



# DX NEWS

*the magazine of the  
National Radio Club*

— SINCE 1933 —

Volume 46, Number 5 Monday, November 20, 1978

## STATIC FROM HQ

Do you have a station in your area which has a newscaster who does news in the nude? If so, the folks at Radio News Hotline would like to know about it. They are an organization for radio newsmen and can be addressed at Box 51, Keego Harbor, Mich. 48033. The folks there are looking to find call letters of any stations which take unusual approaches or formats to their newscasts. Anybody knowing any of them, please write as these folks are NRC supporters and also sell our logs, etc.

Special thanks to NRCer George Cook for sending us his Vol. 45, Number 28 and a reminder we still need a couple more, if you can spare yours..... For those who have ordered NRC logs--you should now have yours--if you ordered and have not received yours, please contact the publications center and they will be glad to help you--same goes for folks who want information or orders on any NRC publications--we might also remind you that we use any profits from publications to allow us to keep the dues down, which of course translates into please buy publications!

Lastly but not leastly, if you have any problems with your bulletins--late arrivals, damaged pages, etc. please contact headquarters--we won't do anything for you, but we thought we'd say that, hi!!

HAPPY THANKSGIVING, TURKEYS!

*wolf J.*

## CPC TESTS Times are Eastern Local

- November 27 WWDJ-970 Hackensack, N.J. 0130-0600. The CE promises, on Monday a stack of Holy Bibles (ever hear of an unholy Bible, John?) to definitely run the POP to 0500, possibly until 0600. Power will be 5 Kw and will use the night antenna pattern. Test will include test tone frequency sweeps from 30 to 1000 cycles, plus open carriers and modulation tests. Voice IDs on the hour and possibly half hour. Prepaid calls to: 201/343-5097. Veries from: Jim Galbraith, Chief Engineer, WWDJ, P.O. Box 970, Hackensack, N.J. 07602. Arr: John Kromka, who ordered HQ not to change a word, hi!
- December 4 KADE-1190 Boulder, Colo. 0200-0300 with 1 Kw non-directional. Monday May use 52.1 watt PSA the last 5 minutes of the test also. Signer/arranger is NRCer Bob Greenlee, who is general manager of the station. Prepaid calls will be accepted. New Address: 4840 Riverbend Rd., Boulder, Colo. 80301.
- December 4 KPPC-1240 (100 watts) Pasadena, Calif. 0330-0400. Will Monday use 1000 cycle tones, music and IDs. Possibly KROY may be off the air during this test. Reports to: George Chambers, Chief Engineer, KPPC, 3844 Foothill Blvd., Pasadena, Calif. 91107. Arr: Matthew Shugart for IRCA.
- December 4 KRRR-1360 Ruidoso, N.M. 0400-0500. Test will include tones, IDs Monday and perhaps other items (details later). Veries from: Arthur J. Borgemenke, CE, KRRR, Box 39, Ruidoso, N.M. 88345. Arr: Nolan for GWDXA.
- December 18 KDLG-670 Dillingham, Alaska. 0515-0615 with 5 Kw non-directional. Monday Test will include tones, voice/code IDs, DX gab and some Eskimo gab. Prepaid calls to 907/842-5281. Veries from: Les Robinson, General Manager, KDLG, Box 670, Dillingham, Alaska 99576. Arr: Eddie Ryan (GWDXA).

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

## AM SWITCH

JOHN D. BOWKER  
14 CANOE BROOK DRIVE  
PRINCETON JUNCTION, NJ 08550

And once again, good evening to you! (I assume, like me, you receive your copy of DX NEWS when you arrive safely home after dark on a Monday evening.)(Even with the new address labels Headquarters is using!!)

Well, we've got lots of information to report - the FCC, the CRTC in Canada and the Mexican telecommunication authorities have been at it again, so let's see what's up.

Just before starting, I want to recognize the inputs I've received from a couple of active Canadian NRcGers, John Oldfield and Andy Rugg -- they live at opposite ends of the Dominion so we get excellent coverage of our northern neighbors...in spite of the postal strike in Canada.

Well, let's see, as I said:

## I. CHANGE YOUR LOG TO REFLECT THE FOLLOWING:

## New Stations now on the air:

790 - WETB - Johnson City, TN	1410 - KHOL - Beulah, ND
1130 - WSJP - Murray, KY	1480 - KQLA - Lakewood, WA
1250 - KNCO - Grass Valley, CA	1560 - WYZD - Dobson City, NC
1410 - KBCC - Cuba, MO	

## Changes in Call Letters of existing stations:

1240 - KMBY - now KESE, Monterey, CA	1470 - KUTY - now KUXX, Palmdale, CA
1300 - WLOT - now WCJL, Marinette, WI	1470 - KNDE - now KXOA, Sacramento, CA
1330 - WROS - now WKFA, Scottsboro, AL	1570 - WAPL - now WVMS, Appleton, WI

## II. STATIONS AUTHORIZED TO CHANGE FACILITIES (and probably will do so within weeks):

870 - KAIM - Honolulu, HI changes from 5000/5000 w. to 50,000/50,000 w.  
940 - WE00 - Smithfield, VA remains a daytimer but increases from 1000 to 10,000 w.  
1090 - KANN - Ogden, UT remains a daytimer but increases from 1000 to 5000 w.  
1190 - KRDS - Tolleson, AZ changes from 250/250 w. to 5000/250 w.  
1270 - WXLK - Prichard, AL remains a daytimer but increases from 1000 to 5000 w.  
1360 - KRKK - Rock Springs, WY increases from 1000/500 w. to 5000/1000 w.  
1360 - WBOB - Galax, VA remains a daytimer but increases from 1000 to 5000 w.  
1440 - WKHJ - Holly Hill, SC will go full time 1000/1000 w. (is now a daytimer).  
1470 - WPNC - Plymouth, NC remains a daytimer but increases from 1000 to 5000 w.  
1480 - KWUN - Concord, CA will go fulltime 500/500 w. (is now a daytimer).  
1540 - KISA - Honolulu, HI will go fulltime 5000/5000 w. (is now a daytimer).  
1540 - WRPL - Charlotte, NC remains a daytimer but increases from 1000 to 10,000 w.  
1570 - WKKS - Vanceburg, KY remains a daytimer but increases from 250 to 1000 w.  
1580 - WANB - Waynesburg, PA remains a daytimer but increases from 500 to 1000 w.  
1590 - WJSO - Jonesboro, TN will go full time 5000/5000 w. (is now a daytimer).  
1590 - WLTD - Evanston, IL will go full time 5000/2500 w. (is now a daytimer).  
1600 - WJNJ - Atlantic Beach, FL changes from 1000/1000 w. to 5000/5000 w.  
1600 - WXVI - Montgomery, AL changes from 1000/1000 w. to 5000/1000 w.

## III. STATIONS REQUESTING A CHANGE IN CALL LETTERS (May be in effect by publication date):

860 - WXAP - Atlanta, GA wants WAEC	1300 - WRBC - Jackson, Miss. wants WKXI
1090 - KAAT - Denver, CO wants KLDR	1570 - KHNY - Riverside, CA wants KMAV

## IV. CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS (Watch for On-The-Air dates):

1000 - New - Horseshoe Bend, Ark. - 250 w. daytimer	
1190 - New - Bentonville, Ark. - 250 w. daytimer	
1400 - New - Whitefish, Mont. - 1000/250 w.	
1490 - New - Grand Coulee, WA - 1000/250 w.	
1540 - New - Adamsville, TN - 250 w. daytimer	
1560 - New - South Boston, VA - 2500 w. daytimer (250 w. Critical Hours)	
1590 - New - Gorham, ME - 5000/2500 w.	

## V. CALL LETTERS ASSIGNED TO NEW STATIONS (Not on the air yet):

1600 - WDNV - Dansville, NY

## VI. FCC HAS ACCEPTED THE FOLLOWING APPLICATIONS (Usually takes months to approve):

680 - New - Pineville, LA	1190 - New - Pearl, Miss.
850 - New - Fairview, TN	1270 - New - Buena Vista, VA
1110 - New - Kihei (Maui) HI	1440 - New - Martin, KY
1110 - New - Alvin, TX	1490 - New - Chubbuck, ID
1130 - New - Nelsonville, OH	1490 - New - Laurel, Mont.

As of October 31, 1978, there were 4544 U.S. MW broadcasting stations operating with 317 additional stations either being built or with applications in process.

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## ACTION BY THE CANADIAN RADIO &amp; TELEVISION COMMISSION (CRTC):

## A. New Stations granted Construction Permits:

1050 - CKAL - Vernon, B.C. - will operate with 10,000/1000 w. (JO, AR)  
1070 - CKST - St. Albert, Alta. - will operate with 10,000/10,000 w. (JO)  
1270 - .... - Trenton, Ont. - will operate with 1000/1000 w. (JO, AR)  
1460 - CJMH - Medicine Hat, Alta. - will duplicate CBR (1010 kHz) 10,000/10,000 w.  
1480 - CFNY - Newmarket, Ont. - will operate with 10,000/10,000 w.

## B. Stations authorized to change facilities:

560 - CFOS - Owen Sound, Ont.	FROM: 1000/1000 w.	TO: 5000/1000 (AR)
600 - CFQC - Saskatoon, Sask.	5000/5000 w.	10,000/10,000 w. (JO, AR)
610 - CHNL - Kamloops, B.C.	10,000/5000 w.	25,000/10,000 w. (JO)
620 - CKCK - Regina, Sask.	5000/5000 w.	10,000/10,000 w. (JO, AR)
680 - CJOB - Winnipeg, Man.	10,000/2500 w.	50,000/25,000 w. (JO, AR)
790 - CFAN - Newcastle, N.B.	1000/1000 w.	5000/1000 w. (JO)
800 - VOWR - St. Johns Nfld.	1000/1000 w.	5000/2500 w. (JO)
910 - CJDV - Drunheller, Alta.	5000/5000 w.	10,000/10,000 w. (JO, AR)
970 - CKCH - Hull, Que.	5000/5000 w.	50,000/10,000 w. (AR)
1140 - CKXL - Calgary, Alta.	10,000/10,000 w.	50,000/50,000 w. (JO)
1150 - CKOC - Hamilton, Ont.	10,000/10,000 w.	50,000/50,000 w. (JO, AR)
1220 - CHSC - St. Catharines, Ont.	1000/500 w.	10,000/10,000 w. (JO, AR)
1280 - CJSJ - Estevan, Sask.	1000/1000 w.	10,000/10,000 w. (JO)
1340 - CKVT - Temiscaming, Que.	250/250 w.	1000/1000 w. (JO, AR)
1400 - CKSJ - St. Jovite, Que.	250/250 w.	1000/1000 w. (JO, AR)
1460 - CJOY - Guelph, Ont.	10,000/5000 w.	50,000/50,000 w. (JO)
1490 - CHYM - Kitchener, Ont.	10,000/5000 w.	10,000/10,000 w. (JO, AR)
1510 - CJRS - Sherbrooke, Que.	10,000/10,000 w.	50,000/10,000 w. (JO)
1570 - CFOR - Orilla, Ont.	10,000/1000 w.	10,000/5000 w. (JO, AR)

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## ACTION BY THE MEXICAN TELECOMMUNICATION AUTHORITIES (Reported to the FCC):

Effective Immediately, the following stations are authorized:

1010 - XEEO - Chihuahua, Chih.	1000 w. daytimer
1080 - XEXK - Poza Rica, Ver.	500 w. daytimer
1360 - XEIK - Piedras Negras, Coah.	500/250 w.
1360 - XEXM - Jerez, Zac.	1000/100 w.
1400 - XERUY - Merida, Yuc.	1000/250 w. and moving from 1390 kHz.
1400 - XEQJ - Tamazula, Jal.	Ceasing nighttime operations.

That's AM SWITCH for another month, ladies and gentlemen! I can hardly wait for December 6th to arrive as that's the date the FCC has announced that over 100 a.m. station applications will be available for processing! It will probably take them several weeks (?) to look them all over, but I can see it's going to become a busy time for them...and for me!

Best regards,

*John*

# DOMESTIC DX DIGEST

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

By the looks of this DDXD, everybody seems to be "doing their thing" at local sunset. Guess I'm one of the few trying to DX after midnight! Use ELT & deadlines are Saturdays unless otherwise noted.

## DX TESTS

KFUC - Test ID heard @ 0200, very loud 1/2 hr. before sked start of test.  
KIUP - Tentative by TB. Heard by BPS. (JK)  
WSKI - Heard by DS, FD, TRS, TB, RA. Not heard by PRM.  
WNVL - Not heard by DY.  
WAVC - Heard by DY.

## FREQUENCY CHECKS

3rd Tue. WHOL-1600 (JK)  
4th Mon. WPED-810 w/TT (JK)  
WANV-970 w/TT (JK)

## SPECIAL

890 ---- MA WALTHAM - 10/31 1758-1806, strong OG, unsure of power. ID @ 1800... "This is KZF-810 Waltham, Massachusetts". OG to 1806, then off. Maybe a CP in this area on 890?  
1220 WOMN CT HAMDEN - call change, EX-WODQ. (DY) (MC)

## SUNSET BONANZA

550 WGR NY BUFFALO - 10/28 fair 2300 w/Sabres hockey. (DY)  
WHLM PA BLOOMSBURG 10/24 1819 w/ID, local spots. (MT)  
WSVA VA HARRISONBURG - 10/25 1825-1830 w/ID, local interview. (MT)  
560 CFOS ON OWEN SOUND - 10/20 2043 xlint w/ID, local spots. (MT)  
570 WKBN OH YOUNGSTOWN - 10/20 1847 xlint w/CBS nx, ID, power drop. (MT)  
620 WDNO NC DURHAM - 10/26 1838 xlint w/rr, ID, local spots. (MT)  
WHJB PA GREENSBURG - 10/28 1842, xlint w/ID, local spots. (MT) (MT)  
630 WKBX GA SAVANNAH - 10/28 1930 xlint w/GA-KY FB game, pat. change.  
640 WHLO OH AKRON - 10/28 1912, good w/ID, FB scores. (MT)  
730 WFMC NC GOLDSBORO - 10/21 good w/G&W to 1846 s/off. (MT)  
WPIK VA ALEXANDRIA - 10/28 1730, good w/C&W mx, ID. (MC)  
740 WBAM AL MONTGOMERY - 10/24 1900, weak u/KRMG/KTRH w/C&W mx, then nice ID on tape, a most wanted catch. (JC)  
WVLM IL OLNEY - 10/25 1530, restaurant ad, ID @ 1531, good sig. & a new one, never heard before for some reason. (JC)  
750 WBMD MD BALTIMORE - 10/28 1707, good in WHEB null, C&W mx, ads. (MC)  
780 WABS VA ARLINGTON - 10/28 1730, East Indian-sounding talk, then WABS ID. (MC)  
340 WHAS KY LOUISVILLE - 10/30 1159-1209 MoR mx, ID, national & local nx, many spots. My fourth midday catch of a midwestern station, fair in null of WAYE slop. (WPT)  
360 KOSE AR OSCEOLA - 10/30 1830 w/s/off extremely weak, best SSS catch ever! Reptd. (JK)  
910 WORD SC SPARTANBURG - 10/30 1734, fair w/ID, wx. (WPT)  
940 WFNC NC FAYETTEVILLE - 10/29 very good 1835-1845 w/C&W. (DY)  
UNID -- ----- 10/28 1715, ID only as "Country 94", ments. of Temple College, phone # 893-4111 & local spots. (MC) Could have been WVLU. (RA)  
950 WNOG PA BARNESBORO - 10/14 1830, good o/WPEN @ s/off, unusual. (JK)  
WROL MA BOSTON - 10/22 1800 fair @ s/off, EX-WRYT. (JK)  
960 WBOC MD SALISBURY - 10/28 1723, nx/wx, then into AT-40 pgm, good o/WFGL/CHNS. (MC)  
WNST OH WOOSTER - 10/28 1854-1900 noted atop w/MoR, nx, s/off, no SSB. Mentioned to tune FM in s/off. (DS)  
WPRY KY PRESTONBURG - 10/28 1900 popped atop freq. following WNST s/off, w/s/off anct. o/SSB. (DS)  
970 WFUN OH ASHTABULA - 10/27 1847 EX-WRBO in good on RS w/ads, mx, mixing w/WDJ. (JK)

**WYNS**  
1000 Watts Daytime—1150 RADIO

980 WKLM NC WILMINGTON - 10/28 1837-1844, noted w/religion, then s/off w/C&W mx. (DS)  
WFHG VA BRISTOL - 10/25 1900 xlint w/rr, ID, power drop. (MT)  
10/23 1847 noted w/what seemed to be a GOS show, preacher making many ments. of Bristol, format change?(DS)  
990 KWAM TN MEMPHIS - 10/28 1905, noted w/church nx promo then (DS) soft spoken annor way atop WZZD, 1st time heard in yrs.  
WNRV VA NARROWS - 10/25 1836 xlint w/MBS nx, ID, local spots. (MT)  
1000 WGOG SC WALHALLA - 10/30 1748 fair/good w/spot, Buddy Holly song. (WPT)  
1010 WGUN GA ATLANTA - 10/30 1800 fair @ s/off w/ments. of coverage to AL, GA, SC. (WPT)  
1050 WADC WV PARKERSBURG - 10/23 1805 in RS, poor in sharp WHN null, thought at first it was WABC spur at first! (JK)  
WSEN NY BALDWINVILLE - 10/24 1830 poor u/WHN null @ s/off. (JK)  
1060 CJRP PQ QUEBEC - 10/28 1750 all o/KYW w/T40, FF annor. (ERS)  
1070 WKDR NY PLATTSBURG - 10/28 1820 s/off. (ERS)  
1090 WKTE NC KING - 10/25 1845 fair @ s/off in WBAL null. (JK)  
WGOG TN KINGSFORD - 10/25 1851 barely audible in RS w/C&W mx. (JK)  
1110 WUPE MA PITTSFIELD - 10/15 1803 EX-WGRG poor w/local spots. (JK)  
CKJD ON SARNIA - 1028 1741 good in WBT null w/ID, local spots. (MC)  
1150 WGBR NC GOLDSBORO - 10/29 1735, good in WRUN null. (JK)  
1170 WCLN NC OLINTON - 10/30 1727, good w/ad, ID, ABC nx. (ERS)  
1210 WAVI OH DAYTON - 10/29 1759 s/off barely audible u/WCAU, fantastic catch for only 250W! Indeed it was, buddy! (RA)  
1220 WOMN CT HAMDEN - 10/12 1815 very good w/detailed s/off by woman annor, EX-WODQ. (JK)  
WKBK NH KEENE - 10/28 1812, Christopher Thought, Lord's Prayer, then 1815 s/off. (ERS)  
1250 WFAG NC FARMVILLE - fair on 10/19 w/s/off @ 1830, no ment. of call letters. (JK)  
1280 WGBF IN EVANSVILLE - 10/28 1908 local like w/political ad, T40 mx, a common SS pest. (DS)  
1290 WHKY NC HICKORY - 10/31 fair atop channel @ midnight s/off. (WPT)  
1300 WPNH NH PLYMOUTH - 10/25 1739, Buddy Holly mx, ad/ID, fair. (ERS)  
1370 WEIF WV MOUNDSVILLE - 10/28 1745, ID, s/off mentioning C&W format in WFEA null. (MC)  
1380 WNVN CT NAUGATUCK - good 10/14 1811 w/contemp. mx, EX-WOWW. (JK)  
1390 WCOS SC CHARLESTON - 10/30 1737 good mostly o/WPLM groundwave during auroral cx, Pizza Inn ad & Charleston ments. (MC)  
1410 WING OH DAYTON - 10/29 1947 wiping out WPOP w/Rock, ID. (MC)  
1460 WBNS OH COLUMBUS - 10/23 1751, dominant w/"grease" contest promo, ID, then 50's rr. (MC)  
1500 KDFN MO DONIPHAN - 10/16 1930 s/off fair o/u slight QRM, just caught tail end, not enuff for rpt but will try again. (BPS)  
1520 WKMG SC NEWBERRY - 10/30 1745 noted in RS w/ID mixing w/WKWB, auroral cx. (JK) (WPT)  
WNMT GA GARDEN CITY - 10/31 1801, fair u/UNID @ s/off w/no SSB. UNID -- ----- 10/31 1800, missed call but heard slow version of Dixie at s/off, fair sig. Any ideas? (WPT)  
1530 WOBR NC WANCHESE - 1025 1828 s/off noted. (ERS)  
WTHM MI LAPEER - 10/26 1835, dominating freq. for 5 mins. w/nx. (ERS)  
1540 WOGA GA SYLVESTER - 10/30 1756 weak @ s/off, Au. cx severe! (JK)  
1550 WORI TN OAK RIDGE - 10/31 1815 fair @ s/off, EX-WOKI. (JK)  
WBSC SC BENNETTSVILLE - 10/30 1736, good & alone on channel during temp. Au. cx w/local spots, IDs. (MC)  
KQWB ND FARGO - 10/16 1943-1945 strong at SSS w/little QRM, quick v/l in less than week. (BPS)  
1560 WTNS OH COSHOOTON - 10/24 1845, good in WQXR @ s/off. (JK)  
WAGC AL CENTRE - 10/31 1814, fair o/u WQXR @ s/off w/NA. (WPT)  
WAGL SC LANCASTER - 10/21 1847 good w/FB scores, local spots. (MT)  
10/21 1900 s/off w/SSB way atop WQXR. (DS)  
1570 WTQX AL SELMA - 10/30 1810-1815, PSA's, Soul mx, then s/off. (ERS)  
WTWB FL AUBURNDALE - 10/30 1756 poor w/religion & ID. (ERS)  
10/30 poor @ 1801 s/off, Au. cx, no CKLM. (JK)  
WFUR MI GRAND RAPIDS - 10/22 poor @ 1900 s/off. (JK)  
WTRB TN RIPLEY - 10/31 1831 good, alone on freq. w/Ripley ad. (JK)  
KMAR LA WINNSBORO - 10/31 @ 1847 2 mins. after they should have signed off w/local spots, very poor, but my second best SSS catch. (JK)  
WHLP TN CENTERVILLE - 10/31 1831 fair/poor @ s/off, no NA or Dixie, ment. of returning to air @ 0600. (WPT)

# WKVU

640 AM Villanova University, Villanova, Pennsylvania 19085

1580 WTTN WI WATERTOWN - 10/27 1345 fair w/ID, MBS nx. (ERS) 10/27 1353, MBS nx pgm, very weak rare SSS catch! (JK)  
 KNIM MO MARYVILLE - 10/26 1945 s/off, fair w/ments. of ownership & s/on time, no SSB. (BPS)  
 WLIJ TN SHELBYVILLE - 10/25 1900, ID, also heard @ 1917 w/College FB promo, followed by Johnny Major Show, then s/off. (PRM)  
 WEYY AL TALLADEGA - 10/25 1914 fair/good w/ID @ s/off & the familiar "When WEYY goes off, even the sun goes down!" (PRM)

### MIDNIGHT COFFEE BREAK

540 WDAK GA COLUMBUS - 10/30 0131, noted on day pattern, way atop w/"record report" then rr. (DS)  
 560 WIND IL CHICAGO - 10/30 fair/good in jumble w/PSA 0035, long jx, ID, talk show. Nx 0100, wx 0106, considerable better @ 0200 recheck. (PRM)  
 WIS? -- ----- 10/30 EZL sta. fair/good 0029-0041 TC 0033, ments. of capital city, played MoR tunes, QRM from WIND/WJLS/Canadian. (PRM) Sounds like WIS, Columbia, SC Paul. (RA)  
 570 WMCA NY NEW YORK - 10/30 good 0049 w/promo, talk show, strong all morn. (PRM)  
 580 WHP PA HARRISBURG - noted off both MM 10/23 & 10/30. (DS)  
 WTAG MA WORCESTER - 10/28 0744 weak w/rr u/WHP. (MT)  
 590 WOW NE OMAHA - 10/28 0712, weak w/ID, rr, concert spot. (MT) 10/30 good u/Cuban w/promo for sticker contest 0053. (PRM)  
 610 WDAF MO KANSAS CITY - 10/23 @ 0100 poor w/ID in WIP null. (JK) 10/30 strong o/WIP w/C&W, "61 Country" IDs, national & local wx rpts, contest promos 0116-0123. (PRM)  
 WIP PA PHILADELPHIA - 10/30 good o/WDAF 0114 w/mx, contest promo, ID then into Bobby Vinton song. (PRM)  
 630 KXOK MO ST. LOUIS - 10/30 good 0218 w/Crystal Gayle song, IDs, PSA 0221, Cuban JRM. (PRM)  
 730 WPMW KY MADISONVILLE - 10/23 0819, good w/ID & ad. (JC)  
 740 WNOP KY NEWPORT - 10/23 0321 good w/ads/wx/ID. (JC)  
 KOMC TX TEXARKANA - 10/30 think it was they w/C&W 0127, brief SP, then what sounded like FM s/off annct using KTAL-FM, which is in Texarkana, maybe wrong s/off cartridge played @ 0128? (PRM)  
 850 WKIX NC RALEIGH - 10/30 good u/KOA 0007 w/AT-40, later, @ 0143, local spots noted for jewelers & shopping mall. (PRM)  
 930 WTAD IL QUINCY - 10/23 0155 new sta. noted w/nx & FM ments. (TB)  
 970 WWIT NC CANTON - 10/29 0600-0617 way atop w/s/on w/GOS Country mx, calls self "The Big 97 - I T." (DS)  
 1050 WLYC PA WILLIAMSPORT - 10/24 0624 poor but clear in WHN null. (JK)  
 1070 WFLI TN LOOKOUT MOUNTAIN - 10/16 0108 noted on ET/rr/IDs/jx, falls into pest rating. (DS)  
 1240 UNID -- ----- 10/30 0007, Canadian, announcer Peter Jay Johnson giving wx & signing station off. Power given as 500/250 W followed by O Canada, CJCS??? (TB) Might be CFLS Tom, but not sure as they were NSP last I knew. (RA)  
 1280 WKST PA NEW CASTLE - 10/23 0605 in u/WADO w/ID. (JK)  
 1330 WOLD VA MARION - 10/26 0600 weak @ s/on w/ment. of FM 102.3. (MT)  
 1460 WPVL OH PAINESVILLE - 10/23 0613 w/quick ID, then gone. (JK)  
 1550 WXVA WV CHARLES TOWN - 10/23 0112-0140 xlnr on ET/TT/mx. (BPS) 10/23 0115-0137 loud on ET/mx, rebroadcasting WZFM. (DS)  
 1560 UNID -- ----- 10/30 0159, nx, mention of election candidates in midwestern states, CBS nx, EZL mx to 0207 fade out. (PRM)  
 1590 WETT MD OCEAN CITY - 10/30 0455, PSA then pop mx, fair sig. (ERS)



### THE BIG 14:

TB	Thomas Bull, Washington, DC	TRF, SM2
JC	John Clemmer, Peoria, IL	TRF
MC	Mark Connelly, Arlington, MA	HQ-180, SM2, LW
FD	Frank Dailey, Preston, CT	DX-160, 300' LW, SM2
JK	John Kronka, Montville, NJ	TRF, SM1
PRM	Paul Mount, Nelsonville, OH	HQ-180A, Looped
DS	Dave Schmidt, New Castle, DE	HQ-129X, TRF, SM1
BPS	Brian P. Sherwood, Elmaurst, IL	R 390A, 500' LW
ERS	Elliot R. Straus, West Orange, NJ	SPR-4, 135' LW
TRS	Tom Sundstrom, Willingboro, NJ	TRF
WPT	William P. Townshend, Washington, DC	X-tal Set, LW
MT	Mike Tuggle, Bel Air, MD	DX-160, LW
DA	David Yocis, Fairfield, CT	SX-122, SM1
RA	Ray Arruda, Acushnet, MA	

Welcome to all new reporters. See you all next week. 73.....

*Ray*



## THEY JOINED

WELCOME! Muse soon and introduce yourself.

Bill Block, 9307 S.E. Clay Street, Portland, Oregon 97216  
 Charles Strickert, P.O. Box 09433, Milwaukee, Wisconsin 53209  
 (This is member Mark Strickert's father)  
 Eddie Ryan, P.O. Box 9579, Seattle, Washington 98109  
 Eric L. Engelberg, 9824 Watts Branch Drive, Rockville, Maryland 20850  
 James M. Brann, 135 Windsor Circle, Chapel Hill, North Carolina 27514

RENEWALS include John Basehore, Richard Eckman, Mark Strickert, John Feltman, James Le Doux, Karl Jeter, David N. Felty, Weldon Childers, Jerry Neves, Brian Vernon, Hank Holbrook, David Williams, John Heinzelman, Robert A. Curtis, Stephen Francis, James E. Critchett, Dennis Jarrett, William Feidt, Len Kruse, Robert Essmann and Ray Moore.

Since space permits a few changes of address:

Rod O'Connor is now at USCG Base, 259 High Street, South Portland, Maine 04106  
 Chris Lucas is at 126 Hamilton Avenue, Apt. 16, Stamford, Conn. 06902  
 Alphonse B. Tobia has moved to 7603 Linden Court, Newark, Calif. 94560



P.O. Box 1490 • 2333 Bowen Street, Oshkosh, WI 54901

WFTR RADIO  
 P. O. Box 192  
 FRONT ROYAL VIRGINIA 22630

# WDOL

1470 AM - 104.7 FM

POST OFFICE BOX 1607 - ATHENS, GEORGIA 30601



P. O. Box 1246  
 ELIZABETH CITY, N. C. 27909

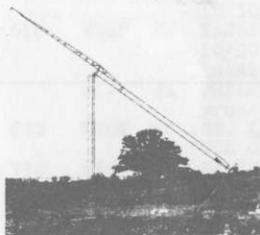
# INTERNATIONAL DX DIGEST

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

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

Not International DX Department: Brian Sherwood-I've got a few 6SS7's if you want a couple. The 6SK7 is an acceptable substitute. The 6SC7 is an even hotter tube; to use it disconnect the suppressor grid from ground on the radio. By the way, all of the old metal tubes can be easily obtained thru Fair Radio, Barry's, C&G, hamfests, etc. Re WCFL's 210% modulation, not likely-most US stations use Audiomax'es or somesuch that limit modulation to 100/125%. If it was really 210%, there would be distortion everywhere.

More from 11/6 muses: Forest Osborn-1204 is likely R. Progres in Haiti-they've been drifting from 1200-1210. Their mx often has rhythmic guitars as you noted. 1125 should be TISRHB but they usually s/off before then. If it wasn't them I don't know who it could be. Roy Barstow: Spain and Bulgaria would both be on just before 8 PM on 1223. Bulgaria runs up to 8:30, usually with classical mx and just pulls the plug without an NA. Both of you gentlemen get the Nero Award for failure to do anything re reporting your catches to IDKD. I continue to get the Elizabeth Ray award for poor typing.



(Once again, NRC solves the Flying Tower Mystery. Tower is being prepared for launching to Swan. Note whirling tail which allows tower to land upright after aerial trip-no pun intended,hi.)

Hawaii: Brian Vernon says 940 is now playing old rock instead of country. I can't verify this,hi. Also, Alaska KFAR is playing MOR after midnight but still rr during the day. Can't verify that either, hi, hi.

Ireland: Bob Foxworth passed along some useless information which I feel obliged to pass along for fear of causing him some hurt. Just kidding as usual. Boob. R. Dublin is operating on 1183 with 400 watts from 0630-2300. Also, "The D" is on 1115 with 300 watts, Alternative Radio Dublin on 1151 (power unknown), and an unid on 1133. (There are indeed a handful of Irish and Dutch semi-legal to pirate stns using a couple of hundred watts at best. I choose not to pass this along because of the extremely low powers involved-GH)

Attention IDK'ers in general, Chris Eobbitt in particular: Ron Schatz has kindly brought me a copy of an album of Latin American anthems put out by Montilla. This is the same album that was used by some DX'ers in the late 60's-I know that Pat Flanagan had it. I would be glad to make a tape copy for anyone-reel to reel at 3 and 3/4 or 7 1/2 or cassette. Just send the tape along and I'll take care of the rest. Also I have an anthem record that includes much of Europe. say the word and that gets taped too. Service is our motto. (How's the radio, Chris????)

I think I'll get on to the tips now. (How's that for an intro???)

309 SPAIN Barcelona fair o/mains buzz w/male a-xapella AA chant  
7/548 0040 10/23. (Connelly)

- 535 GRENADE Mourne Rouge R. Grenada hrd both 10/29 and 10/30 at s/off 0230 which seems to be their regular s/off hour now. Fairly good signals some times but suffers from TVI. Sounds like is in the 5 kw power range. (Foxworth) (Unfortunately Mr. Hutton can report nothing other than the normally poor signals from them)
- 540 MEXICO San Luis Potosi KEWA fair o/CBK 0500 10/9. (Yocis) (Hello there, new guy, and welcome to IDKD. Nice report-GH)
- 548 ALGERIA Oran fair w/male AA chant and flute 2335 10/22. Fair w/AA violins 0114 10/27. (Connelly)
- 555 ST. KITTS Basseterre ZIZ loud w/typical calypso vocal 0007 10/29. (Connelly) Fair w/EE 0340 10/28. (Yocis)
- 570 CUBA Santa Clara QMHI loud, het from WMCA 0436 10/9. (Yocis)
- 575 COSTA RICA TIRN R. Nacional rolling in w/xlnt sigs nightly. S/off is at approximately 0615 or so. They play much USA MOR. Do you have a mailing address for this one so I can send a report? (Cooper) I think I put it in the last issue; if not I'll send it on up to you-GH
- 575 USSR Khabarovsk good sig 1333 10/20 w/RR talk. (Tomer)
- 584 USSR Svobodnyy, Kremlin chimes noted during brief tune-in 1330 10/20. (Tomer)
- 610 TRINIDAD NBS hrd quite a few times on varying dates at levels ranging from very poor to very good at 0400 s/off, following mx pgm, local mx capsule from NBS newsroom. Details (technical) sometimes read, sometimes not. Reception at 0400 10/24 was best and at that time, they mentioned 50 kw power (this is a new development, previously reported as 10 kw) and two FM freqs. Sermon and NA at 0404, and was mixed w/CHNC who also s/off then, so not dependent on true auroral cx. This should be more widely reported on EC. (Foxworth) Yep, they're now 50 kw, and asking for reports per last week's IDKD. Given their attitude towards reception reports and the fact that their CE ran a test for NRC around 1960, maybe some ambitious soul should write them a CPC letter-GH
- 611 MOROCCO Sebba-Aioum xlnt w/near East instrumental mx interspersed w/AA talk by woman 0116 10/27. (Connelly)
- 630 CUBA Santa Clara QMHQ good o/WPRO w/mx 0438 10/9. (Yocis)
- 638 SPAIN La Coruna fair w/cl mx, SS talk, then old time movie mx 0044 10/23. (Connelly)
- 640 GUADELUPE Arnouville to good peaks w/man in FF 2305 10/22. (Con)
- 647 USSR Vladivostok, weak sig w/what seemed to be CC talk 1326 10/20, bothered by KFI slop. (Tomer)
- 650 DOMINICAN REPUBLIC Santo Domingo HIAT R. Universal good, alone w/LA and USA rock 2223-2228 10/21; very lively format. XLnt, well atop w/USA rock, man in SS 2318-2325 10/28. (DeLorenzo) o/YVLH and WSM w/Universal ID, then "Disco Inferno" 0001 10/29. (Con'ly)
- 650 VENEZUELA Maracay YVLH rising up way o/HIAT and WSM-non stop SS w/mentions of Maracay 0003 10/29. (Connelly)
- 665 PORTUGAL Lisbon suspected here w/talk by 2 annrs 0120 10/27. (Connelly)
- 665 USSR Komsomolsk, strong carrier at 1335 10/20, some RR vocal mx noted. (Tomer)
- 670 CUBA San Pedro de Cacocum QMKP good o/WMAQ, WNBC slop w/SS talk, mx 0439 10/9. (Yocis)
- 675 COSTA RICA San Jose TIGR R. Sonora xlnt w/ID and TC between 2 lively SS vocals 0723 10/30. (DeLorenzo)
- 690 CUBA Havana QMBC fair u/CBF 0436 10/9. (Yocis)
- 700 AUSTRALIA 2NR Crafton, 10/12 1211 QM w/nx and election predictions during rare KBYR fade. (Vernon)
- 700 COLOMBIA Cali HJCK R. Sutatenza l&c with piano instruction in SS 2315-2325 10/19, no MLW. (DeLorenzo)
- 705 ST. VINCENT R. St. Vincent good w/light rock, man and woman in EE 2331-2335 10/19. (DeLorenzo)
- 710 VENEZUELA Caracas YNKY good w/MOR nulled: reverberated SS talk, R. Capital ID 2347 10/28. (Connelly)
- 719 PORTUGAL Oerte fair w/man in PP 2240 10/15. Good w/female PP rock vocal, then talk and romatic mx, atop other stn sending beep tones, 2307 10/22. Good on peaks w/nx by man in PP 2204 10/24. (Connelly)
- 720 VENEZUELA Porlamar YVOE dominant w/R. Vision ID 0050 10/23. (Con)
- 725 COSTA RICA San Jose TILR, R. Columbia 10/20 0335, numerous mentions of Costa Rica and "aqui en Columbia". (Krueger)
- 725 SURINAM Paramaribo ERS fair u/CHLM slop 0345 10/28. (Yocis)
- 726 SPAIN Oviedo/Malaga //737 w/modern cl mx 0123 10/27. (Connelly)
- 737 SPAIN Barcelona fair o/CBL slop; modern cl mx 0123 10/27. Fair w/man in SS 2308 10/22. Xlnt w/big band jazz 0052 10/23. (Con)

- 740 CUBA Camaguey CJL good o/CBL 0500 w/Voz de Cuba 10/9. (Yocis)
- 746 UPPER VOLTA (tentative) Ougadougou suspected here briefly showing carrier and weak audio looping Africa 2327 10/22. (Connelly) Ougadougou at good carrier level, native mx at low modulation percentage 2211 10/27. (Connelly)
- 750 NICARAGUA Managua YMK good o/WSB w/Louis 10/9. (Yocis) 10/16 0030, nice signal with WSB nulled. (Krueger)
- 755 PORTUGAL Lisbon vy good w/cl mx 2309 10/22. (Connelly)
- 760 COLOMBIA Barranquilla HJAJ loud w/bird chirps, boisterous ID, fanfare, festive mx sliding in o/WJR 2338 10/28. (Connelly) Xlnt o/WABC slop w/clear ID "La Voz de Barranquilla" 0431 10/9. (Yocis)
- 760 MEXICO Mexico DF KEABC 10/10 2347 heard "la ora de Mexico". I don't know if this is a new slogan or not. (Krueger) Bet you hrd "La Hora de Mexico", the national program carried (supposedly) by all Mexican stations. This is supposed to be on Sunday nights, so maybe this is a change or promo for it-CH
- 760 NEW ZEALAND IYA Auckland 10/12; 1214 O. w/wx, next mx at 7 o'clock mentioned 7/780, noted during a rare KGU fade. (Vernon)
- 765 SENEGAL Dakar xlnt w/male AA chanting during otherwise mediocre cx 2336 10/19. Loud w/AA talk by woman 2257 10/22. Loud w/FF talk, native mx, TC in FF 2200-2201 10/24. Cx not really "prime" as stns to the west started fading in as soon as TA's showed. Normally the TA's here have an hour at sunset of low level interference. Xlnt w/a-capella AA chanting at 2143 and FF talk at 2212 10/27. Loud w/disco mx 2226 10/28. Blasting in on TRF w/rhythmic LA style mx-loudest TA 0022 10/29. (Connelly) Very strong and exceptionally clear w/man in FF 0706 10/30. (DeLorenzo)
- 770 JAPAN Akita JOUB raising heck w/KKA 1422 10/28. Had JJ talk. (Tomer)
- 773 SPAIN Caceres et al heavily jamming WABC 0010 10/27. (Connelly)
- 780 BRITISH VIRGIN ISLANDS Roadtown ZBV1 loud, rolling o/Cuba and WBBM w/ZBV1 ID, then reggae mx 2340 10/28. (Connelly)
- 782 PORTUGAL Miramar very good w/pop-rock, then man in PP 2325 10/22. To good peaks w/operatic production: mediaeval trumpets and PP folk vocals 0130 10/27. (Connelly)
- 784 NORTH KOREA in with good signal 1420 10/28, had choir and KK talk. (Tomer)
- 790 COLOMBIA Medellin HJDC R. Junin fair in jumble w/man listing CARACOL affiliates 0557 10/23. (DeLorenzo)
- 800 NETHERLANDS ANTILLES Bonaire PJB booming in 10/9, no other stns on channel. Has become a bit of a pest of late. (Yocis)
- 810 COLOMBIA Bogota HJCY R. Sutatenza loud u/WCY 0346 10/9. (Yocis)
- 810 PUERTO RICO San Juan WKWM heard s/off at 0505 on 10/11 w/Puerto Rican anthem and then SSB. (Cooper)
- 818 ANDORRA La Vieja in w/pop mx, then man in FF o/bad low het 2358 10/15. Fair w/FF talk 2154 10/24. (Connelly)
- 818 MOROCCO Rabat very good w/female AA chant o/TV QRM 0059 10/23. (Connelly)
- 820 VENEZUELA Upata YVSH good w/slow SS mx, then s/off 0357 10/9. (Yocis)
- 820 DOMINICAN REPUBLIC Santiago HIAZ fair w/SS talk u/YVSH 0358 w/s/off. (Yocis)
- 827 MOROCCO Oujda xlnt w/female AA chant //818 0059 10/23. (Connelly)
- 830 HONDURAS Tegucigalpa HRSP 10/16 0045, nice sig with WBAF splatter nulled and a clear "Radio Moderna" ID. (Krueger)
- 830 JAPAN Osaka JOBB good o/KIKI w/JJ talk 1411 10/28. (Tomer)
- 830 VENEZUELA YVLT San Antonio de los Altos good w/SS talk, mx 0354 10/9 o/unid LA. (Yocis)
- 835 CHINA Nanchang weak w/CG singing 1315 10/20; weak 1435 10/28. (Tomer)
- 840 CUBA Santa Clara QNHW good w/SS talk u/WHAS 0355 10/9. (Yocis)
- 840 JAPAN Niigata JOQK, xlnt sig 1408 10/28 w/JJ anncnt mentioning NHK, then had "beautiful mx" until 1430. Signal was consistently good the entire time. (Tomer)
- 840 USSR Spassk Dalny fair u/KIKI slop w/YL talking in RR 1404 10/8; cl mx at 1408 recheck. (Tomer) KIKI slop?? Are you kidding?? I suppose Spassk Dalny was slopping KOA?? CH
- 860 BRAZIL R. Mundial, Rio de Janeiro xlnt w/PP rock, ID by man, jingle, TC 0620-0630 10/23. (DeLorenzo) Is good most mornings around 0600-0700 with American style rock and disco mx. (Cooper)
- 860 DOMINICAN REPUBLIC Santo Domingo HILR very good w/SS mxx, R. Clarin ID 0354 10/9. (Yocis) Is no longer being heard s/off at 0305 on 10/10. (Cooper)

- 860 MEXICO Mexico City XEUN heard with 15 minute newscast in SS 0500-0515, then classical mx or liturgical mx. They seem to be in till at least 0700 and were noted AM's of 10/10 and 10/11 as well as SM 10/15, but not on Mondays apparently. (Cooper)
- 860 MEXICO Tijuana XEHO "Bible thumping" most of the wee hours of MM 10/23, plus a plug for vacationing in Mexico at 0703. This is quite an international frequency. (Cooper)
- 872 SPAIN Zaragoza loud w/SS talk, then disco mx; heavy 2.7 Hz SAH present 0103 10/23. (Connelly)
- 890 COLOMBIA Bogota HJCE 0457 10/30 heard briefly u/WLS w/"LV de Bogota" and chimes, then gone. (Tomer) Good in WLS null w/lively SS mx, ads 0848 10/23. (DeLorenzo) 10/8 0350 heard mentions of Colombia and a "La Voz de Bogota" slogan. (Krueger)
- 890 DOMINICAN REPUBLIC Santo Domingo HIPJ good w/Santo Domingo ads 2317 10/22. (Connelly)
- 920 COLOMBIA Cartagena HJAE crushing WJAR w/mx 0355 10/9. (Yocis)
- 936 MOROCCO Agadir poor in slop w/AA mx 2254 10/23. (Connelly)
- 939 UNID het-perhaps TETL noted before, 0110 10/23. (Connelly)
- 989 SPAIN (tentative) vocal mx, bad het 0017 10/23. (Connelly)
- 995 ECUADOR HCEW2 R. Suceso, Guayaquil is still running AN and is in most mornings, even without AU cx. (Cooper)
- 1000 COLOMBIA Cartagena HJAJ good o/jumble; SS rx report, RGN ID, ads 0015 10/23. (Connelly)
- 1005 COLOMBIA Neiva HJJR heard briefly at 0425 10/23 w/SS mx and mention of Colombia; weak signal. (Tomer)
- 1020 NICARAGUA Managua YNVOZ assumed here w/mwntion of Nicaragua, SS mx briefly rising u/KDKA, WINS slop 0402 10/9. I have them listed as 3 kw, power increase? (Yocis) Not that I know of. Since you didn't mention an ID, could the mention of Nicaragua be a reference to Nicaragua by some other stn?-CH
- 1034 PORTUGAL Porto Alto fair w/lively PP folk mx (guitar and accordion), man in PP 0645-0653 10/30. (DeLorenzo)
- 1043 MOROCCO Sebba-Aioum good to xlnt w/FF talk, then soul mx 0003 10/23. Fair to good w/FF talk by man and woman 2138 10/27. (Con)
- 1061 PORTUGAL Norte xlnt w/cl mx, badly jamming KYW 0001 10/23. (Con)
- 1070 COLOMBIA Barranquilla HJAG Emisora Atlantico good w/lively SS mx, ID 0721 10/23. (DeLorenzo)
- 1070 VENEZUELA Maracaibo YVHA o/WIBC 0407 10/9. (Yocis) R. Zulia l&c w/jingle between 2 lively SS vocals 0544 10/30. (DeLorenzo)
- 1080 ALASKA KANC Anchorage now c&w format and "Sunshine Country", was "The Rock of Alaska". (Vernon)
- 1080 VENEZUELA Barcelona YVQT giving semilocal WTIC a good fight 0408 10/9. (Yocis)
- 1100 ANTICUA St. John's ZDK atop SS LA; ZDK jingle then Caribbean EE talk and mx 2359 10/22. (Connelly)
- 1110 VENEZUELA R. Mia, Valencia good 11/5 about 0445 after WBT's s/off. Dominant o/a mess of other LA's. (Hutton)
- 1140 COLOMBIA HJKO La Voz de la Victoria noted s/off on SM 10/22 at 0502 w/Colombian NA with WRVA off. (Cooper)
- 1160 COLOMBIA Soledad HJBC superloud, no KSL 0410 10/9. Has a habit of popping up during AU. (Yocis)
- 1165 ANTICUA St. John's good w/EE discussion pgm 0027 10/23. (Connelly)
- 1170 COLOMBIA Valledupar HJPB Ondas de Macondo topping this channel on SM 10/8, ANING and ID caught at 0748 $\frac{1}{2}$ , just one half minute before WWVA returned to the air! Get thee behind thee, Murphy! (Cooper)
- 1190 COLOMBIA Barranquilla HJCT, La Voz de la Costa noted atop this frequency on MM 10/16 0525 to s/off with Colombian NA at 0532, with WOWO off. We'll have to wait for a strong aurora or for DST next April now to have another chance for a better log, for with the return of EST, WOWO'll still be on at that hour. (Cooper)
- 1196 MOROCCO Agadir fair, man in AA 2307 10/23. (Connelly) Fair w/female chanting accompanied by violins and other strings 0632-0638 10/30. (DeLorenzo)
- 1196 UNID TA-weird mx noted here 10/23 2230-2300+, either Arabic or Hindustani mx, no hint of an ID heard. They hit quite strong peaks, slow undistorted fade. (Cooper) Quite naturally it ought to be the above-CH
- 1210 CHINA?? weak CG sounding talk and orchestra mx noted around 1445 10/28. Bothered by lots of low hets and noise. A little late in the morning for serious TP DX'ing! (Tomer)
- 1200 VENEZUELA Caracas YVLT good, no WOAI 0430 10/9. (Yocis)
- 1201.8 UNID LA-muddy sounding LA mx in slop 0028 10/23. (Connelly) It's R. Progres drifting around-CH

- 1205 CAYMAN ISLANDS R. Cayman, Georgetown 10/21 0014 heard a het, Nat King Cole singing "Unforgettable", and an OM with a Caribbean EE accent. (Krueger)
- 1214 GREAT BRITAIN Washford et al to fair peaks w/pop mx, EE talk. QRM de WCAU 2345 10/22. (Connelly)
- 1220 MEXICO Mexico City XEB good o/WCAR 0434 10/9. (Yocis)
- 1250 CHINA or USSR?? CC mx fair o/domestic and low hets noted at 1358 10/8. I tend to think this is China, but it never fails to fade completely at ID time! Heard fairly regularly during good TP ex. (Tomer)
- 1265 ST. KITTS Basseterre R. Paradise heard 0335-0340 10/23 w/ospel mx and EE anncr, fair sig at peaks. (Tomer) 10/16 at 0515. Signal super clear and loud. In like local on clock radio. S/off at 0518. (Rychalsky) 10/22 0330 heard "you are listening to R. Paradise on St. Kitts". Some of the songs played were "You'll Never Walk Alone", "I Know That I Still Have Jesus", and "Jesus, Jesus, Jesus, I've Got Jesus on my Mind". Slight fade at 0350 and complete ID at 0400. (Krueger)
- 1310 CUBA (don't you people get tired of my Cuban reports??), unid location, heard R. Revolucion chimes 0600 10/23 followed by a transmits OM.. in the mud. I think Schatz better get to work on a new Cuban list.... (Hutton)
- 1349 FRANCE Nancy, France-Inter 10/15 OM in FF noted 0452/(Vernon)
- 1360 ALASKA AFRN Fort Greeley 10/12 0505 local show "Night Shift" w/mostly rr music from Fort @reeley. (Vernon)
- 1394 ALBANIA Lushnja potent w/woman in SS 2341 10/22. (Connelly)
- 1410 MEXICO Mexico DF 10/10 0020, several very clear "R. Sinfonola" slogans heard. (Krueger)
- 1466 MONACO Monte Carlo poor-fair in slop w/apparent GC talk by man 2340 10/22. (Connelly)
- 1480 NEW ZEALAND Radio Haurak 10/8 1150-1218, rr mx, anncr signed off at 1157, 6 pips at 1200, SID at 1201 "Radio Haurak, in Auckland City", anncr signed on at 1203 and announced a Beatles Day on R. Haurak featuring many Beatles records all day long. (Vernon)
- 1550 COLOMBIA with WPTR 1540 off, two or three weakish Sses were noted fading up and down and around one another. At 0600 one came to the fore and ID'ed as what sounded like HJRC, but its listed as HJLT, and the slogan was Radio Farallones-still another Cali stn running AN-there must be at least 10 such in a city of about 100,000 per a 1940 atlas. (Cooper) Buy yourself a new atlas and replace that dinosaur. Cali is listed as 820,000 in my 1976 atlas-CH
- 1550 TURKS ISLANDS tentative reception only at 2350 10/30 after CBE Taken out by sudden and brief geomagnetic disturbance lasting only 2 hours, sent "VVV" in Morse code as part of a news broadcast; man up in Caribbean accented audio with ad for "Frosty" root beer; at 0011 10/31 man up again in Caribbean accented EE playing disco mx but lost at 0020 to CBE who took over for keeps. Noted Cayman 1555 f/in at 2350, and some daytimer was testing with TT, apparently into a dummy load that radiated a bit, to add to the confusion. Whatever it was, freq was within 50 Hz of center channel. This geomagnetic disturbance was unusual in that the usual indicators of Caribbean openings-1100, 1165, 1265 etc. were of only poor to average level. In "classic" auroras, they pin the meter. Wonder why. (Foxworth) Try sending a tentative to William (Bill) Grant, CE. He signed the veries for the NASWA SW test and replied to Merikman's report-CH
- 1586 WEST GERMANY Langenberg fair to good w/light orchestral mx 0543 10/29. (Connelly)

Mark Connelly	Arlington, Mass.	TRF, R390A, SM2
Ernie Cooper	Provincetown, Mass.	HQ180A, loop
Marc Delorenzo	Centerville, Mass.	HQ100, SM1
Bob Foxworth	New York, New York	HQ150, LW
Chuck Hutton	Decatur, Ga.	R390A, 1900' Beverage
Joe Krueger	Corpus Christi, Texas	NC183, TRF, R. West loop
Konstantine Rychalsky	Bridgeport, Conn.	juniper cables, electric boots
Randy Tomer	McKinleyville, Ca.	HQ180A, 30' mini LW
Brian Vernon	Elsa, Yukon Terr.	DX150A, 160, FRC7000, Bevs
David Yocis	Fairfield, Conn.	DX160, LW

## CANADIAN FAMILY LIFE...IT'S TWINS

JOHN OLDFIELD

Unlike the FCC, Canada's CRTC seems to think that a station can't survive financially in a small-town market. Thus many "big-city" stations (mothers) are licensed to give birth to twins, creating radio families. The CRTC expects these twins to provide about four hours of daily live programs from their own studios. The rest of the time the twin is merely a relay of its mother. Some twins have no studios, but as the town or area grows (more advertising dollars) a studio is added. Even in Canada money is king (or is it queen?).

Some twins provide more than a few hours of live programs, again joining mother later in the evening. Some mothers would like that, hi. Some twin networks like CJCI join other families (CFBV & kids) to provide a 24 hour inexpensive network of 9 stations. Five of these stations are unmanned 50 watt Low-Power Relay Transmitters (LPRT), but some have easily been heard over 500 miles. CJYR in Alberta now has 3 of these "iceboxes", a name given to their LPRT cousin a la CBC. Many DXers have mistakenly ignored these as potential DX due to their low power.

Most twins serve only a small area so expect to find them on the "graveyard" or local servie channels: 1230, 1240, 1340, 1400, 1450 and 1490, although some are on better DX channels: 590, 1220, 1250, 1280, 1370 and 1570. Rarely does a DXer hear a twin on its own as most local fun is aired during the daylight hours. Local football games, election results, or a speech from Mayor Glotz are the exceptions. It's an extra DX challenge trying to hear a twin on its own. Little CJNH 1240 is alone while mother, CJBQ 800, carries the Canadian Football League games. CFWB 1490 is a good bet in season on the west coast. CKTA 1570 is fair game on its morning show, again in season, from the northwest area. These notes are made mostly for the newer members who wonder why they hear a "CHECK 10-90" ID on 1570 (CKTA), or a "C-jock 12-20" ID on 1490 (CJPR). Don't be confused by IDs.

As the DXer will hear only the mother's ID, let's just consider that all these twins are merely relayers. Canada's CRTC isn't too strict about IDing twins or even using the full call IDs. Many twins/mothers use mostly their slogans. Watch for: "East Kootenay Radio", "R Country", "Cariboo Radio", "Central Interior Radio", "Reseau des Laurentides", or even "Stereo 97". CHMM FM in Winnipeg feeds its AN show to stations in Ontario.

Heard a "Stereo 97" ID on 900 or 1220? Don't bother phoning CKDR or CJRL. Twins are usually unmanned nights as the CRTC doesn't require any ticket man on duty. The CKGO staff is in bed too, but their feed from mother, CHWK, is pre-timed. One case where you won't hear an ID of a mother on a twin's frequency.

Twin hunters might try the Dr. Mollar method (DXing Mexican parallels) when hunting for twins. With an extra set tuned to the mother, it may be easier to hear of ID the twin on your regular set. A tape of the twin plus other stations IDing the twin's frequency would prove to the Chief Engineer at the mother station that it was the "relayer", not the "relayee" that you logged. Some Chief Engineers don't believe their 50 or 250 watt graveyard twin can be heard while it's easy to copy the same programs from the usual 10,000 watt mother. They don't know that DXers don't cheat. Sending a tape is expensive, but a note saying that a tape is available would be nice. Your reports should go to the Chief Engineer at the mother station. A twin's staff is usually small and busy.

To those who asked why a twin can't survive alone in an area of 10,000 plus, or are not some just wasting space by duplicating service, I'll just say those are good questions.

The list of twins/mothers follows. It is corrected as of November 1, 1978. Any help/changes/additions are always welcome. Send them to John Oldfield, 7135 129A Street, Surrey, British Columbia V3W 6T4.

### AB: Alberta

\* = mother, s = studio

\*CHEC-1090 & CKTA-1570s Lethbridge/Taber "Check Radio"  
 \*CJOC-1220 & CJPR-1490s Lethbridge/Blairmore "C-joc/Pass Radio"  
 \*CJDV-910 & CKBR-1340s & CHOA-1400s Drumheller/Brooks/Stettler  
 \*CJYR-970 & CKYR-1450 & CKYR-1 1230 & CFYR-1400 & CIYR-1230  
 Edson/Jasper/Grande Cache/Whitecourt/Hinton "YR Radio" Note two on 1230. Last three are unmanned 50w LPRTs.  
 CFCC-1060 Calgary has a shortwave relay on 6.03 mHz. CFVP call not used.

BC: British Columbia

\* = mother, s = studio

- \*CFCP-1440 & CFWB-1490s & CFPH-1240s "Coast Radio" located in Courtenay/Campbell River/Port Hardy. CFPH is an application.  
 \*CHUB-1570 & CHPQ-1370s Nanaimo/Parksville-Qualicum Beach  
 \*CHWK-1270 & CKGO-1240s Chilliwack/Hope "Fraser Valley Radio"  
 CFVR-850 Abbotsford at times twins CHWK.  
 \*CKEK-570 & CFEK-1240s Cranbrook/Fernie "East Kootenay Radio"  
 \*CKKC-1390 & CPKC-1340s Nelson/Creston "KC" or "Kootenay Country"  
 \*CKXR-580 & CKCR-1340s & CKGR-1400 "Radio Country", "XR-CR-GR"  
 Salmon Arm/Revelstoke/Golden  
 \*CKOK-800 & CKOO-1240s & CKSP-1450s & CKGF-1340s Penticton/Osoyoos/Summerland/Grand Forks "Okanagan-Boundary Radio". CKGF may go independent.  
 \*CHNL-610 & CHNL-1 1400 & CJNL-1230s & CINL-1400s "NL Radio" Kamloops/Clearwater/Merritt/Princeton. Note two on 1400.  
 \*CKOQ-920 & CKWL-570s & CKBX-1240s "Cariboo Radio" Quesnel/Williams Lake/100 Mile House  
 \*CKPG-550 & CKMK-1240s Prince George/Mackenzie  
 \*CPTK-590 & CKTK-1230s Terrace/Kitimat "TK Radio"  
 \*CKNL-560 & CFNL-590s Fort St. John/Fort Nelson "NL Alaska Highway"  
 \*CJCI-620 & CIVH-1340s & CIFJ-1480 & CIFL-1450 Last two are 50w LPRTs  
 Prince George/Vanderhoof/ Forth St. James/Fraser Lake  
 \*CFBV-1230 & CFLD-1400s & CHEV-1450 & CKBV-1490 & CHLD-1480.  
 Smithers/Burns Lake/Houston/Hazelton/Granisle. Last three 50w LPRTs.  
 CJCI and CFBV join networks from 10:30 p.m. - 6:00 a.m. PLT to form the "Central or Trans-Interior" network.  
 \*C--- 940 & C--- 1600s Richmond/Delta are current applications.  
 CBU-690 Vancouver has a shortwave relay, CKZU 6.16 mHz  
 CKWX-1130 Vancouver has a shortwave relay, CKFX 6.08 mHz.  
 CKFX and CKZU calls are not used. CKZU is mentioned at sign on & sign off.

SK: Saskatchewan

- \*CJNB-1050 & CJNS-1240s North Battleford/Meadow Lake "Plus Two Radio"  
 \*CPSL-1190 & CJSL-1280s Weyburn/Estevan "Soo Line"  
 \*CKSW-570 and CJNS-1490s Swift Current/Shanavon "Southwest Sask. Radio"

MB: Manitoba

- \*CFAR-590 & CJAR-1240s Flin Flon/The Pas "Arctic Radio"  
 \*CFAM-950 & CHSM-1250s & CJRB-1220s "Radio Southern Manitoba"  
 Altona/Steinbach/Boissevain  
 CHMM-FM 97 Winnipeg feeds its all night show to five northwest Ontario stations.

ON: Ontario

- CHMM-FM Winnipeg fees its all night show to: CJRL-1220 Kenora, CFOB-800 & twin 1240, & CKDR-900 & twin 1340.  
 \*CFOB-800 & C--- 1240 Fort Frances/Atikokan (a 50w LPRT)  
 \*CKDR-900 & C--- 1340 Dryden/Ignace (a 50w LPRT)  
 \*CFIX-1170 & CHBR-1110 Cornwall/ Pt. Hawkesbury. French; daytimers.  
 \*CFOS-560 & CFPS-1490s Owen Sound/Prt Elgin  
 \*CJKL-560 & CJTT-1230s Kirkland Lake/New Liskeard  
 \*CKBB-950 & CKCB-1400s Barrie/Collingwood  
 \*CFBK-630 & CFBQ-1340s Huntsville/Parry Sound  
 \*CJBQ-800 & CJNH-1240s & C--- 1270s Belleville/Bancroft/Trenton  
 \*CFCL-620 & CFLH-1340s & CFLK-1230s Timmins/Hearst/Kapuskasung French;  
 CFCL wants 850 kHz.  
 \*CKAP-580 & C--- 1240 Kapuskasing/Timmins. Application only.  
 \*CJNR-730 & CKNR-1340s & CKNS-930s Blind River/Elliott Lake/Espanola  
 \*CFYN-1050 & CJWA-1240s Sault Ste. Marie/Wawa. May not be twinned now.  
 CFRB-1010 Toronto has a shortwave relay, CFRX 6.07 mHz. CFRX call not used.

NB: New Brunswick

- \*CKCW-1220 & CJCW-590 Moncton/Sussex. CJCW live 6 a.m. - 1 p.m. local time.  
 \*CJEM-570 & CKMW-1490s Edmunston/Grand Falls. French; bilingual.

NS: Nova Scotia

- \*CKAD-1350s & CKDY-1420s & CKEN-1490s & CFAB-1450s  
 Middleton/Digby/Kentville/Windsor  
 CHNS-960 Halifax has a shortwave relay, CHNX 6.13 mHz  
 CJCB-1270 Sydney has a shortwave relay, CJCX 6.01 mHz

PQ: Quebec

All are French except CFCF-600 and CFCX 6.005 mHz.

- \*CHNC-610 & C--- 1150s New Carlisle/Gaspe. Application only.  
 \*CKRB-1460 & CIRB-1240s St. Georges-de-Beauce/Lac Etchemin  
 \*CKVM-710 & CKVT-1340s Ville-Marie/Temisaming  
 \*CJBR-900 & CJBM-1450s Rimouski/Causapscal. Now CBC owned and may soon become just relayers of CBGA.  
 \*CJFP-1400 & CJAF-1240s & CHRT-1450s Riviere-du-Loop/Cabano/St.-Elethere  
 \*CHGB-1310 & CHAL-1350s & CFVD-1370s La-Pocatiere/St.-Pamphille/Ville-Degelis  
 \*CKCN-560 & CIPC-710s Sept-Iles/Port Cartier  
 \*CHVD-1230 & CJMD-1240s & CFED-1340s Dolbeau/Chibougamau/Chapais  
 \*CKRN-1400 & CKLS-1240s & CHAD-1340s & CKVD-900s Rouyn/La Sarre/Amos/Val-d'-Or  
 \*CKML-610 & CKMG-1340s & CKSJ-1400s & CKLR-1490s  
 Mont Laurier/Maniwaki/St.-Jovite/L'Association "Reseau des Laurentides"  
 CKMG gets CBC (SRC) via CBOF; others via CBF.  
 \*CHLC-580 & CFRP-620 Hauterive/Forrestville  
 \*CHRM-1290 & C--- 1220s Matane/Amqui. Application to twin 50%.  
 \*CKLD-1330 & CFDA-1380s & CKTL-1420s & CJAN-1340s & CJLP-1230s & CKFL-1400s  
 Thetford Mines/Victoriaville/Plessisville/Asbestos/Disraieil/  
 Lac-Megantic "Reseau de Apalaches"

NF: Newfoundland and Labrador

- \*CJYQ-930 & CFYQ-1350s & CIYQ-680s & CKYQ-610s & CHYQ-670s  
 St. John's/Gander/Grand Falls/Grand Bank/Musgravetown "Q Systems";  
 also has a deferred construction permit for 560 St. Anthony  
 \*VOCM-590 & CKGA-730s & CHCM-560s & CKCM-620s & CKVO-710s & CKIM-1240s  
 St. John's/Gander/Marystown/Grand Falls/Clarenceville/Baie Verte  
 Colonial Broadcasting  
 \*CFCB-570 & CFGN-1230s & CFNW-790s Corner Brook/Point aux Basques/Point  
 aux Choix Humber Broadcasting  
 \*CPLW-1230 & CFLN-1340s Wabush/Happy Valley-Goose Bay. Humber owned.  
 Also, not a twin, but CKZN 6.16 mHz relays CBN-640 St. John's

Corrections/additions always needed. Thanks to those who sent tips to NRC/  
 IRCA columns, and to Denis Beaugard who helped with Quebec.

R. CLARIN  
 HIZ  
 RADIOLANDIA

## XMAS DX CONVENTION IN FABULOUS SANTO DOMINGO!

HISD  
 R. MIL  
 R. COMMERCIAL

THIS IS NO JOKE! Several National Radio Club members are coming down anyway for the Christmas Holidays, so we decided to organise something. There will be talk (in English and Spanish), lectures, station tours, a field trip, a "banquet", sun and fun in a friendly country. César Objío and Ron Schatz will be your tour hosts. Ron will handle airline/hotel arrangements from Miami. If seriously interested (and only if seriously interested), contact Ron Schatz by mail (5651 S.W. 2nd Court (106), Margate, Florida 33068) or phone 1-305-971-3605 IMMEDIATELY, since hotel reservations must be made early, so, amigos, don't cop out; come on down!

--An unpaid, unpolitical, announcement

# 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. 02657

## \*STARTS THE NEW SEASON WITH SUNRISE/SUNSET DXING\*

WALTER BREVILLE - 9127 Coral Drive - ST. LOUIS, Missouri - 63123

Greetings, & I hope everyone is having a Happy New Season. I had a nice Summer highlighted by some good sessions at the FM dials plus attending a WFDCA convention for the first time, which was in Louisville at the same Holiday Inn the '76 NRC Shindig was. It was almost like a replay of that Convention, with a bunch of NRCers attending. I also flew down to Atlanta & had a real fine time, & really appreciate the hosts' planning & work making it possible! I was a co-host almost ten years ago & after a little period of reluctance, now I am looking forward to it again, as a unique close-to-home vacation adventure. Now that we're far into Autumn, it's good to be back DXing the good old fashioned AM band again. Latest loggings, all at sunrise & sunset, are: 10/24, an elusive one from Salt Lake City on 1550 gave its ID @ 7:30pm: "Kar-go, KRGO." 10/25- KFAR-1570 Wainboro, La. in well @ 6:31pm s/off. 10/26- KMUS-1380 Muskogee, Okla. in well @ 5am s/on. 10/30- KLOE-730, Goodland, Kan. peaking well @ 7pm. 10/31- KUCM-770 Minneapolis came in with ID @ s/off @ 6:30pm just a few seconds after local WSW pulled their plug. Most of us have late November, best time of the year for SSS DX to look forward to. In recent years I have found sunset DXing during Oct. 20-31 & Nov. 20-30 to be far more productive for logging new stations per hour of DXing done than the wee hours on MM with the AN situation the way it is. Here is a list of a few cities' average sunset time for the month of November from my copy of an FCC list (Rule #181), these are local times that daytime stations must s/off or switch to directional antennas: Duluth, 4:30; ST. LOUIS, 4:45pm; Sareveport, La. 5:15pm; Bismarck, N.D. 5:15pm; Omaha 5:00, Oklahoma City 5:30; San Antonio 5:45pm, all these are CST, including El Paso @ 6. MST zone cities: Denver & Cheyenne 4:45, Albuquerque 5:00, Tucson, 5:30; Phoenix 5:30; Twin Falls Ida. 5:15. PST cities: Spokane 4:15, Seattle 4:30, Sacramento 5:00, Oakland 5:00, San Diego 4:45pm. Good SSS & other DX chasing, & 73s.

## NULLS & LOBES

JERRY ROBERTSON - 6065 Gardner Line - Crosswell, Michigan - 48422

I had a nice time in Atlanta and got some information for the NRC Log on the trip so I reported it to AM Switch and JOHN CALLARMAN. Thanks to John for a log well done. How anyone can't find info for the log is beyond me. I can't even DX for 30 minutes without hearing something for the log. RAY ARRUDA guessed that WLO-640 had a null for KFI but it doesn't. It has a null for CFCC-630 only (according to their QX) & is kidney-shaped with good coverage of most of Ohio. Some other kidney-shaped patterns are: WSAU-550 w/null South; WGOX-900 & KHHM-1470 both w/nulls West; WFRV-1580, WREM-1440 & KRLL-1060 w/nulls East; KLMS-1480, WTIM-1410 & WMO-1300 w/nulls NE; WJHL-1480 w/null NW; WJEM-1480, WJFF-1570, WSA-1590 & WAMM-1420 w/nulls SW; WGER-1390 w/null WSW & WOOQ-1320 w/null North. Other patterns are: WVIC-1560 & WERK-990 both w/main lobes North; WJIN-1010 w/null South; KQYX-1560 w/main lobe North; one West, & one SE; WJLL-1550 w/main lobe NW; WKXN-1010 & WREY-1290 both w/main lobe SW; WITS-1370 & WPAQ-1050 both have nulls NE; WATY-1110 w/main lobe South; WJON-930 with null for WBAA-920; WJIM-730 w/main lobe SSW; WIND-560 w/main lobe NNE; WQNX-1210 w/main lobe North & a null for WCAU; & WVIC-730 w/main lobe NE. These are only a few of the many patterns I have, but I don't have them all so any help with day patterns would be appreciated.

## SUNSET DX WAS GOOD IN OCTOBER

NEIL G. ZANK - 623 Lyncrest Drive - Lincoln, Nebraska - 68510

10/30/78

I believe it is time to make another Muse, maybe? First of all, is there any truth to the rumor that JERRY STARR is transferring to WKRP in Cincinnati? DX has not been too numerous for me since last Musing, but here is what there has been. SM 10/15 WAVL-910, Apollo, Pa. heard w/TT & one ID 1:35-1:55am. MM 10/23 brought two newbies for me in WLAQ-1410 Rome, Ga. on RS w/c/w mx, etc., & also WRMN-1410, Elgin, Ill. logged w/TT & one ID, 2:45-3:10am. 10/26 - First new SSS for me this season was WJLL-1550 Jacksonville, Ill. w/c/w mx 6:21-6:30pm s/off. I wish I would have had more chances to DX SSS this month, as it appears to be a good month for such DXing. In the verie department only one new one received here since last mention, that being KCLU-1590 Rolla, Mo. (Verie mentions confirmation of monthly f/c - second Friday, 1:01-1:15am ELT). I have forwarded a list or two on some of my tough verifiers to RON SCHILLER's Verification Game. Kind of depressing to go through the log and remind myself of the ones which haven't varied, hi. My next DX Shack project is a planned rebuilding of the corner braces on my loop so that it is square once more. I also will fix up a new better floor stand to hold the loop. I have known for a long time what I want to do with it, but the ambition has been lacking. I am looking forward to getting the new Domestic Log here. Remember, meet Louie in ST. LOUIE in '79.

WE WANT TO ASK A COUPLE OF YOU WHO SEND IN YOUR MUSINGS ON LINED PAPER PLEASE TO DOUBLE SPACE YOUR COPY. SKIP A LINE BETWEEN THE LINES AND HELP THESE POOR OLD EYES OF YE EDITOR, C.K.!

## CRYSTAL SET BRINGS 'EM IN CRYSTAL CLEAR

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, Maryland - 21014

10/28/78

Here's some of what's being heard around this location on the crystal set. October started off rather slowly with extreme AU CX. 10/8: UN KLRA-1010 in nicely @ 6:53 am w/pop & c/w. 10/9- WTHB-1550 Ga. in briefly with mentions of Augusta & Black format before lost @ 8:03pm (s/off) 10/11: UN WNET-1320 s/off w/"Ussery Homes now brings you the next 11 hours of silence." (Take note, Ernie). 10/12- WTTX-1280 s/on @ 6:17am w/mention of their FM outlet. 10/13- WMBG-1360s/off @ 6:45pm w/mention of "Voice of Dixie". (This completes my set of Harrisonburg, Va. stations); WNBC-1480 in very strong for first time. "Week-ends are WNBC days"; WLOU-1350 in @ 7:18pm w/mentions of local towns & counties. 10/19, AU CX again with lots of Cubans in & not much else, and 10/20, WKBN-570 re-appeared for the first time in two years w/CBS NX, IDs, & outstanding volume. 10/21 was the beginning of one of the most fantastic DX periods I can remember: WPMC-730 w/c/w & s/off @ 6:45pm; WJAL-1560 w/scores & ID spots @ 6:47pm. 10/22- Strong het on 1460-1470 @ 9:30pm - I'd like to think it was Monte Carlo. 10/24- WJLM-550 w/local spots & quite loud @ 6:19pm. 10/25- WNRV-990 and WPHG-980 L&C @ SSS; both reported. 10/26- WOLD-1330 s/on @ 6am w/mention of FM-102.3, & @ SSS were WJLS-560 & WJNC-620. And finally, 10/28 @ 7:12am in came WDW-590 Omaha, Neb. w/rr & concert announcement for logging #336 and state #32 on the crystal set from this location. More later.

## PROBLEMS FORCED HIM TO MISS ATLANTA; HE SHOOTS FOR ST. LOUIS

THOMAS H. BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D.C. - 20020

10/31/78

We finally caught our first CPC of the season, so here comes our first Muse of the season. I caught a few portions of the WSKI-1240 Montpelier, Vt. TEST on 10/30. I didn't pick up too much, but had definite reception at 12:14am, 12:51, 12:54, 1:07 & 1:10am s/off, a most welcome TEST as this is only the fifth Vermont station on our logs. Dumb-type question - during the sked 10/23 TEST by KIUP-930 - who had the wild tone sweeps from 2 a.m. through 4:10 when we finally gave up? Sounded like a squeaky windshield wiper - or my stomach trying to give me a message. (It was KIUP, Thomas! - ERO) Sure sorry we missed the Atlanta Convention, we gonna catch up with you yet. Combination of small family problems in Minnesota & ill health made it impossible, so it's see you in ST. LOUIS. Nothing else really to report receptionwise, as I've had a very HML here of late, but it seems to be clearing up. I think we might have a noisy street light up the street. We do have a wild piece of tape that we are checking out, soon as we get a cassette recorder going again we will try and make up a tape and let one of the NRC experts check it out. I noted WGO on air past normal closing time 10/29. They were doing rebroadcast of Iowa-Purdue FB game - Iowa still ost. They finally signed off @ 1:37am. 1:41 brought us what sure sounds like American Forces Radio in Washington, or some such, but we are still checking. We had a Colombian station the rest of the evening but we were unable to ID. No mention of Bogota heard, but we check further and ask for help. This tape is almost as wild as a cassette I have from Bonaire a couple years ago saluting one of KOC's very own. I never mentioned it as I am sure this person is quite modest. Besides, he just moved to the States, and is still running around saying "Aloha". More later. C U L.

## MORE GREAT TWILIGHT DX

EDWARD R. COTTON - 4106 Second Street - Chesapeake, Virginia - 23324

11/1/78

Lots of DX in October, so here goes. 10/1- WSWG-1540, Miss. 7:32pm s/off, 8:30pm, 4VEH two nights local-like, & 11pm Trans-World Radio strong. 10/2- WJLN Fla. s/off on top of 1540 @ 7pm. 10/3- WRRS-1590 Ga. good w/s/off, & WNWZ-1430 Fla. 7:12. 10/6- WJES-1190 S.C. ex-1570 fair. 10/7- WJSL-1590 K.C. weak s/off & WJLN-1170 N.C. VID, & ABC NX. 10/8- WJGA-1540 Ga. s/off 7:30pm. On 1570 no usual CFOR, only CHLM & WJLO, both in good. 10/9- WGAZ-990 Ill. 1:25am r/c as per list, weak. 8:45pm, WRXO-1430 N.C., WHGI-1050 7pm ex-WAUG, & WJRL-1570 Ala. 7:15 s/off, fair. 10/10- WETT-1590, Md. w/VID, poor. 10/11- WPNX 2:53am NX, VID o/u WPDQ. 10/17- WJLL-730 Tenn. 6:53pm poor, 6:30pm WARD-1540 Pa. just after WRCP s/off, WRFL-1540 N.C. 6:45 s/off fair. 10/18- WITS-1510 Mass. ex-WJEX w/talk, good. 10/19- WJUU-1260 Va. s/off poor through QEM. 10/20- WONA-1570 Miss. 6:30pm s/off fair. 10/21- WPOP-970 Ga. s/off, WJBF-970 Ala. w/local NX, SX, VIDs @ 7:05, & WKDR-980 Miss. s/off good. 10/22- WPGD-1550 N.C. s/off just after local WVAB s/off, good, 7pm. WJLW-950 Ind. s/off good. 10/23- 2:36am, KIUP-930 Colo. TEST made it here fair w/sweep tone & IDs every two minutes. Report sent, answered in one week. 2:45am, CFBC, Canada, VIDs, poor. 4am, KRZI-1580 Tex. in weak, STD. 10/26- WKBX-630 Ga. weak ex-WSAU @ 7:15pm. 10/29- KQYX-1560 Mo. w/NX & rr @ 7:29pm. 7:50, KRWN-880 Neb. w/WCS w/FE scores. 10/29- Back to EST thank goodness! 5:32pm, WKAP-1320 Pa. femme announcer weak, & WATR-1320 Conn. @ 6:15 VID, fair. At 7:15pm KJIX-1580 Ariz. heard here, first time other than for TEST. KNIX & KPIC Colo. have been in good here the last few days. 10/30- At 2:43am WDAF-610 Mo. weak w/c/w u/WJLC. 6:13pm WJDS-1180 Ill. in good w/WJAM easily nulled. 10/31- WJGM-1410 Va. good w/VID @ 5:17pm; 6pm WXYZ-1070 S.C. s/off very weak. At 6:18 s/off of WFXV-1560 Ky. weak, clear. Season has really started out good here. I hope everyone else is doing as well. 73s for now.

## HERE'S LIVING PROOF THAT WEIRD TONE ON 930 WAS KIUP'S TEST!

WAYNE HEINEN - Pike's Peak DXer - 427 East Caramillo Street - Colorado Springs Col. - 80907

I enjoyed a nice visit from JERRY STARR & Bonnie this past month. All DXers are welcome to call & drop by. Latest DX- MM 10/16- KFUP-850 TEST good o/u KOA, v/c back already. KGO-810 o/u KQMO for report. KMUS-1380 on r/c 5:33-w/TT. 10/23- r/c-TT KROX 1:07-1:15am. KIUP-930 w/wees-oooo TT- I hope lots of people got it. Recent veries: KVBE-1400, KLBK-1340, KUJ-1420, KCLV-1240, v/l- KLAZ-1250, KBLP-920, KVOP-1400 & KEX-1190 for a 10/76 report w/no f/up (sent to my in-laws at my old address!). v/PP/c- KLED-1480. v/q- KTRH-740, WKY-930, WJMG-860, v/c KFUP-850, v/f KEYS-1440. Totals are now 892/725. I really like RON SCHILLER's new column. My f/ups are out on the ones where v/s were listed. I hope many more will contribute v/s when

(Heinen) known. As always my v/s go along with every Muse. See you later. 73. (Thank you, Wayne, and just a reminder to other Musers - please send along your v/s with your Musings!)

BACK WITH THE MUSERS AGAIN!

TIM KERFOOT - 34 Cross Streey - Weston, Ontario - M9N 2B9 10/29/78  
It has been a few years since I have Mused, so a re-introduction is in order. I am 29 years old, single, and have resided my whole life in Greater Toronto, a dynamic and cosmopolitan metropolis, where I am employed. I began DXing in 1962 but did not join NRC until 1970. In 1975 I let my membership lapse during a period of inactivity but re-joined in 1977. My principal receivers are an FRG-7 and Realistic TRF. I also have a DX-150A as a standby, as well as a Realistic CTR-20B cassette recorder. As for my DXing abilities, they are neither great nor numerous, but I love the hobby. My current totals are 845 heard, 390 verified. I do not count locals or call changes. I have confirmed ten provinces and 42 states, while countries stand at 17 heard and 13 confirmed. Among my better veries are WHSL-1490, WKKE-1340, TIMAR-1375, CBFA-1140, & WSGA-1400. Recent DX here: 10/28- WMTI-1300, @ 6:59pm s/off. 10/29- WKER-1500, 7am s/on; WBRI-1500, 7:15am. New verie, WJMO-1490. I entered the NRC Contest. 73.

HAVING A GREAT TIME DXING IN THE BUCKEYE STATE

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764 10/9/78  
By the time these October Muses stop appearing it'll be a new year, hi. MM 10/9- A nice AU morning. R. Paradise-1265 w/song #4, dedication to prayer partners in Caribbean, 12:30am, little slop from domestics. TTer on 1450 12:32-12:28, WATZ that? Cuban, R. Liberation, on 570, no WKBN, 12:57. Parallels on 590, 600, 630 had "45" signals, also on 690 and 720. WTVN fair + talker on 610. WSUN-620 Fla. "Sun Country" 12:58-1:03, mentioned Bay Area, CWM mx. Organ mx noted u/CMQ-640, singing then as Cuba chimed & I ded, the other spoke "T-G-Dobleve" en Guatemala, La Voz del Pueblo! 1:04. Cuba nulled & TGW strong. Then a man said "Buenas noches Guatemala, buenas noches America," then JX & anthem, off @ 1:07. SS on 550. Man & woman in SS w/talk (WMAQ)? way under @ 1:14, //:-690. By now I decided I wouldn't listen unless it's Spanish! XEX-730 Mexico City good 1:18-1:24 w/vocals, local spots, "XET Mexico" JXes, all in SS. WJR-760 1:28 w/SS under, 1:30 came fanfare & frequent R-C-N mentions. What is call of Colombia? (HJAJ, La Voz de Barranquilla -ERC) Man & woman talker on 780 @ 1:35 o/WBEM. PUB o/CLRW, 1:37. SS on 820 about =WBAP, 1:42-2:01, R. Ciudad de Habana ID. I was alternating between 820 & 850, which had a rocker & SS, 1:59 mention 50 years on the air, WRUF, Fla., into NBC NX. SS unID. WNLV-1250 Ky. w/"The Stripper" (they said distinctive mx!) & TT, mention of NRC. I tried for WAVC-1350, I had someone w/tr beside WSLR but no IDs. WFBC-1330 S.C. good w/WX, state #20. Listening to 910, I had WBAF Ga. (state #21) & an SS, I was hoping for YVRQ, R. Aeropuerto Venezuela, but no ID I could find, maybe Chuck Hutton can. I kept 910 on 2:55 to 3:33. Now, I want a good MX like I've heard other Ohio-Ky. people speak of, WCstuff like B.C. on 1410, Wash. on 1590, etc. Totals: 114/21/18. 73.

\*WANTS TO DEVIATE BY HAVING NO HEADLINE\*

ERIC FADER - 23-35 Bell Boulevard - Bayside, New York - 11360 10/29/78  
10/19 SSS - Unn WIGR-1520 S.C. w/s/off following rr, w/WKWB unheard due to Aurora, 6:45pm. MM 10/23- On 1590, 1:59am - "Congratulations, you're being resourceful (huh?), you're listening to WBOE, Richmond," & AOR mx. What all that means, I think, is an ET with their usual weird sense of humor, hi. Passing note: Thanks to BILL WURTZEL for immortalizing me in poetry, hi. Back to DX: SM 10/29- I thought at first that CX were AU, but it turned out to be just great overall. Clears like WCO-830 were booming in. All times EST: YVOV-540, R. Perija, easily dominant w/uptempo mx & IDs, 1:15-1:22, new. Unn old friend WQAM-560 loud o/WFLI, 1:39-1:48 w/disco; I listened just for fun anyway, hi. Cubans very loud on 580/590/600/630/640.690, with the 590 one best, at local strength. Unn WIOD-610 strong, 1:54. With the Floridas coming in, I looked for needs WDEO-580, WML-920 & WLOF-950, but all still unheard. Surprise newie in WSGW-790, Saginaw, Mich. w/CBS NX 2-2:05am or whenever. I can't explain why I stuck around when I took them to be unn WTAR Va., call it the old hx instinct, hi. Anyway, they went into "News 79" local/state NX, several IDs which I was too lazy to get out of bed (with the TRF/SM-2) to tape. They were likely using 5kw ND as they were really strong. They went into pure MoR @ 2:09, following promo "First with the news, 24 hours a day" (Is that how many there are? 'Twas 25 the day I heard them, hi!) That's about it for my first Muse on a new typewriter, surely a milestone in DX NEWS history, hi. 73.

FINALLY BAGS HIS "MOST WANTED."

JOHN LEMMER - 2937 West Gilbert - Peoria, Illinois - 61604  
I've been super busy but what little DX I've heard has been great. My most wanted catch WBAM was heard after three years of trying. On 10/22 WVOK-690 Birmingham was in, making a rare appearance. WFPS-680 Memphis was also in; first time heard since they've gone country; IDed as "The new WFPS." I dialed on down to 740 & heard "Dixie" which WBAM plays @ s/off but no ID. I kept trying for 'BAM & finally heard 'em on 10/24. Someone was playing c/w @ 7pm out popped a great ID, "WBAM Montgomery." WBAM was very weak u/KRMG/KTRH. 740 is a bad frequency here w/WGN splatter & super pests in KTRH, KRMG. WBAM is also very directional. In other stuff I'm going to Europe next Summer for four weeks. I'll be in Paris, Salzburg, Vienna, & Hungary. It should be a lot of fun & I hope to take along my TRF & tape recorder. Thanks to PAUL MOUNT for the call on 10/25. C/W singer Tommy Overstreet has an interesting song out called "Fading In, Fading Out". In the song his girl's love is compared to how a distant radio station fades in & out. At least someone knows a little about DXing, hi. 73.  
(Maybe he'd be a potential new member of NRC!!! -ERC)

GETS INTERESTING VERIE FROM KRVN-880

WILLIAM R. HALE - 1451-B Faith Drive - Rantoul, Illinois - 61866 10/30/78  
I want to start with a couple of veries which I thought might prove interesting to some. First, on 10/15 I picked up WEAQ-790 for a few minutes while in the car. I sent them a report the next day, and THREE (3) days later I got a verification back. Now, that's service. Not only a verie, but a nighttime pattern contour of WEAQ, showing how they have to protect WBEM. And if that wasn't enough, also included was a copy of the 790 page from the 1972 NRC Pattern Book. There is a statement at the bottom stating the page was reprinted by permission of NRC. But the Boonton, N.J. address was listed as the Club address. Shouldn't someone straighten them out? With such a great response to my report, hopefully they verify everyone's that well. Here's one I'll submit for strangest verie honorable mention: On Jan. 8, 1976, I heard KRVN-880. I sent off a report & after months & months, I forgot all about it. Then on Apr. 8, 1978, I got a letter in a Holiday Inn envelope from the Inn at Greenville, S.C. & postmarked St. Louis, Mo. Enclosed was a Xeroxed verie of my report which began, "Know all men by these presents", and was signed by R. J. Bitner, WbSOK, & witnessed by de Fish, DX correspondent. Pretty strange, I'd say. GARY ATKINS straightened it all out for me, but for a while I was in a quandry about the whole thing. This afternoon proved very productive as far as DX was concerned, all times EDT: 5:17pm, WQNT-930 Huntington W.Va. 6:28, KMPL-1520 Sikeston, Mo. 6:30, KOMA-1520 as KMPL lowered power & went to nighttime pattern. 6:45, WCOA-1370 Pensacola (I haven't heard them since I was in Fla. in '75). 6:49, KXOL-1360 Ft. Worth. 6:51, WHEF-1270 Rock Island. 6:52, KAAY-1090 (a real pest). 6:54, KRLD-1080. 6:57, WBOE-1060 (Have they changed their pattern?) 7:45pm, WVNA-1590 Tuscumbia, Ala. The 930, 1360, 1370, 1060 & 1590 catches were first timers at this location. Let's get those updated GY records in. I read with interest JAMES E. CRITCHETT's Muse in issue #2 that he heard KFLI, Mountain Home, Ida. as I worked for them 1966-1971 while stationed at Mountain Home AFB. WVNA's still punching through. They had CBS NX on the hour folo by announcement they'll have Larry King on @ 12:06am. I'd like to start a programming-personalities type column. If HQ can find room periodically, formats & personalities' names from local papers might prove interesting, & when a name is heard, a quick reference might make the difference when trying to pull a station out of the muck. Any suggestions? Maybe more in my next Muse. 73.

KNDE-1470 RETURNS TO OLD FAMILIAR CALL OF KXOA

JAMES E. CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 96080 10/31/78  
Here are the previously unID stations heard between trips. From Wed. Oct. 18 to Sat. Oct. 21 I travelled through central Oregon and saw the beautiful Fall colors in the various branches of the John Day River and its tributaries. No DX; just sightseeing & sleep. After several tries I finally heard an ID from KDON-1470 @ 9:16am Mon. Oct. 23; heard several times since then. There is no longer a KNDE in Sacramento, Tues. Oct. 24 @ 11:57am (2:57 EDT) on 1470, KXOA IDed. Uses the slogan "AM-14" during most breaks in the rock mx. Concentrating on 1470 brought me KAPS @ s/on @ 9:30am Wed. 10/25. KUTY was also on 1470 with Palmdale NX @ 10:11am same morn, but unID. While tuning around on 1150, KSEN, Shelby, Mont. IDed @ 9 EDT Sun. 10/29 w/CBS NX, on top of their frequency. Monday 10/30 @ 8:06 on 910, KOYN was giving the Montana NX, but I missed the ID. And the latest station heard for the first time is KPRB (Grineville, Redmond, Bend) with Ai Radio NX @ 9, ID @ 9:06 & 9:10. I expect to take off again tomorrow for a few days in the Ireka-Medford, Ore. area. I used to live in Ireka; a good DX area. I still like to travel. I had a "Cruise Control" put on the Pinto; it certainly gives my right foot much rest on freeways & nearby level stretches on the other roads. It also keeps speed under 55 MPH; I'm glad I have it. That's all.

PLENTY OF DX ROLLING IN IN KENTUCKY

JOHN HOOGERHEIDE - 105 Bayside Lane - Brandenburg, Kentucky - 40108  
On 10/20 I had WAJR-1440 w/FB @ 7:30pm and WTRX-1330 in Flint also w/FB at 7:50 for two new ones. WTAX-1240 at 4pm u/WINN, nulled out on Worcester Loop; no QSLs in today. Old friend WXYZ-1270 in. On same loop direction I heard FB game between Frankfort High School and Mercy (?) Springs in Eastern Time Zone on 1270. Station was in mountains, as they talked about fog last weekend, I guess, WCBG, Cumberland. 10/21- QSLs in from KQTX-1560, WAVC-850 verifying WAMO, not WXJZ, KOHO. 10/20- WEPG-910 s/off 7:15pm w/SSB. Great log in KGNC-710 w/CBS NX @ 8pm w/XEPQ QRM, non-Auoral, but no WOR. 10/23- KHL-1300 w/CBS NX @ 1am. No sign of KIUP TEST - WXY & others and a weird "whoop" at two second intervals dominated the frequency. (That WAS KIUP, John! -ERC) At 2:23, WMLM, St. Louis, Mich. was heard Tting w/OC for those who missed it during blizzard. Also WTAE-1250 Tting w/mx, 2:25. WRIB-1330 atop & A'ing, a new A'ner? KOIL/WHO/WIRL in jumble on 1290. KOIL was new. 10/23- CFBN-1310 and CHI-1540 well stop all at 6pm. All my Canadian mail is being returned - what gives? (They had another postal strike -ERC) WQXI-790 atop @ 8pm. 10/24- WJYN-730 new call for Bowling Green, Ohio station, in & out all day today until 7pm s/off. v/q- WCOO, & WNLV for DX TEST. Ed said he'd TEST next year again. 10/27- QSLs: WMAK, WILK, KFJZ, WTRX, and WTAX. Help from Wcers - On 1580 I caught what I believe was s/off at 9pm EDT of KNIX. They had a female DJ doing NXcast prior to s/off. Does KNIX have a woman DJ at sign off? If so, it's Arizona #1. 10/29, I had YST, R. El Mundo, atop XEMR on 1140 w/femme announcer & classical piano mx @ 1am. KRMJ-750 w/UPI news behind WSB @ 8:05am.

WE ARE DISAPPOINTED AT THE SMALLISH NUMBER OF MUSINGS IN THIS ISSUE. REMEMBER, WE WANT TO BE WEEKLY, NOT WEEKLY! TO MAKE THIS SECTION GREAT, WITH LOTS OF VALUABLE DX TIPS IN IT, WE MUST HEAR FROM MANY MORE OF YOU! DON'T SOME OF YOU GROW TIRED OF SEEING ONLY THE DEALINGS OF OTHER PEOPLE AND NARY EVER MENTION OF YOUR NAME AND CATCHES? WHY NOT BECOME A PART OF THE LIVING NATIONAL RADIO CLUB, INSTEAD OF BEING MERELY SATISFIED TO BE A ROCKING-CHAIR PARTICIPANT? GET THOSE MUSINGS IN, PLEASE, DOUBLE-SPACED, AND REMEMBER, IT'S 30 LINES PER MEMBER MAXIMUM, AND ONE MUSING PER ISSUE. PLEASE USE A.M. & P.M., EDT, AND NOT THE 24-HOUR CLOCK SYSTEM. THANKS!

A HIT OF EUROPEAN DX - FROM EUROPE!

CHARLES HAFTER - House 2,000 - 38 Route de Laverune, Entree B - 34100 Montpellier, France  
 Now that we are settled in, and down to a normal routine, here in Southern France, I have time to write a Muse. Some random comments on European DX: 1) Although stations are 9kHz apart, the signals are much cleaner than those in the U.S. My RF-2200 easily separates every channel, even those 800kw monsters, with little or no splatter. 2) The RF-2200 works great on MW, much better than the TRF! Split frequency reception is a problem; the only one received so far is Iraq-760, between Switzerland-764 and Romania-755. Without a radio capable of nulling reception is impossible - Vatican Radio on 1529 is the only clear channel I receive. All the other channels are filled with three or four super powers fighting it out. But with a directional antenna the stations can be separated. 3) Montpellier is an excellent DX location on the Mediterranean Sea. Daytime DX yields eight countries - France, Spain (737), Italy (Rome-845), Andorra (Sud Radio-818), Monaco-1466, Vatican-1529, Tunisia (Tunis-629) & Algeria (548 & 529). 4) - Most European stations s/off after 1 or 2am local time. Each nation, except for West Germany, uses only one or two channels for their AM service, i.e. Notturmo del Italia on 845-Rome & 899, Milan. Thus DX is interesting every night not just MMs. For example, after Sud Radio-818 s/off, Egypt comes in. I hope to be able to receive TA's from the U.S. in Winter. 5) - My favorite types of music, classical and jazz get big play on the Eastern European stations - Bulgaria "Horizon Program" on 1223 after 2200 GMT (contrary to WRTH), Romania (Cioj-1151) and Hungary (Budapest-539) all transmit a great selection of classical pieces. I better stop now, though I have barely begun to comment on DX! I will report on all frequency changes I notice, although the only station I have heard mentioning new frequencies is BBC, Radio 4 (which will go to Long Wave on 200 kHz) & Radio 2 which will move to MW and be AM, increasing chances in the U.S. It should get interesting in November. All communications welcome. Au Revoir. (Are you located there permanently, Charles? Thanks for Musing from France! -ERC)

WE HEREWITH WELCOME LARRY TO THE NRC & MUSINGS. MUSE OFTEN, LARRY!

LARRY WILD - RR 1, Box 135 - Murphysboro, Illinois - 62966  
 Since this is my first Muse, I guess a brief introduction is in order. (Or, at least, that's what most people seem to say). I'm 36 years old, and I'm a college prof who has taken a year's leave to go back to school. I'm currently enrolled at SIU in Carbondale. I live with my wife, two children, parents-in-law and two brothers-in-law on a 92 acre plot of land S of Murphysboro. As a high school student, I did a little DXing, but soon lost interest. About four years ago I hooked a 90' piece of wire to the AM antenna screw on the rear of my AM-FM-Hi-Fi Stereo receiver & discovered a whole nother world. That night I not only heard the standard 50kw clears: PJB in Bonaire (at that time I thought CKLW owned 800 kc); & a whole host of what I would soon discover were Cuban pests; but also a 50kw from the Republic of Colombia on 820. And that w/90' of wire lying on the ground. Just think of what I could pick up if I could just get the antenna up in the air. That RI has been retired back to its original function: to provide the family with high quality stereo sound reproduction. I now do my DXing & listening both SW & CCB, on an FRG-7. The unit was modified by Gilfer to provide better selectivity. For antennas I have used that 90' wire at about a 16' elevation; several un-tuned loops, & a low (3-4 feet above ground) LW (like 300'). Last year, while I was teaching in Pa., we came to Murphysboro to visit Grandpa & Gramps during the Christmas vacation. I brought along the FRG-7. I took a 450' electric fence, grounded the far end through a 500 ohm resistor, brought the near end into the house; and turned the fence into a mini-Beverage. During that two weeks, spending about an hour to two at the dials, I logged 115 stations. My best DX were several low power Mexican stations (the fence runs SW) which I logged on Sunday night. The fence is still being used as a fence, so I'm forced to use 200' of hook-up wire which I've run through the woods. But come the first snow, the fence will once again be mine. I see I am just about out of lines. A couple of questions. Where is the air beacon RAB (1610 approximately) located? (Guatemala -ERC) What is the Spanish station around 530 kc/s.? More to come.

ERECTS NEW LONGWIRE - IT MEANS 'WOR'

ELLIOT R. STRAUS - 27 Devon Drive - West Orange, New Jersey - 07052 201-736-1681  
 I hope I'm not being redundant in my fascination with SSS DX. Since my new hours of work afforded me the opportunity I have logged 20 newies in the period 10/23 to 10/31. I sent out 33 reports in October, the most ever in one month for me. Recent veries include: WUPE-1110, WINC-890, KATZ-1600, WBRW-1170, WYNS-1150, WQW-1570, to bring me to 585. Since I haven't DXed SSS since the mid-sixties I anticipate literally hundreds of new receptions and possibly veries. It gets the old adrenalin flowing again. Today (11/1) I strung up what I thought would be an 800' beverage but it turned out to be a 600' LW which I terminated on the far end anyhow. It's pointed SW from here so we'll see if it's any help. Being that I'm only 5-7 miles from virtually all the N.Y.C. 50kw-ers the wire may pick up a lot of spurs, a problem I haven't encountered with the NRC PET Loop. Let me go DX this afternoon and I'll get back with the first LW test....All I got were spurs of WOR on about 70 frequencies! I guess I'll have to shorten it up. 3's. (Or extend it beyond WOR's coverage area, hi -ERC)

O.K., KIDS - WE'VE GOT SOME INTERESTING MUSINGS FOR THIS ISSUE, BUT JUST THINK HOW MUCH MORE SO THIS SECTION WOULD BE IF MORE OF YOU WOULD ONLY JOIN IN THE RITUAL OF SENDING THEM IN! WE BEG YOU TO DO SO, THUS MAKING DX NEWS THAT MUCH GREATER FOR ALL OF US. YOU ALL LIKE TO SEE A LOT OF GOOD EXCITING DX INFO IN HERE, DO YOU NOT? SO DO YOUR FELLOW DXERS, SO WHY DON'T YOU RESOLVE TO PULL A TINY HIT OF THE LOAD YOURSELF AND CONTRIBUTE A FEW MINUTES OF YOUR TIME AND A 15¢ STAMP TO LET US KNOW WHAT YOU ARE HEARING DAY BY DAY? PLEASE DOUBLE SPACE. THANK YOU.

LOSS THE WEST COAST IN THE MIDST OF NEW YORK CITY

HILL WURTZEL - 32 West 31 Street - New York, New York - 10001 212-594-4892 10/31/78  
 Well I finally heard the WC! On 10/17 @ 7am EST I DXed KFI-640 from Los Angeles. My Realistic TRF is OK. I heard the song "Dust in the Wind" by Kansas, then the announcer said - "And now Newbreak on KFI, Los Angeles." It was starting to get light out and the news was still audible, but quickly faded out. It must have been - Dust in the Wind - which brought KFI in! I have also been hearing stations whose call letters do not appear in the Vane Jones Log. Like WDAI-1430, WDCP-1390 on 10/26. WHYL-960 Carlisle, Pa. has been booming in here around sunset calling themselves Y-96 with WEAV Plattsburgh N.Y. underneath. Time was 6:25pm EST before we turned the clocks back an hour. Now we can hear them one hour earlier. While visiting my mother in Passaic, N.J. the week before, I called up DAVID DUNNING in Fairlawn. When he told me his subscription is expiring, I tried to talk him into renewing, by giving him some sneak previews of my upcoming limericks. I think I succeeded in keeping an old member. WSBA-910 York, Pa. is a mighty visitor. I would like to see other limerick writers submit their gens to DX NEWS. Come on guys! Here are a few more on radio stations:

I dialed my TRF & gave it a try  
 And sure enough in came KFI  
 Across the USA from the West Coast  
 But I burnt the toast  
 Hearing Los Angeles, Cal. made me a lucky guy!

Here is a paradox I must tell  
 15-40 brings in WPTB and KXEL  
 Albany's rock music is the best  
 KXEL is a pest from the Mid-West  
 Preachers tell us to repent or we go to hell!

Right now Natick, Massachusetts' WGR  
 Is not able to reach out far  
 But when they get 50 kilowatts  
 School children will dot their I's with spots  
 All the way down in Zanzibar!  
 ROBERT WIEN in San Jose inspired that last one - I hope he has read that last limerick.

I needed a radio with good sensitivity  
 Equipped with great selectivity  
 I decided that a TRF by GE  
 Was the radio for me /circuitry.  
 When I checked out its super-sensitive/  
 There is a wealth of poetry to be written about DXers and radios. It looks like I'm the guy to do it. I wish more NRCers would contact me. So long & 73.

YAD WILL LIVE AGAIN!

JERRY STARR - c/o WSRD Radio - Youngstown, Ohio - 44505

Hi again. After another Summer away from the dials, I guess it's time for the annual Fall Muse. Congratulations to the Atlanta gang for another excellent Convention; strange nobody has mentioned the missing fiberglass insulation from the hotel walls. I went back to Albuquerque for vacation and ballooning for a few weeks in October. (Norm's phone wasn't in the book & I didn't have his new address - I wanted to look him up). I dropped in on WAYNE HEINEN's clan on the way home and ended up staying three days (literally), thanks for the hospitality and the great DX. Wayne's new Radio West loop seems to be a hot number. A few days after returning I had a surprise visit from the elusive ED KREJNY and Orygun's MIKE NORTHAM who was officially inducted into YAD-dom, not to mention the tour of Denny's Bar and other attractions. Some notes whilst travelling: KZIA-1580 announces now 10kw, should be a great SSS bet now. KATT-1140 (ex-KLPR) simulcasting FM-100 rock, calls itself "The Cat". The new KRIZ-1470 Wray, Col. heard Saturday morn rebroadcasting a Friday night HS FB game; KKOJ-1320 (ex-KAIE) w/T-40 calling itself "The Juice" etc., and I noted a sign on the S rim of the Grand Canyon advising us to tune to 1610 for traveler info but nowhere in the park was it audible; I suspect it was off. Meager DX since returning: KF00-850-TEST was heard. Also on 10/16 WYJZ (ex-WAMO) 860 heard w/BT w/FM (still WAMO) programming 3:23-3:50+; pirate WFAT-1613 @ 3:45 w/good signal. I called & they promised a QSL, not received yet. 10/23- No deal on the KIUP TEST, WPMJ was ETing during much of the period. Following that a very loud CFBC-930 until after 4:00 S-8+ w/many IDs on RS. One verie back, a v/q from KF00. I'm already looking forward to ST. LOUIS 1979, if it's anything like the 1969 Convention it should be one to remember. Ernie, are you ready to tour the Budweiser Brewery again? I understand they engraved his name on a plaque after the last visit. For those who have inquired about the next YAD (yes, some people are gluttons for punishment) it will most likely be over the 1979 Easter weekend so make your plans now to visit Hubbard-land get crazy. 73 & good DX!

\*NO HEADLINE\*

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830

10/30- MM, I noted KOMO running AN on 860 - I hope those WXAP-TEST veries are upcoming - I'd volunteer to pay for QSL cards if any Atlanta member can arrange to do the verifying. 10/31- WNVN-1380 ex-WQW IDs as 14-NVR, on already @ 5:03am o/u WENX till WEBX' OC came on @ 5:28. 11/2- Per Ernie's tip card I received @ 10:27am KZF-810, Waltham, logged at 10:30am - on all day, IDs at half hour intervals but off @ 5pm when I was near radio. I called Raytheon in Waltham - everybody refused to answer questions. I tried sylvania - one guy said "maybe" - the rest said "no way." I called the FCC & they said info sent only on written request. FM, WWTG-1460 @ 5pm, Rochester, for a report in the clear till 5:15 when WOKO started to come on. They ID as "3W". Gorham, Me. was granted 1590, 5,000/1,500 & is advertising for a Chief Engineer.

MORE TIPS ON DOCTORING UP THE TRF

MARK CONNELLY - 52 Amnden Street - Arlington, Massachusetts - 02174 10/29/78

Just what you always wanted - another TRF Transmogrification Article! This time - regeneration for your TRF. This article was written for the average TRF owner who does not have access to a PC board "roadmap". Regeneration is intentional RF feedback utilized to increase selectivity. For example, you hear a het against 550, but the het-causer on 548

(Connolly, con'd) is 15 db weaker than 550. With regeneration you can perk up your TRF selectivity adequately to get audio on 548. To accomplish this, open up the back of the TRF & go through the following procedure: Locate the largest "IF-type can" (adjustable inductor) which is the second one to the right of the main tuning capacitor as you view the TRF innards from the rear. On my TRF, the adjustable slug of this coil is yellow. Adjacent to the upper right side of the can is a .04 uf. disc capacitor. To the immediate right of the disc is a black transistor. Take a piece of insulated stranded #26 wire & strip off 1/8" of insulation. Tin the lead w/solder & solder it to the black transistor lead closest to the top lead of the .04 uf. disc. Bring the wire to a terminal pin or screw going through the back cover of the TRF to the outside. Install a second such terminal & solder a .01 uf. capacitor from it to the yellow external-antenna jack lead. Remove the black lead from the antenna jack to the main tuning capacitor; it does nothing. Close up your TRF. At the external pins place a 2K potentiometer. Adjust it on a split until over-regeneration (a squealing or motor-boating sound) occurs. Increase the resistance slightly; enhanced selectivity should occur. The optimum condition will be when the trimmer capacitor (adjacent to the upper right side of the main tuning capacitor) has been tweaked for peak sensitivity at the frequency of interest. Drilling a hole in the TRF back to make this trimmer accessible from the outside would be advisable. If the 2K pot used for the regeneration adjustment is too hard to fine-tune, go to a 1K, or lower, pot. If the over-regeneration (squealing) will not stop with the 2K pot, try a 10K pot. I have initiated these ideas for the experimenter - maybe one of you will improve upon them. It does supply a cheap and easy alternative to installing a mechanical filter and added gain stages. 73.

### MOTHBALL MEMORIES

CHAPTER XCII - WRAPPING UP THE COPS AND ROBBERS HIT FROM OLDEN CHICAGO DAYS. (NEIL ZANK)

"Books could be written on the number of cases where the arrival of police department prevented major crimes", said Deputy Chief Storms. "Recently six gambling houses were raided and owners and operators were arrested through police radio. This proved the efficiency of the radio against the tip-off of one gambling resort to another."

A kidnapper was caught with a six-year-old girl in his car 15 minutes after the kidnapping occurred. He got 99 years. A doctor stopped his car at a northside intersection and two bandits stepped in and forced him to drive on. A witness telephoned police and within 15 minutes the hoodlums were caught. At 11:30 one night police were informed that two men were jimmying the back window of a market. The men were caught before they had the window more than half open. Three bandits were escaping in an automobile. A radio call was broadcast. A squad spotted the gunmen's car approaching at 80 miles an hour. The police turned their car around a gave chase. Result: 84 bullet holes in the car, two bandits killed, the third wounded. The three had stolen over 200 cars in two years.

Police officials say they have found it practically useless to tap the wires of stolen automobile "fences" and gangs of thieves because they use a code. Police, however, have learned a good share of most of the codes. For example, "a bottle of milk" means one type of car, "strawberry pie", another type. Foodstuffs seem popular in codes.

Talking over crime and crime prevention, Detective Storms said, "It is not the bullets we are afraid of but the possibility of getting the wrong party. In a great many cases police are forced to act without due process of law. As the law gives the criminal protection and sides with the criminal more than it does with the law enforcement department."

Deputy Storms made the first arrest by radio. This was at the time the Tribune Station WGN was operating with the Police Department before it had its own radios. To Richard Johnston goes the credit for the first habitual criminal apprehended by radio. Two men were caught in the act of holding up a laundry wagon just a block from the police car. When they approached the scene of the crime, the men ran away and one crashed through a plate glass window. Storms got him and the other bandit was apprehended a short time later. The third man was proved to be a habitual criminal and was the third man to be sentenced under the act. The police cars are equipped with built-in aeriels in the roofs. The receivers are locked at 1472 kilocycles. Not all the work of the squad cars is grim. It has its lighter side. One evening a young chap who apparently had looked on the wine when it was red, telephoned the central bureau. He wanted a squad car to come out and help him get into his house.

"We're too busy to come out," Supervisor Price told him. The boy was indignant. "Trouble with you cops," he growled, "is that you're never where I want you. You came out & got me one time when I didn't want you to and now when I want you to you won't come." Well, if you insist," said Price, "we could run out and get you again, but we'll lock you up this time." "No thanks," replied the citizen, and he hung up with a bang.

In a number of cities, for instance, Wheaton, Ill., the police have cars equipped with two-way radio. That is, the cruising squad not only listens to instructions from headquarters, but through a portable transmitter is able to report back constantly by radio phone. An example of the workings of this system pertains to trailing suspicious cars or trucks suspected of having been hi-jacked. The police car, taking the license number of the suspected car, calls back to headquarters and checks on the ownership from the big license directory, then pulls up alongside to question the suspect. If the driver gives the correct answers, he is waved to go ahead. If not, he is held for questioning, and probably wonders how the police know so much about him so quickly. By this two-way system, headquarters can know constantly exactly where the squad cars are, which in case of a bank robbery or other emergency, saves valuable minutes of time.

The Cook County Highway Police under Sheriff John Toman are said to be planning to establish early in May a new system of squad cars designed especially to aid rural residents who live some distance from police or medical aid. It is understood the new cars will (con'd)

really be radio-equipped ambulances. Officers in charge will have had thorough Red Cross training for emergency first aid. In the event of a major crime or an accident in the country, a telephone call to one of three district stations will result in a broadcast to the roving cars. They will proceed at once to the location given and bring injured persons to a hospital or render emergency first aid. The squads will be in charge of H. H. Burns, chief of the highway police.

(Ed. note: This ends a three-parter on Chicago police radio in the early 30's. It was a tough typing chore, as it was all single-spaced. Next week, we'll carry another of PETE KEMP's stories, which he calls, "The Fastest Tongue in the West."

### AURORA IS IN AND OUT THESE DAYS

ERNEST R. COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337  
One verie in, KIUP-930, but it's a second verie so not counted, as I have a v/c from them back from 1943 reception on 1400k during a f/c. I'm still holding back on sending SS reports out, waiting for those promised DX slips printed in Spanish so they'll know what we want down there - whoever's handling this for us, please speed up the fruition of this project, which I suggested and which Cesar Objio translated into SS for us many months ago - for the SS reception during these AU operadings has been fantabulous. Well, to DX nov. MM 10/30- UniD TT on 1230 @ 12:54am, gone after 1. No sign of WSKI here at 12:55am tune-in. UniD TTer noted on 1420 @ 1:20 and off @ 1:24. Somebody on 810 w/jazz @ 1:44-1:52 when WGY flopped back on, killing it, ZNS3 maybe. On 620, YNM was way out on top @ 2:11, unn. On 830 I heard what seemed to be slop, but there was nothing loud on either side of this channel - I wonder what this was? FM slop like some one else mentioned an issue or so back? WWDK-1260 w/c/w was on top there. Then a new logging in WNEWS-790, AN with tele-talk after NX, 3-3:46. In the peeyam, unn WGR-1520 doing a number on WKEM whilst we were still in full daylight, @ 4:22pm! 10/31- Buzzy around here, only oddity noted was (apparently) TIW on 775, AMing @ 2:52am. 11/1- TTer u/WINS around 2:30, not IDed. We noted Larry King on WILK-980, he is really becoming "King of the Kilocycles" isn't he? HJIM-830 "R. Vision" noted on AN sked, & report taken but not sent yet, waiting for those SS DX slips! Thanks to a phone call from FRANK DAILEY, I logged a weirdie on 890 on 11/2 at 11 a.m., solid 20-over-9 signal, from one IDing as "KZF-8-1-oh, Waltham, Mass." and the same each half hour thereafter, w/OC in between. I alerted Stan Morse to him too. As yet, nobody knows who/what this is, but it's on 890 with call KZF-810, odd. It's still there as of this typing, on 11/7/78. 11/3- An SS in/out with the Cuban Minute Man on 1270 @ 2:35+, uniD. WMD topped 1340 @ 2:51, and that "R. Farallones" again riding astride 1550 @ 3am. SM 11/5- Unn WQII-1140 solid @ 1:59, WRVA off. CHTN-1190 booming in o/WMD @ 2:03. An SS s/off @ 2 on 1160, w/AM & FM frequencies given, uniD. With WPOP-1410 on OC, CIGO doing nicely @ 3:12 w/hank Williams music. WWA-1170 seemed off @ 3am, but with theAU, they could have been on. FM, I spent about two hours trying to ID the fady SS on 1530 - very few (if any) IDs, and that horrible slop from the horrible WPTX nearly drove me up the wall (to the liquor closet, hi). MM 11/6- R. Cordillera-1190, unn, good @ 1:39. An OC sat atop KMOX @ 2am; WACQ-1150 was TTING & OCing after 2 this morn. An SS which seemed to be Monterda, Columbia, topping 1160, seems Aeropuerto has quit ANing. PE, I tried to ID another SS, this one on 1430, loud at times, o/another SS, with lots of news-political talk, w/ mention often of Cuba & Venezuela, no sign of any domestics on 1430, 6:13-7:30pm. Also good were Coro-1210 (no WCAU) & Barcelona-1080 (no WTIC) in strong AU CS which were gone after 12. And, also thanks to HILL COLEMAN and DOUG ALLEN for their recent phone calls. C U N 7.

Ah ha, some blank space.....what can we at HQ stick in here? Ah, yes...

### GET-TOGETHERS

Rocket Ray's Thanksgiving GTG is set for Sunday, November 26, 1978 on the Arruda estate in Cust net, Mass. Time is from 12-6 p.m. EST. A map of the location is in DX News #3, Nov. 6. Refreshments will be provided and a collection will be taken up for a pizza run late in the day. If interested call Ray at (617) 998-3958. His address is 47 Burt Street, Achusnet, Mass.

Brian P. Sherwood's GTG is scheduled for Friday, Saturday and Sunday, Nov. 25-26-27 at his home, 221 Larch Avenue, Elmhurst, Illinois 60126. Bring all the DX related stuff you want. A charge of 75¢ per person/per day for refreshments will be levied.

An apology to ERNIE COOPER and CESAR OBJIO for the delay on the Spanish version of the "Broadcaster's Guide to DX". We needed some veries in Spanish, which held things up for a while. By the time you read this the printer will be working on this DXing aid. (Pat)

We're holding yet another TRF modification article, and several station profiles sent in by Mike Hardester. Also, your typist will be doing the updater to the Reprint List this week. Depending upon how much space we have in next issue, it may appear later this month. (Pat)

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