally speaking, they have accomplished this by adding more internal shielding, but sometimes simply by using newer and higher grade electronic components. One manufacturer was able to reduce the number of components by two thirds (2/3) while producing a machine that worked just as the original did. This undoubtedly reduced RF emissions in their computers. But how can you approach the problem? Again, keeping the computer and radio as far apart as possible will help. Another approach is to provide your own additional shielding. Wrapping as much of your computer as possible in a couple layers of aluminum foil will make quite a difference. It won't do anything for the aesthetics, but it will make your radio a lot happier. [WARNING!! Make sure you know exactly what you are doing and where to put that aluminum foil in your computer before turning power back on to your computer.]

It's an unavoidable fact that your home computer is going to cause RF interference that will affect your radio, and probably the family TV too. It is, though, a problem which can be managed in a manner so as to reduce the impact of the RF interference to a minimum. A home computer and a radio can co-exist in the same home, indeed even in the same room, and they can even work together for the enjoyment of their user.

Article via Bill Krauss
ANARC Computer Information Committee



MUSINGS

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

(Deadline for #11: Dec. 3; for #12: Dec. 17. All times should be local time. Some TA's are pushing as far west as Louisville, and we continue to improve...)

Tom Connatser - Route 9, Box 78 - Sevierville, TN 37862 (pm 10-27; rec'd 11-31) Hello again from the Smokies. Not a lot going on this week as DX has been rather slow for some reason. A sunset session on the 10th did produce a few things worth mentioning. WAKY-950 TN was in from 6:52-6:55 with an A1 cluster and ID. Around 6:55 WKLV-IN took over with the "Insight for Living" religious broadcast and then into the s/off message, so fulltime TP listed in the Log isn't on yet. From 7:05 to 7:15 I listened to beautiful mx under heavy interference on 920. I got no ID on this guy who left the air at 7:15, although during the period I did ID KARN and WMOK. Any idea on who this might've been? To conclude the evening's listening session I heard weather, a "Country 1410" ID, and csw mx from KCLO-KS. Was back at the dial in the morning of 10-24 looking for DDXD editor Dave Schmidt on WCHE. I may have been close, but no cigar this time. The best I could do was hear what may have been Dave's famous pulsing TT from 12:38-12:48 am. No ID's or any other programming was heard, so this one won't count. WKBW wasn't noted, either. Did anybody else notice them off? Band was pretty dead this evening (10-25); nothing of interest showed up in the upper end of the band where I like to spend a good part of my SS DX'ing time. WDXN-540 TN noted at 7:05 pm with a good signal. On 560 I heard WMIK-KY leave the air with WUBO-TN then taking over the channel. On 630 a pretty good mess with talk, rock oldies and country. I got ID's from WMAL and WLAP; wonder who was running the country? I noticed in his last Muse that JOHN Callarman is giving up his position of the NRC's Public Relations Officer. Come on, people, let's work to keep the NRC the #1 DX club. We'll all have to work at it but it can be done and it'll be well worth it! I'm certainly going to do my part. I still contribute everything I can to the bulletin and am also doing CPC work this year. In fact, I have already arranged 2 tests this season. And let's help Tony Fitzherbert give us a better and more useful Domestic Log. Send in the formats and program information on your locals to him today. I am going to compile a current list of what the Knoxville stations are doing and get it in to him. Out of room - 73's.

Dallas Lankford - 983 Sherwood Drive - Ruston, LA 71278 (pm 10-27; rec'd 10-31) Too much work has prevented me from Musing sooner, but belatedly let me say what a fine job was done by those who organized the convention. It was a pleasure to meet so many members who had only been names to me before, talk about DX, and look at veris collections. At the heverage site Sunday night we had a "poor" TA opening (it would have been excellent in N. Louisiana) which was enjoyed by many members courtesy of Neil Kazaross and his R70 (not to mention the beverage builder; I didn't get his name.) Hobby activities lately have centered around tinkering with loops again after Dick Truxx told me about using two loops to improve null depth. My experiences with two loops in turn prompted me to build a Q-multiplier for my 19-rod ferrite loop; the result might be called a Q-loop. Preliminary tests indicate that multiplying the Q of a ferrite rod loop antenna improves some performance characteristics. Varying the amount of regeneration, and hence the Q, changes both the bandwidth and the output level. As the Q is increased, the output level is increased. This is consistent with theoretical loop formulas, which also predict that sensitivity improves as Q is increased. Output can be increased about 48 db before control settings become tricky and bandwidth narrowing significantly affects audio quality. I have not measured gain/bandwidth parameters completely, but WCCO-830 can be reduced about 48 db when the Q-looped is peaked on R. Beline (before critical tuning and bandwidth-narrowing problems). At the top end the 48 db bandwidth is about twice as wide. The Q-loop also seems to improve the nulling capabilities of a dual loop configuration. More on this later. Some general observations: The improvements in "hearability" of a Q-loop over an ordinary loop are small. Adjacent channel slop is reduced only slightly, if at all. Increased Q does improve sensitivity, but the narrower bandwidth causes pulse lengthening which makes weak signals at the background noise level more difficult to hear.

Guy Kudlemyer - 1314 City View #1 - Eugene, OR 97402 (pm 10-29; rec'd 10-31) With this season well under way, things are looking good here. I am sort of re-discovering the local channels this season. (I don't like to refer to them as graveyards because that gives our hobby a grave, depressing, somber undertone.) Each month, I pick out one of the locals and just spend some time several evenings in a row sitting on it to see how many different stations I can hear. This month's "Featured Frequency" is 1490. So far, 1490 has yielded 2 newies, KTOB and KLOG as well as tentatives on KCID, KOPE, KAKR, and CKOO-1. I find Friday evenings, just after sunset, to be excellent for this - most local stations are broadcasting high school football instead of mx, so there's a steady stream of talk from which to pick up clues about the station's

location. For instance, my tentative on KCID was derived from the mention of the two teams - the Caldwell Chargers and the Jerome Tigers. KOPE mentioned the St. Marie's Lumberjacks. As for KAKR, I heard a mention of Baker Beaumont Stadium and the visiting team, the Redmond Loggers. Also, there's almost always a commercial with every change of possession (and most HS FB teams are not known for the 500+ yardage offense), so there's plenty of local spots. CKOO-1 is tricky because you hear "Okonogon Radio" and mentions of Penticton, which isn't all that close to Osoyoos, but I have nothing else listed that it might be. Other only-occasionally-heard stations that have been present lately: KSYC, KTIM, KQMS, KAST, KCHJ, KATA, KNIX, and KGMS. Also tentatives on KDWL, KNAK, and somebody in "Liberty Square" on 1490. That's all from here. (If I hear "Islands in the Stream" one more time, I'm gonna puke.) (That's the mark of the true DX'er - he hears the same song 50 times in one night! -pls) Happy Turkey day to ya!

Bill Hale - 9823 N. Meadow - Converse, TX 78109 (pm 10-27; rec'd 10-31) (512) 658-8370. After an initial surge into DX land after arriving here, I've tapered off a bit. But I hope to get into a regular schedule next week after going on graveyard shift for a couple of months. // Some notes on San Antonio stations: KTSB-550 and KKYX-680 are stereo; KLLS-930 ID's as "Class" or "Class-FM". So, if you hear a "Class-FM" ID on 930, it's them; the new KSJL-760 is not on (hooray) yet. They have a target date of January. Their covers are up (4 in a box pattern) on I-10 near the TV station antenna farm east of town. No phone number available yet, but I'll keep trying to contact them to get details and report. // I've really been amazed at my success at DX'ing so far. Coast-to-coast and border-to-border (almost). My Eastermost catch is WABC-770 on 9-27 at 9:08 pm with Yankee baseball. On 10-1 at 6:57 am I caught KCBS-740 with wx, a solid ID, and into CBS ax. That takes care of the west. Also on 9-27 at 7:45 am KNX slipped through with female announcer "KNX Newsradio". Also KFI-640 has graced my airwaves on 9-14 at 6:10 am. My northern-most catch so far is KOPT-1180, which seems to be a semi-regular here with "Coffee Radio." Down south are a multitude of Mexicans, none of which I can understand. One reception which stands out was on 9-28 at 9:00 pm. XBRPM-660 was carrying the Dodgers-Padres BB game. It began with the song "It's a beautiful day for a ballgame ..." etc. that WGN plays prior to each Cubs game. It was in EB, then back to SS p-b-p. // All times here are ELT, which I test and report. (Use CST! -pls) In a recent DDXD I reported ELT with a quote from WTXI-698 at 2225 as "... top 2 records at 10". Then comes a remark from the editor that they were "already 25 minutes late." Wrong! 2225 is 10:25 pm, granted. But ELT. New Orleans is in the Central Time Zone; therefore 10 o'clock is still coming up. This is just one reason why I'm so much against the use of ELT. Let's hear some more comments on that. // Daytimers on regional channels will have to wait until the U. S. negotiates with Mexico before they can stay on 2 hours after sunset. That, from a reliable source. // A network (short as it is) is on its way to Barry Finkel for the San Antonio Spurs (NBA). // That's all from here for now. 73. (Your ELT point is well taken. Many errors have resulted from the writer converting his local time to ELT, and then the reader converting ELT to his time. I got confused, also, when I convert local time to tomorrow's Zulu time. -pls)

Eric Bueneman - 836 Lamplight Lane - Hazelwood, MO 63042 (pm 10-29; rec'd 11-1) Your Bandcan Editor is back doing a bit for Paul's column. Well, DX has greatly improved thanks to a "Space Magnet" courtesy of Terry Klasek. It's really doing the job, Terry. Recent veris include KANI-1500 TX, WDR1-1500 IN, WMLP-1310 IN, WSAO-1140 MS, WKDJ-680 TN, El Salvador-655, WHLO-640 OH, KTHS-1480 AR, WTTs-1370 IN, KTTs-1480 MO, WRHA-1588 IL, KGBX-1260 MO, WFRL-1570 IL, KWLO-1330 IA, WAKO-910 IL, KOKO-1450 MO, KPUD-850 MO, and WDMG-860 GA, plus one shortwave and one FM veris. The veris from WSAO and KTHS make it states number 27 and 28. Phone calls from Jim Rollins and Sherman Karns were much appreciated here. It's about time for an intro. I'm 17 years old, going through my junior year in high school, dateless, and unemployed. (Paul, do your fingers ache when you type a Musings column? I give my fingers a brief rest when I am doing my column.) (Now, not with the wordprocessor. However, the brain goes numb and the eyes cross - my excuse for the typos, hi -pls) Good DX to all, especially TAK (don't use my initials in your Muses, hi) and RG.

(The following three Muses were forwarded from the NRC Membership Center; thanks, Ron Musco; welcome to the NRC, gentlemen. And I'll pass on your kind and generous offer to draw me a map to find the convention motel next year in Colorado Springs, hi -pls) (pm 10-28; rec'd 11-1)

James J. Welsh, Jr. - 11 Center St. - Sea Bright, NJ 07760 Thank you for sending me info about the NRC. I have known about the NRC for a lot of years and sent for articles from DX News' reprint list in 1979. A month ago I sent for club info and got a letter back. And then I read a new ad in Popular Communications. After working in the electrical trade I retired and found not enough money to live on, so I took a job on a drawbridge shift. So am now going to retire after 17 years, in 1984. Took rx to work with me and DX'ed in the middle of the river. My wife has to work until 1984 to get pension. She has to be 65 years old to (??) for Panny

Farmer candles (27 years). So I hope we live long enough to enjoy old age. Hi, Hi I am a member of the Longwave Club of America. Antennas are all vertical, outside, with an all-band antenna in the attic. Homebrew preamps, active antenna, antenna tuners, etc. I want to get some Uts wire and make loop antenna, etc. 73. W2DPF.

William R. Hopburn - AES Weather Station - Eureka, NWT, Canada X0A 0G0

I am a weather technician up here on Ellesmere Island at Latitude 88 degrees N. Our station, "Eureka", is populated by nine souls. Today being Oct. 13. We are only days away from 24-hour darkness which here lasts from Oct. 22-Feb. 22! As you may expect, AM DX is fantastic up here at this time of year. Signals in the range of 3,000 miles or so are much stronger than "down south". A ferrite loop is all that is needed. Plus there are no locals here (nearest station is Thule, Greenland, 300 miles away). So far this year I have logged West Germany, USSR, France, England, Greenland, Norway, Luxembourg, Yugoslavia, Antigua, Austria, Sweden, N. Ireland, Belgium, East Germany, Poland, Saudi Arabia, and Albania. Conditions are improving daily. Europeans are received during late afternoon/evening, then Eastern U. Amerks during midnight, then Western Amerks towards morning. Totals so far only around 160 or so. Hoping to be a constant contributor to the NRC. I am also a member of WTPDA and LWCA. We even get the Russian woodpecker sound on AM up here!! Usually 1300-1500 kHz, also low end of band not half as good as top end of band. Looking forward to more AM DX. 73's.

Neville Clarkson - Box 449 - Mt. Hagen - Papua New Guinea

As a member of DXA, I would appreciate becoming a member of the NRC. I am very keen on USA medium wave DX. I live 5,500 feet above sea level in the Western Highlands of PNG, (??) of Mt. Hagen town 7 km. Thank goodness a good area for MW DX. I have a Grundig 3400 being repaired (the last 5 months) and still have not (??) it, so have on order (due in a couple of weeks) an IC-R78. So at the moment I cannot give any details of reception as I have only moved to this house, although I have been in PNG for 14 years. Arthur Cushen first started me in DX'ing many years ago in Invercargill.

Karl Jeter - 2115 Scarborough Road - Stone Mountain, GA 30088 (pm 11-1; rec'd 11-3)

Hello, dial-twisters ... there's been a fair amount of that around here lately with the addition of two beverage antennas in the woods behind the house. With the expert help of the Hutton Beverage Co., we put up a west 1500'er and an approx. 1800-footer to the NW. Right now, the west one hasn't been terminated and grounded, and the other one is only partially so ... we ran out of portable soldering devices (i. e., matches) before the job was done! Regardless, some interesting DX has come down the wire, although no AK or HI yet, hi. Here's some of the notable DX of late I've had: 10-31; MM, a pair of TX newies, KKOL with "Countdown Country" slogan and c&w mx 2:51-3:14 am, and mixed in was KRYS with CHR and weaker signal - both on the west bev.; 10-30 unnn KRAX-1050 6:45 pm with long s/off that featured Beatles' "Goodnight"; 10-28 KQYX-1560, also unnn, in nicely 7:28 pm with CHR and "The Boss - Your Favorite Hx"; 10-27: new log taken on WCLD-1490 12:15 am with c&w and wx. Morning of 10-23 was a good one, as on the NWW bev, log taken on CJSB-540 1:04-1:27 am with MDR and "AM Stereo 540-CJSB" ID's and "The Ottawa Overnight Pgm". A little later, WIND-560 hrd 1st time 1:34 am with blk and femme anncr. 10-22 am also productive, with unnn KNIX-1500 in u/KNOE with c&w mx 6:51 am; later new log with KANI-1500 hrd with c&w 7:48 am weak sig until several closer s/on's at 7:00 obliterated 'em. Last but not least, finally enough for a report on KPNW-1200 hrd 10-16 at 7:44 s/off time, with featured a long list of PM'er's in their network. That eve, quick log taken on KVGB-1590 8:00 pm with rar and femme anncr into AP mx. It's quite interesting to switch between the two antennas and compare what's coming in: one evening on 820, on the NWW, I was hearing WOSU/WAIT clearly with no sign of WBAP, but on the W, just the opposite was true! It's almost like having a giant "loop"! In time, a couple more in other directions may go up ... I still have south and SW available, as well as a due NW one. A few varies have trickled in during Oct: both are reverses for Ecuq changes: WDSR-1210 and WIZY-1120. Guess that'll do it for now. 73's.

Alan Hyams - P. O. Box 130 - Bronx, NY 10464 (pm 10-31; rec'd 11-3)

After speaking to a friend on the matter detailed in my last Musing, that is, hearing WGN-Chicago on 1300 instead of 720, something came to mind as to what may've been the cause. I'm only a few miles from High Island, off the Bronx coast, and this island houses the giant tower used by powerful locals WNBC and WCBS. If anybody has any comments on what possible connections there might be here, they'd be appreciated. On the news front, my news slot was hampered a bit the last few weeks, as the AP machine was broken. I wonder if all the campus-wide WQMC listening audience heard me turning the newspaper pages. Anyway, I heard a rumor that the station may transmit once again. I'll ask around and find out more about it. The DX season continues in good form. I've managed to log at least one new station every week for the last six weeks, mostly during the 55 period. Here are my latest acquisitions: WARA, Attleboro, MA on Sept. 18 at 1643; WNAS, Springfield, MA on Sept. 25 at 1810; WPRW, Manassas, VA on Oct. 2 at 1832; WPTQ, Worcester, MA on Oct. 16 at 2325; and WXYZ, Detroit on Oct 17 at 1236. That's about it. To each and all, 73's.

William C. Moser - Box 245 - Wishok, ND 58495 (pm 10-31; rec'd 11-1)

Of what value is a reception report to the radio station which receives it? A unique answer to that question was given by Paul T. Tigue, CE of KBBW, in his v/l. "I must say your accuracy of our commercial content so impressed our Sales Manager that he ran copies of your report to show our advertisers that their commercials really are being heard." Being heard, you. But is a North Dakota likely to buy anything from stores in Waco, TX? KBBW was heard on 10-28 from 1955 to 2001 ELT. Address: 7037 Sangar Ave. - Waco, TX 76714. 29 reports have been mailed during the month of October. The latest was to WECC on their NRC test of 10-31. Signal weak w/KIX and XEQ. Best SS catch was KPJM-1210, 447 miles SE, on 10-28 from 1959 to 2001 ELT. Verles received so far include KPKA-1310, KOYN-1210, KBBW-1010, KR0Z-1000, KBHB-0810, KVSU-940, and KTI5-980. Verle total stands at 1395. I'm enjoying DXN after an absence of 27 years from NRC membership. I especially enjoy John Malick's Musings, since I am a native of the Pittsburgh suburb called Uniontown. It's good to know what's being heard in SW PA. Keep the CP tests coming, and 73's from Dax's Territory. (Welcome back to the fold, William. How 'bout a Mothball Memory sometime? -pls)

Ernest Cooper - 5 Anthony Street - Provincetown, MA 02657 (pm 10-31; rec'd 11-3)

ELT used. Three more AM varies have "arrived": WNSY-1310 (ex-WGN), WRCM-1570 (f/up), and WQIK-1320, the latter assumed to be a verle - I got a CV, SS, promo data, but no letter. I've lost count of the exact amount of verles again; I'll have to do a recount. DX: Wed. 10-19: Somebody TT'ing on 1340 o/u WR0D-PL at 12:53 am on an AM morning. On 1450, one with what seemed to be a satellite net rock show, with ads for the usual - Topol and Santicura, and some given as "20 past the hour" and saying "We want to be YOUR radio station" etc., ad nauseum, and no hint of an ID, even on the even hour. I suspect this is the AM Euro of my "private catch" VSD, Bermuda, replacing the VOA and BBC programming, which is not heard on 1450 any more, even on these AU days. The 1160 Cuban is gone again, and not heard since (thru 11-1 am). Thur. 10-20: The SS on 1380 mentioned several cities and slogans at 12:58 am and left the air; I couldn't figure out who he was, though. Fri. 10-21: Still AU; unnn WCGA-1450 was on top at 1:10 am. WSUA-1260 was in with at 1:38 and reported, than's to Ron Schatz' address on this one. Sat. 10-22: Mention of WMMG on 1430; has WOND adopted its FM sister's call letters, maybe? They had EZL style mx. MM 10-24: Nothing much doing; WCHB-1420 not heard; on? Unnn WLIH-1500 on ET/opp mx o/CBT's TT and VOA, now running AM. Tues. 10-25: SSS, Unnn WBNC-1170 o/WXW at 5:46 pm. Wed. 10-26: Morocco-1044 presumed to be the blockbuster with AA singing at 5:38 pm, to 6 pm mx. Thur. 10-27: Grenada-990 is gone; so is Grenada, hi. On 1450, the Colombian NA was heard at 12:59, then CPJR and WOL took turns being on top. Fri. 10-28: Dial tone on 1460 u/that perpetual loud OC, o/u WPOD/WCMB, 12:24-1:02 am. A screaming SS speech going on on 1310 and 1390; was this Fidel? Unnn WVAB-1550 conducting ET's with r/c at 2. Sat. 10-29: "R. Nueva"-HJAY-1490, Barranquilla, was topping this channel today, enough for a report! They left the air at 1:47 am with their anthem. SM 10-26: WASY-1590 ME is back AN'ing, noted at 1:45. On 1120, and SS calling itself "Super Seis" annihilating KMOX at 2:51 am. WBT ran rock till 2 am EST, then TT'ed. MM 10-31: WECC-940 test made it thru XEQ, WINZ, and the Cuban Minute Man, all about even in volume here. WOCB-1240 was off today; maybe the've quit AN'ing. The 1560 EZL-SS turned out to be a Cuban. of all things. Forward - March!

Sidney E. Marshall - 7224 Pam Dr. - Millington, TN 38053 (pm 11-1; rec'd 11-4)

A delay in the change of my work schedule gave me some unexpected time at the dials so I have some DX to report sooner than I had expected. With 4 new ones added to my log book my station total now stands at 1,116 heard from this location. Times shown are in CDT as all were logged before the change back to CST. Newies are: On 10-25: WIZY-1120, GA was in several times under KMOX between 5:46 and 6:00 pm with mx, couple of ID's, rx, and wx for middle Georgia before being completely covered by KMOX. On 10-26 at 6:24 pm KZNG-1340, AR surfaced over the jumble with mx, promo for station contest giving mailing address, etc., and announcement to stay tuned to KZNG for sports news. This is GY'er #94. Later this season I'm planning on hitting the GY frequencies heavy to try to build up my GY totals. On 10-29 I did a little early-morning DX'ing landing WAMT-1060, FL at 5:59 am with mx, top-of-hour ID, and into mx. Evening of 10-29 reaped me KPFE-1250, TX which surfaced over KOKY with s/off heard at 6:45 pm. In my last Muse I reported hearing KALO-990, TX on 10-13. I noted in DX News, 10-31-83, call letters have changed to KTRV. I wonder if the announcer slipped up in giving the old call letters or if the new ones went in effect after 10-13? While the grants to stations to move to the clear channels is bring many DX'er's new loggings it brings tears to my eyes to see these channels cluttered up as some of the programs on these "clears" that I enjoy are becoming very difficult to hear. Looks like we are in for a good season as I am hearing many low-powered stations that I haven't heard in several years!

Arnim Littek - Box 1281 - Smiths Falls, ON K7A 5C7 (pm 10-31; rec'd 11-5)

I'm sitting on 598 trying to hear a Nebraskaan (Est chance) or a Newfie (dream on) come out of the slop the Cuban and CKEY are creating, so why not put a little of this time to use keeping Paul amused?? (Har, har -pls) It's been quite a while since I graced (7117) these pages, so for the benefit of

those who don't know, which should cover most of you. I am 26, single, and stuck in a Godforsaken corner of an otherwise fine country. A high-precision metrology outfit by the name of Guildline Instruments paid me to work 4 days a week and the other 3 days I generally spend away from this, one of the earth's armpits. Hope nobody who likes Smith's Falls reads this. Since I had a terrific, long summer vacation after finally graduating this May, I'm up to here in debt and soon the weekend getaways will have to stop. I may even start to ~~try~~ seriously, hi. No, really, Robert Krumer's contest has me more motivated ~~DX~~ ~~than I've been liberally in years~~ and I've had the receivers fixed up quite frequently recently. May pick up a long-overdue ham ticket this winter, too. The region is, generally speaking, RF quiet, with only local CORT-638 blowing my flutes (10 kw at 1 mile or so) and I may have access to a faem for a beverage this winter if I can scrape together the cash for the copper. Speaking of CJRT, I had a tour, just for the halibut recently, and rather enjoyed the museum pieces. Word has it when CHRZ-FM of Ottawa takes over next year that they may get some equipment. Can't hurt; they've got none now. By the way, one of the days I'm gonna get down to brass tacks and phase a couple of 1 of my random wires here together ... does any Canadian member know of where I can get some Amidon or Miller MF cores? Or equivalents, even? One last note: the principal outlet of surplus electronics from the Canadian Govt. is right down the road from me. It's heaven in that old barn. Any members from ON, QU, or NY would definitely be interested. Just wish I had some bucks to blow ... '73's and good DX.

Dick Truax - 3803 Gleason Ln. - Louisville, KY 40299 (pm 11-2; rec 3 11-5)

Time for yet another Muse from the Bluegrass State. DX, although not spectacular, is continuing to trickle into this shack. 10-20: WCRK-1150 TN with ax and ID at 9:07 pm all alone on the channel. 13-21: WZXX-368 TN s/off at 7:15 pm atop the channel, then KOSE-R60 AR s/off at 7:33 pm: a good night to the southwest. 18-30: WZXX-1548 TN s/off at 7 pm. This is a recent call change that caught my attention because WZXX was an FM local here in Louisville several years ago, also! 18-30: I was trying for any goofs on s/off times with return to standard time. One in particular I need help on desperately. Missed call although I believe it was K777-1568 s/off at 7:15 pm mentioning frequency of 1400 kHz. and 1,800 watts daytime, 250 watts nights in a town that sounded like Belleville? Anyone else hear this oddity - and if so, where is it? Nothing noted in AM Switch columns of a station changing from 1400 to 1548 or vice versa. HELP! Have been having weekly schedule with member Bill Marvin on 40 meter phone, around 7260 kHz at 1983 EST. So far Bob Foxworth dropped in on us. Anyone is welcome: the more the merrier; if you can't get on, listen in and maybe we will have some late-breaking tests, etc., to mention. Anyone needing a good receiver - I have a 5134 and an SP-600 available. More as it happens. Oh, yes, some apparent TA nets are surfacing here finally after several years of nothing. Nets noted on 1206, 991, 1521, 1862, and 891. The latter yielded some chattering when I was able to null down WLS, so undoubtedly was Algeria. Some bits of audio noted on the others, but not enough for any tentative ID's yet. This season is starting to shape up as better than the last several seasons.

Paul Swearingen - 7318 Ensign Ave. - Sun Valley, CA 91352

No DX done this week, but I did read an interesting book by Larry Brookwell, the ornery octagenarian who ramrode the International DX'ers' Club of San Diego, entitled Tail Gunner on a Superheterodyne, and I'd like to commend it to NRC members for perusal. I thoroughly enjoyed it, and no, you can't borrow my copy but you can order one from Larry for \$8.95 plus postage: 1st class USA/Can/Mex \$2.97, 3rd Class USA only \$1.15, C. Amer/Carib/3ot/Vnms rd class airmail \$2.21, S. Amer/Eur/V. Afr \$3.52, elsewhere \$4.72. I read it straight through in one sitting and wished that it had been twice as long. You can request that he autograph it for you, also. And that's my plug for the week!

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HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any 5 for \$1.00 (Please - minimum order of at least \$3.00): WEMP, Hisco-99, European Music Radio, Amateur Radio, WMB, KPLC, Radio Reporter, WOR, WNC, WMM, Radio Teen, KKK, Radio Canada International, Radio France International (large) (blue) (circular), Radio Vatican (semi-cir.) (square) (small), RUK, WMA, Radio Sweden International (large) (circular), WCM, RCEN, ANARC, CCR, CPTI, Radio Hoesay, Radio Berlin International, Radio Nacional de Espana (soccer) (cir.) WCR Radio (rock) (small), Radio 270, WNR, RPOG, 55-Country, WNET, RWE, Radio Derby, Rete Quattro, KSM, Polka Radio (green) (blue) (gray) (orange), Radio Budapest, DECC, ORP, GNY, LZB, Metro Radio, WGB, WLF, KDOI, KFM, KONE, WMA, KOK, WCL, KTY, WEXZ, WLR, WEEI, WZZO, RXY, WLUP, ELOS, SMP, KLOL, WES, WBT, WFL, WLLZ, WCO and ESPN.

HAP BID ITEMS: ITEM #46: Radio Canada International QSL card "Globe and Microphone" m/c (4x6) #87: RCI QSL card "Satellite" m/c (4x6) #88: RCI QSL card "33rd Anniversary" m/c (4x6) #89: RCI QSL card "RCI Logo" m/c (4x6) #90: RCI QSL card "Mahalan" m/c (4x6) #91: RCI QSL card "1974 Cycling" m/c (4x6) #92: RCI QSL card "YDP" m/c (4x6) #93: RCI QSL card "HAP" m/c (4x6) #94: RCI QSL card "1973 DX Year" m/c (5x7) #95: RCI QSL card "LA Service Photo" BW (4x5.5) #96: RHC Radio City (UK) decal (4x6) red, BW, 097: Maxx Radio (Isle of Man) sticker (3" cir) red, BW, #98: WCN (Newfoundland) sticker (3x12") m/c-nice! #99: WFL sticker (4x6) black, #100: KZZO-TV Iron-on patch, m/c (2x3"), #101: Radio Korea sticker (3.5x5") m/c-beautiful! #102: Radio Teen (UK) decal (2x18") m/c. #103: Radio Luna (Italy) decal (2x18") m/c-nice! #104: WDR Radio (Germany) station pen, blue, BW, #105: ZCH (Australia) key chain, m/c. #106: CQ2 metal badge (2" cir) m/c. #107: WLR key chain, red, white, #108: GGC (Australia) metal badge (2" cir) red, white, #109: Metro Radio (UK) metal badge (2" cir) m/c-nice! #110: BMB Radio (UK) metal badge (1.5x2.5") m/c. #111: BRC World Service (UK) metal badge (1.5" cir) red, white, blue, #112: Polka Radio (Poland) station pen, m/c. #113: Radio Musicability (Italy) sticker (1x7") m/c. #114: RZZ (Australia) "Heart" sticker (4" cir) m/c-beautiful! #115: Radio HI Amigo sticker (2.5x5") m/c. #116: Radio Scotland sticker (3x12") blue, white, #117: NZL (New Zealand) "Switch" sticker (3x7.5") m/c. #118: Radio Atlantida (Peru) key chain, m/c-very beautiful! #119: Radio Lancashire (UK) key chain, red, BW-nice! #120: Radio Fort (Scotland) key chain, BW, orange, #121: Radio Peking (China) pin (cir) BW, #122: Radio Peking pin (cir) dark blue, #123: Radio Peking pin, red, white, blue, #124: Radio Peking pin, gold, BW, #125: Radio Peking pin (square) blue, white, #126: Radio Highway (UK) pen, blue-nice! #127: WBLW/WLW pen, red, white, blue, #128: WXX station pen, BW, #129: Radio Highway (UK) station pen, black, yellow, blue, #130: RTE Radio 2 (Ireland) pencil, red, black, #131: Radio Teen (UK) metal badge (1.5" cir), red, BW, #132: WEEZ metal badge (1" cir) red, white, #133: Radio Fort metal badge (1.5" cir) BW, orange, #134: Radio Bucharest (Romania) pin (1" cir) m/c-nice! #135: Radio Berlin International (DDR) large plastic badge (2" x2") m/c. #136: Trans World Radio sticker (3x6") blue, white, #137: Radio Milano (Italy) plastic sticker (3x8") m/c-beautiful! #138: Devon County Radio (UK) decal (3x9") m/c. #139: Radio Citta Di Corico (Italy) sticker (3x8") red, white, #140: Swansea Sound (Wales) decal (4" cir) m/c-nice! #141: BMB Radio sticker (5" cir) red, BW, #142: Radio Time (Italy) sticker (2x6.5") red, white, #143: Radio Korea paper pennant (double sided w/ 2 different designs)-very nice! #144: Radio Genini (UK) sticker (3.5" cir) m/c. #145: Radio Vatican First Day Cover w/ postage stamp (4x7") m/c-collectors item! #146: URG (Australia) sticker in Spanish (4.5x5.5") red, BW, #147: Radio Fort collector (3.5x1.5") orange, BW, #148: Radio Monte Carlo (Monaco) sticker (2.5x8") red, white, #149: Radio Bristol (UK) cloth arm patch (2.5" cir) red, white, #150: Radio Teen decal (3x11") m/c-nice! #151: WKER "Rainbow" decal (4x9") m/c. #152: WZZO metal license plate (4x12") m/c. #153: Devon County Radio decal (3x4.5") m/c. #154: Radio Orkney (Orkney Island) sticker (3.5" cir) red, white, #155: Radio Shearland (Shearland Island) sticker (3.5" cir) green, white, #156: Cleveland Area Cable TV cloth arm patch (2.5" cir) blue, white, #157: Radio Five (South Africa) sticker (2.5x3") m/c-rare! #158: Radio Orwell (UK) decal (2.5x15") m/c-beautiful! #159: CUC Southwest Ontario plastic litter bag (7x10") gold, white, #160: WPEZ paper hat, blue, white, #161: RTV-TV plastic litter bag (9x12") m/c. #162: KSDI paper hat, m/c-nice! #163: WBS metal badge (1.5" cir) red, white, blue, #164: ESPN metal badge (1.5" cir) red, white, #165: ANARC metal badge (1.5" cir) BW, #166: KTYO metal badge (1.5" cir) m/c. #167: KHI metal badge (1.5" cir) blue, white, #168: ARRL metal badge (1" cir) black, yellow... Hope there is something for you... Sam.

ADDRESS: Send your bids and direct sale purchases to Sam Barto, 47 Prospect Place, Bristol, CT, 06010 USA.

ADDITIONAL DIRECT SALE ITEMS: The following stickers and decals are available for \$.50 each: WERE, Bourneville Welly (green), ZCH, BBC Radio One, Radio Peking (black) (blue) (green), Radio El Mundo, Radio Nederland, KTTS, KCEX, DRT, GKC, ANARC (large), Radio Vatican sticker type pennant, WDR-TV, RTE Radio 2, Radio Rumba, CCR, Radio London-266, Radio Avon, 2YB, Radio Riens, GDCX, Radio Maikato, Canlen TV, Radio City-299 and Radio Caroline (white) (black).

The following items are for sale at the quoted prices: WLPX, WMM and WNET metal badges at \$.25 each; mini-posters from Radio London, Radio Nord, Voice of Syncon, Radio West, Radio Caroline, Radio Jill Renee, Radio Nuova (car) (woman) are \$.25 each; BHI book marks at \$.25 each; RCI QSL cards: Iron (Council) and (Broadcasting Year) at \$.25 each; RCI DJ photos from (Cadman) (Tretlawney) and (Harding) at \$.50 each; WMM book covers at \$.25 each - or five (5) for \$1.00; metal "Antenna" badge at \$.25 each; while they last RCI pennants at \$1.50 each; 51X poster at \$.50; WERE plastic litter bag at \$.50 each.

HAP THANKS: A big thank you goes out to the following individuals for donating items to HAP: I. Pascal, B. Montefini, B. McCants, T. McLemore, B. Martheau, E. Southwell, J. Bruckner, J. Kaplan, and H. Campbell. Many of the items we offer can only be done with donations from people such as these. Thank you very much... Sam.

BANDSCAN

ERIC BUENEMAN
836 LAMPLIGHT LANE
HAZZLEWOOD, MO 63042
(314)-895-1436
(1700 to 2400 ELT)

Hello once again and welcome to the Bandscan Column. Our first scan is from TCM CONNATSEB. This scan was taken in Oak Ridge, TN during the day using a GE Superadio.

550	WMIK, Middleboro, KY	1140	WLNT, Loudon, TN
580	WOFZ, Rockwood, TN	1190	WVVC, Danlap, TN
590	WVLK, Lexington, KY	1210	WDBA, Danlonega, GA
620	WRJZ, Knoxville, TN	1220	WCFM, Atowah, TN
650	WGM, Nashville, TN	1230	WKGZ, Harriman, TN
690	WZAP, Bristol, VA	1240	WMLZ, Knoxville, TN
710	WCKC, Williamsburg, KY	1250	WRTT, Tazewell, TN
730	WLIL, Lenoir City, TN	1260	WNOG, Chattanooga, TN
740	WVQZ, Harrogate, TN	1270	WLLK, Newport, TN
750	WSE, Atlanta, GA	1290	WATO, Oak Ridge, TN
790	WETB, Johnson City, TN	1330	WZQD, Corbin, KY
800	WDEH, Sweetwater, TN	1340	WAEW, Crossville, TN
810	WNYS, Murfreesboro, TN	1360	WVGC, Knoxville, TN
850	WIVK, Knoxville, TN	1360	WELC, Lenoir City, TN
900	WLVV, Knoxville, TN	1380	WESH, Clinton, TN
910	WJCV, Johnson City, TN	1390	WYAI, Athens, TN
920	WLIV, Livingston, TN	1400	WGAZ, Maryville, TN
930	WSEV, Sevierville, TN	1410	WHLN, Harlan, KY
940	WECO, Wartburg, TN	1430	WENK, Knoxville, TN
960	WVGR, LaFollette, TN	1450	WLAZ, LaFollette, TN
970	WVKK, Spring City, TN	1470	WVAB, Alcoa, TN
990	WNOX, Knoxville, TN	1490	WITA, Knoxville, TN
1010	WFGW, Black Mountain, NC	1550	WCRJ, Oak Ridge, TN
1060	WNPC, Newport, TN	1560	WVKT, Knoxville, TN
1070	WELI, Lookout Mtn., TN	1600	WVJS, Harriman, TN
1090	WENR, Englewood, TN		

Next Scan: JOHN T. ARTHUR, Pahoa, Hawaii (let's see more Hawaiian Scans) (K-368, 75' longwire) (night)

540	CBX, Regina, Sask.	910	KHAW, Oakland, CA
	XZMA, San Luis Potosi, MX	920	KGAL, Lebanon, OR
550	KMVI, Walluku, HI	940	KDEO, Waipahu, HI
570	KLAC, Los Angeles, CA		KFMT, Fresno, CA
580	KMJ, Fresno, CA	950	XZGM, Tijuana, MX
590	KSSK, Honolulu, HI		KJR, Seattle, WA
600	KOGO, San Diego, CA	960	KABL, San Francisco, CA
610	KYJC, Medford, OR	970	KPUA, Hilo, HI
620	KIPA, Hilo, HI	980	KFWB, Los Angeles, CA
640	KFI, Los Angeles, CA	990	KVH, Honolulu, HI
650	KORL, Honolulu, HI	1000	KOMO, Seattle, WA
670	KBOI, Boise, ID	1010	CHN, Calgary, AB
680	KNER, San Francisco, CA	1020	KTNW, Los Angeles, CA
690	KKUA, Honolulu, HI	1030	KTWO, Casper, WY
710	KMPG, Los Angeles, CA	1040	KPOL, Honolulu, HI
	KIRO, Seattle, WA		WHO, Des Moines, IA
720	KUAI, Eleele, Kauai, HI	1050	XEL, Monterrey, MX
730	CKLG, Vancouver, BC		XED, Mexicali, MX
740	KCBS, San Francisco, CA	1060	KPAY, Chico, CA
	KTRK, Houston, TX	1070	KMX, Los Angeles, CA
750	KFQD, Anchorage, AK	1080	KZHI, Honolulu, HI
760	KGU, Honolulu, HI		KSCC, Santa Cruz, CA
770	KOB, Albuquerque, NM	1090	KING, Seattle, WA
780	KROW, Reno, NV		XEPAS, Rosarito, MX
790	KCCN, Kealahou, HI	1100	KFAA, San Francisco, CA
800	PJB, Bonaire, N.A.	1110	KHEI, Hilo, HI
810	KGO, San Francisco, CA	1120	KPNR, Eugene, OR
	CHQR, Calgary, AB	1130	KLEI, Hilo, HI
820	WBAP, Fort Worth, TX	1140	KRAK, Sacramento, CA
830	KIKI, Honolulu, HI	1150	KBAL, Morro Bay, CA
850	KHLD, Hilo, HI		KAGG, Klamath Falls, OR
870	KAIM, Honolulu, HI	1160	KSL, Salt Lake City, UT
880	KRVN, Lexington, NE	1170	KONO, Honolulu, HI
	TQJ, Guatemala City		KCBQ, San Diego, CA
890	WLS, Chicago, IL	1180	KOFL, Kallispell, MT
900	KNUI, Honolulu, HI	1190	KEX, Portland, OR

NIGHT SCAN: JOHN T. ARTHUR (continued)

1200	WOAI, San Antonio, TX	1420	KCCN, Honolulu, HI
1210	KZDC, Honolulu, HI	1430	KALI, San Gabriel, CA
1220	CKDA, Victoria, BC	1440	KFBO, Riverside, CA
1250	KTMS, Santa Barbara, CA	1460	KLON, Salinas, CA
	KNCO, Grass Valley, CA	1470	XZBC, Tijuana, MX
1260	CFRN, Edmonton, AB	1480	KYOS, Merced, CA
1270	KNDI, Honolulu, HI	1500	KUMU, Honolulu, HI
1280	KKAL, Arroyo Grande, CA	1510	KGA, Spokane, WA
1290	KHSL, Chico, CA	1520	KOMA, Oklahoma City, OK
	KMEN, San Bernardino, CA	1530	KFEK, Sacramento, CA
1300	KYNO, Fresno, CA	1540	KISA, Honolulu, HI
	KMPS, Seattle, WA	1550	KZHI, San Francisco, CA
1310	KDLA, Oakland, CA		KVAN, Vancouver, WA
1320	KGNR, Sacramento, CA		XZBJ, Tijuana, MX
1330	KFAC, Los Angeles, CA	1560	KPMC, Bakersfield, CA
1350	KIPO, Lihue, HI	1570	XZRF, Ciudad Acuña, MX
1370	KZEN, San Jose, CA	1580	KDAY, Santa Monica, CA
1380	KTCM, Salinas, CA		KNIX, Phoenix, AZ
1390	KCEY, Turlock, CA	1590	KBBW, Ventura, CA
1400	KRE, Berkeley, CA		KLIV, San Jose, CA
1410	CFUN, Vancouver, BC	1600	KGST, Fresno, CA

That's all for this time. Until next time.....

THE MIGHTY WKOK
1070

P.O. BOX 1070 • SUNBURY, PENNSYLVANIA 17801

Best of 74 and 73's,

Eric Bueneman
eric.bueneman-KDAB@IL/
WLS 5M0

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