



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 46, Number 7 Monday, December 4, 1978.

STATIC FROM HQ

There are still about 21 snopping days to go till Christmas, but it is a good time to mention that DX News will have a few schedule changes upcoming for the holidays--you will recall we added an issue at the holidays last year and will again this season, but to do it and still give the HQ staff some time off, the schedules will be adjusted as follows: DX News will appear Dec. 11, 18, 28 (Thursday) and January 8. Please note these dates and also try to contribute to the columns--the holiday times are good ones for travel and at-home DX also, so please report what you see and hear to the appropriate column! This is also true for you new members of NRC as we would like to hear from you! We have word from Joe Fela that his frequency check list is in the final typing--if you have any late changes, please send 'em to Joe at the address on the back page of the bulletin. John Kromka's contest column is inside this week and there are details also on contest number 3--it's not too late so plan to take part!

w. J. Elizabeth

CPC TESTS Times are E.L.T.

This is an explanation--it is only an explanation...due to changes in the mailing dates of DX News due to the efficiency of DX News Manager Gary Atkins we are now including tests from the week the DX News is dated. This is because so many readers tell us that their DX News arrives Saturday they can make use of the tests for that Monday. If this had been an actual emergency, you would have been instructed where to turn for.....

- December 3 KCTA-1030 Corpus Christi, Texas. 0100--??? Test will be Proof of performance including tones, and IDs every quarter hour. Sunday The station CE is looking for reports and wants to know about interference from other stations on freq. Veries to: Chief Engineer, KCTA, Box 898, Corpus Christi, Texas. Return Postage required. Arranged: Ray Arruda.
- December 4 KADE-1190 Boulder, Colo. 0200-0300 with 1 Kw ND. May use 52.1 Monday watt PSA last 5 min. of test. Signer/Arranger is NRCer Bob Greenlee, who is station manager. Prepaid calls accepted--call (303) 444-5600. KADE, 4840 Riverbend Rd., Boulder 80301.
- December 4 KRRR-1360 Ruidoso, N.M. 0400-0500. Test includes tones, IDs. Monday Veries to Arthur J. Borgemenke, CE, KRRR, Box 39, Ruidoso, N.M. 88345. Arranged: Nolan for GWDXA.
- December 4 KPCC-1240 Pasadena, Calif. 0330-0400. 100 watts. Will use 1000 Monday cycle tones, music, IDs. Reports to George Chambers, CE, KPCC, KPCC, 3844 Foothill Blvd., Pasadena 91107. Arr: Shugart/IRCA
- December 18 KDLG-670 Dillingham, Alaska. 0515-0615, 5 Kw ND. Will include December tones, voice & code IDs, DX gab and Eskimo talk. Prepaid calls to 907/842-5281. Veries from Les Robinson, GM, KDLG, Box 670, Dillingham, Alaska 99576. Arr: Ryan of GWDXA/NRC.

LOOK INSIDE

Atlantic Coast Conference Radio Network.....	2
Domestic DX Digest.....	3
International DX Digest.....	6
Citiguide To Sunset Sign-Off Times For December.....	11
Contests.....	13
Modifying The TRF For Use With SM-1 (as opposed to B&D) Use.....	15
Musings Of The Members.....	16
The Suprise Page (we have nothing if it's blank!).....	23

ACC RADIO NETWORK

Every year there are some ACC games that are not on television. Because of this, we compiled a list of the radio stations in each area that cover ACC basketball. Not all stations will carry all the games, nor do all of them broadcast 24 hours a day. At press time this list was tentative. All stations listed are AM unless otherwise noted. Those

outside the immediate ACC listening area should try tuning into stations in the larger ACC cities, since many, such as WBT in Charlotte, can be heard up and down the East Coast. We hope that this guide will be helpful to you in keeping up with the basketball action this season.

CLEMSON NETWORK

South Carolina:	
Aiken	WNCC-FM 99.3
Anderson	WANS 1280
Bamberg	WWBD 790
Barnwell	WBAB 740
Batesburg	WBLR 1430
Bennettsville	WBSC 1550
Camden	WPUB 1130
Camden	WPUB-FM 94.3
Charleston	WOKC 1340
Chester	WCMJ-FM 99.3
Columbia	WCOS 1400
Columbia	WCOS-FM 98.0
Conway	WLAT 1330
Darlington	WDAR 1350
Dillon	WDSC 800
Easley	WELP 1360
Florence	WSTN-FM 106.3
Georgetown	WINH 1470
Greenville	WFBC-FM 93.7
Greenville	WCRS 1450
Hampton	WBHC 1270
Johnston	WJES 1570
Kingstree	WWKT-FM 100.1
Lancaster	WPAJ-FM 107.1
Marion	WATP-FM 94.3
Moncks Corner	WTFW-FM 105.5
Myrtle Beach	WMYB-FM 92.1
Newberry	WKDK 1240
Orangeburg	WORC 1580
Rock Hill	WRHI 1340
Seneca	WBFM-FM 98.1
Spartanburg	WKQY 1400
Sumter	WSSC 1340
Union	WBCU 1460
Walterboro	WALD 1060
Toccoa, GA	WLET 1560

N. C. STATE NETWORK

North Carolina:	
Burlington	WPCM-FM 101.1
Charlotte	WIST 1240
Durham	WDNC 620
Durham	WDBS-FM 107.1
Edenton	WCDJ 1260
Fayetteville	WFAT 1230
Goldensboro	WYNG 1300
Statesville	W5IC 1400
Valdese	W5VM 1490
Washington	W530 930
Wilmington	WHSL 980
Wilson	WXYX-FM 106.1
N. Myrtle Beach, SC	WTRG 1520

NORTH CAROLINA NETWORK

North Carolina:	
Ahoscie	WRCS 970
Asheboro	WCGWR 1260
Brevard	WSKY 1230
Burlington	WPNF 1240
Burnsville	WBAG 1150
Chapel Hill	WKYK 940
Charlotte	WCHL 1360
Clinton	WRRZ 880
Durham	WTK 1300
Eden	WLOE 1490
Eden	WEAF-FM 94.5
Edenton	WBXB-FM 100.1
Elizabeth City	WGAI 560
Fayetteville	WFNC 940
Forest City	WBBO 780
Gastonia	WCNC 1450
Goldensboro	WGBR 1150
Greensboro	WGBG 1400
Henderson	WIZS 1450
Hendersonville	W102.5 102.5
Hickory	WIRC 630
High Point	WOKX 1590
Jacksonville	WINC 1240
Kinston	WFTC 960
Laurinburg	WEWO 1080

Lexington	W310 1340
Lexington	WBUY 1440
Lincolnton	WLXN-FM 94.1
Lumberton	WLON 1050
Lumberton	WTXB 1340
Monroe	WMAF 1060
Montgomery	WCKX-FM 92.1
Mt. Airy	W5YD 1300
Mt. Olive	WDJS 1430
New Bern	WRNB 1490
North Wilkesboro	WKBC 810
Plymouth	WPNC 1470
Raleigh	WRAZ-FM 101.5
Red Springs	WYRU 1510
Roanoke Rapids	WCBT 1230
Rockingham	WLWL 1500
Rocky Mount	WEED 1390
Rocky Mount	W5XD 1430
Salisbury	WSAT 1280
Sanford	WVGB 1050
Shalotte	WDZD-FM 93.5
Shelby	WADA 1390
Siler City	WNGA 1570
Smithfield	WMPM 1270
South Pines	WEEB 990
Tarboro	WCPS 760
Wadesboro	WADE 1210
Wallace	WLSE 1400
West Jefferson	WKSK 580
Williamston	W1AM 900
Williamston	WSEC-FM 103.7
Wilmington	WMFD 630
Wilson	WVOT 1420
Winston-Salem	WAIR 1340

VIRGINIA NETWORK

Virginia:	
Big Stone Gap	WLSL 1220
Charlottesville	WJVA 1070
Charlottesville	WQMC-FM 95.3
Covington	WKEY 1340
Fairfax/D.C. Metro	WEL 1310
Farmville	WSLO 870
Lynchburg	WLL 930
Martinsville	WVVA 1450
Norfolk	WHNE 1350
Orange	WJMA 1340
Orange	WJMA-FM 96.7
Pulaski	WPUL 1580
Pulaski	WPUL-FM 107.1
Richmond	WRVA 1140
Roanoke	WFIR 960
South Boston	WHFL 1400
South Boston	WILC-FM 97.5
Stanton	WTON 1240
Waynesboro	WVAB 1490

WAKE FOREST NETWORK

North Carolina:	
Asheboro	WZOO 710
Asheboro	WSKY 1230
Beaufort	WBML 1470
Belmont	WCGC 1200
Burnsville	WKYK 1540
Burlington	WBAG-FM 93.9
Chapel Hill	WRBX 1530
Charlotte	WIST 1240
Clayton	WHYP 1590
Clinton	WCLN 1170
Durham	WDUR 1490
Edenton	WBXB-FM 100.1
Elizabeth City	WGAI 560
Fairmont	WKYK-FM 100.9
Forest City	WBBO-FM 93.3
Greensboro	WCOC 1320
Greensboro	WOKN-FM 102.3
Greenville	WOOV 1340
Havelock	WKVO-FM 104.9
Jacksonville	WJNC 1240
Kannapolis	WRKB-FM 93.7
Kinston	WRNS-FM 95.1
Lenoir	WJRI 1340
Laurinburg	WSTS-FM 96.5
Lumberton	WAGR 580
New Bern	WRNB 1490
Plymouth	WPNC 1470
Rocky Mount	WKRX-FM 96.7
Rocky Mount	WEED 1390
Reidsville	WREV 1220
Scotland Neck	WYAL 1280
Southern Pines	WIOZ-FM 107.1
Spring Lake	WIFS 1450
Valdese	W5VN 1490
Wallace	WLSE 1400
Washington	WITN 930
Weldon	WPIL 1340
Windsor	WBTE 990
Wilmington	WGNI 1340
Wilson	WYD-FM 106.1
Wilkesboro	WWWC 1240
Winston-Salem	WSIS-FM 600

MARYLAND NETWORK

Maryland:	
Annapolis	WNAV 1430
Baltimore	WFB 1300
Bel Air	WVOB 1520
Cambridge	WCEN 1240
Cambridge	WESP-FM 106.3
Chestertown	WCTR 1530
Cumberland	WCMF 1230
Easton	WEMD 1460
Easton	WEMD-FM 96.7
Frederick	WFMD 930
Hagerstown	WARK 1490
Hagerstown	WWCS-FM 106.9
Havre de Grace	WASA 1330
Havre de Grace	WHDG-FM 103.7
Leonardtown	WKIK 1370
Oakland	WMSG 1550
Oakland	WMSG-FM 92.1
Ocean City	WETT 1550

Kelly Andrews

THEY JOINED

Welcome!!!! Support your club. We'll be glad to help new MW DXers get started. Just ask.

James Glover, 195 Leonard Run, Limestone, N.Y. 14753
 Frank John Petrick, 306 Twistrun Road, RD #3, Endicott, N.Y. 13760 (Re-joins)
 Mark L. Mitchell, WB8BYE, 1912 Geddes, Ann Arbor, Mich. 48104
 Jerry L. Leon, 439 Willow Way, West Chester, Penna. 19380
 Bryan Lee, P.O. 69, Brooklyn, Connecticut 06234
 Barry Wasylik, 307-925 Chancellor Drive, Winnipeg, Manitoba R3T 2J9

DOMESTIC
DX DIGEST

RAY ARRUDA
 47 BURT STREET
 ACUSHNET, MASS. 02743
 (617) 998-3958

Karl Jeter, your UNID 1190 was indeed WKOX Framingham, nice goin!

DX TEST

KUOM - Not heard 11/7 by FO or RA.

KFAY

"THE BEST COUNTRY IN THE COUNTRY"

Box 878 - Fayetteville, Arkansas 72701

1st Mon. WCNO-1240 w/TT/VIDs (TB)
 KXIV-1400 w/TT/VIDs 0216-0222, 1st sez 0245-0300. (FO)
 KVSU-1450 per 1st (FO)
 KOUZ-1490 per 1st (FO)

1st Tue. KINO-1230 per 1st 0227-0230 w/TT/IDs (FO)

1st Thu. WCPM-1280 w/TT/VIDs (TB)

1st Fri. KFVS-960 w/TT/VIDs (TB)

WHIC-1520 ID noted 0545, gone 0547 u/WKBW. (TB)

2nd Mon. WHCC-1400 w/TT, long phonetic IDs (KVJ)

KBIM

P. O. BOX 910

ROSWELL, NEW MEXICO 88201

SUNDOWN

- 610 WIOD FL MIAMI - 11/13 2030 good o/u WIP w/jr ID, Mutual Nx. (WPT)
 650 WSM TN NASHVILLE - 11/14 1632 fair 70 mins. before LSS w/talk show. (WPT)
 730 WARB LA COVINGTON - 11/7 s/off 1800, anner's name sounded like Dave Curtis, ments. 250W daytime power. (KVJ)
 OKAC PQ MONTREAL - 11/7 xint 1810-1814 w/sports, end of nx, SID, IDs, promos. (KVJ)
 WPIT PA PITTSBURGH - 11/11 1645 good alone w/FM promo. (PRM)
 WPIK VA ALEXANDRIA - 11/11 1658-1700 very good w/G&W, mention of WRA-FM, then s/off. (PRM)
 WFMC NC GOLDSBORO - 11/11 good @ s/off o/WPIK 1700, very detailed s/off annmt. (PRM)
 WJYM OH BOWLING GREEN - 11/11 good after WPIK/WFMC s/off w/IDs @ 1700, UPI Nx. (PRM)
 UNID -- ----- 11/11 1713 good w/MoR mx, then 1715 s/off, ID sounded like WOMJ. (PRM)
 KWRE MO WARRENTON - 11/11 good 1716 w/FB scores, G&W mx & talk 1722-1729, "Country Service Radio". (PRM)
 830 WOCO MN MINNEAPOLIS - 11/14 1237 signal very poor & choppy u/WNYC, barely audible, farthest midday logging @ 925 miles. Hoping for better signal this winter. (WPT)
 WNYC NY NEW YORK - 11/14 1235 noted w/talk, Log sez LKW, but by strength of signal seemed like 5-10KW! (WPT)
 870 WHOU NY ITHACA - 11/8 1637 Nx, wx, ID by OM, positively IDed w/good signal. (WPT)
 950 KLIK MO JEFFERSON CITY - 11/13 1749 Steve Mitchell Show, spots followed by ABC Contemp NX 1755, this 1st heard previous nite on car radio! (KVJ)
 KPRC TX HOUSTON - 11/13 1817 w/traffic report & sports. (KVJ)
 KXJK AR FOREST CITY - 11/13 1747 promo, nx, spot for local Bank.
 1080 WOAP MI OWOSSO - 11/14 1715 s/off noted u/WTIO. (ERS) (KVJ)
 1130 WCBX NC EDEN - 10/25 1845 s/off o/WNEW, no SSB. (HJH)
 1170 WCLN NC CLINTON - 11/11 1703 sneaking u/WVVA w/nx, wx. (TB)
 1220 KFSC CO DENVER - 10/25 2014 s/off noted in SS. (FO)
 1250 KNEU UT ROOSEVELT - 10/25 2029 noted w/area ments. of Vernal & Duchesne, Utah. (FO)
 CHWO ON OAKVILLE - 11/11 1620-1630 good w/foreign lang. pgm, then ID in EE & talk of other pgms. Foreign QRM. (PRM)
 1420 WVJS KY OWENSBORO - 11/4 1857 in the clear w/nx. (TB)
 1470 CHOW ON WELLDAN - 11/11 1608 good ending sports one hour before LSS "broadcasting from our country estate", DJ Wild Bill playing O&W mx. (PRM)
 1530 WFIC VA GOLLINSVILLE - 10/31 1745 in the clear w/s/off. (HJH)
 WCRJ FL JACKSONVILLE - 11/15 1655-1705 dominating freq. w/religion, APR Nx @ 1700. (ERS)
 1570 WYTI VA ROCKY MOUNT - fair w/ads u/CKLM 1714-1715 s/off 11/7. (MD)
 KOLS OK PRYOR - 10/23 1954 promo for KKMA-FM. (FO)

1530 KNIX AZ TEMPE - 10/31 incredible sig. 3 1955, took deep fades. Q&W mx & several IDs, nx 3 1955, s/off @ 2000. (HJH)
 KWED TX SAGUIN - 10/23 1948 w/FM promo & ad for Hallmark Cards. (FO)
 WBBR SC TRAVELERS REST - 11/14 1730 noted briefly @ s/off. (ERS)
 WGOB IL URBANA - 11/13 noted 1745 3 s/off ments. "our service is a product of the free enterprise system....." (KVJ)
 1590 WDBL TN SPRINGFIELD - 11/13 fair w/local nx 1733, spot for Roscoe Halsey's 66 Service Center. (KVJ)
 1600 WFRG NC REIDSVILLE - 11/11 fair/loud 1745-1818 w/Rock, IDs as "16-FRC" Turkey Trot 1755, legal ID in jx 1800. WEUP/CHNR/WAAM JRM. (PRM)

EARLY IN THE MORNING

540 KWMT IA FORT DODGE - 11/7 0206-0501 noted on ET/TT/IDs most of morning. (FO)
 550 KTSA TX SAN ANTONIO - 11/13 0132-0136 fair w/Rock, ID, promo @ 0132, WKRC & Cuban JRM, QRN, long fades, new. (PRM)
 600 WMT IA CEDAR RAPIDS - 11/11 0330 good w/teletalk o/Cuban w/TC, long descriptive ID. (PRM)
 740 KOMO TX TEXARKANA - 10/29 0200-0330 tune out, weak/fair w/O&W mx, breaks every 15 mins. "KTAL-98.1" ID. KRMG off. (HJH)
 WKIS FL ORLANDO - 11/7 0111-0130 good w/light Rock, ads. (MD)
 760 WOPB NC TARBORO - 11/8 0659 spot for local jewelry store. (TB)
 790 WNEWS FL SOUTH MIAMI - 11/13 0242-0246 fair atop jumble w/talk show, "Newsradio 79." (MD)
 860 KONO TX SAN ANTONIO - 11/11 0138-0151 fair w/rr u/XEUN. (MD)
 WDMG GA DOUGLAS - 11/13 0541 promo for GA Tech FB game on WDMG. (FO)
 900 KOLW TX HAMILTON - 10/25 0843 noted w/ads, spot for Chevy dealer. (FO)
 920 WMMN WV FAIRMONT - 11/13 good 0029 w/Steelers post-game show, local spots 0033, 1s on Steelers FB Net, ID, then nx. (PRM)
 980 KMBZ MO KANSAS CITY - 11/6 0145 ID, promo for contest drawing, WRC in SP, which appears to be off every MM, thanks WPT. (TB)
 WFHG VA BRISTOL - 11/13 0250 running ET again w/WRC off. (TB)
 990 CBW MB WINNIPEG - 11/8 0559 standard CBC s/on noted. (FO)
 1070 KNX CA LOS ANGELES - 11/10 0302-0309 fair/good o/jumble w/nx. (MD)
 WFLI TN LOOKOUT MOUNTAIN - 11/20 0059-0145 still another loud ET w/mx, IDs @ 0112 & 0135 ments. of 50KW daytime power. (RA)
 1080 WTIC CT HARTFORD - 11/20 noted off in passing freq. @ 0123 leaving only a weak KRLD w/ABC Nx net program. (RA)
 1190 WKOX MA FRAMINGHAM - 11/13 WOWO off, heard weak ID 0309, Dave Mason mx, varying TT's. ID sounded like WKAX, but heard ments. of Framingham, can anyone verify if this was on for sure? (KVJ).....11/13 ET/TT along w/WOWO 0345-0400. (ERS)
 1230 WBOB LA NEW ORLEANS - 11/13 0210 announcing phone # to call by black DJ. (FO)
 KXO CA EL CENTRO - 11/13 0253 NBC Nx program, ID @ 0255. (FO)
 WFAI NC FAYETTEVILLE - 11/13 fair w/TC @ 0231, WFAI jx. (PRM)
 1240 KXOX TX SWEETWATER - 11/8 0302 w/ments. O&O by Stein Broadcasting Co. of Sweetwater. (FO)
 WJTN NY JAMESTOWN - 11/11 good 0353 w/inst. mx, then ID 0400 for AM-FM, into nx. (PRM)
 WKDA TN NASHVILLE - 11/13 good o/QRN 0243 w/O&W mx, Chevy contest promo, ID 0246 "WKDA Nashville Country." (PRM)
 1250 KWSU WA PULLMAN - 11/13 0253 wx, ments. of College Hill, nx, then s/off @ 0300. (FO)
 1260 WBBG OH CLEVELAND - 11/13 think it was they w/oldies 0305-0314 after NBC Nx @ 0300. Jingle after nx sounded like (PRM) WBBG, thought they were talk format, QRN from WNDZ/WNDC.
 1300 WOOD MI GRAND RAPIDS - 11/13 0508 w/local wx. (FO)
 1310 KLIK ID TWIN FALLS - 11/9 0244 on RS w/no sign of usual pest K144. (FO)
 1320 KOPX UT SALT LAKE CITY - 11/13 0323 local wx u/KXYZ. (FO)
 1340 KWKC TX ABILENE - 11/13 0436 promo for consumer hotline pgt. (FO)
 1330 KKZZ JA LANCASTER - 11/13 0326 ET/TT/ID, gave location of KR, studio, ments. of using phone link. (FO)
 KLIZ MI BRAINERD - 11/13 0327 only thing noted was ID, "KLIZ." (FO)
 1390 WVON IL CHICAGO - 11/11 very good 0140 w/Soul mx, ID, TC o/WFBL & UNID running ad/3 nx @ 0132. (PRM)

1420 WOC IA DAVENPORT - 11/11 good u/WK w/EZL mx 0145 into wx, ID, hoping for WWSR-VT testing. (PRM)
 1430 WEIR WV WEIRTON - 11/11 good 0143 w/Rock mx, YL DJ, Steelers promo, ments of Holiday Inn, detailed VID, more Rock. (PRM)
 1460 KSO IA DES MOINES - 11/13 fair w/O&W, jx 0051, WOTB/WBS JRM. (PRM)
 1490 WMPX MI MIDLAND - 11/11 atop 0300 w/ID, mentioning "Midland County, WMPX" into UPI Nx, call to station confirmed. (PRM)
 WYTL WI OSKOSH - 11/11 good 0237-0250 w/O&W mx, YL DJ, spot for Mark Furniture in Neenah, ID, wx 0243. (PRM)
 1500 WDEB MI DETROIT - 11/11 good w/contest promo @ 0255. (PRM)
 1550 WMOO AL MOBILE - 11/2 0116 running ET. (TB) 11/13 0320 on ET/nx/IDs, PSA's. (ERS) Give me a call no matter what time you hear this guy, everyone has em but me! (RA)
 1560 WDXR KY PADUCAH - 11/13 fair ending NBC Nx 0106, s/off w/no 3SB, mention of Box 2427, JRM from WQXR, & slight CBE slop. (PRM)
 KKAA SD ABERDEEN - 11/13 weak 0110 ending Drug talk, gave address in SF (?) wx, then what sounded like a prayer, then louder 0113 w/full ID, nothing else heard. State #33. (PRM)
 1580 UNID -- ----- - 11/9 0231 to past 0300, mostly OC, weird nx 0231, couple of PSA's then OC on past 0300, no ID. (TB)
 1590 WJSO TN JONESBORO - 11/10 0323 on ET/OC/nx/VIDs through 0339 wiping out WAKR.

That's going to do it this time around. Please remember to include the date & time on each item you send along. Hope everyone had a nice Thanksgiving...a good time to be thankful that we live in this great country and not someplace else, where we might not be as well off.
 73... *Ray*

THE BIG 9

TB Thomas Bull, Washington, DC	HQ-190, I think
MD Marc DeLorenzo, Centerville, MA	HQ-100, SMI
HJH Harry Hayes, Gouldsboro, PA	Zenith T-0, SM2
KVJ Karl Jeter, Atlanta, GA	HQ-150, TRF, SM2
PRM Paul Mount, Nelsonville, OH	Radio Duplicaio
FO Forest E. Osborn, Hooker, OK	HQ-150, SX-99, Loop, LW, SM2
ERS Elliot R. Straus, West Orange, NJ	R-390A, 500 mile LW
WPT William P. Townshend, Washington, DC	TRF
RA Ray Rocket, Cush Net, MA	SX-122, SMI



MONTPELIER BARRE

MR. HARLEY E. STEWARD
 4220 FRENCH ST.
 ERIE, PA. 16504

DEAR MR. STEWARD

THIS WILL CONFIRM YOUR RECEPTION REPORT OF OCTOBER 30th. THE SPECIAL BX TEST WAS RUN FROM MIDNIGHT UNTIL 1:10 AM. THE PROGRAM MATERIAL CONSISTED OF 1000HZ TONE, I.D.'S AND TIJUANA BRASS MUSIC. FOR THIS SPECIAL TEST WE RAN AT FULL POWER OF 1000 WATTS.

THANK YOU VERY MUCH FOR YOUR RECEPTION REPORT. I HOPE THAT IN THE NEAR FUTURE WE CAN CONDUCT ANOTHER TEST.

ONCE AGAIN, MANY THANKS.

SINCERELY,

David R. Crosby

DAVID R. CROSBY
 SALES AND SPECIAL PRODUCTIONS.



P.O. Box 1107, Harrisonburg, Va. 22801

INTERNATIONAL DX DIGEST

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

CHUCK HUTTON
P.O. BOX 2087
DECATUR, GA 30030
(404) 633-1198
BEFORE 2300 ELT

- 540 DOMINICAN REPUBLIC Santo Domingo HIGH, R. ABC s/on with NA 0858 11/12 atop YVOK. (Hoogerheide)
- 540 VENEZUELA R. Perija, great signal atop two weaker stns 11/12 at 0800. (Hoogerheide) Heard with instrumental mx, ID at 1747 on 11/2 (All Souls Day). Heard again on 11/13 w/pgm "Venezuela Internacional" at 0415, Venezuelan pop mx. (Objio)
- 548 ALGERIA Oran fair with moaning 2259 11/7. Xlnt (S9+30 dB) w/a-capella chanting 0508-0530 11/11. (Connelly)
- 570 VENEZUELA Villa de Cura R. Rumbos w/local baseball game through R. Cristal, Santo Domingo who had an open carrier, at 0032 on 11/3. (Objio)
- 575 COSTA RICA San Jose (I guess), calls unk. Very strong w/R. Nacional ID by deep voiced SS GM anncr at 0545 10/21. (Kazaross) TIRN-CH
- 580 MEXICO XEPI R. Mexicana AN w/yelled "Mexicana" ID's between records 11/7. (Hoogerheide)
- 580 PUERTO RICO WKAQ San Juan ID'ing at 0420 w/local mx 11/13. (Objio)
- 610 GUATEMALA unid stn with numerous mentions of Guatemala, and ID's including "en Guatemala,...." but no slogan. Much too strong for the only listed Guatemalan TGGA, who's only 500 watts. (Hutton)
- 611 MOROCCO Sebaa-Aioun w/female chant getting through slop from unusually loud WIP; WGR null 2306 11/8. (Connelly)
- 638 SPAIN La Coruna et al poor w/SS talk 2310 11/10. (Connelly)
- 650 HAWAII KORL Honolulu with rock and a fairly good signal. Good ID. (Goodlett) Time?? Date??
- 650 UNID weak SS bearing about due south during extreme AU cx at 0915 11/4. Any ideas? Too early and weak for the YV. Is Monserrate in Bogota AN now? (Kazaross) The HJ is AN and has been for years. The YV signs on at 0900-CH
- 665 PORTUGAL Lisbon in w/PP talk u/brutal WRKO/WNBC splash, 2306 on 11/10. (Connelly)
- 670 COLOMBIA Medellin, R. Calidad pop mx and ID at 0428 on 11/13, very good. (Objio)
- 675 COSTA RICA San Jose TICN, R. Sonora, "Emisora de la Cadena Musical" ID at 0431 after a record by Nelson Ned, very popular singer, announcing 24 hours operation a day on 11/13. (Union Radio, Managua not heard). (Objio) Union moved to 680 a few years back-CH +Good signal w/many ID's such as "R. Sonora, la emisora Costa Rica" 0330 11/2. (Lankford)
- 690 COLOMBIA Bogota HJGZ LV de Colombia, very good 0330-0405 11/10 o/WTLX/Progreso w/SS man, local mx. (Krueger)
- 700 COSTA RICA TIHB R. Reloj good w/SS rock in WLW null 0756-0800 11/13. (DeLorenzo)
- 701 ANDORRA/MOROCCO La Vieja dominant w/apparent FF talk by woman o/u AA mx from Sebaa-Aioun 2305 11/10. (Connelly)
- 710 PUERTO RICO WKJB Mayaguez as a local station w/pop mx and ads at 1755 on 11/2. (Objio)
- 719 PORTUGAL Norte xlnt w/instrumental mx, then man in PP 2251 11/8. Xlnt again: mx by man in PP at 2302 and by woman at 2303 on 11/10; other stn audible behind w/female vocal, probably the Tunisian. (Connelly)
- 725 COLOMBIA R. Melodia, Bogota heard very good at 0438 through local WIZ open carrier, looped, at 0435 11/13. (Objio)
- 730 COLOMBIA R. Melodia, Bogota heard very good at 0438 through local WIZ open carrier, looped, at 0435 11/13. (Objio)
- 737 SPAIN Barcelona fair to good w/SS talk 2308 11/8-728 heard weakly and apparently //737. Loud w/man in SS, then musical interlude followed by clear ID "Esta es Radiotelevision Espanola", after that mx by man and woman in SS 2300 11/10. (Connelly)

- 737 SPAIN Barcelona weak w/mx and audio in splash at 2245 10/9. (Kaz)
- 740 VENEZUELA Maracaibo YV.C fair w/ID at 0910 11/4. (Kazaross)
- 746 UNID carrier and fast SAH. Dominant signal looped .. Europe, so probably Holland. It had man and woman announcing team, audio not clear enough to determine language 2315 11/10. (Connelly)
- 750 COLOMBIA/JAMAICA JBC with songs, heard right over La Voz de Antioqui Medellin, with the help of the loop, the latter with a beauty contest of all Colombian departments in order to select Miss Colombia for participation in the Miss Universo contest, dresses worn by the girls were very detailed described at 0445 on 11/13, through CARACOL. (Objio)
- 750 JAPAN JOIB Sapporo. English-Japanese language lab with very strong signal. Couldn't believe the RF was picking this up. My first non-Hawaii TP. (Goodlett)
- 750 VENEZUELA R. Caracas, IDing at 1757 w/pgm "Tele-Caracas", very good, ads 11/2. (Objio)
- 755 PORTUGAL Lisbon xlnt w/cl mx, 2310, 11/8-easy listening quality in 4 kHz bandpass. (Connelly) RDP Lisbon xlnt w/cl mx, man and woman in PP 2226-2247 11/7. (DeLorenzo)
- 760 CUBA Havana QMKD Reloj Nacional all powerful 11/14 0100. (Hoogerheide)
- 760 HAWAII KGU Honolulu w/gazz pgm and strong signal with plenty of ID's. (Goodlett)
- 765 SENEGAL Dakar fair w/male AA vocal 2301 11/7. AA talk at local strength, bombing out adjacent domestics, on car rx in Belmont 2240 11/10. (Connelly) Very good w/talk in vernacular at 2250 on 10/20. (Kazaross)
- 770 JAPAN Akita JOUB poor signal u/KOB but //to 750 JOIB. (Goodlett)
- 773 SPAIN/UNID AA possibly the Egyptian here w/AA chants often atop the Spaniard (which had SS talk by man)-signal to good peaks 2320 11/10. The 2 stns were nearly zero beat (SAH about .1 Hz); Spain rose atop to very potent levels by 2322. (Connelly)
- 773 UNID a new, presumed LA first noted here 11/7 0415-0430 and every evening since up to 11/11. (Lankford)
- 775 COSTA RICA San Jose TIW, R. Uno weak signal 0400 11/12. (Hoogerheide)
- 782 PORTUGAL RDP Miramar fair w/woman in PP 2220 11/7. (DeLorenzo) Porto-Miramar good o/feeble WBBM het on car radio in Cambridge-woman in PP noted at 2215 11/7. Good w/classically influenced pop instrumental mx 2312 11/8. Xlnt w/PP talk 2322 11/10. (Connelly)
- 790 COLOMBIA Medellin R. Junin ID at 0456 on 11/13, ads and pop mx. (Objio)
- 809 SPAIN Sevilla fair thru WCY slop w/rock mx including "Barracuda" by Heart 0547 11/11. (Connelly)
- 818 ANDORRA La Vieja loud o/WOSU het on car rx in Boston 2210 11/7. Loud on car rx w/"MacArthur Park" by Donna Summer, then woman in FF 2208 11/9. (Connelly) Xlnt w/man and woman in FF, FF pop mx 2213-2219 11/9 covering Rabat. (DeLorenzo)
- 818 MOROCCO Rabat noted w/AA violins poor through TV QRM 2316 11/8. Good w/male AA vocal atop low growl from other stns 2349 11/10. (Connelly) Rabat good w/group chanting in AA 2209 11/9; good w/man wailing in AA, sitar mx 2222-2227 11/11. (DeLorenzo)
- 827 MOROCCO Oujda loud w/AA violins //weaker 818, 2316 11/8. Several other stns created an SAH jumble u/Morocco. (Connelly) Fair w/AA chanting 2354 11/9. (DeLorenzo)
- 830 UNID assumed Niwaragua Ocotal, R. Pinares YNMG w/0400 s/off using NA. (Lankford)
- 830 DOMINICAN REPUBLIC HIJB, Santo Domingo s/off w/NA at 0459 on 11/13 (I did not know they were on the air till this time on Sundays). After finishing the NA not more than 10 seconds later carrier was cut and R. Vision, Medellin was heard with the Colombian beauty contest. (Objio)
- 836 FRANCE (tentative) possible FF talk on fair strength carrier in merciless WHDH slop, AA mx seemed to be in there too-possibly the same stn 2318 11/8. (Connelly)
- 840 COLOMBIA Santa Marta HJBI believed the one w/a mention of Colombia at 0455 10/9 u/WHAS and Cuba. (Kazaross)
- 840 HAITI Cap Haitien fair w/1000 s/on in FF with prayer on 11/4. (Kaz)
- 840 UNID who would be the SS under my local WHAS on auroral nites? Can't make out anything as WHAS too loud 0100 11/12. (Hoogerheide) Cuba is most likely, followed by Colombia-CH
- 850 GREENLAND unknown, 10/22 0312-0329, rr mx w/YL anncr, familiar Greenland pips with brief YL talk between at 0330, followed by instrumental mx, possibly an anthem. Similar pips at 0330 were noted on 570/650/700 last year in MB just before s/off. Audio quality poor, a "wire-fence" type net connection, though signal quite strong.

(850, continued) Possibly located in northern Greenland with low power, as strong as AFRTS 1210, Thule. (Vernon)

860 CUBA QM?? unlisted R. Reloj unfortunately heard 11/17 at 0517 with a fair signal. Wouldn't you know it-Clarín stops running AN and within a short time along comes an unneeded Reloj to screw things up-(Hutton)

860 DOMINICAN REPUBLIC Santo Domingo, R. Clarín s/off at 0505 on 11/13 w/NA. (Objio)

860 MEXICO Mexico City XEUN fair w/NA and s/off 0606 8/28. (Kazaross) Very good w/cl organ mx 0635-0656 11/11; s/off by man in SS at 0700 mentioning XEYU 9600 //. (DeLorenzo)

860 MEXICO XEMO Tijuana w/EE religion 0800 11/12-report taken. (H-heide)

860 VENEZUELA R. Vision, Cristobal w/R. Clarín off, heard w/local BB game at 0040 on 11/3. (Objio)

870 COLOMBIA Ibaguè HJLA suspected w/Colombia mention, weak sig w/WWL after WHOA fadeout at 1045 11/4. Do you know if HJLA is AN now? (Kazaross) Sorry-no idea-CH

871.5 VENEZUELA Caracas YVKU I'm quite sure is the stn here. Noticed a strong het on WHOA at listed s/on time on 0955. I heard this s/off at 0356 w/YV anthem in the summer. (Kazaross) Definitely YVKU here per taped ID's-CH

872 SPAIN/UNID man in SS o/u orchestral mx-neither signal impressive, often in slop 2320 11/8. Fast SAH (about 10 Hz)-I think there's an AA stn hiding in that mess somewhere-noted at 2353 11/10. (Connelly)

880 USA WCB5 New York very good w/sports mx at 0513 on 11/13. 45 degrees in Manhattan after the weather report. (Objio)

890 COLOMBIA Bogota HJCE, LV de Bogota great w/WLS off 11/12 at 0900. (Hoogerheide)

890 PANAMA R. Libertad, La Voz de la Revolucion like a local w/apparent s/on 1000 11/12 but within 30 seconds inaudible u/HJCE. Location? Power? (Hoogerheide) Hmm. R. Libertad listed on 840 and I heard them there as recently as last spring. The Panamanian listed on 890 has moved to 870, so maybe Libertad moved from 840 to the newly vacant 890. (CH)

914 SURINAM RANI at 0055 on 11/3 with Hindu chanting, vy good. (Objio)

917 SPAIN Madrid to fair peaks w/rock mx 2358 11/10. (Connelly)

920 DOMINICAN REPUBLIC Santo Domingo R. Triunfo, this is a new stn in Santo Domingo heard testing some days ago, but today 11/12 they were ID'ing with this name and a contest for taxi drivers. (Objio)

944 FRANCE Toulouse very good w/AA mx then SS pgm, R. France ID o/ feeble LA het from 945 0540 11/11. (Connelly) Xlnt w/"Ici Radio France" 2200 11/10, then into either SS or II pgm on France Culture Net. (DeLorenzo)

960 COLOMBIA Magangue HJHN R. Sutatenza in complete clear for the first time here around 0103 11/11 w/much SS talk then ID. (Kn'ly)

989 SPAIN Madrid briefly in at strong clear level: female vocal rock song, then woman in SS followed by EE male vocal of late 60's album hit "Hey Joe", 0004 11/11. (Connelly)

1010 COLOMBIA HJOP R. Sutatenza w/ID's, weak 11/8 0300. (Hoogerheide)

1015 EL SALVADOR San Salvador R. Internacional YSG good signal w/"YSG San Salvador" ID 0415 11/2. (Lankford)

1025 SPAIN (tentative) SS talk noted briefly through slop from nulled WBZ 0009 11/11. LA's on 1025 are seldom heard here and, as this reception was during an xlnt Iberian peninsula opening, Spain is assumed. (Connelly)

1034 PORTUGAL Porto Alto CSB2 presumed the PP 0601-0615 11/9. (Lankford) Noted w/low key PP talk by man, good w/WBZ nulled 0011 11/11. (Connelly) Good w/man in PP, accordion mx 0656-0700 11/13; pips, ID, and mx at 0700 followed by PP folk mx. (DeLorenzo)

1037 UNID fair signal, no audio 0040 11/11. (Lankford) First noted MM 11/13. Taped ID is fairly good, but I'm only 51% sure it is R. Primavera, Colombia. (Hutton)

1043 MOROCCO Sebaa-Aloun good w/man in FF 2253 11/7. Very strong w/ Beatles song "No Reply" 0020 11/9, WBZ nulled. In w/outstanding local like signal; several cuts from Beatles Revolver album were played 0013 11/11. A Moroccan version of a Beatle Weekend? (Connelly) Not a bad station. Last year I would occasionally stop and listen to them for entertainment-CH. Loud and clear w/FF rock mx 2256-2300 11/9, man in FF 2300-2310; also loud and clear w/FF rock, man in FF 0639-0653 11/13. (DeLorenzo)

1043 UNID strong TA carrier, no audio 0615 11/9. (Lankford) Bet you can't guess wh-CH

1050 DOMINICAN REPUBLIC Santiago LV de la Hispaniola 0046-0052 11/10 w/fast mx, SS man w/many ID's. Xlnt. (Krueger)

737 SPAIN Barcelona weak w/mx and audio in splash at 2245 10/9. (Kaz)

740 VENEZUELA Maracaibo YV.C fair w/LD at 0910 11/4. (Kazaross)

746 UNID carrier and fast SAH. Dominant signal looped .. Europe, so probably Holland. It had man and woman announcing team, audio not clear enough to determine language 2315 11/10. (Connelly)

750 COLOMBIA/JAMAICA JBC with songs, heard right over La Voz de Antioqui Medellín, with the help of the loop, the latter with a beauty contest of all Colombian departments in order to select Miss Colombia for participation in the Miss Universo contest, dresses worn by the girls were very detailed described at 0445 on 11/13, through CARACOL. (Objio)

750 JAPAN JOIB Sapporo. English-Japanese language lab with very strong signal. Couldn't believe the RF was picking this up. My first non-Hawaii TP. (Goodlett)

750 VENEZUELA R. Caracas, IDing at 1757 w/pgm "Tele-Caracas", very good, ads 11/2. (Objio)

755 PORTUGAL Lisbon xlnt w/cl mx, 2310, 11/8-easy listening quality in 4 KHz bandpass. (Connelly) RDP Lisbon xlnt w/cl mx, man and woman in PP 2226-2247 11/7. (DeLorenzo)

760 CUBA Havana QMKD Reloj Nacional all powerful 11/14 0100. (Hoogerheide)

760 HAWAII KGU Honolulu w/Buzz pgm and strong signal with plenty of ID's. (Goodlett)

765 SENEGAL Dakar fair w/male AA vocal 2301 11/7. AA talk at local strength, bombing out adjacent domestics, on car rx in Belmont 2240 11/10. (Connelly) Very good w/talk in vernacular at 2250 on 10/20. (Kazaross)

770 JAPAN Akita JOUB poor signal u/KOB but //to 750 JOIB. (Goodlett)

773 SPAIN/UNID AA possibly the Egyptian here w/AA chants often atop the Spaniard (which had SS talk by man)-signal to good peaks 2320 11/10. The 2 stns were nearly zero beat (SAH about .1 Hz); Spain rose atop to very potent levels by 2322. (Connelly)

773 UNID a new, presumed LA first noted here 11/7 0415-0430 and every evening since up to 11/11. (Lankford)

775 COSTA RICA San Jose TIW, R. Uno weak signal 0400 11/12. (Hoogerheide)

782 PORTUGAL RDP Miramar fair w/woman in PP 2220 11/7. (DeLorenzo) Porto-Miramar good o/feeble WBBM het on car radio in Cambridge-woman in PP noted at 2215 11/7. Good w/classically influenced pop instrumental mx 2312 11/8. Xlnt w/PP talk 2322 11/10. (Connelly)

790 COLOMBIA Medellin R. Junin ID at 0456 on 11/13, ads and pop mx. (Objio)

809 SPAIN Sevilla fair thru WY slop w/rock mx including "Barracuda" by Heart 0547 11/11. (Connelly)

818 ANDORRA La Vieja loud o/WOSU het on car rx in Boston 2210 11/7. Loud on car rx w/"MacArthur Park" by Donna Summer, then woman in FF 2208 11/9. (Connelly) Xlnt w/man and woman in FF, FF pop mx 2213-2219 11/9 covering Rabat. (DeLorenzo)

818 MOROCCO Rabat noted w/AA violins poor through TV QRM 2316 11/8. Good w/male AA vocal atop low growl from other stns 2349 11/10. (Connelly) Rabat good w/group chanting in AA 2209 11/9; good w/man wailing in AA, sitar mx 2222-2227 11/11. (DeLorenzo)

827 MOROCCO Oujda loud w/AA violins //weaker 818, 2316 11/8. Several other stns created an SAH jumble u/Morocco. (Connelly) Fair w/AA chanting 2354 11/9. (DeLorenzo)

830 UNID assumed Niwaragua Ocotal, R. Pinares YNMG w/0400 s/off using NA. (Lankford)

830 DOMINICAN REPUBLIC HJJB, Santo Domingo s/off w/NA at 0459 on 11/13 (I did not know they were on the air till this time on Sundays). After finishing the NA not more than 10 seconds later carrier was cut and R. Vision, Medellin was heard with the Colombian beauty contest. (Objio)

836 FRANCE (tentative) possible FF talk on fair strength carrier in merciless WHDH slop, AA mx seemed to be in there too-possibly the same stn 2318 11/8. (Connelly)

840 COLOMBIA Santa Marta HJBI believed the one w/a mention of Colombia at 0455 10/9 u/WHAS and Cuba. (Kazaross)

840 HAITI Cap Haitien fair w/1000 s/on in FF with prayer on 11/4. (Kaz)

840 UNID who would be the SS with my local WHAS on auroral nites? Can't make out anything as WHAS too loud 0100 11/12. (Hoogerheide) Cuba is most likely, followed by Colombia-CH

850 GREENLAND unknown, 10/22 0312-0329, rr mx w/YL anncr, familiar Greenland pips with brief YL talk between at 0330, followed by instrumental mx, possibly an anthem. Similar pips at 0330 were noted on 570/650/700 last year in MB just before s/off. Audio quality poor, a "wire-fence" type net connection, though signal quite strong.

(850, continued) Possibly located in northern Greenland with low power, as strong as AFRTS 1210, Thule. (Vernon)

860 CUBA CM?? unlisted R. Reloj unfortunately heard 11/17 at 0517 with a fair signal. Wouldn't you know it-Clarín stops running AN and within a short time along comes an unneeded Reloj to screw things up-(Hutton)

860 DOMINICAN REPUBLIC Santo Domingo, R. Clarín s/off at 0505 on 11/13 w/NA. (Objio)

860 MEXICO Mexico City XEUN fair w/NA and s/off 0606 8/28. (Kazaross) Very good w/c1 organ mx 0635-0656 11/11; s/off by man in SS at 0700 mentioning XEYU 9600 //. (DeLorenzo)

860 MEXICO XEMO Tijuana w/EE religion 0800 11/12-report taken. (H-heide)

860 VENEZUELA R. Vision, Cristóbal w/R. Clarín off, heard w/local BB game at 0040 on 11/3. (Objio)

870 COLOMBIA Ibaguá HJLA suspected w/Colombia mention, weak sig w/WWL after WHOA fadeout at 1045 11/4. Do you know if HJLA is AN now? (Kazaross) Sorry-no idea-CH

871.5 VENEZUELA Caracas YVKU I'm quite sure is the stn here. Noticed a strong het on WHOA at listed s/on time on 0955. I heard this s/off at 0356 w/YV anthem in the summer. (Kazaross) Definitely YVKU here per taped ID's-CH

872 SPAIN/UNID man in SS o/u orchestral mx-neither signal impressive, often in slop 2320 11/8. Fast SAH (about 10 Hz)-I think there's an AA stn hiding in that mess somewhere-noted at 2353 11/10. (Connolly)

880 USA WCBS New York very good w/sports nx at 0513 on 11/13. 45 degrees in Manhattan after the weather report. (Objio)

890 COLOMBIA Bogota HJCE, LV de Bogota great w/WLS off 11/12 at 0900. (Hoogerheide)

890 PANAMA R. Libertad, La Voz de la Revolucion like a local w/apparent s/on 1000 11/12 but within 30 seconds inaudible u/HJCE. Location? Power? (Hoogerheide) Hmm. R. Libertad listed on 840 and I heard them there as recently as last spring. The Panamanian listed on 890 has moved to 870, so maybe Libertad moved from 840 to the newly vacant 890. (CH)

914 SURINAM RANI at 0055 on 11/3 with Hindu chanting, vy good. (Objio)

917 SPAIN Madrid to fair peaks w/rock mx 2358 11/10. (Connolly)

920 DOMINICAN REPUBLIC Santo Domingo R. Triunfo, this is a new stn in Santo Domingo heard testing some days ago, but today 11/12 they were ID'ing with this name and a contest for taxi drivers. (Objio)

944 FRANCE Toulouse very good/AA mx then SS pgm, R. France ID o/ feeble LA het from 945 0540 11/11. (Connolly) Xlnt w/"Ici Radio France" 2200 11/10, then into either SS or II pgm on France Culture Net. (DeLorenzo)

960 COLOMBIA Magangué HJHN R. Sutatenza in complete clear for the first time here around 0103 11/11 w/much SS talk then ID. (Kn'ly)

989 SPAIN Madrid briefly in at strong clear level: female vocal rock song, then woman in SS followed by EE male vocal of late 60's album hit "Hey Joe", 0004 11/11. (Connolly)

1010 COLOMBIA HJOP R. Sutatenza w/ID's, weak 11/8 0300. (Hoogerheide)

1015 EL SALVADOR San Salvador R. Internacional YSC good signal w/"YSC San Salvador" ID 0415 11/2. (Lankford)

1025 SPAIN (tentative) SS talk noted briefly through slop from nulled WBZ 0009 11/11. LA's on 1025 are seldom heard here and, as this reception was during an xlnt Iberian peninsula opening, Spain is assumed. (Connolly)

1034 PORTUGAL Porto Alto CSB2 presumed the PP 0601-0615 11/9. (Lankford) Noted w/low key PP talk by man, good w/WBZ nulled 0011 11/11. (Connolly) Good w/man in PP, accordion mx 0656-0700 11/13; pips, ID, and nx at 0700 followed by PP folk mx. (DeLorenzo)

1037 UNID fair signal, no audio 0040 11/11. (Lankford) First noted MM 11/13. Taped ID is fairly good, but I'm only 51% sure it is R. Primavera, Colombia. (Hutton)

1043 MOROCCO Sebba-Aioum good w/man in FF 2253 11/7. Very strong w/Beatles song "No Reply" 0020 11/9, WBZ nulled. In w/outstanding local Like signal; several cuts from Beatles Revolver album were played 0013 11/11. A Moroccan version of a Beatle Weekend? (Connolly) Not a bad station. Last year I would occasionally stop and listen to them for entertainment-CH. Loud and clear w/FF rock mx 2256-2300 11/9, man in FF 2300-2310; also loud and clear w/FF rock, man in FF 0639-0653 11/13. (DeLorenzo)

1043 UNID strong TA carrier, no audio 0615 11/9. (Lankford) Bet you can't guess wh-CH

1050 DOMINICAN REPUBLIC Santiago LV de la Hispaniola 0046-0052 11/10 w/fast mx, SS man w/many ID's. Xlnt. (Krueger)

1050 MEXICO Monterrey believed the one w/EE preaching u/GRM and WR. CC at 0555 10/9, weak-fair. (Kazaross)

1061 PORTUGAL Norte in bad slop w/cl mx 2254 11/7. Fair w/soft orchestral mx 0018 11/9. Potent, reducing 1060 domestics to a het w/cl mx 0017 11/11. (Connolly)

1085 HONDURAS San Pedro Sula poor-fair at 0520 10/21 w/SS mx poking through slop. (Kazaross)

1100 ANTILLA St. John's ZDR w/EE nx 0200 11/14. (Hoogerheide)

1125 COSTA RICA San Jose TISRE in very good o/120K slop w/"Once Veinte" ID 0123 11/10. Heard carrier here recently but this is the first audio I've received. (Kenneally)

1150 VENEZUELA Ondas del Caribe, Punto Fijo, heard as a local station at 0533 on 11/1. (Objio)

1151 SCOTLAND R. Clyde, Glasgow 10/25 0614 rr mx, 0615 YL w/airport info, 0616 commercial for Boots Chemist, 0618 nx desk w/brief interview, many "R. Clyde" ID's and mention of 261 (meters), fair signal though slight het from 1150 was a bit disturbing. (Vernon)

1163.5 HONDURAS Paraiso R. Paraiso HRCF strong 11/11 0105 w/R. Paraiso ID. (Lankford)

1196 MOROCCO Agadir good w/AA yelling and drumming 2255 11/7. (Connolly)

1196 UNID strong TA carrier, no audio 0530 11/9. (Lankford)

1205 FRANCE Bordeaux xlnt w/man in FF 0612 11/11; WCAU no problem. (DeLorenzo) Fair w/piano mx, then woman in FF, atop SAH (Cayman?) 2256 11/7. (Connolly)

1205 UNID strong TA carrier w/some FF making it through, and another TA underneath. (Lankford) Sierra Leone would have commenced their s/on at that hout-CH

1210 VENEZUELA BB noted u/WCAU 0300-definite YV but who? (Hoogerheide) R. Coro is your stn-CH

1207 CUBA CMKD, Holguin noted here with R. Revolucion ID, calls, and location 11/17 at 0421. Change from former R. Reloj. (Hutton)

1270 CUBA Camaguey CMJG fair w/Minute Man news at 0700 8/28. (Kazaross)

1286 CZECHOSLOVAKIA Prague good 2313-2334 11/6 with classical or semi-classical mx-ID and nx in CG 2330. (Sorensen)

1290 NEW ZEALAND Christchurch R. Avon 10/22 1136-1200, talk phone-in type show, SID at 1152 sounded like "Radio Avon 12-9-0". TC's checked out with NZ-CMT plus 12. 1200 telephone push button type tones followed by nx, rr show seemed to follow at 1203, very poor signal. (Vernon)

1330 NEW ZEALAND LXI Auckland 10/22 1218-1233, mostly c&w mx, much QRM from KUPL Portland, but item for Auckland Speedway riders club at 1220, Auckland wx at 1227 and 1233 noted, but no ID's. (Vernon)

1358 EAST GERMANY Berlin poor w/man in CG 0601 11/12. (Connolly)

1376 FRANCE Lille to good peaks w/chimes, then man and woman in FF 0600 11/12. (Connolly)

1380 DOMINICAN REPUBLIC Santiago R. Nacional 0105-0120 11/15 o/WAOK w/many ID's by SS man and light vocals. Some ads or promos, so presume not a government outlet. (Krueger)

1386 PHOENIX ISLANDS WKLE Canton Island 10/21 1358-1408, sort of up-tempo EZL format, w/ID by YL at 1403, w/very poor signal, but finally have an ID on tape. (Vernon)

1390 GUATEMALA Guatemala TRVY fair to good from 0925-0955 11/4 during extreme AU ex. MoR SS mx w/YL and Q1 anncrs. Guatemala mention and R. Istmania ID at 0933 and 0955. No trace of domestics until about 1000. (Kazaross)

1394 ALBANIA Lushnje noted w/beautiful signal 11/6 2256 in FF w/YL ID, IS at 2259 into SS 2300-2312 with usual alternating m&f anncrs. This one was even audible on RF2800 using only built-in antenna. Got a beautiful tape. Also noted in SS 11/9 at 2326 but much weaker. (Sorensen)

1403 GUINEA Conakry fair w/group chanting 2258 11/7. (Connolly)

1421 WEST GERMANY Saarbrücken fair o/slop w/male vocal 2335 11/8.

1439 LUXEMBOURG Warchain poor in WFTQ slop: fast talk ads seemingly in CG, also segments of a Patti Smith or Blondie song 0551-0554 11/12. (Connolly, last 2) Noted in passing 11/6 at 2355 in EE with good sigs and usual rock mx. (Sorensen)

1457 ALBANIA Durres xlnt signal 11/6 at 2254 with usual format in European lang 9-9 on Hq150 and also very strong on the RF2800.. (Sorensen)

1457 ENGLAND BBC R. London 10/26 0604 Q1 anncr mentioned "more London nx" at 7:30, London just topping DBB R. Manchester, which is becoming somewhat of a regular here, signing on after R2 pm at 0530. (Vernon)

- 1457 UNID traces of pop-rock mx, talk that may have been EE-- London suspected, although the time seems a bit early, 0543 11/12.
- 1466 MONACO Monte Carlo xint/like a local, best TA: light jazz, then msn in SS going into ID, followed by PP pgm 2330 11/8. (Connelly, last 2) Strong w/unlk lang at 2353 fadeup 9/8, 2400 s/off was weaker. (Kazaross) TWR carrier noted as early as 0420, some IS made it through w/s/on 0445 11/9. (Lakkford) Fair sig w/R. Transmundial ID and s/off 2358 11/6. (Sorensen)
- 1475 AUSTRIA Vienna fair to good with deep fades and up-tempo mx 11/6 at 2357-11/7 at 0005 up-tempo mx, nx in CC, ID 0005. (Sorensen) Poor w/soft mx 0540 11/12. (Connelly)
- 1484 ENGLAND BBC R. Humberstone, Hull 10/25 0556-0558 (tentative), nx items concerned a licensee in Bridlington and new housing project in Hull, heated via windmill power, general location would seem to indicate Hull station. (Vernon)
- 1502 POLAND Stargard Szczecinski 10/23 0403-0411, noted in SS, mentioned in WRTH as being carried on 41 and 49 meter bands only. (Vernon)
- 1520 VENEZUELA Guatire YVIC R. Bonita 0303-0400 11/15 w/SS man covering sports event, 0304 gave rundown of affiliates, local pops and ads after 0340, ID by man, instrumental anthem 0358 and off. Is this really 1 kw? (Krueger) As far as I know-CH
- 1520 UNID 11/8 at 0007 nx in what sounded like a central European lang. Faded quickly. (Sorensen) Czech superpower likely-CH
- 1530 CUBA Moron R. Moron Q1JX suspected here w/NA mention, some march-like mx, Cuban sounding OM anhr 0530-0550 8/26 w/WCKY off. Do you know power? (Kazaross) Was 1 kw when on 1210 but sounds like it must have been raised some-CH
- 1538 WEST GERMANY Mainflingen in w/strong carrier; some choral and orchestral mx heard but signal badly diced up by WPTR garbage 0536 11/12. (Connelly)
- 1540 BAHAMAS Nassau ZNS1 1730-1740 11/15 w/Prince George Wharf area store ads, EE woman DJ, ID, US pops. Xint. (Krueger)
- 1546 ENGLAND R. Cleveland, Middlesbrough 10/25 0504 item concerning Cleveland area health authority, 0519 "R. Cleveland" ID followed by rundown of local pgms, and horse race predictions. (Vernon)
- 1546 SCOTLAND R. Forth, Edinburgh 10/25 0605 OM mentioned TC for "5 minutes past 7 on R. Forth), nx stories coming up mentioned that an MP suggested that men need a rape law to guard against lustful women!! Commercial followed. (Vernon) Best solution to the MP's problem would be to set up a penal colony for said women in Decatur, Georgia-CH
- 1550 UNID SS mx and talk here at 2228, poor-fair until CBE fade-up at 2243 10/21. Possibly it was the HI or HJ; it was too early for anything else except the 250 watt PR. (Kazaross)
- 1554 FRANCE (tentative) Nice probable-fadey carrier hitting strong peaks; occasional talk by woman noted through above-average CBE slop 0534 11/12. (Connelly)
- 1580 UNID SS faded in o/WGLS at 2359 11/12 w/OM saying "R. Trece Senta" then woman "...musical de Semana" or something like that. KEPA from 1370? (Kenneally) No idea-CH
- 1586 WEST GERMANY Langenberg good w/light cl mx then man in CC 0531 11/12. (Connelly) Light mx surfaced weakly at 2235 10/9 in the noise. (Kazaross)

Mark Connelly	Arlington, Mass.	R390A, SM2
Marc DeLorenzo	Centerville, Mass.	HQ100, SM1
Dan Goodlett	San Francisco, IRCA	Rf2200, SM2
John Hoogerheide	Brandenberg concertos, KY.	????????????
Chuck Hutton	Decatur, Ga.	R390A, 1900 ¹ Beverage
Neil Kazaross	Pawtucket, RI	HQ180A, SM2
Nick Kenneally	Cincinnati, Ohio	DX160, CB antenna
Terry Krueger	Casselberry, Fla.	QR666, 80&65 ¹ LW
Dallas Lankford	Auston, La.	HQ180A, TRF loop&mp
Cesar Objio	Santo Domingo, Dom. Rep.	HE30, 4 ¹ loop
Lorris Sorensen	Leaf Rapids, Manitoba	HQ150, RP2800, 75 ¹ LW
Brian Vernon	Alsa, Yukon Terr.	DX160, DX150A, FR 7000, 3 2000 ¹ , 1 1500 ¹ Beverages

Cops- 1110 USA R. Anulo here ex 1120, noted 11/17 at 0430 with good signal. (Lutton)

1290 USA unid new Doblevé outlet heard poorly 11/17 at 0025. (Lutton)

11/17 and 11/20 were top-notch auroral nights here. Time to get some sleep if I want to set up and check for Q's tomorrow A.-73's.....

CITY GUIDE TO SUNSET SIGN-OFF TIMES

ELLIOT STRAUS/JOHN KROMKA

Lately I've spent an inordinate amount of DX time looking up longitudes and latitudes to determine sign-off times and decided to come up with an easier less time consuming method. With the assistance of Contest editor John Kromka, I hope to present these tables every month, then they would become a permanent record. For December, due to time considerations, we have left out certain mountain and western states. Times listed are FCC sign-off times for the city of license. Every city having at least one AM station is included. The authors welcome comments.

DECEMBER

<u>ALABAMA</u>	<u>FLORIDA</u>	<u>ILLINOIS</u>	<u>IOWA</u>
all 5:45 PM	except 5:45 PM	except 5:45	except 5:30
except 5:30	Blountstown	Carbondale	Davenport
Albertville	Bradenton	Carthage	Decorah
Bridgeport	Chattahoochee	Chester	Dubuque
Centre	Chipley	DuQuoin	Independence
Fort Payne	Clearwater	E. St. Louis	Iowa City
Gadsden	Crestview	Granite City	Maquoketa
Gunthersville	DeFuniak Spgs.	Harrisburg	Muscatine
Huntsville	Dunedin	Herrin	Oelwein
Jacksonville	Englewood	Highland	Waterloo
Piedmont	Ft. Walton Bch.	Jerseyville	Waukon
Rainsville	Indian Rocks	Marion	Waverley
Roanoke	Key West	Metropolis	except 6:00
Scottsboro	Largo	Murphysboro	Council Bluffs
	Marathon	Pittsfield	Red Oak
	Milton	Quincy	Shenandoah
<u>ARKANSAS</u>	Panama City	Sparta	Sioux City
all 6:00 PM	Pensacola	W. Frankfort	
except 5:45	Port St. Joe	Wood River	<u>KENTUCKY</u>
Blytheville	Sarasota		all 5:30 PM
Corning	Valpariso	<u>INDIANA</u>	except 5:15
Hardy		all 5:15 PM	except 5:30
Jonesboro	<u>GEORGIA</u>	all 5:30 PM	Cumberland
Marked Tree	all 5:30 PM	except 5:45	Cynthiana
Monette	except 5:45	Bedford	Eminence
Osceola	Albany	Bloomington	Frankfort
Paragould	Bainbridge	Boonville	Georgetown
Pocahontas	Blakely	Brazil	Grayson
Trumann	Bremen	Corydon	Harlan
Walnut Ridge	Cairo	Evansville	Hazard
West Memphis	Camilla	Jasper	Hindman
except 6:15	Carrollton	Jeffersonville	Irvine
DeQueen	Cedartown	Linton	Jackson
Hope	Columbus	Madison	Jenkins
Magnolia	Cuthbert	Martinsville	Lancaster
Mena	Dawson	Mt. Vernon	Lexington
Nashville	Donalsonville	New Albany	London
Prescott	LaGrange	Paoli	Louisa
Texarkana	Manchester	Princeton	Manchester
	Moultrie	Salem	Maysville
<u>CONNECTICUT</u>	Quitman	Sullivan	Middlesboro
all 4:30 PM	Summerville	Tell City	Morehead
	Tallahpoosa	Terre Haute	Mt. Sterling
	Thomasville	Vincennes	Mt. Vernon
	West Point	Washington	Neon
			Newport
<u>DELAWARE</u>	<u>ILLINOIS</u>	<u>IOWA</u>	Nicholasville
all 4:45 PM	all 5:30 PM	all 5:45	Paintsville
	except 5:45	except 5:30	Paris
	Alton	except 5:30	Pikeville
	Anna	Cedar Falls	Prestonsburg
	Belleville	Cedar Rapids	Richmond
	Cairo	Charles City	Stanton
		Clinton	Vanceburg
			Van Cleve

KENTUCKY
except 5:15
West Liberty
Whitesburg
Winchester
except 5:45
Benton
Fulton
Mayfield
Murray
Paducah

LOUISIANA
all 6:00 PM
except 6:15
Abbeville
Alexandria
Crowley
DeRidder
Eunice
Franklin
Haynesville
Jennings
Lafayette
Lake Charles
Leesville
Mansfield
Many
Minden
Natchitoches
New Iberia
Oakdale
Opelousas
Pineville
Ruston
Shreveport
Springhill
Sulphur
Ville Platte
Vivian
Winfield

MAINE
all 4:00 PM
except 3:45
Calais
Caribou
Fort Kent
Houlton
Lincoln
Machias
Madawaska
Millinocket
Presque Isle

MARYLAND
all 5:00 PM
except 4:45
Aberdeen
Baltimore
Bel Air
Cambridge
Chestertown
Easton
Elkton
Havre de Grace
Ocean City
Pocomoke City
Salisbury

MASSACHUSETTS
all 4:15 PM

MICHIGAN
all 5:00 PM

MINNESOTA
all 5:30 PM
except 5:45
Albert Lea
Benson
Blue Earth
Breckinridge
Fairmont
Fergus Falls
Luverne
Mankato
Marshall
Montevideo
Morris
New Ulm
Ortonville
Pipestone
Redwood Falls
St. Peter
Willmar
Windom
Worthington

MISSISSIPPI
all 6:00 PM
except 5:45
Aberdeen
Amory
Batesville
Calhoun City
Columbus
Corinth
Eupora
Fulton
Grenada
Holly Springs
Houston
Lula
Louisville
New Albany
Oxford
Pontotoc
Ripley
Senatobia
Starkville
Tupelo
Water Valley

NEW HAMPSHIRE
all 4:15 PM

NEW JERSEY
all 4:45

NEW YORK
all 4:30 PM
except 4:45
Amherst
Batavia
Bath
Buffalo
Cheektowaga

NEW YORK
except 4:45
Dunkirk
Fredonia
Hornell
Jamestown
Lancaster
Niagara Falls
Olean
Salamanca
Warsaw
Wellsville

NORTH CAROLINA
all 5:00 PM
except 4:45
Elizabeth City
except 5:15
Murphy
Franklin
Bryson City

PENNSYLVANIA
all 4:45 PM
except 5:00
Ambridge
Beaver Falls
Braddock
Brownsville
Butler
Canonsburg
Charleroi
Connellsville
Farrell
Greenville
Jeanette
McKeesport
Monroeville
New Castle
New Kensington
Pittsburgh
Sharon
Washington
Waynesburg

SOUTH CAROLINA
all 5:15 PM
except 5:30
Abbeville
Anderson
Clemson
N. Augusta
Seneca
Walhalla

TENNESSEE
all 5:30 PM
except 5:15
Bristol
Church Hill
Collierville
Elizabethtown
Erwin
Greeneville
Johnson City
Jonesboro
Kingsport

TENNESSEE
except 5:15
Morristown
Mountain City
Newport
Rogersville
Tazewell
except 5:45
Bolivar
Brownsville
Camden
Centerville
Covington
Dyersburg
Henderson
Hohenwald
Humboldt
Huntington
Jackson
Lawrenceburg
Lexington
Martin
McKenzie
Memphis
Milan
Millington
Paris
Parsons
Pulaski
Ripley
Savannah
Selmer
Trenton
Union City
Waverly
Waynesboro

VIRGINIA
all 5:00 PM
except 4:45
Alexandria
Arlington
Fairfax
Fredericksburg
Gloucester
Hampton
Herndon
Jamesville
Leesburg
Manassas
Norfolk
Quantico
Tappahannock
Warsaw
Williamsburg
Winchester

WEST VIRGINIA
all 5:15 PM
except 5:00
Charles Town
Martinsburg
Berkeley

Continued next page. We'll try to include info for those states left out in future installments.

WISCONSIN
all 5:15 PM
except 5:30
Beloit
Black River Falls
Chippewa Falls
Dodgeville

except 5:30
Durand
Eau Claire
Janesville
La Crosse
Lancaster
Madison
Mauston

except 5:30
Menomonie
Neillsville
New Richmond
Platteville
Prarie du Chien
Rice Lake
Richland Center

except 5:30
River Falls
Sparta
Superior
Tomah
Viroqua
Wisconsin Dells

CONTESTS

John Kromka
P.O. Box 86
Montville, N.J., 07045

HELLO, once again! This time we have the results of Contest #2 and where you each stand in the grand prize point battle. We had a couple of more participants in this Contest, but still less than what I would like it to be. Well, anyway on to the current results and standings:

RESULTS OF CONTEST #2		
Rank	Name	#2 C.D.
1	Mike HEPPE	210
2	Larry Van HORN	146
3	David YOCIS	104
4	Paul MOUNT	99
5 a	Tim KERFOOT	73
5 b	Harold COX	73
6	Scott PARKER	70
7	Frank WHEELER	54
8	Bruce WINKELMAN	48
9	Dan GEBHART	47
10	Charles GILL	5

OVERALL STANDINGS		
Rank	Name	E.D.P.
1	Mike HEPPE	13
2	Dan GRADIN	10
3	Paul MOUNT	9
4 a	Dan LESTER	7
4 b	Larry Van HORN	7
5	David YOCIS	5
6	Bill HARDY	4
7 a	Tim KERFOOT	3
7 b	Harold COX	3
8 a	Charles GILL	2
8 b	Scott PARKER	2
9 a	Bruce WINKELMAN	1
9 b	Frank WHEELER	1
10 a	Dan GEBHART	0
10 b	Nancy HARDY	0

CONGRATULATIONS! goes to none other than Mike Heppe of Houston, Miss., who is the undisputed winner of Contest #2. He amounted 210 points in this Contest, which is quite an achievement considering the point values. He is holding up his reputation. He also leads the race towards the free subscription to DX News. C'mon everyone, participate and do your best. Don't let Mike leave you in the dust, hi!

Tim Kerfoot: I received your entry for Contest #1 on November 1, seven days after the deadline for that particular Contest. So, unfortunately, I had to null your entry for it, but since you have sent in your entry fee you are open for participation in any of the upcoming Contests.

Here is a point of clarification for Contest #4: "Stations in your home state or states bordering your home state".

Fine, but what about if you live in Canada? If you live in the Canadian provinces stations that will count in Contest #4 can be ones in your own province, province(s) bordering your province or states of the U.S. bordering your home province. In the case of the Atlantic area provinces there might be some dispute. Here is what will count if you live in any one of these provinces:

PROVINCE	PROVINCE(S) OR STATES THAT WILL COUNT
Newfoundland	Newfoundland, Nova Scotia, Prince Edward Isl. & New Brunswick
Nova Scotia	Newfoundland, Nova Scotia, Prince Edward Isl. & New Brunswick
Prince Edward Island	Prince Edward Isl., Nova Scotia, Newfoundland, & New Brunswick
New Brunswick	New Brunswick, Nova Scotia, Maine(U.S.), Quebec and Prince Edward Isl.

In Contest #6 a "fulltime" station is defined as a station broadcasting past 2200 local time of station. In other words it is a "fulltime" station as opposed to a "daytime" station, that signs off the air. Some members wished that I clarify this.

CONTEST #3 - DEC. 6-18

Contest #3: Stations only 1000 watts of power at time of your reception. This Contest will run from Dec. 6 until Dec. 18, a little longer than the previous two. Deadline for entries will be Dec. 26. Prize for the Contest will be an antenna reference manual. Check point values in Vol. 45 #31 DX News and other details.

Remember if you will enter for the first time, please send along 30¢ in stamps or coins with your entry, or I'll not be able to accept it. Thanks!

I meant to get a darker typewriter ribbon for this particular edition of the column but never got around to it. Hope Louisville doesn't have too much trouble with it, hi. Please write anytime you wish if you have any suggestions, comments, criticisms, etc. I am an openminded person, and can take anything. Just watch yourself at the Convention in St. Louis if I'm there, hi.

HQ here - John called to tell us three Contest #2 entries were received after the above was in the mail to Louisville. Entries from Bill and Nancy Hardy and Dan Gradin will be included in the next Contest summary in January. Thanks to all who participated from the HQ bunch.

WRTH 1979

Advance orders for the World Radio TV Handbook 1979 which will retail for \$14.95 are being taken now. This year, copies will be air freighted from Europe and re-shipped by UPS. The advance order price through Dec. 31, 1978 is \$12.00 including UPS charges. All profits over the wholesale price, air freight charges, and shipping costs will be turned over to the Handicapped Aid Program. All orders must be accompanied by remittance payable in U.S. dollars. Personal checks, money orders and bank checks are acceptable in the U.S. Canadians, please use International Money Order. Each Order must be accompanied by a stamped, self-addressed envelope. Canadians, please place an unattached postage stamp inside the envelope.

The deadline for orders at \$12.00 is Dec. 31, 1978. After that date, the price is \$14.00 and delivery from air freighted stock can not be guaranteed. Publication is not expected until at least February or March of 1979 but orders are required now to arrange for air shipment. Handicapped Aid Program and the National Radio Club accept no responsibility for this offer and inquiries or complaints should be addressed to Don Erickson.

Please make all funds payable to DONALD ERICKSON and mail early enough to arrive no later than December 31, 1978. Please mark envelopes "WRTH 1979" in lower left-hand corner and mail to: Don Erickson, 6059 Essex Street, Riverside, Calif. 92504.

MODIFYING THE TRF FOR SM-1 USE

BRIAN P. SHERWOOD

While many people (myself included) feel that the Radio Shack TRF is a great receiver, especially at the low price of \$30, performance can be greatly improved by the use of the Space Magnet antennas (SM-1, SM-2), air core loop or possibly a Sanserino loop. I've tried my TRF with all of the above except the Sanserino loop, but I see no reason why the Sanserino loop won't work too. Anyway, here's how to do it:

PARTS NEEDED:

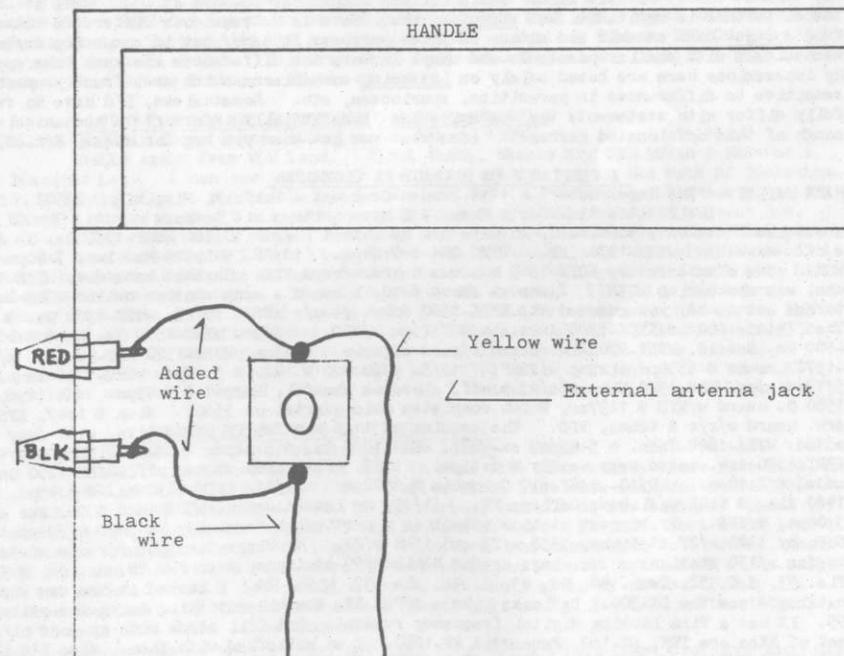
- 1) Two binding posts, one red, one black (Radio Shack 274-662, \$1.19 for each)
- 2) Enough coax cable (anything you can swipe from a local CBer will do fine) to extend the SM-1 lead-in to 5 feet. With an air core loop, the coax is not needed.

HOW TO: Take the TRF apart (remove the back cover), and note the location of the EXT ANT jack. On the side of the back cover, drill two holes about 3/4 inches apart, big enough to accept the binding posts (about 3/8 inches, more or less).

Mount the two binding posts in the holes with the fat ends outward. Now the fun part. Note the small lug on the inner end of each post. Solder a short piece of hookup wire (steal some from your house's doorbell circuit) from the red post to the small lug on the EXT ANT jack which has a yellow wire running to it. Then solder a piece from the black jack to the black wire on the EXT ANT jack. See diagram.

Now extend the SM-1 lead-in by soldering the other coax to it, braid-to-braid and center-to-center. To use the rig, just connect the braid to the black binding post and the center conductor to the red binding post. Turn the SM-1 on. With an amplified loop, you will notice some regeneration if the loop amplifier is closer than about 2 feet from the TRF; this varies with different loops and receivers.

With the limiter switch off (or the local/DX switch in the DX position) move the TRF and SM-1 far enough apart so that the regeneration ceases. With various headings of the stations from you location, it may be necessary to move them around a little more, but for 99¢ for SM-1 input I can move them a little, hi! Any questions can be addressed to: Brian P. Sherwood, 221 Larch Avenue, Elmhurst, Illinois 60126.



MUSINGS

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

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS.

LOGS SOUTH DAKOTA AT TWILIGHT

KARL V. JETER - 2816 Frontier Trail N.E. - Atlanta, Georgia - 30341
On 11/6 PM, I was sitting checking the dials at SSS & reading my DX NEWS. I was turned to Ernie's Musings, and read that STEVE FRANCIS had heard the new WRSM-1540 in Sumiton, Ala. So, I quickly whipped down to 1540 at that time and guess what? Yup, WRSM, L&C! (I thought Ernie would appreciate the plug, hi). (Definitely, Karl! -ERC) Onward to other goodies: Best SSS catch possibly EVER was nabbed 11/5, with 500w KVRA-1570 Vermillion S.D. was heard @ 6:45pm before s/off w/excellent signal! I was in shock to say the least - S.D. @ SSS! Report & tape off to them. I believe they were heard on their DX TEST last year but not reported then. 11/7- CKAK-730 made a rare but good showing 6:10-6:14pm w/FF SX, IDs, Jx, et al. They QRM'd little WARB-730 @ 6 as well at s/off. Nice f/c (unlisted) from WICG-1400 11/7 12:40-12:43pm w/TT, IDs each minute, w/phonetic alphabet. 11/11PM I was working the graveyard shift & went to lund @ 5:45pm. I was sitting in my car at Wendy's and heard KLIK-950 in good w/FB scores & conclusion of U of M FB game. This was heard again and reported 11/13 5:49-6:07pm at game on HQ-150. I had a real (almost) shocker on MM 11/13. I was listening on 1390, which was fairly open, and heard mentions of "Long Beach" a few times. I breathlessly awaited a "KGER Long Beach Cal." ID, only to find out it was WROA (unn) which has a Long Beach, Miss. nearby. Rats! It pays to be careful, hi. But MM 11/13 wasn't a waste, as I am 99% sure I got WKOX-1190 (WOWO off) on ET, w/VID @ 3:09, into Dave Mason mx & variable TTs through 3:13am. Seven new veries in already in November! They are: W/- WAKA-1390, WSAC-1550 (z/up), WQVM-1260, KIUP-930-TEST, WRTH-590 (for 1/29/78 report), WGSV-1270 and WECM-1140 sent a photocopy of their log page for the period of my reception as the verie. V/S were sent to Ernie. To all DXers who verify reports: Support V/S and "The Verie Game". 73s.

DEFENDS CERAMIC BANDPASS FILTERS

GERRY THOMAS - 2355 West Michigan Avenue - #460 - Pensacola, Florida - 32506 11/14/78
Hi again. I had a minute, so I thought I'd muse. DX TESTS this season have been pretty successful here so far - three of six (KIUP, KFUV & WNLV heard: WSUM, WAVC, & WSKI tried but not heard). I received my Domestic Log last week - extremely well done! Kudos & thanks to those involved. While I am thinking of it, I'd like to say something in defense of ceramic IF bandpass filters. Despite the "bad press" they sometimes receive, they really aren't all that bad and do represent a viable selectivity solution at well less than half the price of mechanical filters. On my FRG-7 I can select between a Murata CF5455J (3kHz at -6 dB, 9kHz at -70dB) ceramic filter and a Collins mechanical (2.9kHz at -3dB, 7kHz at -60dB), & the difference is noticeable, but slight. Now, there is a tremendous difference between the Frog's stock 6kHz ceramic and either of these narrower filters, but in comparing ceramics and mechanicals with similar passbands and shape factors the differences are much less apparent. My impressions here are based solely on listening comparisons which are, frankly, probably insensitive to differences in parasitics, spuriousness, etc. Nonetheless, I'd have to respectfully differ with statements that ceramics are "substantially inferior" to mechanicals. Enough of this opinionated garbage! (See what you get when you beg for Muses, Ernie?) 73s.

A VERITABLE DX HARVEST IN TIDEWATER

MARK BAILEY - "The Huger Muser" - 1414 Braden Crescent - Norfolk, Virginia - 23502
Well, it's time for a Muse, & I have quite a bit to Muse about! The CX I talked about last Muse have continued, so here are my latest logs: 10/26- WHGI-1050 Ga. in @ 7pm w/s/off, ex-WAUG. WEAW-1330 Ill. @ WPEC QRM @ 7:04pm. 10/28- WHEB-710 Mo. in @ 7:40pm w/VID u/WOR. One minute later, KQXZ-1560 Mo. was heard w/r & VID. On that same day, WTAI-1560 Fla. unn, was clobbering WQXR. Then, at about 8:10, I heard a weak station behind WCLS which turned out to be, you guessed it, KPIX-1580 Colo. #1 w/s/off. 10/29, WMES-1570 Ga. @ 6:05pm. Then, state #40 in KNLX-1580 Ariz. in @ 7:25pm w/VID. 10/31- WQRS-1590 Ga. in @ 5:40pm, WJTH-900 Ga. @ 6:10, WTEF-970 Ala. heard w/good signals @ 6:13pm, WOKZ-1570 Ill. @ 6:30 s/off, KMAR-1570 La. in @ 6:34pm mixing w/XERF. 11/5- WWOY-970 W. Va. @ 5:10pm, WNPC-1060 Tenn. added @ 5:17 w/ads, WHON-1520 Ill. w/c/w, s/off, alone on channel, logged @ 5:45pm. MM 11/6, WBKC-1560 O. heard w/VID @ 1:37am, which completes Ohio quartet on 1560. Also @ 1:47, KPSA-950 Ark. heard w/r/c & tones, VID. The evening of 11/6 was fairly productive, with four newies added: WJZA-1600 Tenn. @ 5:03pm, ex-WBHT, WKHG-1000 Ga. @ 5:32pm, WLDJ-1180 Ill. @ 5:42, and KBRI-1570 Ark. heard very weakly @ 6:15pm. 11/7, after WPEG signed off, GJRK-1290 Ont. was added @ 2:10am. 11/10- HJCY-810 Colombia @ 6:02pm. 11/11- KMIS-1050 Mo. @ 5:45pm, WPNX-1460 Ala. @ 6:02 w/Alabama College FB. 11/13, my latest catch, WCRE-1420 S.C., was added at 5:04pm, w/VID. My biggest station output on a particular frequency is 1570 w/29 stations, folo by 1580 w/27 stations, 1550 w/23 and 1540 w/22. My biggest output for one state is N.C. by far w/138 stations. Va. logs are far behind w/99 stations, then Pa. 70, Ga. 68, N.Y. 53, Fla. 53, S.C. 52, Tenn. 48, Md. 43, O. 42, Ala. 37, W.Va. 34. I looked at the new Radio Shack catalog & saw the DX-300. It looks like a SUPER RX, the biggest thing being the price, \$379.95. It has a fine looking digital frequency readout. But I'll stick with my good ol' TRF. My set of RXes are TRF, DX-160, Panasonic RF-1080. I am satisfied with them. Also I'd like to know what all this hoopla about Nov. 18 is - does anybody know? Veries & states, 40/28, provinces 6/0, countries 21/2, stations 81, 134, 61. What is the best bet for Idaho? 73, good DX.

GIVES SOME CALL LETTER HISTORY

WILLIAM R. HALE - 14518 Faith Drive - Rantoul, Illinois - 61866
11/6- I dragged WPRT-960 out of the goop @ 6:03pm ET which is (was) a bit past the SSS time in Prestonburg. Let's hope they weren't on past their s/off time, Heaven forbid. I also heard WNOX-990 L&C @ 6:10pm. A note in the Oct. 30 issue of Broadcasting notes that the following stations are now on the NBC network: WADA-1390, Shelby, Tenn.; WNPC-1270 Newport, Tenn. (call letter change?), WCLG-1300 Morgantown, W. Va., KTIK-1450 Porterville, Cal., & WTA-1450 Brattleboro, Vt. A little discussion on call letters - KGNR (formerly KCRA) now owned by WGN Continental carries on the 'GN' letters. Maybe 'R' stands for 'radio'? That keeps the tradition of their KWGN-TV in Denver. A major clear-channel station was owned way back when by Sears, renowned as the 'World's Largest Store', hence, WLS. WTMJ is owned by The Milwaukee Journal. South Bend, Ind. is the home of Notre Dame University, therefore: WNDU. Decatur, Ill. is renowned the world over for being the SOYbean capital of the Universe, so we get WSOY. What is Detroit known for? Why, WCARs, of course. 1600 in Montgomery, Ala. is WXVI - X (ten) VI (six). KLRK, naturally, stands for Little Rock, Ark. KRLA on the other hand means Radio Los Angeles, even though it's licensed to Pasadena. WNVY (Navy) is at Pensacola, Fla., home of Pensacola Naval Air Station, the Blue Angels demonstration team, etc. Crossword puzzle fans, take note. What's a three-letter word meaning 'Seaman'? Why, WTAR, of Norfolk, Va. should know. The list of this sense & nonsense goes on and on. 11/10- I got my copy of the Domestic Log today and I think it's just great. However, I have a question concerning the pre-sunrise power column. Throughout the listings are references to a PSA of 500w for unlimited time stations with night powers more than 500w. Are these for real? Or can we write-out all these occurrences? It doesn't seem likely to me that a 5,000/5,000 facility has to power down to 500 watts from 6m to LSR. 73.

DOING REAL WELL WITH HIS TRF

JOHN D. BUEHLER - 4290 Monroe Street - Toledo, Ohio - 43606 11/14/78
Good evening fellow members! I just had a telephone call from new member & long time friend GEORGE WALTON of Easton, Pa. We talked of each writing a Musing, so here goes. CX have improved in recent weeks. To begin, I have a question: On 9/14-15 @ 3am EDT I heard a station on 530 or 535kHz IDing as what sounded like KFX. Mentions were made of Savannah, they had NBC NX & were EDT per TC. Any ideas? (WBX-630, is Savannah - ERC) 10/13- WAWL-910 s/off @ 6:10pm well before LSS. 10/23- KIUP-930-TEST was heard & taped. I thought there were problems with the FRG-7 when I heard the sweeping tones they were transmitting. Also logged on 930 that night were WJAX Jacksonville, WBEH Buffalo, & a very strong WFMD, Frederick, Md. All these new loggings have shown me that it pays to get up & listen MM. 10/31- KDTH-1370 Dubuque just a whisper of audio u/local WSPD. They were apologizing to their listeners for interruptions to their broadcasts because of the construction of new towers & pattern change. WBEL-1380 w/Milwaukee Bucks BKB, then surprise of the new season, KRKO-1380, Everett, Wash. with nice ID, @10pm EST, into NX, then fade. 11/1- WYMK-1380 Baton Rouge s/off. 11/2- WNLA-1380 Indianola, Miss. s/off. 11/5- WAGC-1560 s/off @ 5:15pm. WKOQ-1560 s/off @ 5:30pm, EST. WOKI-1550 s/off @ 5:30; WSRV-1580 logged, IDing as Surf-16, KQYI-1560 s/off @ 6:15pm. 11/6- KPCA-1580 Marked Tree, Ark. late s/off @ 6:17pm. DX will be limited to the TRF & SM-2 for the next few weeks, because the Frog was shipped to NRC'er GRANT MANNING's Radio West. To be added are a Collins 2.9 kHz mechanical filter, KRS DD-1 digital readout & crystal controlled BFO. I'll report to the membership on the changes I find in the performance in a future Musing. That's it - 73s.

LOVES HIS NEW NRC DOMESTIC LOG & SM-2 ANTENNA

RICK KENNELLY - 8132 Ashgrove Drive - Cincinnati, Ohio - 45244 11/14/78
Hello again from W/LW land. First thing, thanks Mr. CALLAHAN & NRC for a fantastic Domestic Log. I can now throw away the White's Radio Log in the back of Communications World. Thanks also go to all the people who put out this bulletin. I'm new at this hobby and there's no way to do it without belonging to a Club & this one does a great job. Now, on to DX. After receiving a wonderful letter from JOHN FELTMAN, I ordered an SM-2 per his advice. It came yesterday & I love it. Elusive R. Barbados was a snap with the loop. Unfortunately, homework is keeping me away from my new toy. When I get time, it's like MM all right long with the new antenna. It sure beats my CB antenna. I've also discovered splits since my last Muse. My DX-160 does a very good job in my opinion. Of course, all I've ever compared it to is my transistor portable. Totals are up to 464 stations in 33 states & 23 countries. By the way, does anyone know anything about a R. Trece Sessanta on 1580? I heard it & taped that slogan. Perhaps XEPA-1390 moved & I just didn't know it. Also, do taped IDs count for awards? There's no way I can afford veries. That's about it, 73.

SEASON IS OFF TO A FANTASTIC START

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052 201-736-1681
Well, the DX continues to roll in here with four newies since last week, in WBER-1580, WQAP-1080, WUPD-1080, & WKOX-1190. Veries since last week include: WHET-1330, WYTI-1570, WCLN-1170, WETT-1590, CHOW-1470, to 595 veries, can 600 be far behind? Since 10/1 36 new stations, 46 reports sent out, and 15 veries back so far. It's the best start I've had on a season in I can't remember how long. I've noticed one disturbing fact so far, that I am getting more and more veries back where someone scribbles "report confirmed" on my original report and sends it back. It's still a verie, but won't go in my albums, I keep all those in a separate file. I hope to see some of youse guys at RAY ARUDA's on the 16th of November. 'o until next week, adios amigos!

WITH THE CHRISTMAS MAIL SEASON UPON US, WHY NOT SEND YOUR MUSINGS IN A COUPLE OF DAYS EARLIER?

WANTS REPORTS ON HIS WCHE-1520 FREQUENCY CHECK

DAVE SCHMIDT - 43 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720 11/14/78
 Yes, Mildred, there is even some DX to report: 10/28- WWST-960 & WPRT-960 both noted 6:54-7:01pm, WWST w/MoR, NX, then s/off; WPRT w/NX, long s/off w/SSB. 10/29- First day of EST brought WMT-970 6-6:12am w/s/on, then gospel stuff, way atop, even held on the car radio going to work @ 6:50am, very strong. 10/30- The DX TEST from WSKI-1240 was noted 12:15-12:27am w/mx, talk & TT, mostly w/WWD & the jumble. 11/5- WAZS-980 noted in about five other s/ons w/SSB, long announcement, then NX, 6-6:03am. 11/7- While trying again for the WPCE-1400 r/c, somebody was noted there w/TT & breaks every minute from 12:33 till 12:45am, so a tentative went to WSHB, after I gave myself a headache listening to the tape over & over till 1:30 that morning, hi! The WPCE r/c was also noted w/TT 12:31 till 12:33am, he runs just long enough to be measured, then back to RS. Verles: V1 & CM from WWST-960, v/r from WPRT-960 (also mentioned they're looking for a CE w/a first class ticket), & WSKI-1240 sent a v1 on a Xerox CM. Total: 965. WWST & WPRT both returned my postage. Did anyone hear the story of the Mexican station that was so desperate for business that they were running ads for Left Handed Bathing Wax and were offering applications for people to join the French Foreign Legion? We'll have to ask Hefty Hooper about that one during the April Fuel Issue, hi! (Hefty's been kidnapped by Capt. Glots, we hear, Dave - ERC) With luck, the buglegum won't come off the wires at WCHE & we'll do well on our fourth Tuesday r/c's, 12:30-12:40am, w/TT. Give us a whiff, we've already gotten a Toledo call this season. All problems with our daughter have seemed to be calmed down for a while, she is doing well and back to her getting-into-everything condition. That should be it, till next time. 73's.

DX YAD BY YAD (DAY BY DAY SPELLED BACKWARDS!)

TOM (call me Confused) BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D.C. 11/13/78
 Would you believe I forget where I left off in my last Musings? So we start with today, & work back for 30 lines or less. First, I have another for Ernie's collection of Public Service things. This morning (11/13) local WRC had a PSA warning parents to be sure and check the goodies their little tykes bring home Halloween. Kind of makes one wonder if maybe some of their commercials might be just as outdated? As to what has been (or hasn't) been heard, we offer the following: MM 11/13- Local WRC off again, which gave us WPHG-980, Bristol, Va. @ 2:50am, new logging & taping for us. 980, @3am, unID CBS NX, weak, & WPHG came back up before we could get an ID. 12:10am on 1190, strong TR, off 12:11, no ID. 11/11- 1590 @ 2:13am, someone IDed as 16-Q, perhaps my unnn WQQW? (No, 'tis the ID for WQIQ-Pa. -ERC). (WQQW is "QQ Radio"). 5:03pm, WCLN-1170 N.C. sneaking in with end of NX & WX, a nesie. 11/10- 1590, 3:23am found WJ30, Tenn. running ST, wiping out WAKR. 11/9- 1580, 2:14 am, unit probably an ET, much OC, wild NX items @ 2:31, cancel PSA @ 2:34, more weird NX, PSA for Young Adults but no ID with more OC through 3:03am when we gave up. 11/8- 6:59am, 760 brought us WGPS, N.C. w/NI/WX a nesie. 11/7- I tried for the KUOM TEST, nothing definite, tones heard during most of the period with some new tones noted @ 2:26, so we try again this morning. 11/6- 12:20am, WONG-1240 N.C. on f/c, many VIDs. 1:45am on 980 brought us KMBZ Mo. for the first time - looks like WRC is going to be off every MM. 11/5- 12:37am, ZNS1-1540 super loud with bank commercial, make the Bahamas a better place, etc. 11/3- 5:45am, 1520 found WHIC, Ky. f/c w/VIDs. 1:01am, KPVS-960 Mo. f/c strongest I've ever heard them, many IDs. 1:16, WMOO-1550 unnn, Ala. w/ET. They QSLed with daily program sked, small bumper sticker, on/off times for the year. I must be getting near 30 so we sign off. I'll recognize you in ST. LOUIS by the beer in your left hand, no doubt, ERC. Don't change hands! Take care and good DX to all.

SUGGESTS CHANGING THE FREQUENCY OF THE NRC HAM NET

THOMAS R. SUNDSTROM - Box 205 - Willingboro, New Jersey - 08046 WZQX 11/13/78
 It has been quite some time since last writing. Perhaps a brief intro is in order: Age is 36, & I work for the N.J. Department of Education. I have been MW DX-ing more-or-less since 1957 (about 1,200 stations, 65 countries, 47 states), in the NRC since 1970, and edited a portion of the NNRC's BCB pages 1963-65, & 1971-78. I have had a variety of Hammarlund receivers (-120, -129, -140, -150) & others over the years, but now have the Drake SPR-4 & Worcester SM-2. I finally picked up a ham ticket in 1975; I got the Extra in 1/77, & this call in 8/78. HF equipment consists of a Yaesu FT-901M (160-10 m), a 135' LW, & an HQ-1 minibeam; 2m FM, a Clegg FM-28 with an 11 element beam. I have been doing some part time writing over the year, since 1966; currently, all contributions are in amateur radio and are now appearing in "Elementary Electronics." On MW DX for 1978-79, the only catch was the WSKI-1240 DX TEST (others not heard). And to those on the NRC ham net, we have got to move above 3910 kHz if we are to survive in the General segment; 3895 is absolutely impossible with QRM from the jammers and clowns that inhabit that particular area. NRC HQ... pick something & publicize it. I enjoyed talking to N4WU (Dan), K8GVU (Dick), WAZWEN (John), & W4WBO (Bruce) on 11/12. I hope Ross (W9BG) gets well soon & we'll see him back on the air.

INVITES NRCERS TO PAY A VISIT & TALK DX

WAYNE HEIKEN - The Pike's Peak Diner - 427 East Caramillo Street - Colorado Springs, Col. 80907
 Tally Ho & away we go! KIUP went coast-to-coast on 930kHz - list of reports were sent to HQ. DX has been sparse due to overwork on fixing the house & severe line type noise cropping up (hi to DAVE SCHMIDT). DX as such: 10/16 r/c-TT KMUS-1380 5:33-5:45am; KGO-810 finally reported 2:13am w/talk. KFUC-850 o/u KOA w/P.S. talk show. 10/23- r/c-TT KROX-1260 w/IDs, 1:07am. 10/30- WDEM-1440 on RS w/rr until 2am s/off. Verles: v/f & v/q- KGO-810. v/q- KROX-1260. v1- WDEM-1440. Any DXer-types headed this way do drop in, we enjoy the company and the chance to talk DX. 73s, all.

THURSDAY.

REMEMBER, THE NEXT MUSINGS DEADLINE IS DEC. 14.

GIVES SOME CALL LETTER HISTORY

WILLIAM R. HALE - 14518 Faith Drive - Rantoul, Illinois - 61866
 11/6- I dragged WPRT-960 out of the goop @ 6:03pm ELT which is (was) a bit past the SSS time in Prestonburg. Let's hope they weren't on past their s/off time, Heaven forbid. I also heard WNOX-990 L&C @ 6:10pm. A note in the Oct. 30 issue of Broadcasting notes that the following stations are now on the NBC network: WADA-1390, Shelby, Tenn., WNPC-1270 Newport, Tenn. (call letter change?), WCLG-1300 Morgantown, W. Va., KTIP-1450 Porterville, Cal., & WTSA-1450 Brattleboro, Vt. A little discussion on call letters - KGNR (formerly KCRA) now owned by WGN Continental carries on the 'GN' letters. Maybe 'R' stands for 'radio'? That keeps the tradition of their KWGN-TV in Denver. A major clear-channel station was owned way back when by Sears, renowned as the 'World's Largest Store', hence, WLS. WTMJ is owned by The Milwaukee Journal. South Bend, Ind. is the home of Notre Dame University, therefore: WNDU. Decatur, Ill. is renowned the world over for being the SOYbean capital of the Universe, so we get WSOY. What is Detroit known for? Why, WCARs, of course. 1600 in Montgomery, Ala. is WXVI - X (ten) VI (six). KLRG, naturally, stands for Little Rock, Ark. KRLA on the other hand means Radio Los Angeles, even though it's licensed to Pasadena. WNYV (Navy) is at Pensacola, Fla., home of Pensacola Naval Air Station, the Blue Angels demonstration team, etc. Crossword puzzle fans, take note. What's a three-letter word meaning 'Seaman'? Why, WTAR, of Norfolk, Va. should know. The list of this sense & nonsense goes on and on. 11/10- I got my copy of the Domestic Log today and I think it's just great. However, I have a question concerning the pre-sunrise power column. Throughout the listings are references to a PSA of 500w for unlimited time stations with night powers more than 500w. Are these for real? Or can we write-out all these occurrences? It doesn't seem likely to me that a 5,000/5,000 facility has to power down to 500 watts from 6m to LSR. 73.

DOING REAL WELL WITH HIS TRF

JOHN D. BUSHLER - 4290 Monroe Street - Toledo, Ohio - 43606 11/14/78
 Good evening fellow members! I just had a telephone call from new member & long time friend GEORGE WALTON of Easton, Pa. We talked of each writing a Musing, so here goes. CX have improved in recent weeks. To begin, I have a question: On 9/14-15 @ 3am EDT I heard a station on 530 or 535kHz IDing as what sounded like KPI. Mentions were made of Savannah, they had NBC NX & were EDT per TC. Any ideas? (WBXI-630, is Savannah - ERC) 10/13- WAVL-910 s/off @ 6:10pm well before LSS. 10/23- KIUP-930-TEST was heard & taped. I thought there were problems with the FRG-7 when I heard the sweeping tones they were transmitting. Also logged on 930 that night were WJAX Jacksonville, WBBN Buffalo, & a very strong WFMD, Frederick, Md. All these new loggings have shown me that it pays to get up & listen MM. 10/31- KDTH-1370 Dubuque just a whisper of audio u/local WSPD. They were apologizing to their listeners for interruptions to their broadcasts because of the construction of new towers & pattern change. WBEL-1380 w/Milwaukee Bucks BKB, then surprise of the new season, KRKO-1380, Everett, Wash. with nice ID, @10pm EST, into NX, then fade. 11/1- WYNE-1380 Baton Rouge s/off. 11/2- WMLA-1380 Indianola, Miss. s/off. 11/5- WAGC-1560 s/off @ 5:15pm. WKOQ-1560 s/off @ 5:30pm, EST. WOKI-1550 s/off @ 5:30; WSRV-1580 logged, IDing as Surf-16, KQYL-1560 s/off @ 6:15pm. 11/6- KPCA-1580 Marked Tree, Ark. late s/off @ 6:17pm. DX will be limited to the TRF & SM-2 for the next few weeks, because the Frog was shipped to NRCER GRANT MANNING's Radio West. To be added are a Collins 2.9 kHz mechanical filter, KRS DD-1 digital readout & crystal controlled BFO. I'll report to the membership on the changes I find in the performance in a future Musing. That's it - 73s.

LOVES HIS NEW NRC DOMESTIC LOG & SM-2 ANTENNA

RICK KENNEALLY - 8132 Ashgrove Drive - Cincinnati, Ohio - 45244 11/14/78
 Hello again from WLV land. First thing, thanks Mr. CALLARMAN & NRC for a fantastic Domestic Log. I can now throw away the White's Radio Log in the back of Communication World. Thanks also to all the people who put out this bulletin. I'm new at this hobby and there's no way to do it without belonging to a Club & this one does a great job. Now, on to DX. After receiving a wonderful letter from JOHN FELTMAN, I ordered an SM-2 per his advice. It came yesterday & I love it. Elusive R. Barbados was a snap with the loop. Unfortunately, homework is keeping me away from my new toy. When I get time, it's like MM all night long with the new antenna. It sure beats my CB antenna. I've also discovered splits since my last Muse. My DX-160 does a very good job in my opinion. Of course, all I've ever compared it to is my transistor portables. Totals are up to 464 stations in 33 states & 23 countries. By the way, does anyone know anything about a R. Trece Sesenta on 1580? I heard it & taped that slogan. Perhaps XEPA-1390 moved & I just didn't know it. Also, do taped IDs count for awards? There's no way I can afford veries. That's about it, 73.

SEASON IS OFF TO A FANTASTIC START

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052 201-736-1681
 Well, the DX continues to roll in here with four nesies since last week, in WBER-1580, WQAP-1080, WUFO-1080, & WKOX-1190. Verles since last week include: WDET-1330, WTTI-1570, WCLN-1170, WETT-1590, CHOW-1470, to 595 veries, can 600 be far behind? Since 10/136 new stations, 46 reports sent out, and 15 veries back so far. It's the best start I've had on a season in I can't remember how long. I've noticed one disturbing fact so far, that I am getting more and more veries back where someone scribbles "report confirmed" on my original report and sends it back. It's still a verie, but won't go in my albums, I keep all those in a separate file. I hope to see some of youse guys at RAY AR-UDA's on the 16th of November. 'o until next week, adios amigos!

WITH THE CHRISTMAS MAIL SEASON UPON US, WHY NOT SEND YOUR MUSINGS IN A COUPLE OF DAYS EARLIER?

WANTS REPORTS ON HIS WCHE-1520 FREQUENCY CHECK

DAVE SCHMIDT - 43 Chelwynne Road - Castle Hills - New Castle, Delaware - 19720 11/14/78
 Yes, Mildred, there is even some DX to report: 10/28- WWST-960 & WPRT-960 both noted 6:54-7:01pm, WWST w/MoR, NX, then s/off; WPRT w/NX, long s/off w/SSB. 10/29- First day of EST brought WWIT-970 6:6:12am w/s/on, then gospel stuff, way atop, even held on the car radio going to work @ 6:50am, very strong. 10/30- The DX TEST from WSKI-1240 was noted 12:15-12:27am w/mx, talk & TT, mostly w/WWWD & the jumble. 11/5- WAZS-980 noted in about five other s/ons w/SSB, long announcement, then NX, 6:6:03am. 11/7- While trying again for the WPCE-1400 r/c, somebody was noted there w/TT & breaks every minute from 12:33 till 12:45am, so a tentative went to WSHB, after I gave myself a headache listening to the tape over & over till 1:30 that morning, hi! The WPCE r/c was also noted w/TT 12:31 till 12:33am, he runs just long enough to be measured, then back to RS. Veries: V/1 & QM from WWST-960, v/r from WPRT-960 (also mentioned they're looking for a CE w/a first class ticket), & WSKI-1240 sent a v/1 on a Xerox CM. Total: 965. WWST & WPRT both returned my postage. Did anyone hear the story of the Mexican station that was so desperate for business that they were running ads for Left Handed Bathtub Wax and were offering applications for people to join the French Foreign Legion? We'll have to ask Hefty Blooper about that one during the April Fuel Issue, hi! (Hefty's been kidnapped by Capt. Glotz, we hear, Dave - ERC) With luck, the buglegum won't come off the wires at WCHE & we'll do well on our fourth Tuesday r/c's, 12:30-12:40am, w/TT. Give us a whirl, we've already gotten a Toledo call this season. All problems with our daughter have seemed to be calmed down for a while, she is doing well and back to her getting-into-everything condition. That should be it, till next time. 73's.

DX YAD BY YAD (DAY BY DAY SPELLED BACKWARDS!)

TOM (call me Confused) BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D.C. 11/13/78
 Would you believe I forget where I left off in my last Musing? So we start with today, & work back for 30 lines or less. First, I have another for Ernie's collection of Public Service things. This morning (11/13) local WRC had a PSA warning parents to be sure and check the goodies their little tykes bring home Halloween. Kind of makes one wonder if maybe some of their commercials might be just as outdated? As to what has been (or hasn't) been heard, we offer the following: MM 11/13- Local WRC off again, which gave us WPHG-980, Bristol, Va. @ 2:50am, new logging & taping for us. 980, @3am, unID CBS NX, weak, & WPHG came back up before we could get an ID. 12:10am on 1190, strong TT, off 12:11, no ID. 11/11- 1590 @ 2:13am, someone IDed as 16-q, perhaps my unnn WQQW? (No, 'tis the ID for WJQ-Pa. -ERC). (WQQW is "QQ Radio"). 5:03pm, WCLN-1170 N.C. squeaking in with end of NX & WX, a nesie. 11/10- 1590, 3:23am found WJSD, Tenn. running ET, wiping out WAKR. 11/9- 1580, 2:14 am, unit probably an ET, much OC, wild NX items @ 2:31, cancer PSA @ 2:34, more weird NX, PSA for Young Adults but no ID with more OC through 3:03am when we gave up. 11/8- 6:59am, 760 brought us WCP5, N.C. w/NX/WX a nesie. 11/7- I tried for the KUOM TEST, nothing definite, tones heard during most of the period with some new tones noted @ 2:26, so we try again this morning. 11/6- 12:20am, WQNC-1240 N.C. on f/c, many VIDs. 1:45am on 980 brought us KMBZ Ho. for the first time - looks like WRC is going to be off every MM. 11/5- 12:37am, ZNSJ-1540 super loud with bank commercial, make the Bahamas a better place, etc. 11/3- 5:45am, 1520 found WHIC, Ky. r/c w/VIDs. 1:01am, KFVS-960 Mo. f/c strongest I've ever heard them, many IDs. 1:16, WMOO-1550 unnn, Ala. w/ET. They QSLed with daily program sked, small bumper sticker, on/offtimes for the year. I must be getting near 30 so we sign off. I'll recognize you in ST. LOUIS by the bear in your left hand, no doubt, ERC. Don't change hands! Take care and good DX to all.

SUGGESTS CHANGING THE FREQUENCY OF THE NRC HAM NET

THOMAS R. SUNDSTROM - Box 205 - Willingboro, New Jersey - 08046 W2XQ 11/13/78
 It has been quite some time since last writing. Perhaps a brief intro is in order: Age is 36, & I work for the N.J. Department of Education. I have been MW DXing more-or-less since 1957 (about 1,200 stations, 65 countries, 47 states), in the NRC since 1970, and edited a portion of the NNRC's CCB pages 1963-65, & 1971-78. I have had a variety of Hammarlund receivers (-120, -129, -140, -150) & others over the years, but now have the Drake SPR-4 & Worcester SM-2. I finally picked up a ham ticket in 1975; I got the Extra in 1/77, & this call in 8/78. HF equipment consists of a Yaesu FT-901EM (160-10m), a 135' LW, & an HQ-1 minibeam; 2m FM, a Clegg FM-28 with an 11 element beam. I have been doing some part time writing over the year, since 1966; currently, all contributions are in amateur radio and are now appearing in "Elementary Electronics." On MW DX for 1978-79, the only catch was the WSKI-1240 DX TEST (others not heard). And to those on the NRC ham net, we have got to move above 3910 kHz if we are to survive in the General segment; 3895 is absolutely impossible with QRM from the jammers and clowns that inhabit that particular area. NRC HQ... pick something & publicize it. I enjoyed talking to N4NU (Dan), K8GVU (Dick), W2WEN (John), & WD4NBO (Bruce) on 11/12. I hope Ross (W9BG) gets well soon & we'll see him back on the air.

INVITES NRCERS TO PAY A VISIT & TALK DX

WAYNE HEINEN - The Pike's Peak Diner - 427 East Caramillo Street - Colorado Springs, Col. 80907
 Tally Ho & away we go! KIUP went coast-to-coast on 930kHz - list of reports were sent to HQ. DX has been sparse due to overwork on fixing the house & severe line type noise cropping up (hi to DAVE SCHMIDT). DX as such: 10/16- r/c-TT KMUS-1380 5:33-5:45am; KGO-810 finally reported 2:13am w/talk. KFUO-850 o/u KOA w/P.S. talk show. 10/23- r/c-TT KROX-1260 w/IDs, 1:07am. 10/30- WQEM-1440 on RS w/rr until 2am s/off. Veries: v/f & v/q- KGO-810. v/q- KROX-1260. v/1- WQEM-1440. Any DXer-types headed this way do drop in, we enjoy the company and the chance to talk DX. 73's, all.

THURSDAY,
 REMEMBER, THE NEXT MUSINGS DEADLINE IS DEC. 14.

ARIZONA AT TWILIGHT

HARRY J. HAYES - Star Route - Box 226c - Gouldsboro, Pennsylvania - 18424
 Good CX at SSS has been few and far between but what there has been has been very good. 10/22, a good SSS session. Things started out with WJPS-1330 Evansville, Ind. blasting into NE Penna. here @ 6:35pm. WEIF-1370 Moundsville, W. Va. heard strong at 6:40. At 6:59 WGOH-1370 Grayson, Ky. was heard signing off w/announcement o/SSB, a new one here. 7pm, WIZO-1380 Franklin Tenn. in with great signal & Mutual NX, another new one. A mystery on 1380 @ 7:20 - call sounded like WPS. 10/25- From the house in Wilkes-Barre 6:36 pm, WHNC-890 N.C. blasting in which tipped me off for a nicely heard s/off on WCBX-1130 Eden, N.C., WNEW no problem. 10/26- UniD-690 w/s/w s/off @ 7:30pm EDT "Don Brady Show." 10/29- 1:50am EDT WQMI-1340 Ashland, Ky. dominating channel. 2:45am, now EST, KCMC-740 all alone on channel except for KRMG's occasional TT & OC, "KTAL-98.1" ID. 10/31- In Wilkes-Barre without my trusty NRC Log I netted a new one: WFIC-1530 Va. I also think WCRJ-1530 Fla. was in there w/contemporary mx. 7:47pm, KNIX-1580 Ariz. all of a sudden broke through w/absolutely great signal which stayed in and out until 8pm s/off. That's all. I'm looking for some great AU CX this season.

WORKING MONDAY MORNINGS

FRANK WHEELER - 6589 Wattsburg Road - Erie, Pennsylvania - 16509 11/14/78
 It has been a long time since you have heard from me. + haven't been doing too good as far as CCB DXing is concerned. The other night I got the good news that I would be working every Monday morning from midnight till 6am which keeps me from trying for the Specials. I had been working Tues. & Fri. mornings but now I work Mon. & Thurs. mornings. I like the schedule better, but it sure hinders my CCB DXing and DXing for the Contests. I received my eighth Contest prize of the new NRC Log. I believe it is the best that has been made up. Congratulations to all who worked on it. A strange thing happened today. Our electricity went off for three quarters of an hour and when it came back on, WRIE & WJLK were all over the dial. It cleared up in the evening. I bought a new DL-160 Realistic this Spring. I haven't tried much CCB DXing on it, but was rather disappointed in it. It is better for SW than it is for CCB. Maybe I'll like it better after I get more used to it. No new ones to date this Fall, but I noticed a mess of Cubans and SSES on the dial tonight, 11/14. May you and yours have a bountiful Thanksgiving and don't forget to thank God for your many blessings. He sure has been good to us the past year. 73's.

NOTICES THREE STATIONS WHICH HAVE QUIT AMING

STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, Tennessee - 37701
 MM 10/23 - At 1:03, HISC-1380 was strangely atop on a non-AU morn w/"Radio Nacional" ID, "Buenas noches, Dominicana" & NA. The KIUP-930-TEST came in all on this quiet channel w/a continuous "electronic squeegie" sound and a short ID about every three minutes. Whatever that noise was, it did a great job of modulation, topping the frequency even when the IDs were nearly inaudible. WBEW/WKT/PAT/OMEL are the MM regulars here on 930, but they all have weakish signals - long live WQNT's MM SP. KIUP seemed to be on till about 4:30. 10/29- WKED-1130 Ky. briefly surfaced @ 5:53pm w/ID & Standard Time reminder. MM 10/30- I kept my ears peeled for Herb Alpert mx during the WSKI-1240 TEST period, but no luck. At 6, WQCH-1460 Ind. atop w/AM-FM s/on; the new WJTP-1130 N.C. overcame WNEW @ 6:33 w/NX & SX. SM 11/5- The four WRS-1170 o/u HUNW @ 5:05-5:20am w/calm FF talk & EZL instrumentals; WNAV off for the usual first MM SP. By the way, HUNW seems to have dropped AMING. H'mm... WCLS, HILR, HUNW - could a trend be developing here, hi? 11/7- Nary a sign of KUOM-770-TEST, but I'll keep trying. 11/10- KGNC-710 Amarillo weak but nearly alone in AU CX w/local SX reports @ 6:42pm, disappeared @ 6:45 pattern switch. I spent most of the evening vainly trying to get an ID out of the // SSES on 1180 & 1190 - they sound pretty much Cuban, but nothing definite yet. MM 11/13- WAPA-680 P.R. poor & fady 3:04 w/"Wahpa" ID at end of NX, format seems to be disco stuff in SS & ER. Only the third P.R. here, thanks to the mainland-nulling DAS the FCC's seen fit to give most of 'em. 73.

GOOD SS & SSS DX ROLLING IN

JOHN HOOGHEHEIDE - 105 BaySide Lane - Brandenburg, Kentucky - 40108
 Lots of QSLs in- WQIO, WIP, CPFL, KJSK, WKOG, WHB, WWWF and probably one of my best QSLs ever considering time of day & frequency - v/q in from KGHF for tentative report verifying three specifications @ 6:45pm. I'm only 40 miles from semi-local WAKY also. I guess there's still DX audible. 11/9 @ 4:45pm WBRJ & WRNL-910 in & out, both new logs. WAVU -630 s/off 5:45pm w/no mx. WIEW-580 w/Kansas WX @ 6:15pm. Also KNOE-540 w/NX. Nice log in WAD-640 Norman w/WKHK on Beverage; inaudible on SM-2. QSLs today- CKWS, WDMG, WKRR, WJJC. 11/10- WADC-1050 atop all @ 8am, WKNG-1060 @ 5:45pm s/off. R. Colosal-1005 Naiva w/futbol @ 8pm, //4945 SW. R. Calendario-1020 Maracaibo 8:30pm & R. Sutatenza-1010 Barranquilla @ 8:35 atop. R. Uno-775 @ 9pm. 11/11- WFGW-1010 atop @ 7am. 11/12- CKNX-920 atop @ 6pm, CKLI-910 way atop @ 6pm. 11/13- CKKW alone on 1090 @ 2am. Tter on 1600 2-2:08 s/off leaping towards New England. Might this have been the Massachusetts station - anyone else hear this? WMOO-1550 TT 2:14 w/IDs. A good log on XMO @ 2:45 w/gospel. SS on 930 w/WKI sounded like a Cuban R. Nacional - very weak - could this be? YVOV-540 @ 3:45. Loud s/on w/NA @ 3:58 on 540 was R. ABC, Santo Domingo - seems to have different ID, sounded like R. Clarin, but I doubt that - also "Voz del Campesino." WLS-890 noted off @ 4:45 & La Voz de Bogota in w/super signal. Fantastically loud R. Libertad, La Voz de la Revolucion y La Cinco-horade Panama on 890 @ 5. I'm at 883 now heard & expect the 900 level by 12/1 & hope to have 1,000 by early Jan.

HERE ARE THE UP-COMING PROVINCETOWN DEADLINE DATES FOR MUSINGS & VERIE SIGNERS:
 THURSDAY, DECEMBER 14 (FOR THE "BETWEEN THE HOLIDAYS ISSUE") AND THEN SATURDAY DECEMBER 23,
 THEN SATURDAY DECEMBER 30, AND THEN BACK TO THE USUAL MONDAYS BEGINNING WITH JANUARY 8th.

HAS FINE TRIP TO HAWAII

CHARLES J. MARTIN - 316 East Walnut Street - Long Beach, New York - 11561
I just got back from Hawaii. We enjoyed it very much. It is a perfect place to live but not good for DXing. I heard these stations in Honolulu: KGMB-590 KOKU-650 KKAU-690 KGU-760 KIKI-830 KAIM-870 KAHU-940 KHVH-990 KPOI-1040 K-108-1080 KLEI-1130 KOHO-1170 KZOO-1210 KNHI-1270 KCCN-1420 KUMU-1500 & KISA-1540. KMVI-550 was very weak. I had to fly to Maui to hear it good. Also from Honolulu I heard KIPA-620 KUAL-720 KNON-790 KPIA-970 KUMI-1310 KIVM-1350 KMIE or KIME-1380, I couldn't really get it right. I also looked for KHLO in Hilo on 850 & KHVH on 1350 in Lihue but I couldn't log them. It sounded like Kauai. Other DX heard was KPNW-1120 in Eugene, Ore., KLIV-1590 in San Jose Cal. & JOKE-1600 in Japan. I looked for other stations from Australia etc. but no luck. I went to see GUY KULLMEYER who lives at 2611 Ala Wai Blvd. in Honolulu. We really enjoyed our visit with them. He has a nice radio but he too has trouble getting good DX. I would have gone to see NORMAN L. MAUIRE but he left Hawaii. I took my portable Panasonic RF-1600 allwave. I couldn't get anything I looked for on SW. It must be the mountains there. While we stayed overnight in Cal. I heard 32 in California & XEEM-950, XETRA-690, XEPRS-1090, WBAP-820, WCCO-830 & KOA-850. I also heard JORF-1420 in Japan. Also other Mexicans I couldn't ID.

HAS VISITS WITH TWO LOCAL MEMBERS

BILL WURTZEL - 32 West 31st Street - New York, New York - 10001 - 212-594-4892 11/11/78
I have enjoyed visits with two area NYC members, TOM SEITZ in Manhattan, and LARRY RUBIN in Forest Hills. Tom brought over a Panasonic four-band with URF, and is quite sensitive on AM. He visits me once a week and is only a 15 minute walk away. I really enjoyed Larry's FRG-7. During the day we pulled in a strong signal from WGH-1490 Greenwich, Conn. with many mentions of Darien. We thought it might be a new station on 1510 in the area because the frequency came in a bit off. He uses a two-foot loop antenna which helps bring in the signals. On the way home, it was still light out and using a Sony pocket portable model TFM-3850W, I heard WRUN-1150 Utica, N.Y. the John Voruchi Show. He's either a DJ or an announcer. The time was 5:35pm Oct. 28 and with WNEW-1130 New York and its 50kw signal, I heard WRVA-1140 from Richmond, Va. Those super-sensitive Sonys are superb! I recently picked up the Realistic Patrolman CB-8, an eight-band radio with UHF. It tends to overload a bit during the daytime because I am located in a strong signal area. Mainly on AM, with harmonics and spurs coming in all over the dial. The rest of the set is all right. It was on sale in October at Radio Shack for \$40 off list price. And now what the membership has come to expect of me, limericks:
I visited Larry Rubin in Forest Hills
He said he takes a few vitamin pills
Here is the latest scoop:
His antenna is a two-foot loop
I got tangled up in the wires on his window sill!

Today I was in a bad mood
But cheered up with a card from Nat Cupingood
Asking about the Realistic TRF
I sent him my poem 'Mutt & Jeff'
Hoping that should satisfy the dude!

John Kromka, remember the day
You DXed Station WWBK?
Well, they changed their frequency
from 15-60 to 15-90
You won't be hearing them any more today!

Come on all you NRCers out there
Sit down on your easy chair
Drop that bottle of booze
Send a Musing to DX NEWS
And make Ernie Cooper lose his hair!
A hearty 73 from the rhyming turkey.

TA'S ARE MAKING IT IN UP NORTH

MORIS SORESENSEN - Box 764 - Leaf Rapids, Manitoba - ROB - TWO 11/13/78
A few weeks ago a friend & I put up a 75' longwire for my HQ-150 and since then the DX has been rolling in. 10/30 saw my first TA activity of the season - no new ones but re-logs of Albania-1394 @ 6:02pm, Luxembourg-1439 @ 6:17pm, TWR Monaco-1466 @ 6:56pm and B.R. Munich, West Germany @ 7:01pm. 10/31- Albania-1394 again @ 6:03pm along with a re-log of Albania-1457 @ 6:08pm and an unID around 1425kHz @ 6:12pm in EE w/rr, a format reminiscent of AFRTS Thule which I thought had moved. 11/4 saw a logging of one of my most wanted domestics, CFP-1230 Thunder Bay Ont. @ 1am w/NX 11/6 saw more TA activity between 6:13 & 7:08 pm with new countries logged in Prague, Czechoslovakia-1286 @ 6:13pm and Austria-1475 @ 6:57 plus re-logs on Albania-1394 & 1457, Luxembourg-1439, Monaco-1466 & an unID on 1520. Albania & Luxembourg were so strong I could copy them easily on my RF-2800 with only its built-in loop. 11/7 saw me try for the KUOM 770 TEST on @ 1am but I doubt if they were on as all I got was TVI on the HQ-150 and a weak KOB on the RF-2800. TA's were in again but the only readable signal was Albania-1394 for the fourth time this season! Only QSL recently was from CFRW-1290 Winnipeg, Man. 73.

PRAISES HIS SONY PORTABLE

BILL HARANG - 811 Nevada Avenue - San Jose, California - 95125
I enjoyed reading FRANK DAILEY's "Logging 50 states from New England" article, since it gave me a greater understanding of what kind of conditions DXers in the East face. I brought my Sony ICF-5900W up to Washington and was happy with its performance, a very convenient portable to carry along on a trip & only 4.8 lbs. (including batteries) compared to the bulkier Panasonic RF-2200 w/7.2 lbs. The Sony has strong audio power, great for outdoor listening purposes like my recent trip. While the battery problem mentioned by some in other publications about the Sony has been blown out of proportion to an extent, the problem is really not that bad on ECB, more on SW by far. I do believe that Panasonic has an extra fea-

(Harang) ture on some of their higher-priced portables (higher than Sony ICF-5900W at least) which I haven't seen on a Sony yet. That doesn't mean it's around on a Sony, it just means if it is, I don't know about it yet. That extra feature is an automatic light switch. By an automatic light switch, I mean that you flick on a switch and the radio tuning dial light stays on continually without interruption until you turn it off. With an automatic light switch, you don't have to do the extra work of having one hand on the light switch and the other on the dial. On non-automatic light switch portables like the Sony, if you're outside at night with no outside lights and you accidentally release the light switch, say hello to total darkness! The automatic switch, in my opinion, should be put on all portables which have light switches. However, to some, it's a waste & a disadvantage because an automatic light switch also drains the batteries fast, especially if one falls asleep listening to the radio.

PICKS UP OVER-DUE VERIES BY PERSONAL VISITS

KELLY ANDREWS - 7016 Montauk Drive - Richmond, Virginia - 23225
Finally, a chance to huse! With the birth of Brian, our 4 1/2 month old son, we've had a chance to visit friends and relatives in N.C. & allowed me the opportunity to visit some of my hold-outs. Hopefully the following results will help others. The infamous WTL-870 Kannapolis gave me a lukewarm reception on a Sunday morn. I was able to get a signed letter from an announcer, James R. Covington, who was running a church remote but who wasn't particularly interested in the hobby. The best bet is probably Fred Whitley Jr., a young guy who is the son of the owner. At WHNC, Henderson, I found the station very interested in reports and the PD, Terry Wayne, says he'll verify all reports sent to him. During a weekend in Raleigh, I ventured out to WHTP-1590 in Clayton who has had a recent overhaul in staff and management. The station is now c/w & IDs as "Happy Radio." Either Brad Crone or Dave Galoway in their NX Department said they'd respond; the CE is a bit unreliable. From Clayton I went to Chapel Hill to visit WRBX but found the station has moved to Durham. There is a new Station Manager, Harry R. Knight who wants reports especially after they go 10kw daytime in December. The new address is 5529 Chapel Hill Blvd., Durham, N.C. 27707, the format is gospel with the station slogan "The Sound of Love." This is an entirely new operation, all new studios, XR location and pattern (directional to the East). While speaking of reluctant verifiers, my thanks to DAVE SCHMIDT for forwarding the name of Ted Sohler, PD at WEEP-FM, now WDSY. After four years he finally verified my reception of WEEP-AM. Other than travelling, I have spent some time DXing. 10/22- WCTW-1550 was in from 7:47-8:05pm w/T-40, NX & spots; CJVA-810 finally from 8:26-8:52pm in FF o/WGY, first log on both these, and N.B. #1. 11/2- Found WTTN-1580 on from 6:42-7:03 with spots, WX & AM-FM ID at top of the hour, kinda late for these guys to be on, yes? 11/13- This was a productive evening on 800, w/WSUZ s/off @ 5:30pm o/mx of "Una Paloma Blanca" (?), then WGGY with religion and s/off with hymn @ 5:45 and lastly WSHO w/c/w, promo for WYES-TV and s/off @ 6pm.

LISTS HIS UNUSUALS - NO REPORTS OUT

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337 11/20
In filing my "hundred" veries 4,001 to 4,100 I found a couple of duplicate veries from old receptions, so the number is now at exactly 4,100 (again!) with the addition of one this week, WNTY-990. DX Down the Week: 11/15- Unn YIM-620 topping there w/US oldies @ 1:51. I noticed WOR's AN man is now John R. Gambling - he's the third generation of John Gambings on WOR. His father does the 5-10am show now, and his grandfather had the wake-up show before that - radio nepotism? Hi. 11/16- Larry King Show is on "The New 98" WILK, & is adding KEM-1450, Portales, N.M. DX putrid this AM; semi WKRI-1450 almost alone there @ 2:05, & so back to bed. 11/17- Unn WYFA-1580 L.I. on ET/mx @ 1:07, plenty of announcements. Unn WROD on top of 1340 @ 1:16, sounds like NN programming. On 570 @ 1:48, classical mx on the guitar ended @ 1:49, then FF announcing & s/off @ 1:55 w/o Canada, ID sounded like "CBA"?? I, this is CJEM-N.B., they did not mention so on s/off. 11/18- Semi-AU, with rain & high winds, and rather warm. On 625, R. Cucu-Costa Rica in weakly @ 2:03; I wonder if my 740 & 790 cucus are part of his network? This AM on 570 w/MCA was Havana. Clarin-860 must be AN Sat. & Sun. M's only now; they were today, heard @ 2:09. Very weak SS on 875 @ 2:10. Even though semi-AU, WCCO-830 was barreling in; odd. SM 11/19- Radiolandia-1160 in well @ 1:15, o/het. High TT noted on 740 ending @ 1:22, no ID. A couple of TAs noted, on 863 & 1376, both France, I think. WBSM-1420 was off today, with WHK/CKTL fighting it out there. R. Relej-1100, Bogota, o/WWWE @ 2:07. MM 11/20- MOR-710 was off this morning, nothing noted there but loud OC & weak SS. Arabic mx on 548 @ 1:17. Topping their channels were WIMJ-620 @ 1:09, WCHS-580 @ 1:13, CFWN-790 @ 1:18, & WEAT-850 @ 1:22. A loud OC on 900, probably CKTS as they were not noted this AM. TAs were squeezing through on 809, 863, 1025, 1034, 1043, 908. WAVZ-1300 was on ET/rr with RS-sounding programming off & on. SS on 1025, tough to loop - I couldn't determine if it was an LA or a TA in Spain, likely an LA for it was still there around 3. A Maracibo ID was caught on 980 @ 2:49 u/CKGM, and one other SS there too, a tough one to log, not enough, with some U.S. pops. Two Venezuelans on 1020, the louder by far was my nemesis, Margarita, and the other, another reluctant verifier, Calendario. R. Vision noted atop 1220 @ 4:04, but I was now too tired to sit with WHTZL - some other time, when the SS Station Guide slips come out. And now, look out, BILL WURTZEL! There's a guy by the name of O'Doherty who gets his kicks writing poetry.

I'm looking forward to the big OTG
at RAY ARRUDA's. Thanks to nice
phone calls from ROLLAND LINDELADE
and STAN MORSS. C U N 7.

He'll take a nickel and dime
And force them to rhyme
And has his work stamped by a notary!

LET'S GET ON THE BALL AND JOIN THE LIVING NATIONAL RADIO CLUB, AND MUST! THE NEXT MUSINGS DEADLINE, AGAIN, IS THURSDAY, DECEMBER 14th. THEN, SATURDAYS, DECEMBER 23 & 30, AND THEN BACK TO MONDAYS BEGINNING JANUARY 8. PLEASE REMEMBER TO DOUBLE SPACE & USE A.M. & P.M.

M O T H B A L L M E M O R I E S

CHAPTER L C I V - THIRTY-SEVEN YEARS AGO -by RICHARD WRIGHT

As a brand new member who is resuming MW DXing after a lapse of about 37 years, I thought I would do some writing about the old days.

Originally I DXed out of Chicago using a six-tube Silvertone hooked to an RCA Spider Web antenna. Before hanging up my phones to go off to war I had somewhat in excess of 400 veries, including 47 of the then 48 states (Nevada was never logged). Looking through my old book of veries I find five Ohio State Patrol stations (WPHT, Cambridge; WPGG, Findlay; WPHK, Wilmington; WPHG, Massillon; & WPGQ, Columbus) that used to operate on or near 1500kHz (kc/s in those days) which was then just off the upper end of the BCB which ended at 1500kHz. Also in Ohio was W8XO, the 500kw test call of WLW. In New York there were NBC's WEAJ, now WNBC, and WJZ, now ABC's WABC (that was before the NBC Blue network spun off as ABC), and CBS's WABC, now WCBS. Coming West to my home state of some 27 years (since just before leaving active duty in the Air Force) I find similar call changes. NBC's KPO in San Francisco is now KNER. Though I never verified them, KJW (if my memory serves me) in San Jose was bought by CBS and moved to San Francisco, though its call became KCBS some time before the move. Earle C. Anthony's KECA was bought by ABC and became KABC. Until a few years ago Earle C. Anthony still owned KFI. Both stations are in Los Angeles. In those days, even though there were only 650 or so stations in the U.S., time sharing was common. For example, WLS & WENR in Chicago, and the double sharing of WFAA and WBAP, Dallas-Fort Worth, in which they shared two frequencies, with one operating on one while the other was on the other. Besides 47 states I verified D.C., Puerto Rico and Hawaii (KHU) in the U.S. In Canada, I had veries from seven provinces (all except Prince Edward Island and Nova Scotia - Newfoundland was not part of Canada then. In Mexico I verified five states (Chihuahua, Coahuila (remember Doc Brinkley's XERA?), Jalisco, San Luis Potosi, and Tamaulipas, and the then territory of Baja California. I was never able to pry a verie out of KEX in Mexico City. I, of course, verified a bunch of Cubans, all in Havana except CMGE, Matanzas. Finally I had veries from seven other countries on four continents: Guatemala (TGW and TG-1), El Salvador (YSS), Bahamas (ZNS), France (Radio Normandie), New Zealand (1YA & 3YA), Argentina (LRA & LS-11) and Brazil (PRG-2 & PRF-3). I just resumed DXing in March, using a Realistic (Radio Shack) Patrolman 9 with only its internal ferrite loopstick antenna until I decide on a good communications receiver. After only a month (I have been out of circulation for six weeks because of travel and repainting my house) I have veries from 15 states out of 16 logged, British Columbia, Chihuahua and Baja California Norte. Two of the states are Hawaii (KORL) and Tennessee (WEM) both on 650kHz which I logged and verified concurrently. Incidentally, for the information of readers, KORL reports in their v/1 that they lost their transmitter in a fire 12/17/77, and are now sharing KGMB's tower on Waikiki and using a Collins 820F-1 transmitter, which was diverted from Radio Nacional, Caracas, Venezuela, and delivered from Dallas within 12 hours after the fire. Though listed at 10kw, KORL is operating under a special temporary authorization which permits 5kw computed by the indirect method and amounts to substantially less than 5kw into the tower. I hope I haven't rambled too much, but it's good to get back between a pair of phones again, & I like to yak about it.

NEXT WEEK: ANDY RUGG

WE NEED MORE MEMORIES!!!

WGKA-1190 IS NOW USING ITS NEW 5,000 WATTS

GREG HARRISON - 6850 Landmark Way - Austell, Georgia - 30001 (dated 10/29; received 11/20) (pronounced 'Horse-tail'). Greetings & salutations to the hoards of fearless dial twisters everywhere! Not much to report from here, just a consuming work sked, that's been limiting the pace of DX. I have plenty of good memories from Labor Day in Atlanta & I'm already making plans for next year's madness in ST. CHARLES, and wishing the best of luck to the ST. LOUIS gang in finding a hotel across the street from the KMOX XR, hi hi. DXing has been fairly good to me despite the lack of time spent of late. Daytime CX on Sun. 10/29 were rather strange for 65°F., with abnormally loud copy out of CMQ-640, WMAQ-670 (in WRNG null); WGN-720, WBAP-820, KMDX-1120, all of these within 15 minutes either side of noon EST. I also heard weak audio looping WNW/ESE or thereabouts on 830k - which wasn't the right direction for possible Atlanta spurs, but personally I would have settled for a tentative ID from either KEOA or WCCO, hi, @ 12:20pm. I'm still waiting (but not looking forward to) to find out what nighttime-WRNG-680 will do to the 680 vicinity - latest word says January or February for completion of antenna farm. Also, local WGKA-1190 is now running 5kw, as per announcement on 11/7. Their modulation is about the cleanest in Atlanta, so their signal effect is not that much stronger here, ten miles West of their XR. Kudos to GARY ATKINS on the address labels - 759 out of 760 ain't bad, hi. Thazzit for now, wishes to all for a joyous holiday season.73.

WEW

77 radio

517 STADIUM PLAZA • SAINT LOUIS, MISSOURI 63102

Radio 860
Kwho
MOUNTAIN WEST
CONCERT RADIO

512 East 2nd South,
Salt Lake City, Utah 84102



KWHO-FM
93.3

WJPF

Radio 1340

P.O. Box 550 Herrin, Ill. 62048

CGUA Radio Acadie Ltee

810 AU CADRAN

93, BOUL. ST-PIERRE EST
C.P. 970, CARAQUET, N. B.

TEL.: 727-4426

EOB IKO

Le 05 novembre 1978

Monsieur Kelly Andrews,
Richmond, Virginia,
U.S.A. 23225

Cher monsieur Andrews,

Yours is the first of a series of letters this station will be receiving during the next few months... Thanks very much for your reception report and recording tape. If I am not mistaking, I was already asked by one of your members (National Radio Club) to write a few words about CJVA Radio-Acadie. Being Atlantic's Canada newest French-speaking (language) radio station, CJVA has one of the largest daytime coverage in Eastern Canada. It is heard in at least five provinces (Québec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland) and the French department of St-Pierre et Miquelon (off the coast of Newfoundland.) It is strategically located on the northernmost tip of New Brunswick between Baie des Chaleurs and Gulf of St-Laurent. Caraquet (and the Acadian Peninsula) is known for its French-Acadian culture, large fishing industry and is the cultural centre of this only bilingual Canadian province. Close to 40% of New Brunswickers are French-speaking, descendants of the first European settlers to Canada. Unfortunately, we don't have available any QSL card but we will be sending you this letter as verification.

LETTRE DE VERIFICATION: (CJVA RADIO-ACADIE 810 KHz Caraquet, N.-B.)

DXer: Monsieur Kelly Andrews

Récepteur: Hammarlund HQ-180

Antenne: Directionnelle

Date: Le 22 octobre 1978

Heures: 21h 26-21h 52 (Heure Normale de l'Atlantique)

Réception: Moyenne

Hoping everything to your satisfaction, je vous quitte en vous saluant bien vous, tous les membres du "National Radio Club" Bon DXing! 73...

(Please excuse my English Writing)

Acadissement vôtre,

François Jacob
François Jacob

CONTRIBUTIONS WANTED!

On hold right now is a two page listing of Australian/New Zealand frequencies under the 1978 Geneva Plan. Chuck, we held this page open but were counting on only one page. So we'll try to run the list next time. Also, several station profiles were sent off to Canada for re-typing by a volunteer there. Please finish these and send them back! The profiles are by Mike Hardester.

We have no other articles on hold. So unless we get some more contributions soon, you can look for 20 page issues. Please keep up your support of DX News.

(Pat)