



# DX NEWS

*the magazine of the  
National Radio Club*

— SINCE 1933 —

Volume 54 Issue 19/20 Monday, February 23, 1987

Canada Postage Rates will NOT effect our subscribers in Canada this per reliable sources in the U.S. Post Office as well as the Canadian Post. It is just an increase in domestic, internal mail service within Canada. And yes, the Canadian post rate has now gone up twice since the last U.S. increase.

April Fools issue is just around the corner. Time to start thinking of what you want to put into the columns. Issue 24, March 30 is where the material will appear. The **deadline** to get your material into us is **March 15th**. Yep, that is only 4 weeks away! Send your material to **BQ** and NOT to the regular column editors, they have enough to do. Mark your material and envelopes "April Fools Issue".

A question on renewals that keeps coming up here, "Can I renewal for more than one year?". Yes, you can renew for up to 2 years. Take the one year rate, found on the back cover and just double it. What you save is writing a check every year, saves postage, and keeps you one jump on any rate increases.

#### CPC TEST (Times listed are Eastern Local Time)

Even if you don't hear the Test, why not send a postcard thanking the station anyway.

Mar 2 KGGF-690 Coffeyville, KS 0100-0300 Test will be an extension of their regular programming, with possible Code IDs inserted. The station will also offer ~~US\$69.00~~ for the furthest report. Be accurate!! Restrictions are that your report must be received at the station by April 2, 1987 and this offer void if prohibited by local or state laws. Send your accurate report with a mint 22 cent stamp to: Mr. Jack Maxton, CE, Radio Station KGGF, Box 1087, Coffeyville, KS 67337. Test arranged for the NRC by Bob Harrison and Wayne Heinen.

Mar 2 KKRE-1040 Monument, CO 0200-???? Program details unknown, may contain Voice and/or Code IDs. A Polite Reception report with a mint 22 cent to: Mr. Dan Hubbard, Station KKRE, Box 1385, Monument, CO 80132. Test arranged for the NRC by Ron Musco & Wayne Heinen.

Mar 9 WKDO-1560 Liberty, KY 0015-0045 Test will consist of C&W music and Code ID. A Polite Reception report along with a mint 22 cent stamp to: Rick Wesley, Station WKDO, Box B, Liberty, KY 42539. Test arranged for the NRC by Ron Musco and Wayne Heinen.

Mar 16 WEKS-1080 Marietta, GA 0100-???? Program details uncertain, but may contain Code IDs. A Polite Reception report along with a mint 22 cent stamp to: Ted Ronneburger, CE, Station WEKS, 19 Atlanta St., Marietta, GA 30061. Test arranged for the NRC by Herman Adams.

Mar 16 WTFO-1050 Conyers, GA 0300-0330 Regular Programming, with possible Code IDs. A Polite Reception report along with a mint 22 cent stamp to: Lee Cook, GM, Station WTFO, 924 S. Main St., Conyers, GA 30207. Test arranged for the NRC by Herman Adams and Wayne Heinen.

#### LOOK INSIDE:

2.....AM Switch                    3.....DDXD-East                    7.....DDXD-West  
10.....IDXD                    14.....Kenwood R-5000 Review    19.....MUSINGS  
24.....NRC Facts, Your Name on a label and Your Tax return check.

Jerry Starr, c/o WHOT Radio, 4040 Simon Road, Youngstown, OH 44505

### CALL LETTER CHANGES

OLD CALL:	NEW CALL:	OLD CALL:	NEW CALL:
1180 KNPE NE BELLEVUE	KKAR	1400 WMSL AL DECATUR	WAVD
1240 WTAM MS GULFPORT	WGCM	WRDO ME AUGUSTA	WMME
1340 WBCS WI MILWAUKEE	WLZR	1410 WGFN NY SOUTH GLENS FALLS	WSTL
1350 WEET NC ABERDEEN	WSCT	1440 *New OH ONTARIO	WRGM
1370 WGZS SC ELLOREE-SANTEE	WMNY	1500 KDJC AR JACKSONVILLE	KCHB
		1600 KRXY CO LAKEWOOD	KMVP

### APPLICATIONS FOR NEW STATIONS

1180 NM ROSWELL: 1000/460 U2  
 1400 NH ROXBURY: 1000/1000 U1

### GRANTS FOR NEW STATIONS

670 TN FARRAGUT: 500 D1

### APPLICATIONS FROM EXISTING STATIONS

690 WNZK MI WESTLAND: POWER TO 1000 (700 CH)  
 900 KRGB CA WEST COVINA: POWER TO 5000  
 1120 WLJH MS PETAL: CHANGE CITY OF LICENSE TO DENHAM SPRINGS, LA (120 MILES)  
 1140 WCLW OH MANSFIELD: CH POWER TO 450

### GRANTS TO EXISTING FACILITIES

870 KULY WY ORCHARD VALLEY: TO 650 KHZ WITH 8500/750 U2  
 1130 KRDU CA DINUBA: POWERS TO 5000/6200 U4, RELOCATE XR  
 1210 WGSF TN ARLINGTON: ANTENNA TO U3  
 1470 KDUN OR REEDSPORT: TO 1030 KHZ WITH 10000/500 U1  
 1490 KOFE ID ST. MARIES: TO 1240 KHZ WITH 1000/500 U1

### OTHERNESS

770 KPLA CA RIVERBANK: REQUESTS EXTENSION OF CP FOR NEW STATION  
 830 WACN KY FRANKLIN: REQUEST FOR EXTENSION OF CP FOR NEW STATION DENIED  
 880 WRFD OH COLUMBUS: APPLICATION TO RELOCATE XR DISMISSED  
 940 WINZ FL MIAMI: APPLICATION TO CHANGE FROM U4 TO U2 DISMISSED  
 990 WWCN MI YPSILANTI: IS HERE NOW, EX-1520 KHZ  
 WWR5 WI MAYVILLE: REQUESTS EXTENSION OF CP FOR NEW STATION  
 1020 \*App OR CENTRAL POINT: APPLICATION FOR NEW STATION DISMISSED IN SAME ACTION GRANTING KDUN MOVE TO 1030 KHZ AS NOTED ABOVE  
 1580 KOPL CA WINDSOR: REQUESTS REINSTATEMENT OF EXPIRED CP FOR NEW STATION

### REMINDER

CORRECTIONS OR ERRORS IN THE NEW LOG SHOULD BE SENT TO MIKE KNITTER AT HQ. SENDING THEM HERE ONLY DELAYS THEIR ARRIVAL AT THE PROPER LOCATION. CHANGES WHICH HAVE OCCURED SINCE THE LOG WAS PUBLISHED SUCH AS NEW CALLS ON THE AIR, FREQUENCY CHANGES OR NEW ADDRESSES SHOULD BE SENT TO ME. FORMAT CHANGES SHOULD GO TO TONY FITZHERBERT, NOT TO ME. IF YOU SPOT AN ERROR IN THE LOG, THAT INFO GOES TO HQ.

73 AND GOOD DX,

*Jerry & BKF*

JERRY STARR & BUFFALO K. FOONMAN

### Are You Expired?

Take a look at the Address Label on the Back Cover of this issue. Look on the top line. That Date is your Expiration Date. Circle it on your Appointment Calendar. Another way to notice that your about to expire is that about 3 or 4 issues before you are terminated there will be different notices listed to the right of that date. They range from "First Notice" to "Time to Renew" to "Final Issue".

Date Notices  
 Your Name  
 Your Street Address  
 Your City, State, Postal Code

Don't let your flow of useful information be interrupted.

William R. Hale, 9823 N. Meadow, Converse, TX 78109

### SPECIAL

630 KDWB MN ST PAUL - now the oldies channel K-63; is on MMs, no longer NFM (GBS-MN)  
 830 WCCO MN MINNEAPOLIS - noted off this MM; no AK, but rare to even have a chance any more (FM2-MI)  
 870 KPRM MN PARK RAPIDS - 1/20 1714 strong, asking for reports on new 10 kw XR; CP is on (GBS-MN)  
 900 WDDT MS GREENVILLE - 2/2 0200-0230 on w/BLK OLD via satellite; per call, they are on 24 hrs, use 99 watts PSSA; slogan hrd *The Heart & Soul of the Delta, WDDT, Greenville* (AB-TX)  
 920 KDHL MN FARIBAULT - now signs off 2300 Sundays (GBS-MN)  
 990 KGTM TX WICHITA FALLS - 1/5 0330so on MMs; ID ment *less bull, more country*; log sez CHR (GBS-MN)  
 1320 WKAN IL KANKAKEE - 1/20 0302 good w/CFGM; tlk about IL lottery; log says off 0100 (GBS-MN)  
 1330 KSLN MN MINNEAPOLIS - SP is Thursday (GBS-MN)  
 1390 WRIG WI SCHOFIELD - 1/20 1702 ID *The greatest hits of all time on Big Rig...WRIG*; so must be OLD, log says CHR (GBS-MN)  
 1430 KSKS OK TULSA - add slogan *KISS* to log (GBS-MN)  
 1550 KKPE MO CAPE GIRARDEAU - 1/20 1820 o/all, seemed *ROK OLD* (log sez CWM); male DJ into *Cape Radio Nx* by female; on past LSS (GBS-MN)

### DX TESTS

540 KWMT IA FORT DODGE - 1/5 0315 ending ET of CWM & dead air, back to nite pwr & gone (GBS-MN)

### MIDDAY TO MIDNIGHT

536 CJFT ON FORT ERIE - 1/29 2229 good o/"NB" bcn & AP TIS; ID \$53-CJFT; the ID sometimes sez *From the Fort...* (JHD-PA)  
 580 CKAP ON KAPUSKASING - 1/25 2300 way atop w/s/off, mentng everything but CLs (just AM 58); singing *Oh, Canada*; log sez 24 hrs (GC-NY)  
 590 WRTH IL WOOD RIVER - 1/25 2059 WOW, was playing Elvis GOS, then BBD out of nowhere, folo by delicious ID, NBC Nix (CD-TX)  
 610 WUSQ VA WINCHESTER - 1/23 1956 CWM u/WIP in CKTB null which is usually CHR, but had CLA on making others easier; ID w/FM-102, ment Rte 7 (GC-NY)  
 CHNC PQ NEW CARLISLE - 1/30 2255 fair mixing w/WTVN w/CKTB nulled; FF tlk, ID ment *New Carlisle @ 2300* (MS-ON)  
 620 WVMT VT BURLINGTON - 1/30 1812 fair in WTNG (it's WTMJ, John-WRH)-WI null; ID saying CL & city folo by wx (JHD-PA)  
 630 CFBK ON HUNTSVILLE - 1/29 1900 nx, wx (snow w/40), Huntsville HS pgm (JHD-PA)  
 WLAP KY LEXINGTON - 1/30 1752 good; ID *Solid Gold* (JHD-PA)  
 640 WFNC NC FAYETTEVILLE - 1/30 1829 good in WHLO null; ID *WFNC is Bigger & Better* (JHD-PA)  
 WCRV TN COLLIERVILLE - 1/30 1803-17 fair→good w/nx from USA Radio Net, Christian commentary; ID *Your Christian Information 3tn...Collierville-Memphis* (MS-ON)  
 690 WJAX FL JACKSONVILLE - 1/23 1701 way o/CBF w/ad, wx; water temp 55, air temp 49; then ConChr mx (GC-NY)  
 730 WDOS NY ONEONTA - 1/31 1743-45 wx, s/off to return @ 0600; way u/CKAC (TF-CT)  
 740 WPAQ NC MOUNT AIRY - 1/27 1720 w/ID, lcl ads & *Johnny Mathis* mx blowing out CBL (BKF-OH)  
 790 WTAR VA NORFOLK - 1/25 2300 good, w/pips from Cuban; CBS Nx, ID, wx; female gave work & school closings (JHD-PA)  
 810 CJVA NB Caraquet - 1/25 2245 good w/some mixing except in difficult null; discussion in FF about Super Bowl (JHD-PA)  
 WKZN VA CROZET - 1/28 1658 w/lcl ads, ID, & NBC Nx; IDd as *Cro-Zey Charlottesville*; ex:WPED very recently (BKF-OH)  
 830 CFJR ON BROCKVILLE - 1/24 2332 promo for *Brockville Winter Carnival* w/CFJR B'fast, several other IDs; some WCCO noted (PO-NH)  
 850 KFUD MO CLAYTON - 1/29 1746 weak, w/about 3 others; ID *KFUD Radio*; business final @ 1821 (JHD-PA)  
 860 CBH NS HALIFAX - 1/29 1728 good in CJBC null, highlites of *The World @ Six*; pgm reminder w/ment of Halifax (JHD-PA)  
 870 WKAR MI EAST LANSING - 1/29 1715 fair w/Cokie Roberts giving NPR Nx w/item that UFO rpt dismissed as planet (JHD-PA)  
 KPRM MN PARK RAPIDS - 1/27/28 1730 atop freq after WKAR s/off; again hrd for the same 5 minute period 3 times this week; always gone by 1735 (BKF-OH)

4 KAAV MO BETHANY - 1/27 atop briefly 1755 w/ID *Regional Radio Can* & promo for lcl Eagles Club fishing derby, several ads, 1800 ID+ABC N; dual ID for AM, FM as *Bethany-Albany*; suspect 1 Kw CP is on (BKF-OH)

WMTL KY LEICHTFIELD - 1/27 1738 w/Cntry GOS+brief s/off 1745, ex: 1580 (BKF-OH)

910 WRNL VA RICHMOND - 1/29 1705-12 good w/canx notices, ID ment *Billy Williams* on *WRNL*; mx sounded more like MOR than log-listed CWM; ID jx @ 1710 (MS-ON)

950 WSPA SC SPARTANBURG - 1/22 2024 u/WDBE/WVJ w/CHR; ment Spartanburg; new (GC-NY)

960 WELI CT NEW HAVEN - 1/22 2005 booming in o/all like a lcl w/ments of blizzard warning, emergency parking rules, ads; must still have been on day DA (GC-NY)

990 CBW MB WINNIPEG - 1/30 1928 good; end of *The World @ Six*; ID *This is CBW, Winnipeg*; temp -60 (yeah, and that's centigrade, too...brrr-WRH); As *It Happens* (JHD-PA)

WZZD PA PHILADELPHIA - 1/29 1557 good, w/no WVSC; ad for chiropractor in Huntington Valley; ID & jx (JHD-PA)

1000 WCMX MA LEOMINSTER - 1/29 1657 weak u/WCFL; ID, CWM, ID, nx by female (JHD-PA)

1010 CFRB ON TORONTO - 1/24 1602 Canadian nx; v/strong o/WINS, no WCNL noted @ all (PO-NH)

CBR AB CALGARY - 1/18 1841 w/usual CBC-type stuff, surprisingly early for this! SSS actually; some KLSS QRM; what's KLSS's PSSA pwr?? (FM-IL)

1030 WYSL NY AVON - 2/1 1425 w/teletalk pgm on health; 1430 ID *Talk Radio 10-30 WYSL, Avon, Livonia, Genesee+ABC Sps*; brand new stn, modest QRM from WBZE, no WBZ this early; the A in Avon is pronounced like *Avenue*, not like 'Ding-Dong' (BKF-OH)

WBZE MD INDIAN HEAD - 1/24 1646-1702 good w/WBZ nulled w/2 preachers discussing evangelism, lcl ads @ 1653; asked for phone calls @ 202-265-7070; bible offer (MS-ON)

1040 CHR5 ON LONGUEUIL - 2/1 1556 atop w/several POP OLDies in EE, nx in FF 1600; hourly ID consists of the sound of a ship's whistle & only *CHR5* sung by females in FF, no location: 1st time here (BKF-OH)

1050 WSKE PA EVERETT - 1/24 1605 ABC Sps, ID, lcl nx, lotto #s (no, I didn't win!) (PO-NH)

1060 CFCN AB CALGARY - 1/19 1837 o/all w/ROK & *Calgary's All-Hit Radio AM 106*; promo for *CFCN Evening Nx @ 6*; MST TC (GBS-MN)

WFLE KY FLEMINGSBURG - 1/30 1710 poor w/KYW; ID w/ment of KY Net (JHD-PA)

WHFB MI BENTON HARBOR - 2/1 1707 weak, mixing w/KYW; Clear w/legal ID (JHD-PA)

1080 WEEP PA PITTSBURGH - 1/25 1655-1701 OLD, ID *WEEP, your favorite oldies*; weak in WTIC null (TF-CT)

KWJJ OR CALGARY - 1/18 1945 pwr cut right in middle of *Juice Newton* tune; phoned them & verified it was them; new, & one of my best SSSers ever (FM2-MI)

1090 KAAV AR LITTLE ROCK - 1/24 1722-26 o/CKKW, WBAL strangely absent; GOS mx, ments of Little Rock (GC-NY)

1110 CKJD ON SARNIA - 2/1 1733 good in WBT null; ID *Sarnia CK*, giving legal ID later (JHD-PA)

1120 WYNO OH NELSONVILLE - 1/24 1643-51 CWM, IDs for *Radio 11*, ads (TF-CT)

1130 WEEQ PA WAYNESBORO - 1/26 1710-16 slogan *music you grew up with*; extensive NWS rpt; o/WASP s/off in WCXI null; ID *11-30 WEEQ Waynesboro, PA*; #103 (GC-NY)

WISN WI MILWAUKEE - 1/26 1742 well o/WCXI w/tlk, TC *17 minutes before 5 @ WISN*, more tlk; new (GC-NY)

WCXI MI DETROIT - 1/24 1626 wx, CWM; fighting WNEW, and winning (PO-NH)

1160 WKCM KY HAWESVILLE - 1/22 1850 mixing w/WAMB w/ad for *Charlie's Auto Parts*; 1st time for both on nite pwr (GBS-MN)

KFHM TX SAN ANTONIO - 1/21 1849 fair w/ranchera mx (SS polkas) (they call it *Tejaño* mx, George-WRH); ID *La M Grande* (GBS-MN)

1190 WBDY VA BLUEFIELD - 1/24 1700 booming in, no WHAM slop, no WOWO w/*The winning sound of country, FM 106 WBDY Bluefield/Princeton/Tazewell* folo by NWS (GC-NY)

WLIB NY NEW YORK - 2/1 s/off o/looped WOWO 1815 w/promo for *107.5 FM WBL5*, NY's only Black-owned radio station, XR in Lyndhurst, NJ; not all that common here & only NYC Metro not varied, despite numerous rpts o/the years (BKF-OH)

1200 KNOX MA FRAMINGHAM - 1/28 1606 (d'ya mean WKQX, John?-WRH) v/good w/lcl nx of NASA memorial in city; ID, wx, tlk show w/theme: *NASA a Year Ago* (JHD-PA)

WAYD AL OZARK - 1/23 (no time) GOS, female anncr into s/off; thought sure I'd finally bagged KFNW, but per call to stn (5) KFNW goes DA north from LSS+midnight s/off, so that's that; anyone for a game of chess? (CD-TX)

1210 WGSF TN ARLINGTON - 1/20 1814 v/good w/ROK OLD, jx; gone @ pwr cut (GBS-MN)

KCLG UT WASHINGTON - 1/20 1920 good o/all w/CWM, ad for *best gun show in S. UT* (GBS-MN)

1260 WNRK DE NEWARK - 1/26 1649 o/CWM stn w/CHR mx & canx due to snow (GC-NY)

WMMHt CT WESTPORT - 1/24 1735 tent; no ID, but ment of *140 in downtown Westport* + ads for Norwalk area (PO-NH)

1290 WIRL IL PEORIA - 1/30 1732 weak w/WFBG; ID folo by trfc rpt (JHD-PA)

1310 WFFG FL MARATHON - 1/23 2105 *Keys Country, WFFG, AM-13*; many ments of *Keys*; played *Key Largo* for folks in Key West; CWM?... 1/27 1833 all by its lonesome @ 10/9 w/CWM & fishing rpt (CD-TX)

1320 CFGM ON RICHMOND HILL - 1/27 1927 CWM; ID & TC; PSA for *Widow & Widowers Club*; fair+good (CJ-TN2)

1340 WMID NJ ATLANTIC CITY - 1/24 1650 Chuck Cecil's *The Swingin' Years* breaking thru GY clutter; 3 solid IDs hrd (PO-NH)

1350 WFLS VA FREDERICKSBURG - 1/21 1701 fair w/AP & lcl nx ment *WFLS Nx Continues*; wx 410 (MS-ON)

WBEM PA WINDBER - 1/21 1705 poor *WBEM Nx*, lcl wx (MS-ON)

CJLM PA JOLIETTE - 1/31 1903 poor w/sps, ID in FF (MS-ON)

1380 WTVR VA RICHMOND - 1/25 1806 way o/ WKDM w/school closings, ID *WTVR FM 98* (can't find "FM 98" for Richmond); ments of MBS, *Country Gold* (GC-NY)

WLRV VA LEBANON - 1/24 1733 o/CKPC w/wx 4cast +OLDies (GC-NY)

1390 WELP ME PRESQUE ISLE - 1/24 1711 ROK mx, ID; lost to WMZQ; WFBL silent, so opens this freq (TF-CT)

WRSC PA STATE COLLEGE - 1/16 2329 *More Mx...WRSC* jx only up thru WDOT (PO-NH)

1420 CJMT PQ CHICOUTIMI - 1/24 1707 FF tlk, OLD; v/good (PO-NH)

1430 WIRE IN INDIANAPOLIS - 1/29 2218-35 poor u/CJCL w/CWM, ID @ 2335 *1430 Country WIRE* (MS-ON)

1470 WLAM ME LEWISTON - 1/24 1743 OLD, lcl Super Bowl b'cast promo; WLAM Nx promo; local ads (PO-NH)

1480 WLEA NY HORNELL - 1/24 1724-33 NBS (you mean NBC?-WRH) sps, ID oldie; not hrd since PA days (TF-CT)

1490 WOHI OH EAST LIVERPOOL - 1/27 1553 strong in WBTA null w/ment from WKBK; CLS (?-WRH) + OLD by Beatles (GC-NY)

1500 KSTP MN ST PAUL - 1/20 2312 Tx (?-WRH) @ Northstars HKY; 2males; ID, ad & fadeout; poor+fair, much static (CJ-TN1)

1510 WAHT PA ANNVILLE-CLEONA - 1/31 1703-30 w/WMRE silent, this fellow dominates freq here; ID *1510 WAHT*; w/OLD (TF-CT)

1550 WBSL SC BENNETTSVILLE - 1/31 1750-1805 EZL, ad for fish mkt, MBS Nx @ :00; lost to CBE & WGAB (TF-CT)

1570 WQTW PA LATROBE - 1/24 2150 OLD; *Solid Gold on 16-Q* atop freq to 2200 w/Montreal nulled (TF-CT)

1590 WSMN NY NASHUA - 1/18 1716 ID, *Pet Clark* rcd; *Only Stn in Nashua*; lost to WQQW (TF-CT)

2980 WCKO MS VICKSBURG-JACKSON - 1/28 2255 that it was a pirate, but hrd 97-CKO ID @ 2300, CWM; 2nd harmonic of 1490 in @ S9+10 (CD-TX) (CD, you sent this to the right place, as there isn't a column for harmonics, yet. But Mikee is working on it. He's trying to get either *Merle Harmon* or *Harmony Smurf* to do it-WRH)

#### MIDNIGHT TO MIDDAY

530 CFHS ON FT FRANCIS - 1/16 0354 goodw/CJFT QRM, repeating tape loop ments ON travel, int'l bridge, parks, CFOB, CLs; new (FM1-OH) Also 1/18 1820 w/same (FM2-OH)

560 WEBC MN DULUTH - 1/26 0225 u/TT in WGR slop w/ID, promo for *Bruce Williams & Talknet*; ROK mx; new (GC-NY)

630 CFBK ON HUNTSVILLE - 1/24 0004 fairw/CBC Nx, lcl wx w/overnite low to -26C, temps @ other cities, into lcl sps (MS-ON)

930 WCNR PA BLOOMSBURG - 1/26 0610 xint in WBen null w/cer ad for dir in Bloomsburg (GC-NY)

1080 KVNI ID COEUR d'ALENE - 1/19 0100 *the stn that grew up w/you* (is that original, or what?-WRH) & ment of 24 hrs @ 0200; dominant all AM, wire gave good nulls; ID @ :00 (FM2-MI)

WKGX NC LENOIR - 1/26 0517 o/WTIC w/wx & winter storm warning; slogan *K-Country \$, WKGX* (GC-NY)

1170 WBRW NJ BRIDGEWATER TWP - 1/26 0640+ at times almost even w/WWVA; extensive snowstorm rpts; maybe on early for emer (GC-NY)

1240 WOBT WI RHINELANDER - 1/16 0305 faded up for ID & *Your oldies stn*; ROK OLD (FM1-MI)

1250 CHSM MB STEINBACH - 1/16 0146 CLA mx # 1220; new, tried for many times in the past; NSP (FM1-MI)  
 1290 WCHY GA SAVANNAH - 1/30 0400 surfaced w/clear ID + temp 550 (GM-CT)  
 WRCP RI PROVIDENCE - (no date, time or details) (GM-CT)  
 1320 WATR CT WATERBURY - 1/26 0633 o/GY-like mess w/nx 'bout snowstorm; ment WATR Storm Watch Center; finally got this (GC-NY)  
 1370 WGTC IN BLOOMINGTON - 1/30 0846 good in WKMC null; soft ID; contest announced (JHD-PA)  
 1410 WHAG MD HALFWAY - 1/28 1055 goodin KQV null; ID folo by city of Hagerstown (JHD-PA)  
 1420 WKCW VA WARRENTON - 1/31 0622-50 CWM, Big X IDs, loads of ads for car dirs; way atop (TF-CT)  
 1490 WXIT WV CHARLESTON - 1/26 0411 xlnt for GYer o/WBCB/LK w/CWM, CLs w/ment of upcoming road condition rpt (GC-NY)  
 1550 WOKJ MS JACKSON - 1/26 0100 atopw/ID WOKL Jackson, MS, then nx, BLK OLD (GC-NY)  
 WGAB CT BLOOMFIELD - 1/26 0106 ID u/WOKJ; MBS Nx→Best of King (GC-NY)

**UNIDs and INIDs ID'd**

730 UNID ?? - 1/26 0500 EZL, NBC Nx; could be WNSK (GC-NY)  
 990 UNID ?? - 1/20 2028 TX (?-WRH) show & closing theme; 2030 This is CBC Radio; battled w/lcl WQAM (CJ-TN) Chris, it was probably CBW-Winnipeg; yuneeda new log-WRH)  
 1100 WSWF NY SENECA FALLS - mentioned in Ernie Cooper's musing in issue 16 is probably WSWF. Seneca Falls is very close to Wayne Cnty, NY (east of Rochester) who has an FMer on 99.3(GC-NY)  
 1180 UNID ?? - 2/2 0110 weak EE tele-tlk pgm u/WHAM, female moderator or guest, several ments of NHL scores; has a Canadian sneaked onto 1180 unannounced? (BKF-OH)  
 1220 UNID ?? - 1/26 1702 BBD/MYL/NOS-like mxu/CHSC (GC-NY)  
 1340 UNID ?? - 1/26 0443w/ID Oldies Channel, probably satellite-fed; lost @ 0445 to lcl WLVL s/on; anyone know who carries this on 1340? (GC-NY)  
 1580 WVKO OH COLUMBUS - hrd by JH (issue 15) is no doubt WVKO, Columbus which now has their nite operation on the air; Columbus is Ohio's Capital City and many stns call it that (BKF-OH)

**PI-Rates**

1630 "WHOT" NY BROOKLYN - 1/25 1st noted w/bcnQRM 0130, still on @ 0430 check w/OLD & many phone calls sounding like friends in Brooklyn w/1 from VT; homemade jx, some good, some not(JS-OH)

**Notes and Comments**

■ I have taken the liberty to ID two loggings from Gary Mitchell reported as UNIDs, both on 1290. He reports hearing "WHCY", whereas in issue 17 JS reported WWSA Savannah switching to "WCHY". This might have been a case of transposing the C & the H in AMS, or Gary might have heard WCHY and that he heard WHCY. I believe that one will sort out eventually. Gary also reported hearing FM-Y94-Rhode Island on 1290. Well, there's a 94.1 in Providence, so using a bit of logic, I IDd it as WRCP. Next patient, please. (WRH)

■ Good to hear from new (to this editor) contributors Gary Mitchell, Frank Merrill, Patrick O'Connor, John Demmitt, Chris Johnson & Buffalo Foonman. Frank, of McComb, IL sez it's been 10-15 years since he last reported. And he had to go all the way to Michigan to come up w/some catches!

■ The question keeps coming up what I consider 'DX'. I thought we covered that many moons ago, but will skim the basics for the newcomer. 'DX' is roughly defined as non-regular reception of, in our case, a radio signal. Not what you normally hear at high noon on a Summer day. Not what regular sky-wave finds its way to your den. Certainly not a 1-A Clear two or three states away. If you hear a stn, report it, and hear it again on a regular basis, it's not DX!, and shouldn't be re-reported. You know the saying, *Different strokes for different folks*. But those are the basic rules. The rebuttal line is forming already, step right up, Pilgrim.

**Reporters**

GBS-MN George Sherman//Burnsville, MN//R-1000 + RW Loop  
 TF-CT Tony Fitzherbert//Fairfield, CT//ICF-S5W  
 GC-NY Greg Coniglio//Clarence, NY//  
 FM1-MI Frank Merrill//@ Toledo, OH//R-1000 + 666' NNE-SSW LW  
 FM2-MI Frank Merrill//@ Sylvania, OH//R-1000 + 1350' NW-SE LW  
 BKF-OH Buffalo K. Foonman//Hubbard, OH//  
 CD-TX Conrad Durocher//Houston, TX//R-2000 + 700' LW, 100' window, 3-4' ground rods, TUN-3, empty wallet

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

If you live in the Mountain or Pacific time zones, send your tips to DDXD-West. Use one side of the paper, Eastern time. Deadlines are Saturdays.

**\*\*SPECIAL\*\***

800 KNKK UT BRIGHAM CITY - 2/2 1949 country music, "KNKK" and DJ patter, more country music. 1952 "Keeping it country on KNKK." Matches the Transtar satellite format. Fair in null of unID music station. New. (BH-WA) (Ex-KFRZ/KBUH.--NH)

**DX TEST**

1380 KLPZ AZ PARKER - 1/31 0231 fair signal u/KOTA with NRC Test. Beach Boys songs, voice ID & brief tone after each song. First time heard with this call, ex-KZUL. (ØW-CO)

**MIDDAY TO MIDNIGHT**

540 KNAK UT DELTA - 1/22 1920 pop and country music to 1903 weather, ID: "540 KNAK, All-Star Country...where the music is always better," then more music, ads past 1950. Fair at best with CBK nulled. (ØW-CO)  
 770 CHQR AB CALGARY - 2/2 1911 fading in under KRPM, news, sports, Calgary ads, "That's the NHL Report on QR-77." More ads, traffic report "on QR-77," AdCon music 1915. By 1924 was booming in with a nice "QR-77" jingle between songs. Will count this as positive logging with all the Calgary mentions, even without the CHQR calls. Was uncommon on 810 thanks to KGO. (BH-WA)  
 850 CFVR BC ABBOTSFORD - 1/29 1800 ad for sidewalk sale at the Westhouse Mall. Time check of 3 o'clock and CFVR-850 ID. Then into local news read by Peter Sawatsky. Fair. (MJS-AB)  
 870 CKIR? BC INVERMERE - 1/29 1810 plug for regular feature which gives the snow conditions at all of the favoured ski areas after the 7 o'clock news every morning on Columbia-Shuswap Radio. Fair. Much slop from CHQT-880. (MJS-AB)(Mike, you had this listed as CFBV Smithers, BC. However, "Columbia-Shuswap Radio" would be CKIR.--NH)  
 890 CJDC BC DAWSON CREEK - 1/29 1751 CJDC-890 ID. Ad for local SPCA, call 782-5015 for more details. Ad for hockey game tonight between the NHL Old Pro's and the Dawson Creek Senior Canucks at the Memorial Arena. Into DeBarge song. Not listed in the new NRC Log. When did it move here from 1350 John Oldfield? Good. (MJS-AB) (CJDC moved in Jan., I believe.--NH) 2/2 1957 booming in with classified ads by telephone. 2000 full-data ID, DJ gave phone numbers & took more calls. WLS in their null! New, recently moved from 1350. (BH-WA)  
 940 KDEO HI WAIPAHU - 1/23 2232 noted off the air. Per station, there was some equipment failure. They came back on the air around noon 1/24 (1700EST). (5P-HI)  
 1100 KIIO CO GRAND JUNCTION - 1/29 1900 EZL music with "KIIO-AM & KVEE-FM Grand Junction" ID on the hour. Then into CBS News. Good. Dominates the channel here around SS. (MJS-AB)  
 1210 KREY WA SUNNYSIDE - 1/29 2000 5pm time check and "KREY Sunnyside" ID and downtown temperature of 38 degrees. Then into CBS News. First time here for more than 3 years. Fair. (MJS-AB) (The last I knew, this was KREW. Perhaps you got KREW & KASY crossed somehow??--NH)  
 1350 KRLC ID-WA LEWISTON-CLARKSTON - 1/29 1727 local ad, IDs as "1350 KRLC, Solid Country Gold." Fair. NOT listed in new NRC Log. (MJS)  
 1360 KICX NE MCCOOK - 2/5 1542 woman DJ playing a mixed bag of music, i.e. Charlie Rich's "Behind Closed Doors," followed by a 1960's Young Rascals hit. Spot for American State Bank. Signal not very strong, but dominant. (ØW-CO)  
 1380 KRKO WA EVERETT - 1/29 1719 time check & ID "3:19 at KRKO," then into Chicago song. Poor. Listed as KRFE in new NRC Log. (MJS)  
 KRPE WA EVERETT - 2/6 2000 "KRFE Everett" ID into AP Network News. (NH-WA) 2/8 2051 Everett ads, time check, DJ said "Another 6 hours and 9 minutes, and we will be KRKO." Into Gary Owens oldie program. So change back to KRKO will take place 2/10 0300 (local midnight). (BH-WA)

⑧

1400 CFYR AB WHITECOURT - 1/30 1600 "Your Radio of West Central Alberta is Yellowhead Radio" ID on the hour. Into Donovan record. Parallel to CJYR-970 Edson. Not exactly DX for me as it is my closest station at 50 miles, but I've never seen it reported here before. Poor with much powerline noise. (MJS)

1450 KGIW CO ALAMOSA - 2/3 1530 variety of SS music, ranging from Julio Iglesias to mariachi, SS DJ, to 1600, no ads. 1600 Ai news. Fair-poor in KATR null. 1st time logged at mid-day. (BW-CO)

1460 KKOA NE KFAIRNEY - 1/25 1537 pop songs, Alka-Seltzer ad. 1557 ID as "KKOA, 1460 AM, your Oldies Channel in Kearney," then more music played by DJ Tom Murphy, no news break at 1600. (BW)

KLTC ND DICKINSON - 1/25 1450 polka music, ID at 1500 & faded. Another surprise mid-day log, several hundred miles distant. (BW-CO)

CJMH AB MEDICINE HAT - 1/29 1925 weather forecast for Alberta. Didn't hear any ID but it had to be this one as it is // CBR-1010 Calgary. First time here for quite a while. Good. (MJS-AB)

1480 KAYK CO PUEBLO - 2/3 1441 Licorice-stick number by Goodman; other big-band stuff to 1502 ID, ABC News. One ID went: "You're listening to Cake Radio, playing America's Standards at 1480 AM, K-A-Y-K." New, CO #72. This was my closest unheard on a non-GY freq. KRAE Cheyenne dominates here on 1480. (BW-CO)

1500 CKAY BC DUNCAN - 1/29 1841 time check of 19 before 4 o'clock at CKAY. DJ talked about the Chinese year of the Rabbit. Ad for General Paint from Bryant, The Paint Experts. Poor with much KGA-1510 slop. (MJS-AB)

1530 KFBK CA SACRAMENTO - 1/29 1838 ID & time check. This is one of the first Californians to reach here in the evening, though 1838 is a good 1/2 hour before SS here. It has also been logged here at mid-day when it's been snowing hard. Poor. (MJS-AB)

1560 KFRS WA SUMNER - 1/29 1828 "1560 KFRS" ID suddenly popped up out of the noise. Second time here with just an ID. First heard 4 days ago & been trying ever since for more for a report. Need more than an ID! Poor. (MJS-AB)

MIDNIGHT TO MIDDAY

650 WKKQ MN NASHWAUK - 1/31 0905 area weather, ad for Jacobsen's. Alone on freq, tho not strong. (BW-CO)

720 KSAH TX UNIVERSAL CITY - 1/30 0902 SS/EE ID "Esta es Radio Festival, la nueva imagen del radio en San Antonio. K-S-A-H, Universal City-San Antonio," then news, weather, concert ad, all in SS. Anncr was Gregorio Gonzales. Fair-good signal with slop from local KNUS-710. New, TX #77. (BW-CO)

760 CKQR BC CASTLEGAR - 1/30 0115 local sports update, local weather by Jim Fishwick. "...in the Kootenay's CKQR" ID. Completely dominating the channel, not bad for a listed power of 250 watts. (MJS-AB)(U2 20000/10000, per Kanadian Korner.--NH)

890 KDXU?UT-NV ST. GEORGE-LAS VEGAS - 1/28 0326 very faint Top 40 music, possible talk by DJ, then "Freedom Overspill" by Steve Winwood. Very poor, KNUI-900 QRM. Tentative. (SP-HI)

940 KPRE CA FRESNO - 1/24 0427 noted after long absence with C&W, female DJ with muffled talk giving weather & time check, then C&W song by woman. Very poor with local QRM. (SP-HI)

990 KHVH HI HONOLULU - 1/21 0636 with test tones on & off, leaving OC. I wish KKIS could come in! (SP-HI)

1230 UNID 1/30 0932 someone went into Mutual's "America in the Morning" which would appear to be a local delay & is probably regular. Not KRDR which ID'd shortly thereafter. (BH-WA)

1290 KOIL NE OMAHA - 2/2 0207 rock oldies, mostly 1970's-type. No ads heard; 0300 weather, then album side from 3 Dog Night. "Vintage Coil" slogans. 50% copy, o/u KCUB. (BW-CO)

1340 KIH? OR HOOD RIVER - 1/30 1002-1025 tentative with long local news-cast, references to Columbia Gorge, ads for Hood River, but no call letters. Now that night power is 1kw this should get out better. Most previous loggings here were using 1kw, was rare on 250w. Good to fair, over & under KWWW/KOTY/etc. (BH)

KWWW WA WENATCHEE - 1/30 0824 American Top 40 promo by Casey Kasem, tagged by woman "Sunday 6 to 10...on K-W-3." Didn't catch if 6-10am or 6-10pm. Atop jumble. (BH-WA)

1400 KTRC NM SANTA FE - 2/2 0124 notice of free tax service sponsored by AARP, then EZL piano number on "Unforgettable K-T-R-C." Fair in QRM. (BW-CO)

1420 KITI WA CENTRALIA-CHEHALIS - 1/30 0203 was listening to KUJ when it faded out & up popped a "KITI Centralia" ID. Nothing else. Then gone. Poor. First time here. (MJS-AB)

⑨

1440 CFCP BC COURTENAY - 2/1 0838 good with the "All Night Network" which originates at CKNW-980. AdCon music, woman DJ, network ads, then an ID for CFWB-1490 and CFCP, and back to music. Way o/KVON's Sunday morning Spanish Ranchera music program. (BH-WA)

1450 KFST CA SAN FRANCISCO - 2/2 0626 quick ID surfaced atop KGRZ and others, believe they had soul or Gospel music. (BH-WA)

1480 KAAR WA VANCOUVER - 1/29 0848 good atop KRXR/KYOS with Led Zeppelin album track, "1480 Car Radio, the best rock classics." Not there 0825 so must have an odd s/on time like 0830 or 0845? (BH-WA)

1490 CFWB BC CAMPBELL RIVER - 2/2 0619 weak but definite ID during break in the "All Night Network," simulcast with CFCP-1440 above. Through KBZY/CK00-1/others. Local KGHO off. (BH-WA)

1500 KSTP MN ST. PAUL-MINNEAPOLIS - 2/2 0633 good in CKAY null with nice two-city ID during morning news block. Hasn't been heard since 1985 thanks to local KGHO-1490 which was NSP. (BH-WA)

1530 KFBK\* CA SACRAMENTO - 2/1 0736 noted with AdCon instead of Talknet, & music was cutting in and out like technical adjustments. Went completely off 0737, leaving just KSGO-1520 slop. Noted back on RS with Talknet 0757. (BH-WA)

KCLR TX RALLIS - 1/26 0712 Ranchera & nortena music 0712-0757. Only 2 ads during this time, both for a La Sombra concert. Uses two slogans: "Radio Quince Treinta" (Radio 1530), and "Radio Rodriguez." 0757 ID as "KCLR Ralls-Lubbock." Fair-good in WCKY null. (BW-CO)

1550 KKHI CA SAN FRANCISCO - 2/1 0900 good with KVAN off, classical music show "Music Till Dawn" ending, announcer said "Tune in tonight at midnight," confirmed Monday 2/2, KKHI is 24 hour NSP now. (BH-WA)

1580 KZIA NM ALBUQUERQUE - 1/27 0900 CBS News followed by Joe Monahan with local & regional news. Good with XEDM QRM until 0915, when KPIK powered up and took over. Verie rec'd after years of trying. (BW-CO)

REPORTERS

BH-WA/Bill Hardy, Aberdeen, WA/FRG-7, Radio West loop  
 NH-WA/Nancy Hardy, Aberdeen, WA/FRG-7, Radio West loop  
 SP-HI/Dale Park, Honolulu, HI/Realistic Minisette 16  
 MJS-AB/Mike Stonebridge, Fox Creek, AB  
 BW-CO/John Wilkins, Wheat Ridge, CO/R-1000, R-390A, 4' box loop

L428

TODAY-IN-MUSIC-MORE  
 XXX GRAMMY-WINNING SONGS.  
 -29-  
 A SAND SPRINGS, OKLAHOMA, DISC JOCKEY WAS FIRED FOR A RECORD HE MADE SATIRIZING EVANGELIST ORAL ROBERTS, WHO CLAIMS HE WILL DIE IF HE DOESN'T RAISE EIGHT-MILLION DOLLARS BY MARCH.  
 MARK MAXEY-- KNOWN TO LISTENERS AS MARK DOUGLAS-- WAS FIRED (FROM K-T-O-W) AFTER HE MADE A RECORD TITLED: "THAT'S THE WAY IT IS, BY GOD." THE RECORD FEATURES FICTIONAL ROVING REPORTER BILL BOO INTERVIEWING ROBERTS, HIS WIFE AND THE DEVIL. IT'S IN THE FORMAT OF A MAN-ON-THE-STREET QUESTION-AND-ANSWER SESSION, WITH POPULAR SONGS DUBBED IN FOR ANSWERS.  
 MAXEY SAYS THE RECORD COST HIM HIS JOB AFTER HE PLAYED IT ON THE AIR. MANAGEMENT REPORTEDLY TOLD HIM THE LEGALITY OF THE TAPE WAS QUESTIONABLE. THE RECORD SHOULD BE AVAILABLE IN OKLAHOMA STORES BY FRIDAY, AND TO PROVE HE'S "NOT A BAD GUY," MAXEY PROMISES TO DONATE 10 PERCENT OF THE PROFITS TO ROBERTS' MISSIONARY FUND.  
 MAXEY SAYS HE WOULD LIKE TO PRESENT THE CHECK TO ROBERTS PERSONALLY.

-29-

END TODAY-IN-MUSIC

UPI 01-29-87 01:08 AES (ND/Ampt 6.3) VIA WENDELL FORD

## INTERNATIONAL DX DIGEST

Chuck Hutton, 437 Hardendorf Ave., Atlanta, GA 30307

404-633-1198 Before 2300 ELT

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

- 162t USSR Tashkent 1/3 1843 male and female opera type singers // 189 (program 2, not listed in WRTH). (Vernon)
- 162 FRANCE Allouis 1/5 0550 male w/FF talk, fair signal. (Vernon)
- 171 USSR Syktyvkar etc. 1/3 1851 male w/RR talk, fair sig. (Vernon)
- 177 EAST GERMANY SDDR Oranienburg 1/5 0550 woman, GG talk fair. (Vernon)
- 218 MONACO RMC Roumoules 1/5 0551 woman and man FF anncrs, brief electronic tones then woman anncr, fair sig. (Vernon)
- 236 USSR Arkhangelsk etc. 1/5 0550 band mx // 171, good signal. (Vernon)
- 272 CZECHOSLOVAKIA Topolna 1/5 0555 light orchestral music, fair good signal. (Vernon)
- 281 USSR Minsk 1/5 0548 male singer, very good signal. (Vernon)
- 612 MOROCCO Sebaa Aioun w/FF male reading nx, occasional items by lady, both days, 1/17 2201 2215 and 1/24 2203 2212. Poor on 1/17; fair on 1/24. Both days it faded under slop-over from local CFCF-600. (Rugg)
- 620 ALASKA KPEN Homer 1/11 1709 male mentioned KPEN and KGTL FM then religious program, usually country music, IDs as "Alaska's Hot Country". (Vernon) But nobody in Alaska knows what "hot" means Chuck
- 657 USSR Murmansk 1/5 silence just before 0520, woman anncr briefly then male till faded at 0536, other reports from male anncr, was quite readable during peaks, QRM from KPAR-KYAK jammers, cassette report sent. 1/7 xlt signal 0502 // 765 program one. (Vernon)
- 700 JAMAICA JBC Montego Bay 1/20 2339-2346 good o/u WLW w/reggae, doo-wop oldies, ads. (DeLorenzo)
- 729 UNITED ARAB EMIRATES Sadiyat 1/10 1823 AA mx, very clear audio, good signal, just amazing // 1314. (Vernon)
- 765 USSR Medvezhyegorsk 1/7 0427 woman anncrs, listed w/local pgm, 0429 silence, 0430 woman mentioned music to follow, band mx, good signal, noted earlier 0415-0422 poor signal, brief silence at 0419 then woman with "Govorit Petrozavodsk" ID, cassette report sent but very little hope of reply. (Vernon)
- 783 USSR Kazan 1/10 1840 poor signal nut // 171, 765. (Vernon)
- 801 USSR Leningrad 1/7 0413 Leningrad IS (have not heard it anywhere else), 0413 ID "Govorit Leningrad", instrumental music, 0415 female anncr, mentioned "Leningrada Programma" or similar, local-like signal, xlt tape, cassette report sent last year with zip so far.... (Vernon)
- 846t IRAQ 1/11 1745 male sainging, good signal but faded fast, seemed // 909 but went before 100% sure. (Vernon)
- 909 IRAQ Hurriyah 1/11 1744 male AA singing // 1197, 1747 went into propaganda with "Home-main-eee" mentions, 1749 AA war drums, good-xlt sig. (Vernon)
- 910 ALASKA KIYU Galena 1/10 1703 male anncr, local pgm "Flight Line", 1704 ID "KIYU Radio 910". (Vernon)
- 963 FINLAND Turku 1/3 2244 male anncr, EE service, mentioned a July closing day for a Finnish ambassador, then comments about South Africa. Reception not improved here yet, Caroline Monique still most dominant. (Vernon)
- )
- 999 ENGLAND IBA stn 1/2 0239 male reading a story called "The House" noted u/COPE stu, 0253 commercial, but just too weak to copy. (Vernon)
- 999 ENGLAND BBC stn 1/5 0429 Bonnie Tyler mx, poor but // 693, 882, 909, 1026, 1341, 1368, 1485 and 1548, plus 2 more hours and some would have gone local, darn! (Vernon)
- 1017 TURKEY Istanbul 1/4 1701 woman anncr // 954, both xlt sigs, also // 1062, 927, 891 noted. (Vernon)
- 1035 UNID 1/3 1750 male AA type talk, could find no //, has Oman had a power increase yet? (Vernon)
- 1062 DENMARK Kalundborg 1/2 0732 male w/world nx in EE, is listed in WRTH, never heard it before, local this time of year. (Vernon)
- 1107 USSR Lithuania 1/9 0301 USSR anthem also // 1512, 1557, 1350 but went into Lithuanian anthem 0303, 0306 woman anncr, good signal. (Vernon)
- 1152 USSR Khanty-Mansiysk 1/2 1659 Mayak IS noted u/Romania, new here. (Vernon)
- 1152t IRAN Tabriz 1/4 1805 male w/singular tone (or solemn) type talk, high noise level but fair signal. (Vernon)
- 1179 SWEDEN RSI Solvesborg 1/9 1602 male EE service, budget details, 1604 weather (-22 C), local signal this time of year. (Vernon)
- 1205 CAYMAN ISLANDS R. Cayman 1/19 0140 good w/light instrumental "island" music // 1555. (DeLorenzo)
- 1224 IRAQ Nasiriya 1/4 1755 noted // 1197 for first time here, other AA type QRM noted also. (Vernon)

- 1251 HUNGARY Petofi R. Siofok 1/4 1706 male anncr then rr mx, // 1188, sounds like a EE Top 40 stn at times. (Vernon)
- 1269 WEST GERMANY DLF Neumunster 1/3 1839 sounded like GG/EE lessons, checked 1539 KHz, was in FF. (Vernon)
- 1314t NORWAY Kvitsoy 1/19 2321 2347 probably the TA here at fair strength w/man in FF or similar language through considerable WDDO 1310 splatter; also noted 1/11 2355 2358 apparently w/rock mx but WDDO 1310 was outrageous. (DeLorenzo)
- 1368 UNID 1/4 c1741 Hindi type mx, no idea who this is, unid JJ stn here too, what a freq! (Vernon)
- 1395 ALBANIA Lushnje Foreign Service 1/8 2233 woman with EE nx, xlt sig, ascent not easy to understand though. (Vernon) I/10 2300-2306 fair w/man in PP? // 9500; I/11 2347 2352 fair w/man in unid lang and light instrumental mx, not // 9500 this time; most consistent TA here. (DeLorenzo) And not even in my top 10 here (80 or so miles away) with no local problem or anything like that to account for it. But 11 years ago during the last minimum sunspot thing it was my most regular. How about that? Chuck
- 1404 GUINEA 1/11 2330 FF // 4900 mainly talk by man, bits of African music, poor signal, faded in and out. S/off 0001. First time heard here. (Wasylik)
- 1413 YUGOSLAVIA Pristina 1 1/9 1559 has a sort of flute IS, 1600 bong, don't recall hearing the IS before at all. (Vernon)
- 1458 ENGLAND Carlisle 1/12 0629 R. Cumbria s/on, mention of "The voice of the county". (Vernon)
- 1467 MONACO TWR Monte Carlo 1/3 2254 male w/EE religious program, 2258 woman mentioned her last program, address given as Rapatee, Eastbourne, England. 2300 male w/another EE pgm "World of Songs" for 1/2 hour, this not listed in WRTH. (Vernon)
- 1530 USSR unid TA 1/10 1859 Mayak IS noted u/Vatican. (Vernon)
- 1557 MALTA R. Mediterranean, Cyclops 1/3 woman with EE pgm, popor sig, talk of some 1980 independence. (Vernon)
- 1570 TURKS AND CAICOS Atlantic Beacon 1/19 0016-0021 loud well atop w/Christian program. (DeLorenzo) Good signal at times, fading to poor; actually peaked at ID times. IDed as "with 50,000 watts this is the Atlantic Beacon from the Turks and Caicos Islands, British West Indies". at 0058 then into evangelistic Outreach broadcast. (Wasylik)
- 1602 POLAND Gorzow Wielk etc. 1/9 0132 Polish EE lessons, mentioned living "in a flat", good signal, very brief, noted // 738, 1206, 1305, 1368 later. (Vernon)

Steve Bohac-B'ville, NJ R7, loop, SB620 Scanner  
 Marc DeLorenzo-Warner Robins, GA HQ100, SM1  
 Andy Rugg Nuns Island, PQ R390A, 125' LW  
 Brian Vernon-Elsa, Yukon FRG7000, R7A, 3 Beverages  
 Barry Wasylik-Lewis, MB R70

Verie: Rugg from BBC 693 (standard BBC card) in 3 weeks.

And because I have little time and because Steve Bohac sent such a neatly typed, long report, we'll just stick it on the end here.... Hope it works....

THIS way →

From Page 6

PO-NH Patrick O'Connor//Hinsdale, NH//IC-R71A + 180' random LW  
 JM-PA John Demmitt//Bellefonte, PA//ICF-S5W barefoot  
 GM-CT Gary Mitchell//Fairfield, CT//ICOM 720A + beverages  
 CJ-TN Chris Johnson//Memphis, TN//Kenwood KR-80, Superadio  
 MS-ON Morris Sorensen//Milton, ON//HQ-150 + DA-9 Loop or 150' LW  
 AB-TX Artie Bigley//San Antonio, TX//Superadio

#### Radio station purchased

of Merrillville, which acquired the station in 1981.  
 According to Judy Grambo, station manager at WJOB (1230 AM), Gracol Broadcasting has the same investors as Colby Broadcasting, which owns WJOB.  
 Gracol Broadcasting, a company organized for the purpose of purchasing the Lowell station, bought WZVN (107.1 FM) from Whiteco Industries

73. *BC*  
 FCC approval normally takes 60 to 90 days, Grambo said.  
*W. W. Ford*

Post 7/21/86  
 1-87

WEST GERMANY Deutschlandfunk 15 Jan fair sig after 0500Z w/Germ pops. Had been noted earlier tho weaker, poor sig-noise ratio. Next day 16 Jan fair-good 0315-0330Z, 15/20 db weaker by 0500Z although still audible. DLF 19 Jan 0430Z w/Nx in Germ, second sta abt 15 db beneath DLF & traces of 2nd sta audio consisted of male tlk. Could not determine if Romanian or Russ. DLF into Germ pop mx after news, sig @ same strength as Allouis-162 @ 0436Z (Bohac,NJ)

162 FRANCE Allouis 0430Z gud listening level 15 Jan. Exc 16 Jan 0300-past 0400Z. On 17 Jan 2230-past 2300Z playing class mx, truly block-buster sig that rattled the speaker on bass notes. Quality of reptn frm Allouis better than that rcvd from semi-local class mx sta WQXR-1560 at approaching local sunset times. For the past 2 weeks, Allouis & Saarlouis-183 have been observed producing listenable audio as much as 60 mins prior to local sunset here in NJ. During several seconds of a quiet passage of the class mx selection played on 17 Jan, a second audio was detected beneath Allouis consisting of a fem tlking. I question whether there is an unlisted 2nd sta on freq, or this observation was merely the result of crosstalk on Allouis' xmtr link, eqipt or tape ... Further, there were 3 or 4 time pips @ 2300Z. Also, on @ least 3 occasions I've noted what appear to be changes in Allouis' ant pattern within several secs of 2300Z. Would appreciate it if any European or ECNA-based NRC member would comment upon these observations here in IDXD (Bohac, NJ)

171 USSR 15 Jan 0430-past 0500Z. Time pips top of hour, fem in Russ alt w/male annor, topical items apparently news. This DTG, audio was L O U D, sig 10db+ stronger than BBC-200 and 35 db above the noise level in a 4 kHz bandwidth for armchair listening. A second Russ was audible beneath 0500-0515Z. During listening period was the strongest TA in the LW band. Faded by 0515Z. On date 18 Jan: 0441Z fem w/what appeared to be setting-up exercises. Sig 15 db weaker than reptn of 15 Jan (Bohac, NJ)

171 USSR/MOROCCO 19 Jan 0550Z USSR 12 db below level of BBC-200. At 0600Z a series of 6 time pips hrd thru dominant Russ which was playing class mx at top of hour: listed s/on time for Nador, Morocco. A spin of the loop effectively attenuates one of the co-chnl sta's even tho the angular separation in azimuth is on the order of 35-40 degrees (Bohac, NJ)

177 DDR Crenienburg 15 Jan 0430Z gud listening level (Bohac,NJ)

189 UNID 15 Jan 0451-0455Z fade. Male tlk folo by vocals. Could not ID lang. Sweden, USSR & Italy listed on this chnl. Reptn took place during good hi-latitude path opening. Suspect USSR or Sweden. Did anyone else hear it? Move down from 191 kHz (Bohac, NJ)

189 SWEDEN Motala 19 Jan 0445Z running 5 mins of IS until s/on 0450Z. Seven note IS same as formerly used on SW: notes from "Storm och bøljer tystrna re'n". Fem annor tlk in Swedish abt 2 mins, folo by vocal hymn, choral singing and the hymn: "Praise God From Whom All Blessings Flow" sung in Swedish. This hymn is doxology in many Protestant Churches. Just prior to 0500Z, alt male/fem annors. Sig level 25/30 db above noise-abt same as Allouis-162, DLF-153 and USSR-171 kHz. Motala strong, stable & perfectly listenable in next room w/4 kHz bandwidth until 0505Z when sig faded abruptly by 15 db in short span of 2 mins. By 0507Z, Motala overriden by co-chnl beacons, hence tough copy ATT. Sig level came back up only by 5 db @ 0513Z and remained 10 db below earlier level. Strongly suspect thista was the unid-189 rptd 15 Jan 0451-0455Z. Motala is one of those sta's Bob Foxworth & others considered as impossible when this was the old freq assgmt of 191 kHz. Relatively easy now (Bohac, NJ)

200 ENGLAND BBC 15 Jan 0400Z w/"news in the world svc of the BBC", fem annor noted past 0505Z. Easy listening level. Exc 16 Jan 0330-past 0400Z. Noted in passing 19 Jan 0555Z w/wx forecast (Bohac, NJ)

227 POLAND Konstantynow 15 Jan 0415Z fair level. DTG 18 Jan 0330-0350Z w/prgm of Polish pop tunes hosted by male/fem annors (Bohac, NJ)

245 DENMARK Kalundborg 15 Jan 0530Z weakly in Danish. Squeezed badly amidst several beacons. DTG 16 Jan 0510Z fair-good w/Beatles tune & prgm of pops hosted by male annor. Strong beacon QRM necessitated use of 2.3 kHz rcvr bandwidth with USB employed. A notch filter helps here. DTG 19 Jan 0521Z w/pop tunes, strong & quite clear USB, fade 0526Z. Missed s/on 0500Z due to Motala-189 reptn. Kalundborg noted past 0610Z, tho sig down from earlier level, fair-poor (Bohac,NJ)

263 ZERO No sign of any TA LW broadcaster here during DTG 15 Jan 0400-0515Z when USSR-171 was overpowering (Bohac, NJ)

263 UNID 19 Jan 0515Z audio on chnl but beacons too strong for lung ID, could not get good DF due combo weak sig/swamping from beacons. Neither could beacons be nulled (Bohac, NJ)

272 CZECHO-SLOVAKIA Topolna 15 Jan briefly 0431-0440Z fem in Czech, no music, quickly faded to become covered by beacons. Good sig & easy listening level 18 Jan 0201Z when male annor w/nx in Czech. Fade 10 db @ 0215Z and sig level equal w/beacon QRM. Had 5-note IS played twice @ 0230Z, shortly thereafter again under beacons. Topolna again dominant on chnl 0330Z playing 5-note IS twice, male annor w/sta ID folo by Czech march music & waltzes w/vocals until 0400Z when IS played again. This 1.5 Megawatt xmtr @ Topolna is situated in Moravia, near the Moravian-Slovakian border in the central region of Czechoslovakia not far from the former 272 kHz xmtr site of Uherske Hradiste. It likely derives its power from a gen complex on the Morava River. This sta is one of those LW operations upon which Bob Foxworth, Gordon Nelson and others along ECNA have spent countless unfruitful monitoring hours in years gone by with nary even a trace of reception. Oddly, in the time frame of 5 days, beginning 15 Jan, I can cite listenable reptn of thista on 5 consecutive nights at this NJ QTH, some better/worse than others @ various times. Reception 19 Jan was @ a sig level subordinate to 18 Jan: 0200Z 5 short time pips, 6th longer, time ck by male annor folo by the 5-note Hviezda (Star) Network IS and news in Czech. Some general observations: some occasions, time pips appear @ 30 mins past the hr. The 5-note Hviezda interval signal has been noted as always being played twice, both @ the top of the hour, and on the 1/2 hr. At times, news in Czech also appears @ 30 mins past the hr - for instance, 0330Z on 19 Jan. The major problem on this chnl is the beacon QRM which requires a rcvr w/nominal 2 kHz IF bandwidth tuned to the lower side-band. An effective notch filter such as that found on the Drake R-7 rcvr is mandatory. Likewise, careful positioning of the loop is req'd to attenuate the dominant beacon. At this NJ QTH, the loop setting is quite critical. A deviation in azimuth from the null point tends to totally obviate Topolna reptn. Given half-way decent LW propagation condx, all one need do is follow this procedure, tune in at :30 or on the hour and listen for the 5-note IS. Even @ those times when Topolna reptn is sub-optimal, the IS cuts thru the beacon crud quite well. I would appreciate any additional data from NRC's Long Island, NY contingent; Bill Bailey, Mark Connelly or anyone south of Maine who would report their observations on thista here in IDXD. Best listening times in the time frame of these somewhat limited observations has been between 0130-0330Z; the 0200-0300Z segment has tended to be optimal in mid-Jan. They've been playing 30-min segments of polka 5 pops/30-mins of enjoyable and bouncy Czech/Moravian marches and waltzes. At times Topolna is quite strong. This path should be open into late winter/early Spring. Go get 'em & happy listening (Bohac,NJ)

281 ZERO No sign of audio here during DTG 15 Jan 0400-0515Z when USSR-171 was overpowering (Bohac,NJ)

281 UNID 19 Jan 0402Z weak audio abt 20 db below strong beacons. Only able to marginally discern presence of fem annor. Minsk? (Bohac,NJ)

747 HOLLAND Flevoland 18 Jan 0320Z male annor playing Dutch pop tunes. Sig very strong, some 20 db above adjacent chnl Atlanta WSB-750 kHz (Bohac, NJ)

765 SWITZERLAND Sottens 18 Jan 0220Z potent sig, barrel-organ mx (Bohac,NJ)

1314 NORWAY Kvitsøy 18 Jan 0325 piano mx. Kvitsøy's 1.2 Megawatt xmtr must be some small factor in making thista the strongest & most consistent MW TA. Hrd almost every day for preceding 2 weeks. This xmtr, like Allouis-162 & Saarlouis-183, is almost consistently producing listenable audio prior to local sunset here in NJ (Bohac)

1386 USSR Kaliningrad 18 Jan 0212Z male in English: "This is the World Svc of Radio Moscow". Secretary Gorbachev lamented the lack of access by Soviet broadcasters to the American airwaves ... (Bohac, NJ)



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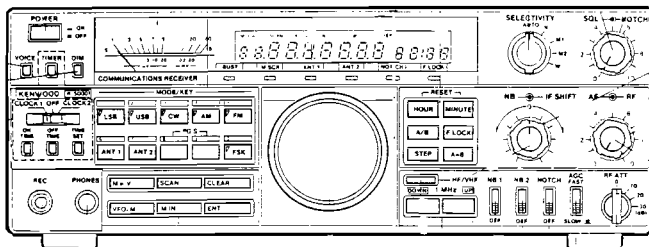


The R-5000 is essentially the receiver portion of the popular TS-440 transceiver, which is a somewhat improved version of the TS-430 transceiver. Since I once owned a 430 and always thought it had an excellent receiver section, there was little doubt in my mind that the R-5000 would also be an excellent receiver. Now that I've played with one for a few weeks, I'd have to agree with myself!

This test report is based on several weeks of actual use, in a variety of DX situations and conditions. I also use an ICOM R-71 and a Sony ICF-2010, so there are frequent comparisons made with these models. You can't judge a receiver entirely on its test bench results, as one can get carried away about potential shortcomings that rarely, if ever show up in real life listening situations. Still it is very handy to have some yardsticks by which we can compare the various technical standards met by various sets. I don't possess all the fancy test gear needed for true lab quality measurements, but at least I can make a few valid comparisons of some of the more important RF characteristics.

Unfortunately, Kenwood has chosen to include few technical details, no schematic or even a block diagram, in the manual that comes with the set so it's difficult to make comments on some of the design aspects. I know it is only a dual conversion design compared to the triple conversion system used in the TS-440. IF frequencies are 50.1125 mhz and 8.83 mhz with all selectivity filters at the 2nd IF. That's not to say it's inferior to the 440, the extra conversions are usually just for convenience in implementing features like IP shift/PBT, notch etc. The ICOM R71 is quadruple conversion! Also with fewer conversions, you have less local oscillator signals to worry about, with the resultant less chance of mixing products showing up in the receivers' output.

#### FRONT PANEL



Basic coverage is from 100 khz to 30 mhz, with the low end actually usable to near 30 khz. Sensitivity does drop off under 100 khz but WWVB on 60 khz is easily heard here, along with the various RTTY signals that abound in this range. The typical KENWOOD blue gas discharge display indicates frequency to the nearest 10 hz, which is one more digit than is found on most equipment. The display also indicates VFO usage, memory channel number and one (or none) of the two 24 hour clocks, all at the same time. This may sound like a lot of information on one small display, but the time and channel numbers use half height digits so there isn't much chance of confusing them with the actual frequency. The display is easily read in nearly all ambient light conditions, other than direct sunlight. For direct viewing in sunlight, a liquid crystal display, such as is found in the Sony ICF 2010 or the Yaesu FRG-8800, is the only way to go!

The R-5000 offers several different tuning methods. You have the choice of using the tuning knob, which offers a variety of steps and tuning rates, depending on which mode has been selected. The minimum step is 10 hz and no RTT function is provided. The VFO knob lacks any sort of a finger indentation, convenient for quickly spinning across the bands. The rates are summarized in this table, from the operator's manual. The tuning speeds and steps are acceptable but I didn't find them to be as well chosen as they are on the ICOM R71. For SSB, 10khz per revolution is rather fast for fine tuning (the R71 is 2 khz/rev) and 50 khz is rather slow if you want to get across the bands in a hurry (the R71 is 200 khz/rev in its higher speed position). UP / DOWN pushbuttons are convenient to quickly change the MHz settings in 1 MHz increments. The R-5000 also has keypad entry, however using it is a bit of a chore rather than a convenience, especially when one is used to the uncomplicated system used in the SONY ICF-2010, or to a slightly lesser degree, the ICOM R-71. As I'm right handed, I find the location of the keypad in center left front panel to be less than optimum, lefties may like it better! The keys are in arranged in a non-standard 2 x 5 arrangement, and to make it worse, the numbers are a poorly contrasting black on grey. Reading them from a distance is most difficult! To enter frequencies under 10 mhz, you must first key <ENTER> then the leading zero(s) (2 if under 1 mhz, 3 under 100 khz) then the actual digits. Trailing zeroes need not be entered, pressing <ENTER> again will fill them in automatically. If you choose to enter all of them (down to the 10 hz digit) then the frequency will be "entered" upon keying in the last zero. The whole procedure involves more key punching than is needed or desired, especially since the ICF 2010 requires no leading zeros at all, and only one press of the ENTER key (they call it EXECUTE). Since I personally tend to use the keypad a lot, I find the system on R-5000 to be a major annoyance. Perhaps I'll get used to it, or become left handed, or both but I'll never like it!

Mode STEP key	AM		USB/LSB/ CW/FSK		FM	
	OFF	ON	OFF	ON	OFF	ON
Frequency step	1kHz	100Hz	10Hz	100Hz	5kHz	2.5kHz
One revolution of TUNING knob	20kHz	50kHz	10kHz	50kHz	100kHz	50kHz

When a 10 Hz or 100 Hz frequency step is selected rapid tuning is possible by rotating the TUNING knob quickly.

When the TUNING knob is rotated at about 3 revolutions a second a geometric increase in the tuning speed occurs, that corresponds to the speed of dial rotation.

The R-5000 has 100 memories that also store mode and antenna information. The 100 channels can be scrolled with the <M-IN> function, the contents of the memories are displayed but the radio remains on its original frequency for the purpose of finding a suitable unused position with which to store the current frequency. Pressing <M IN> a second time will store it, pressing <CLEAR> will get you back out without changing anything. This system works well and I find it very convenient. In the memory channel mode, all memories can be scanned manually with the tuning knob or the UP/DOWN keys by using the <VFO/M> function or you key in the channel number from the keypad. All memories are fixed (you can't even change mode or antenna selection!) and to tune up or down from the channel you must transfer the memory contents into the VFO (either A or B, whichever was last selected) by using the <M - V> function. The system used in the R71 is more versatile since all memories are completely tuneable.

A variety of scanning modes are also available. MEMORY scan will stop on a channel only if a signal is present (level determined by squelch control setting) in the AM or FM modes. Apparently there is a way that you can change from a 5 second time operated pause to a carrier operated scan. The manual hints at it but gives no details, other than to consult your KENWOOD dealer! However in any of the SSB modes, the scanning will pause for 5 seconds regardless of whether a signal is present or not! This is handy enough for

of whether a signal is present or not! This is handy enough for



most situations but I'd still prefer to be able to select whether it should stop or not. Perhaps there is a switch that isn't mentioned in the manual. Temporarily unwanted channels can be locked out of the scan range (use the <CLEAR> function while in the memory mode). The 100 channels are divided into 10 groups of 10, and you can also choose to scan any or all of these groups.

PROGRAM Scan will scan from channel 8 to 9 in the current channel group you have selected. This means you can have up to 10 ranges programmed using channels 18-19, 28-29 etc. This may sound rather complex but in practice it works well. Scan speed can be changed by the <STEP> function.

As I hinted at earlier, the R-5000 has two clocks, either one of which can be displayed continuously, even if the radio is turned off. Sorry, seconds are not displayed. A single timer function is connected to CLOCK 1 and NO/NC relay contacts are provided on the rear panel. Clock and timer are set using the conventional HOUR/MINUTE pushbuttons, an outdated and inconvenient system when compared to the SONY ICF 2010, which uses the tuning knob to set time, both forwards and backwards. How many times have you gone past one digit, and mentally cursed having to go around all the way again! Well, be prepared to do it again on the R-5000. The Sony has more flexibility here as well, in that you can set four "events" which allow you to set both the time and frequency (memory channel).

All memory and clock functions are backed up by a rechargeable NiCad battery. If AC power is removed, the battery will enable the memory contents to be retained for 10 days. The battery takes 6 hours to fully recharge, and is done so automatically when the set is plugged into AC power. Unlike the ICOM R-71, the operating system is not lost if the back up battery fails. My only hesitation is the use of NiCad cells, as they are pretty fussy in their old age. I wouldn't be surprised if the non-rechargeable lithium cell in the ICOM R-71 outlasts the NiCad system! However, it's still easier to replace any battery than have to send your radio (or the RAM board) back for re-programming.

Dual noise blanker circuits are provided, along with a level control. NB1 is intended for short duration pulse noise, such as automobile ignition noise, while NB2 is for the "woodpecker". Both can be used simultaneously. In only a few comparisons with the R71, which has two blankers (you can only use one at a time), I found the R71 had a very slight edge when used on the woodpecker. Both seemed approximately equal on other types of noises. As with the R71, setting the blanker level too low on the R-5000 can cause large amounts of distortion. Two AGC time constants are provided, SLOW is far too slow and FAST is acceptable but on the fast side. The speeds provided in the ICOM R-71 are just about right, plus you can turn the AGC off and regulate the gain manually with the RF Gain control. The R-5000 has an RF gain but no AGC off position. The S meter in the R-5000 reacts to modulation peaks, making it very hard to take valid S meter comparisons when the meter is bouncing all over the place. In addition the meter is dimly lit and much harder to read than the much larger and well lit meter on the R-71. The top end of the scale is rather crowded, even though S meter calibration is pretty good. The 0/10/20/30 db attenuator checked out to be very accurate.

The notch filter is an audio type only, but the few times I needed to use it, it worked well. In theory, an IF notch (as found on the R-71) is preferred but in many cases the end result is the same. The IF shift circuitry functions only in the SSB modes, not in AM or FM. It worked well the few times I tried it, and interfering SSB signals could usually be put "over the edge" to a point where they were no longer a nuisance. The IF shift system used in the R71 works in AM, by both shifting and narrowing the pass band, a distinct advantage over the R-5000. For the serious DXer, the lack of IF shift in AM shouldn't be that much of a limitation, since one can go into the SSB mode where the IF shift functions. Incidentally, the USB/LSB switching method used in the R-5000 requires NO RETUNING, a large advantage over the system used in the R-71. For me, that feature alone almost makes up for the not so easy to use key pad!

Two antennas can be selected and assigned to a frequency stored in the memory, from the front panel. Real panel antenna connections include a conventional SO-239 coax input for <ANT 1> and wire terminals for <ANT 2> where you can choose between 50 or 500 ohm input. I don't think too much of the cheap wire connectors - heck, they aren't even spring loaded!

The R-5000 will accept a variety of AC voltages - 120, 220 or 240 volts. These are selected by rotating a selector switch on the rear panel. 12 volt DC operation is possible with the DCK-2 option. Current draw is about 1.4 amps, just slightly more than the R-71.

Options include a integral VHF converter (\$289) that covers 108-174 mhz, an IF-232C interface (\$99) for computer control using a standard RS-232C input, an IC-10 Interface kit designed to mount internally and provide level translation for the IF-232C option, and a VS-1 voice synthesizer unit for \$75. All filters are \$115 each. Other than some of the filters, I haven't tested any other of the options. One should note that for the price of the VHF converter, one could purchase a separate scanner that would have wider coverage and not interfere with anything. Agreeably, the R-5000 converter offers SSB reception on 2 meters, primarily of interest to hams who use SSB for long haul terrestrial contacts as well as working the various amateur satellites.

#### PERFORMANCE RESULTS

The first thing one notices about the R-5000 is that the darn thing beeps at you when you press many of the buttons. It even announces the first letter of the mode you've just selected - in CW, of all things! Thanks but no thanks. I don't appreciate having the thing beep back all the time. Hopefully there is a switch somewhere to turn that function off or at least reduce the volume.

Test and actual listening comparisons between the R-5000 and the ICOM R-71 showed that both have excellent RF characteristics, and there is little audible difference. On SW frequencies, my version of the MDS test (using the ear to detect the minimum signal input (AM 30% mod) that I could still detect a 400 to 1000 hz modulation change) showed it could detect signals around the .06 uv level, very comparable to the R71. On MW, the usual 20 db attenuator is hard wired into the input so sensitivity is less than optimum for the serious MWDXer with a quiet location. Not having a schematic, I haven't found the way to bypass it yet! It shouldn't be too hard to defeat when I actually get my hands on a schematic. Again, actual tests showed the R-5000 was a good MW receiver but couldn't quite keep up to my ICOM R-71 (modified for better MW sensitivity by removing the built-in attenuator and allowing the preamp to function) on the really weak signals. However, when the R-5000 is modified it should have a slight edge in sensitivity. Sensitivity on longwave is reduced by only 10db, giving very good results on some of the European longwave signals that sometimes can be heard here. A separate 500 khz low pass filter is provided for LW, thus reducing potentially overloading MW signals before they reach the mixer. The longwave band was generally free from MW overload: only one strong combination of locals produced a quite strong signal on 190 khz, on the R-71 the same product is hardly detectable, thanks to its slightly better dynamic range.

Dynamic range or lack thereof, can make sensitivity work against you. Using rough measurements, the R-5000 was measured to have about a 99 db dynamic range (50 khz spacing, at center of MW band). In the same test the ICOM R-71 showed 104 db, and the SONY ICF 2010 was 86 db. The bigger the number, the better. These numbers are not "absolutes" and are not intended to be quoted as such, or compared to what the manufacturers or other reviewers state. However, they do show that the R71 has a slight edge in this very important category. It was interesting to note that the ICF 2010 showed very respectable figures in this test, better than some of the better receivers just a few years ago!

Selectivity on the R-5000 is provided by crystal filters at the 8.83 mhz second IF. The shape factor of the stock 6 khz AM filter is rather dismal, being 6 khz wide at -6db, but 24 khz at -60 db! Needless to say, the optional YK-88A-1 filter is highly recommended.

It has the same width at -6 db but the -60 db skirts are improved to a measured 10.2 khz. The supplied SSB filter is much better, giving values of 2.5 khz and 4.9 khz at -6/-60 db. These figures are good but less than measured in ICOM R-71, which uses cascaded filters at 9mhz and 455 khz, as standard. The comparable bandwidth in the R-71 measured 2.4 khz at -6 but only 3.1 khz at -60 db. The optional 1.8 SSB filter wasn't available for testing. I did install the 270hz CW filter, which seemed to be a good performer, but I could still detect a significant amount of signal leakage around it. Aftermarket filters are available from firms such as International Radio, although not tested personally, they should offer better shape factors than the factory filters. The selectivity switching is well designed, allowing any filter in any mode to be selected manually, or in <AUTO> the best filter for that mode will be engaged. Selectivity options are detailed in the accompanying table, again from the R-5000 manual.

With the antenna disconnected, very few spurious signals could be noted. Weak harmonics could be heard every 500 khz, from 9 mhz up to about 15 mhz, except for the multiples of 9 mhz at 18 and 27 mhz. Other than a weak signal at the 8830 khz IF, which didn't move the S meter, the R-5000 has a very clean and birdie free tuning range. This especially important in LW and MW, where the presence of a weak "het" can mean some foreign broadcaster's signal is starting to fade in. In comparison, on lower frequencies, the R-71 has some weak interference birdies from the display.

The R-5000 has the usual built in, top facing speaker which provides quite decent sound. As to be expected, an external speaker would improve things. The front panel tape output is a standard high level signal, designed to work into the "line" or "aux" input on a tape recorder or stereo amplifier. If your cassette only has a "MIC" level input, you'll need to purchase or build an attenuating patch cord. The high level output is somewhat stronger than the R71 provides, which was on the weak side for some systems.

Overall, the R-5000 is a high quality receiver that offers a good combination of features and performance at a competitive price. In Canada, the list price is in the \$1200 range. While slightly inferior to the ICOM R-71 in some areas, in actual listening there isn't much difference. To choose between the two, you have to decide which features are most important to you. Some of these features are implemented very well, others could be done better. Now, where's that switch to turn off that blasted beeper? .....

OPTIONAL FILTER COMBINATION	SELECTIVITY SWITCH POSITION	MODE KEY					FM
		USB	LSB	CW	FSK	AM	
N None M1 None	AUTO			2.4 kHz		6 kHz*	12 kHz
	N						
	M1			2.4 kHz			
	M2			6 kHz*			
N None M1 YK-88SN	AUTO		2.4 kHz	1.8 kHz		6 kHz*	12 kHz
	N						
	M1			1.8 kHz			
	M2			2.4 kHz			
N YK-88C M1 None	AUTO		2.4 kHz	500 Hz		6 kHz*	12 kHz
	N						
	M1			500 Hz			
	M2			2.4 kHz			
N YK-88CN M1 None	AUTO		2.4 kHz	270 Hz		6 kHz*	12 kHz
	N						
	M1			270 Hz			
	M2			2.4 kHz			
N YK-88C and M1 YK-88SN	AUTO		2.4 kHz	500 Hz		6 kHz*	12 kHz
	N						
	M1			1.8 kHz			
	M2			2.4 kHz			
N YK-88CN and M1 YK-88SN	AUTO		2.4 kHz	270 Hz		6 kHz*	12 kHz
	N						
	M1			1.8 kHz			
	M2			2.4 kHz			
N YK-88C and M1 YK-88C	AUTO		2.4 kHz	270 Hz		6 kHz*	12 kHz
	N						
	M1			370 Hz			
	M2			500 Hz			

\* When the YK-88A-1 Crystal Filter is installed in the filter for W position, selectivity will not be changed, but the shape factor will be improved

# MUSINGS

Paul Swearingen

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

Hello, again, and welcome to Musings of the Members. There's been some terrific TA openings lately, so let's get right on with it ...

**Thomas Connatser** - Route 9, Box 78 - Sevierville, TN 37862

Continuing my thoughts on using "third-line" radios as DX machines - after I had DX'ed for some 12 years and logged around 400 stations using a variety of consumer-grade radios, I decided it was time to upgrade my equipment for a couple of reasons. First, I was finding it increasingly difficult to log new stations because I was approaching the limits of my receivers' abilities. Second, I wanted a radio for listening to (and do some casual DX'ing on) FM. With local WMYU running 100 kW about a mile from my location all of the radios I was using overloaded badly on FM, making listening to anything other than U-102 a chancy thing at best. Having joined the NRC by this time, I noticed that there was one portable that many NRC'ers were using and bagging good DX on. After reading several favorable reviews about this receiver, I bought a Superadio in October 1981. The very first night I DX'ed with it I logged WKWF Key West FL listed in the Log as running only 500 watts at night. That still remains, by the way, as one of my best catches. On the Superadio I also logged the last of the U. S. clears, my Westernmost state, and my 500th station in KFI-640 CA. I quickly found the Superadio's performance to be vastly superior to anything I had used previously. Sensitivity was as good if not better than other sets I had used. As for selectivity, it was the Superadio winning by default. The long dial and log scale with 100 divisions made tuning easier than anything I had ever used. Finally, I was able to null a few semi-locals enough to log other stations under them. On FM the Superadio proved to be in a class by itself. Only it and my \$400 Pioneer stereo receiver were able to withstand WMYU's intense RF field without severe overloading. When I was not DX'ing, I found the Superadio to be a very listenable radio with tone quality far superior to other run-of-the-mill radios. I was also quite impressed with the Superadio as I headed into the last quarter of 1982 with the first set of batteries just beginning to show signs of weakening; two years on one set of batteries was unheard of until the Superadio came along. Before you think the Superadio is perfect, I will point out a few problems - it's big - and heavy. The Superadio isn't exactly the kind of rig you'd want to carry around all day. It could use a dial light. On a somewhat more serious note, the AC cord is rather short and the small compartment provided for cord storage is ridiculous. This is one radio that you don't want to have to stow the power cord away in repeatedly. Fortunately, with the long battery life, you can just run the set on batteries all the time and solve that problem. That will also take care of another problem, inadequate power supply filtering. While my Superadio was not fazed by U-102's signal, TVI was its undoing. I discovered, however, that most of the TVI was getting in via the power cord, and by simply using battery power the set could cope quite well with TVI. Unfortunately, on December 20 of last year the Superadio was taken by my friendly neighborhood thief; so I've had to add yet another receiver to my DX den. Needless to say the choice was a Superadio II. Initial reactions - performance of the Super II seems to be markedly better on FM, but not as good on AM. Dial calibration on my sample is terrible - looks like an alignment is in order. Power cord seems a bit longer, but the storage provision is as bad as ever. One nice touch: the phone jack on my sample (7-2885 D) is a stereo jack so "Walkman-type" stereo phones can be used without an adapter. All in all I'd say the Superadio II is well worth buying - if you can find one. I don't know if GE has discontinued the model or not; but I do know that I had a very hard time finding one. Now if that thief will just keep his cotton-picking hands off ... Until later.

**Douglas Orf** - Apt. #112 - 141 Steele Ave. - Painesville, OH 44077

I thought that after being in the club for three years, I'd better try my hand at a Musing. If I don't stay with any special theme I apologize. First off, I am 39, single, and have been BCB DX'ing since 1961. That summer I was given an old 1938 Philco console radio by one of my school friends. I pulled it home in my wagon (1/2 mi) and it almost tipped over on me several times. My brother helped me to align it, and low and behold during the day I could get WGR Buffalo and WLW Cincinnati. And at night WWL New Orleans. Boy, was I amazed. The following winter, my parents gave me a Heathkit GR-91 receiver for a Christmas present; again, my brother helped heavily in the construction.

Moving to late 1963, I purchased secondhand an old Hammarlund HQ-129X, which I still have in retirement. The Hammarlund, coupled to a 140' longwire, gave nice results. I believe that is when I got KFI-640 for the first time.

My next big step was when I owned some property in Chardon, 12 miles south of Painesville. I decided that I wanted to put up a full wavelength antenna cut to the exact center of the BCB. It was supposed to be 919' but it did not come out exactly. Little did

*Don Moman*

I know when we were putting it up that the whole length was in line with Hanburg, NY. This I say because WKRC came in better than WGR. However, during the noon hour I could get reasonably well WBZ Boston and WHO Des Moines.

In 1979 I sold my home in Chardon and moved back to Painesville. I now live in an apartment. My present receiver is an ICOM R-70 with a Dymek DA-9 and DL-4 loop. One of my greatest memories is a cold winter night two years ago when a good friend of mine, Robert Reymont, gave me permission to hook up my receiver to the WGAR-1220 array. They were off the air, of course. I did not have too much trouble pulling in CHSE-1220 from St. Catherine's, ON. Also WHAM-1180 just about pinned the "S" meter with the receiver in "ATT" mode.

Presently, I work a rotating shift at our municipal electric plant here in Painesville. In closing, I would like to thank all of the GREAT people of the NRC for doing such a fine job. I will try to not let 3 years go. Till next time, best DX to all. (And welcome to these pages, Douglas. Don't be a stranger! -pls)

**B. G. "Bill" Smith** - Route 1, Box 33 - Herrin, IL 62948

Hello again from So. IL. This is my 6th year in the NRC, and so comes my annual Muse. I recently purchased a GE World Monitor Radio, and it is just great for BCB DX'ing. It has all of the pulling power of the more famous GE Superadio, plus many bonuses, such as a lighted dial, digital frequency display, calibrator knob for fast tuning, a tuning/battery meter, rack-type handles, and is a heavier and more durable radio. It also has a strong FM band and 4 shortwave bands. I strongly recommend it to the members. (I am not an employee of GE or have any stock in the company, ha.) As a matter of fact, I have never worked in radio in any capacity. Radio has been enjoyed very much as a hobby since I was a 12-year-old kid and was trying to get KXOK-630 early one Saturday morning on a small, cheap table radio, and got KFI in L. A. instead. I have had the bug ever since. I did not join the NRC until 1981, because I never knew it existed. I just happened to pick up a copy of **Communications World** magazine, where I found out about the NRC. I immediately joined and have been an enthusiastic member ever since. I have not DX'ed 1200 stations and recently added my 43rd state by picking up KBOI-670 Boise, ID, on what was almost a perfect nite for DX'ing.

Incidentally, after over 5 years in the NRC, my favorite columns are (1) Musings, (2) AM Switch, and (3) Domestic DX Digest. I have also kept every map of Bill Hale's frequency list and have really enjoyed his effort on our behalf. The new AM Radio Log is outstanding. '73 and good luck to all in '87. (I found out about and joined the NRC exactly as you did, Bill -pls)

**Ray Arruda** - 47 Burt St. - Acushnet, MA 02743

Greetings from snowy New England. Once again, an enjoyable New Year's holiday was spent in Montreal with Andy Rugg with celebrating taking place at The Queen Elizabeth and at Old Munich. The New Year has brought slow and steady DX as well as verie returns. MM 1-5: CHRS-1040 atop 2:19-2:46 with oldies in EE, FF announcer, ID's mentioning 24 hrs. KRMX-690 test tried for from 3:00 to 3:30, but as many other members, I too heard bits of TT 3:10 to 3:25 very weakly on this fairly clear frequency, but doubt very much if it was them. Later on 1-5 pm at SSS ... report taken on WFST-600 3:46 to 4:30 while looking for CFCF w/SNN, ID's and EZL/Old mx via Satellite Music Net. Just after 4:30, CFCF ID and sports noted very briefly way under WFST, not enuff for report. Friday 1-23: A welcome day off, so a couple of reports tken on nearby daytime holdouts WNOL-950 and WITP-1060. Saturday 1-24 early AM: WDOT Burlington, VT was topping 1390 with WFGL silent 4:52 to 5:30 with csw mx "Country Giant" ID's, female announcer. Over to 1560 for a try at KSAJ test 5:30 to 6 with no luck, all WQXR NYC. Later on 1-24 SSS in the PM ... shortly after 5 and just in the door when phone tip received from Stan Morss alerting me to tune 1510 for CKOT and 1512 for Belgian in EE. Tuned 1510 from 5:15 to 5:45 with WMRE off, no CKOT or Belgian, just a strong CJRS playing medley of Beatles tunes, with supper getting cold! As always, any and all phone tips are appreciated! SSS 1-25 was spent camped out on 1030 looking under WBZ and in their null, two new stations noted very weakly ... 4:31 to 4:45 brought WBZE-MD with GOS, ID's mentioning Washington, DC area and Bible-pounding minister giving sermon. 4:50 to 5 pm brought the new WYSL-1030 Avon, NY with Talknet program on finance and the stock market, many "WYSL Talkradio 1030" ID's and detailed s/off at 5 by male announcer with instrumental mx in background. No NA. Address is Box 236, Avon, 14414. MM 1-26: A welcome phone tip from Ernie Cooper at 2:20 mentioning 850 had WRMR Cleveland atop with WHDH off so report taken on them from 2:30 to 2:44 with mx and "AM Stereo 850" ID's, then back to bed. We regret that we are unable to attend the 1987 NRC Convention in Lima, OH because of vacation scheduling at work. (There goes the scavenger hunt competition, hi! -pls) Our annual Thanksgiving GTG here will go off as usual unless something earth-shattering occurs. Veries are back from WARO-540, WFST-600, WABS-780, WWAZ-790, WITP-1060, WCCS-1160, and WDKN-1260 DX test. 73.

**William C. Moser** - Box 6 - Lake Preston, SD 57249

After five months of mostly SSS DX'ing from my new QTH, my log lists 415 stations heard from 37 states, DC, 6 provinces, and Mexico. (Holy cow! That sounds like my DX career, hi! -pls) The latest of these loggings is WKJF-1370, "the Cadillac of radio" on

1-31 from 1757 to 1820 with a soft rock format and CBS news. Report sent. My latest verie is a QSL card with an unintelligible signature from CIOF for my reception on 1-6. The four frequencies reported earlier with only one station logged now all have two. On 570, WKBN was the first station to surface in the WNAX null. CKRD has been heard on 700 at SRS. KOLT has been heard under KELO at SSS. WJOP made a dent in KSTP one evening. 1150 is the busiest frequency, with ten stations logged. 1060 and 1280 are tied for second at eight stations each. Rick Flacksbarth of Mayville, ND and Dick Tynor of Bemidji, MN have purchased KWSK-1330 Wishek, ND subject to FCC approval. The new owners hope to have KWSK back on the air "a few months after" FCC approval. KWSK has been off the air since a fire gutted their studios and offices last May. The cause of the fire was determined to be a soldering iron left on by mistake. This has been a mild winter in Dakota Territory: virtually no snow and the warmest January on record! Not the best DX conditons, but easier on the pocketbook when the natural gas bill arrives. 73's to all Musings readers from Dakota Territory.

**Patrick O'Connor** - Plain Road - Hinsdale, NH 03451

Having been rather inactive BCB-wise for a year has been tough on that indefinable "sense" that one develops for DX. Fortunately, conditions recently have been a big help. Jan. 24 saw some real DX here. First out of the box was previously verified CFBF running roughshod over WINS. There was no sign of my target, WCNL-NH. On 1130, WNDW-NY was inaudible, with csw mx coming in. The station then ID'ed as WCXI-MI, so another new one added to the log. 1260 had some non-religious music noted, so WEZE-MA wasn't heard. Although I didn't get an ID, the station was probably WMMM, with mentions of Westport and Norwalk in the ads. Noted vibraphone music on 1340; figured it was a jazz show. Instead it turned out to be "The Swingin' Years" with Chuck Cecil on WMID-NJ, with solid ID's logged. That is my best GY DX to date. QSL incomings have been a little slow; so far only WKOX-MA and WWAZ-RI have verified this year. Outside of BCB, I've been DX'ing SW utes; quite a few nice QSL's in from there, but those are for another club! If time permits, I'll be back with some more DX from the wilds of southwestern N. H.!

**Andy Rugg** - 669 de Gaspe, #218 - Nuns Island, PQ H3E 1J1

TA reception was strong through January 17 and remained reminiscent of the "good old days" of 1964-1965. There were a number of brief receptions of rare stations. I expect to wait two decades for me to hear some of them again. Just before bedtime on 1-13 there was a lovely TA opening that I just couldn't pass up. Between 1:01 and 1:36 am I took an additional logging on Rome-1332. From 1:36 to 2:37 I did the same with RTF-1377. Following that, I logged my first new one, BBC-1089, from 2:44 to 3:06. Still on 1-13, I scanned the band at 6:55pm, and nearly fell out of my chair when audio upsurged from 1386 kHz. It was the EE broadcast from Radio Moscow and country #68! (Nice catch, Andy! -pls) They were in-and-out until 8 pm. The next day, 1-14, country #69 showed up in the form of Radio Cayman on 1555. The audio from this long-sought station finally broke thru from 6:53 to 8 pm, with much fading and other complications. The next few days I got 3 more new ones when audio finally emerged from some pesky hets. At 6:03 pm on 1-15 I was pleasantly shocked to find a strong EE newscast snuggled against WHAM-1180 which turned out to be Radio Sweden-1179. Hard on its heels, Tullamore, Ireland on 567 finally broke through with difficulty between 6:21 and 7:00 pm. The last new TA was at SS on 1-17 just after 5 pm when the slopover from CFCF-600 finally abated and I logged the FF newscast on 612 from Sebaa-Aioum, Morocco from 5:01 to 5:15 pm. They were also heard in FF on 1-24 at the same time. They squeaked thru again in AA around 6:30 pm on 1-29, with a lady wailing and chanting. At 6:04 pm on 1-17 I made my only new domestic logging, thanks to Sheldon Harvey's tip. It was a welcome surprise to find CKAP-580 atop the channel for 90 seconds with enuf data for a report. As I write this on 1-30, nothing new has been logged for two weeks. TA cx went into a bad slump around 1-20 and didn't regain their old form for many days. They had recovered by 1-29 when a 5-minute bandscan at 6:30 pm yielded the usual signals from 612-1062-1125-1134-1314-1395. I should mention that I had previously verified the TA's on 566-1088-1178 between 1961-1965. However, I counted the above as new ones because they were new transmitter sites. At the same time, I decided not to count 1WR-1467 as a separate logging from Radio Monte Carlo. I accept the opinion of NASWA's Awards Chairman that "one transmitter equals one station". So be it. In addition to the above, I was able to confirm two tentative loggings as "definite". My 12-29 tentative to the NH gov't produced a verie from WNCP-1610, a "TIS" in Franconia Notch. At 10 watts, it beats out the old 20-watt LPT CFBF-1420 as my lowest-power BCB catch. John Malicky, Harley DeLeurere, and Bill Moser have combined to make WBCW-1528 a definite logging. New veries are CKAP-580, BBC-693, WWAZ-790, WBZE-1030, WITP-1190, WITM-1530, and WNCP-1610. From mid-December to mid-January I sent out an avalanche of foreign reports for both IRTB and SWBC, but so far the response rate has been slow. I just renewed my membership for my 27th year in our club. 73.

**Bill Hardy** - 2301 Pacific Ave. - Aberdeen, WA 98520

This week's DX'ing was aided by two days of silence from local KAYO 1450. The 1400's really opened up with KAYO off along with KGHO-490 having daily maintenance 12:00-6

country. Also a tentative on KCLX-WA with local basketball.

Wed. 1-28: KAYO-FM is on but AM isn't, so not power failure. Call to them says they hope to return at 9 am Thursday. 8:59 pm, heard a PSA on 1450 parallel to stronger KMWX-1460. ID on the hour: "You're listening to the Larry King Show on KCLX, Colfax," then Mutual news. Only second logging here of KCLX in 27 years, and a much-wanted ID on tape.

Thurs. 1-29: 1470 and 1480 are both wide open at 12:40 am. With KELA/CJVB off, 1470 yields a weak Music Country Radio Network outlet, likely KUYI. 1480 yields just KYOS at 12:48 am in fair with hot rock hits and "Hit Radio" slogan; put them down as 24 hours, KRED/KAAR off. 1:06: KBZY-1490 ID and into Larry King, so they're the unID King from last week. 5:04 am: Mutual news on 1480, 5:05 definite ID this time for KRXR Gooding ID, ex-KIDI, weather, promo, Beach Boys oldie, good atop KYOS. By 5:48 KAAR-WA had signed on with heavy rock, "1480 Car Radio, the best rock classics." An odd s/on time? KRED comes on at 5:30. KAAR still there 6:11 am with KGHO-1490 on doing ads at 1/2 mile, so maybe KGHO is making technical improvements; much of their slop is gone, and I can finally hear audio on both 1480 and 1500, although some splatter during music. KAYO-1450 did return later that day.

Fri. 1-30: Tried other graveyard channels and got relogs of KWWW-1340 WA 6:24 am with American Top 40 promo, plus tentatives on unned KORT-1230 ID and KIHHR-1340 OR.

Sat. 1-31: 6 pm, garbled ID "KL-960..." before Mutual news under KABL/CFAC-960, but a definite ID 7 pm "KL-960, KLKL, Klamath Falls," a call change from KLAD. 10:15 pm, something strange, a strong signal mixing with KEX-1190 playing polka music! Faded during spot 10:20, then more polkas till 10:33, when atop with nice promo for CFSL-SK. Last time CFSL was heard was probably the 1978 Beverage DXpedition at the beach!

Sun. 2-1: We'd had 2 inches of rain in about 12 hours, and KTHL-1590 was noted atop KJET/KLIV 4:54 am with flood warnings and road closures for Tillamook County, probably on night power; AdCon mx, 5 am ABC Entertainment news. Meantime, nabbed a call change in the full-data s/on in Spanish of XERCN-1470 Tijuana, ex-XEBBC. 5:38 am CFPC-1440 running the "All Night Network" which originates at CKNW-980, AdCon music, lady DJ, network ads, and a local ID for CFWB-1490 and CFPC. This BC network must have local ID breaks like Satellite Music Network, except it's promoted as province-wide. 5:54 am, another Canadian network, this one news to me, "Coast to Coast" program on KRAY-1500 mentioned "In Melfort, we are CJVR" and one other outlet; CJVR-1420 is in Saskatchewan. 6 am broadcast news.

Mon. 2-2: 3:19 am, CFWB-1490 sneaked through the mess with an ID during "All Night Network" like the one heard on CFPC yesterday. 3:33: Nice "KSTP, St. Paul-Mineapolis" in CKAY-1500 null, hadn't heard since 1985, thanks to local KGHO-1490 being NSP. That afternoon was great with three new catches: Looking for KATL or CHQR under KRPM-770, up came Calgary news and sports, Calgary ads, "That's the NHL Report on QR-77." More ads, traffic report "on QR-77," into AdCon music 4:15 pm. By 4:24 was booming in for a strong "QR-77" jingle. New, ex-810. 4:49 pm, fair signal from KNKK-800 with country music, DJ patter, 4:52 "Keeping it country on KNKK." In null of unID music station. 4:57 pm, another new station on 890, booming in with classified ads via telephone, excellent ID 5 pm, "A rendezvous for great entertainment, Radio 89, CJDC, Dawson Creek." Time tone on hour; they're in Mountain time zone (a few miles from Alberta); DJ gave phone numbers and took more calls, no news. In their null was WLS! CJDC was never positively ID'ed on 1350; years ago they'd have CBC programming after KSKO s/off at midnight, but would run the CBC s/off 1 am with no local ID.

Nancy did manage a firm ID on 1350 years ago, to help her gain on my totals which are now 971 stations heard. Six new ones this week; six more last week! 73 and good DX.

**John H. Demmitt** - Box A, K0848 - Bellefonte, PA 16823

Being in the radio hobby for as many years as I can remember, I heard a lot about NRC but never got a chance to see a copy of the **DX News** until recently. As soon as I saw it, I knew this was the club for me and I joined.

In spite of the many mountain ranges in the center-most part of Pennsylvania, I am enjoying great reception. I use my trusty Sony ICF-S5W with no external antenna. That plus using only batteries helps with the nulls.

The sunset skip is especially active lately. Have been logging many stations not heard before at this QTH. There is a CBC station on 640 I have not been able to ID yet and am very curious as to what this might be. Any ideas? 73.

**Eric Cooper** - 24191 Spartan - Mission Viejo, CA 92691

Hello. It's only been about four years since I last Mused or DX'ed through the pages of **DX News**, so first a re-intro. I am 30 yrs. of age and am employed as a civilian fire dispatcher at the U. S. Marine Corps Air station, El Toro, CA (which is actually in Irvine, CA). My only rcvr at present is an ICF-2002, but I plan on getting a Superadio in the near future. I have only just started to DX on AM again. It's like having to learn all over - so many changes on the band. I am glad that Gary Larson gave the location of the KSHO xmtr, site. If they mysteriously vanish from the air after obtaining fulltime status - well, you'll know whom to blame, hi! (only kidding, Mr. Levine). I say that only because I love CBC Radio programming and even have one of my car radio buttons set to CBK. KSHO's format is very well done though. The eighth edition of the Log is excellent. I am currently doing a comprehensive nighttime bandscan which I may in the future submit to HQ. More later, 73's. (It's good to have you back, Eric. Join us often -pls)

**Paul Swearingen** - Canoga Park, CA

KSHO-540 is quite weak at this end of the Valley, by the way. I'm impressed with the Sony SRF-A100, more so than with the state of AM stereo and audio dynamics. About a year and a half ago I listed my locals in order of audio quality, based upon my listening experience with the Sharp FW-610, and after listening now with the SRF-A100, I've noted some changes: KFI-640 sounds good in stereo, but they seem to have suppressed the middle ranges, making them sound flat. KIIS-1150 is distorted all of the time. KINQ-1020 (not in stereo) sounds much better, as does KWKW-1300. KDAY-1580 and KLAC-570 seem to do the best job with their stereo sound, although when I need a strange audio experience I tune to 1580 at night, set the selector switch to the Kahn system, and listen to C-QUAM KDAY's rap music in rapid platform motion (from side to side) over KNIX's steady Kahn signal. Also annoying is the 10 kHz het at nights when I switch to the wide bandwidth; if Sony makes another AM stereo portable they'll need to incorporate in it a 10 kHz filter.

Four years ago I predicted that stereo would not be the salvation of AM radio, and now I would have to predict that unless more stations do not improve the dynamics of their sound they'll continue losing young listeners whose ears are being well-trained by personal portable stereos to accept only the best sound through their earphones.

I see two keys to AM radio stations attracting listeners lost to FM: improvement of sound dynamics, and the availability of wideband receivers capable of decoding several AM stereo systems. The NAB's National Radio Systems Committee (see DNX, 54-17, p. 20) has a rough road ahead of it, but they're on the right track, finally. Let's hope that broadcasters will get their heads out of the sand and take notice. 73

## Daytimers Get DST Power Increase

Washington DC ... The FCC has proposed establishing a 50 W minimum power pre-sunrise authority (PSA) power level to aid daytimers that will lose a key hour of AM drive time in April, when daylight savings time (DST) is extended three weeks.

The Commission's plan, which was announced 8 January, was expected by NAB Daytimers Committee Chairman David Palmer, who predicted in the 1 December issue of RW that the FCC would, in the near future, grant DST relief to daytimers.

"I'm delighted with the news," said Palmer, VP/CM of WATH, a daytimer in Athens, Ohio. "This is essentially what happened in 1973 when the government extended DST in response to the energy crunch."

Palmer maintained that while he would have liked to see a higher PSA minimum than 50 W, he said the limit was "realistic. To expect more than what had been done in the past would be folly."

The Commission's proposal comes in response to the DST extension passed by Congress in July 1986. Starting this April, DST will start on the first Sunday in April, rather than on the last Sunday, as had been the practice.

That means sunrise will come one hour later during that three week period. Many owners of daytimers were upset that they would lose an hour of full power AM drive time because of later sunrises.

According to the proposal, daytimers with PSA authorizations of less than

50 W, or those that do not qualify for a PSA level, will be able to operate at 50 W starting at 6 AM during the three week period in April.

The Commission maintained that the 50 W PSA level would apply only from "the first Sunday in April" to "the last day of April."

Daytimers already authorized to operate with more than 50 W PSA powers would continue to do so, the FCC said. They would not be affected by the ruling.

Louis Stephens, of the FCC Mass Media Bureau's International Branch, said that not all daytimers with less than 50 W PSA or no PSA would be able to utilize the 50 W minimum, however.

"The 50 W PSA minimum is subject to the condition that no international agreements are violated," he said. Therefore, some stations, particularly those near the Canadian and Mexican borders which could cause interference beyond US borders with their 50 W PSAs may be excluded from the plan.

Stephens also said that there is a possibility that the FCC may not be able rule on the plan by April, considering the comment and reply comment time periods. In that case, he said, the Commission would implement "an interim change" that would allow stations to use

the 50 W limit even though the FCC had not officially approved the plan.

While affected stations will not have to apply to have the PSAs raised to 50 W for the three week period, they must wait for formal notification from the Commission. The FCC said it "intends to perform the necessary calculations and to issue authorizations to all affected stations in time for use next April

At RW's press time, no comment or reply deadline had been set. However, Stephens said that a mid-February comment deadline would be likely.

## New interests for Davis



E.H. EISENTRAEGER

Davis

must be approved by the Federal Communications Commission.

The new owner is DRMS Communications Inc., a consortium formed by Davis; J. Allan Rent, advertising executive and former WLBC announcer; Morry Mannies, a district agent with Peckinpaugh Associates Insurance and a 30-year veteran WLBC sports broadcaster; and David L. Smith, Ball State University telecommunications professor who is a former program director for WISH-TV of Indianapolis.

ROCKY AD REGISTAR STAR.

MUNCIE, Ind. — Cartoonist Jim Davis, creator of "Garfield," has some new interests in Muncie.

Radio stations WLBC-AM and WLBC-FM have been sold to a local investment group that includes Davis.

WLBC "is a part of Muncie's heritage," said Davis, who lives here. "To have an opportunity to carry that on, especially with the gentlemen who are involved in the new management of WLBC, it's going to be great fun."

No one connected with the sale would disclose the purchase price, although one unidentified source told the Muncie Star the price was more than \$2 million. The sale