



DX NEWS

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National Radio Club*

— SINCE 1933 —

Volume 47, Number 14 Monday, January 28, 1980

CPC TESTS

2/4 KG0E-850 Thousand Oaks, CA 0300-0500 ELT, 500 watts, non-directional. Mon. To include tones and very recognizable music. Reports to Bill Dawson, CE, KG0E Radio, 2524 Townsgate Road, Westlake Village, CA 91361. Arranged by George A. Santulli, NRC.

2/18 WROM-710 Rome, GA 0130-0230 ELT, 500/1000 watts--may use both powers. Mon. Tones and music with frequent IDs. Reports to John Steadham, CE, WROM, P.O. Box 1546, Rome, GA 30161. Note: Alternate test date if they can't go on 2/18, is Monday 2/25. Arr: Neil Zank, NRC.

2/18 KURL-730 Billings, MT 0201-???? ELT, 500 watts. Test format will likely Mon. include tones, frequent IDs and distinctive music. We hope they can go on for at least 30 minutes. Reports to Albert Ortman, CE, KURL Radio, P.O. Box 31038, Billings, MT 59107. Arranged: Pat Hartlage, NRC.

3/17 KMNS-620 Sioux City, IA 0130-0230 ELT, 1 kw. Will include 1000 Hertz Mon. tones, music, voice and code IDs. Reports to Steve Roberts, CE, KMNS, Box 177, Sioux City, IA 51102. Arranged by Wayne Heinen, NRC.

THEY JOINED

Thomas McWilliams, KI4N, P.O. Box 351, Melbourne, FL 32901
Mike Williams, 841 Milford Drive, Rossville, GA 30741
Harrison P. Reed, 123 Woodlawn Ave., Saratoga Springs, NY 12866
Bruce R. King, RD #4 Box 486, Easton, PA 18042

STATIC FROM HQ

In answer to recent inquiries about the availability of NRC stationery--NRC Publications Center has masters available at 50¢ per set of three. This also includes English & Spanish report forms. These may then be taken to your local printer for copying. Bill Coleman would like to notify everyone of a get-together at his place on Saturday, March 1st and Sunday March 2nd. For details write Bill at 114 Circle Drive, Rocky Mount, NC 27801 or give him a call at 919-443-7282. We'd like to thank Bill Bergadano for arranging the CPC Test from WHOL-1600 in Allentown, Pa. Unfortunately, we didn't get enough advance notice on this one to publicize it. The test was scheduled for January 22nd. Among the articles on hold here is a listing of North American loggings by John Allchin in New Zealand. Also in the mill per a recent call to Steve Bohac is a comprehensive update on several receiver reviews jointly authored by Chuck Hutton also. Your typist today is Gary Atkins with Dick Truax cutting and pasting. Pat is off with the flu and Ted is still away on his sabbatical.

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DEMISE OF THE 'TRF'

The bad news is official; Radio Shack has discontinued their TRF model. The model 12-655 was removed from stock lists in July and stores have received only what was left in the Charleston and Fort Worth warehouses since then. This supply was quickly exhausted and most stores have been out of stock since September. Radio Shack buyers and engineers in Fort Worth say this was because the factory in Taiwan that manufactured the TRF would not continue manufacturing at the present costs and a hefty price increase would have been necessary.

The good news is that there will be a new TRF, the model 12-656 which will also be called a Long Distance AM Portable radio. Radio Shack was able to find a manufacturer that could provide the units at a price that would enable RS to hold the list price at \$29.95. There was a sacrifice to be made, however; the Radio Shack people were quite candid in saying that the new TRF would not be quite the same quality radio as the old one. In order to maintain the same list price, it was necessary to use cheaper components and cut some corners. There will be only one sliding control on the new model, and no ceramic filter in the IF. There will be an extra IF stage in the 656, so selectivity is expected to be about the same as with the 655. It remains to be seen if this design will do as good a job DX'ing up to locals as the old model. By the way, the new TRF was not available to replace the old TRF because RS had a very difficult time locating a supplier of three-gang variable capacitors. Hams and hobbyists have had the same trouble over the last decade, and things are now quite serious when a large customer like RS can't even get anyone to manufacture them. The Fort Worth people predicted that the lifetime of the new TRF may be quite limited by this supply problem and think that in the near future there will be no TRF receivers made by any manufacturers at all.

The new TRF is expected to be in the stores in "30-40" days as of 1/12/80. The confidence level in this date is rather low, as Radio Shack says their new manufacturer has given them delay after delay because of production problems. In addition to the above-mentioned quality/engineering changes, there will also be some appearance changes. Luckily, the dial is expected to be the same type so DX'ers will have no trouble in ruling the dial for 10 or 20 KHz readout.

Based on the above information, it seems likely that the new TRF will not be the excellent performer that the 655 is. I decided to snatch up all the 655's available in the Atlanta area, assuming that other DX'ers would like the chance to snatch up a remaining unit before it was too late. Eight have been rounded up, with the promise of more being shipped to a central roundup point (a nearby RS store) within the week. All RS stores having a TRF in stock marked it down due to discontinuation of the model. Anybody wanting one of these radios may contact me. Price will be the standard list price of \$29.95. Checks may be made out to either me or the National Radio Club; profits (all) will be turned over to the NRC. In addition, I will install two ceramic filters in the IF stage for \$7 and align the RF and IF for \$5, with the proceeds going to the club. Please allow an additional \$1 for shipping.

-- Chuck Hutton--



DOMESTIC DX DIGEST

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

We welcome Tom Maki, Al Jones, Steven Paradies, Bruce Sherman and Eric Breen, new reporters to this section. We also ask that you send only DX from United States & Canada to this column. Loggings from The Carribean should go to IDX. John Allchin from New Zealand has sent us some very interesting observations from his location and should appear at the end of DDXD.

DX TEST

KEGG - Heard by JWb-PA

FREQUENCY CHECKS

- 1st Mon. KMTX-950 per list 12/79 (WH-CO)
- KQIK-1230 per list w/code IDs 1/7 (WH-CO)
- 1st Thu. KBIX-1490 per list (WH-CO)
- 1st Sat. KBTA-1340 per list w/500 cycle TT. (WH-CO)
- KPGE-1340 per list w/1000 cycle TT. (WH-CO)
- 3rd Tue. KBRX-1350 per list 12/79 (WH-CO)
- 4th Mon. KOZA-1230 TT only noted 11/79. (WH-CO)
- KPFDN-1340 per list 11/79 (WH-CO)

SPECIAL

- 790 KEKA CA EUREKA - New station now on the air. Noted first by Nancy 12/27 1932 w/local nx, many ments. of Humboldt County, wx 1936, Ai commentary & business nx to 1945 s/off way o/KGMI/KABC. Noted by Bill next morning 12/28 1123 w/DJ patter, jx, Pop mx, xnt, should be widely heard in West wherever 790 QRM isn't too much. (BH & NH-WA)
- 900 CKBI SA PRINCE ALBERT - AN NSP w/C&W mx. (WH-CO)
- 990 KNIN TX WICHITA FALLS - Now AN, SP unknown, suspect MM. (WH-CO)
- 1060 WKKQ MN HIBBING - 1/7 noted running AN MM for snow emergency, blizzard cx through MN & Dakotas. (ERS-NJ)
- 1250 WREN KS TOPEKA - NSP. (WH-CO)
- 1270 KIML WY GILLETTE - AN, NSP. (WH-CO)
- 1300 WING NJ TRENTON - 12/8 1620 EX-WTNJ, using new call. (AJ-NJ)
- 1350 KRNT IA DES MOINES - 12/23 AN this MM. (WH-CO)
- 1370 KSHY WY CHEYENNE - Format is REL w/0600 s/on. (WH-CO)
- 1390 KBLW UT LOGAN - Daily s/off is 0303. (WH-CO)
- KCEY CA TURLOCK - MM s/off is 0300. (WH-CO)
- 1420 KLUF TX LUPKIN - Now AN w/T40 mx, SP unknown. (WH-CO)
- 1580 KRZI NM WACO - CBS Net. (WH-CO)
- 1620 UNID -- ---- - 1/6 1600-1700 w/Greek mx, sounded to close to be a NYC Pirate, announcements also in Greek. (KR-CT)
- 1622 SBT -- ---- - 1/4 0206 very weak beacon, code, location unknown. (JDB-OH)

Other changes from WH-CO: KLBj-590 is now NSP w/T40
KTQN-1490 Format is T40/Pop noted AN 1/7

MIDDAY TO MIDNIGHT

- 540 WDMV MD POCOMOKE CITY - 1/1 1642 good w/"Top 54" of 1979 countdown. (JB-NY)
- WGTO FL CYPRESS GARDENS - 1/1 1737 weak w/DJ giving wx for next few nights. (JB-NY)
- 550 KTSA TX SAN ANTONIO - 1/1 2350 good u/KSD w/T40 mx. (PM-IL)
- 560 WFRB MD FROSTBURG - 1/1 1613-1615 strong w/C&W mx. (JB-NY)
- 580 WELO MS TUPELO - 1/1 2300-2330 xnt w/C&W mx o/WCHS. (PM-IL)
- WCHS WV CHARLESTON - 1/1 2345 good u/WELO w/C&W mx. (PM-IL)
- 600 WREC TN MEMPHIS - 12/27 poor u/CMGV w/"Total Radio" promo, ID but couldn't remember time. (PM-IL)
- 610 WIP PA PHILADELPHIA - 1/7 2220-2230 last 10 mins. of Flyers-North Stars game ending 34 game streak, local College BKB scores @ 2330, WSGN QRM. (BS-GA)
- 630 WJDB AL THOMASVILLE - 1/7 1745 o/KXOK w/sports, nx, & C&W mx. (LS-FL)

680 WCAW WV CHARLESTON - 1/2 1643 ID surfaced through mess. (AJ-NJ)
 690 WVOK AL BIRMINGHAM - 1/7 1752 loud w/IDs, area ments. (DR-CT)
 WYIS PA PHOENIXVILLE - 1/2 1635 w/prayers, ID & mx, new and should be a regular here. (AJ-NJ)
 730 WMNA VA GRETHA - 1/6 1729 s/off good w/FM plug, #12 on 730. (WPT-DC)
 740 WPAQ NC MT. AIRY - 1/6 1728 fair u/CBL @ s/off w/o SSB, #10 on 740.
 WBAM AL MONTGOMERY - 1/7 1750 fair w/CBL w/spots, C&W. (DR) (WPT-DC)
 760 WCPS NC TARBORO - 1/6 1658-1715 very good before WJR w/NC Net Nx, PSA's, ID, Rock mx w/Jeff Long, detailed 1715 s/off w/"Dixie" played in background. (RA-MA)
 780 WCKB NC DUNN - 1/7 1725 w/ID, ownership, detailed s/off, no SSB. (LS)
 UNID -- ---- - 12/27 barely audible voice announcements in WBBM null 1730-1815, hoping it was KCRL, but probably WJAG. (PM-IL)
 810 KCMO MO KANSAS CITY - 1/4 1734 "KCMO Nx" ID & wx, must have been before pattern change, cannot be heard at night. (BS-GA)
 WSJC MS MAGEE - 1/4 1749 spot for Magee Motors, many other spots, ID @ 1759, Pop mx. (BS-GA)
 820 WOSU OH COLUMBUS - 1/6 1833 Chamber mx to 1845, then s/off w/FM ment. WAIT s/off noted same time. (BS-GA)
 830 KBOA MO KENNETT - 1/7 1825 w/local and MO Net Nx. (LS-FL)
 850 KLEU IA WATERLOO - 12/28 1727 fair w/T40 mx. (TM-MN)
 WMAG MS FOREST - 1/1 1815 s/off noted w/ment. of "10,000 watt Country Voice." (EM-FL)
 WKIX NC RALEIGH - 1/7 1659 good w/wx, legal ID, mx. (SP-NJ)
 WJW OH CLEVELAND - 1/7 1710 good w/wx. (SP-NJ)
 860 WDMG GA DOUGLAS - 12/27 fair 2130 w/CJBC/SS station w/Rock, ID. (PM)
 CJBC ON TORONTO - 12/30 2350 1st time heard w/hockey scores in French. (EM-FL)
 KOAM KS PITTSBURG - 12/27 1852 xlnt w/Farm Nx. (PM-IL) 1/1 1830 many area ments, xlnt w/ID & temp. (EB-PA)
 880 KRVN NE LEXINGTON - 12/27 1658 fair w/ID & ment. of area towns. (PM)
 890 WHNC NC HENDERSON - 1/5 1658-1715 good w/spots, PSA's & complete local nx to 1715 s/off, no SSB. (RA-MA)
 900 CKDH NS AMHERST - 1/2 1720 dominant o/Barbados after WOTW/WKXA s/off w/local nx, promo for 4-H Club in Truro. Ground-wave is suspected as reception was from Boston waterfront @ a time when domestic skip below 1200 khz. seemed to be knocked out by auroral cx. (MC-MA)
 940 WMIX IL MT. VERNON - 12/26 1709 fair w/ads, T40 mx. (TM-MN)
 950 WJPC IL CHICAGO - 12/26 1623 good o/KRSI w/Soul mx. (TM-MN)
 WWJ MI DETROIT - 1/7 1805 "Wx for upper & lower MI"...rare here due to semi-locals WLOF & WGOV. (LS-FL)
 960 WERC AL BIRMINGHAM - 1/7 1757 w/local nx, ID, spots, good signal for 5KW. (DR-CT)
 970 WWIT NC CANTON - 1/4 1700 fair u/WWSW w/ID, UPI Nx. (JDB-OH)
 WVOP GA VIDALIA - 1/4 1720 good w/SID, sports nx by UNID Net. (JDB)
 WFUN OH ASHTABULA - 1/7 1652-1653 poor w/mx, pharmacy spot, jx. (SP-NJ)
 1000 WVOV AL HUNTSVILLE - 1/1 1730-1745 clear as a local. (JWB-PA)
 1/7 1728 in @ fair level w/wx, ID, MoR mx. (JDB-OH)
 WABT AL MONTGOMERY - 1/1 atop 1745-1800 w/wx & nx 1754-1800 s/off. If WVOV is good, Montgomery usually comes in good too for 15 mins. after WVOV s/off, have noticed this many times, WABT new call here, WQTY heard often. (JWB-PA)
 WKYB SC HEMINGWAY - 1/1 atop 1715, usual WCFL very much in background. (JWB-PA) 1/7 1730 good @ s/off, no SSB. (JDB-OH)
 1010 WXYQ WI STEVENS POINT - 12/28 1655 weak w/nx, ads, ID. (TM-MN)
 1050 WSCV NH PETERBOROUGH - 1/5 1643-1645 weak in WHN null w/partial s/off annmt. (RA-MA)
 WADC WV PARKERSBURG - 1/7 1655 poor w/end of spot, tentative w/nx, area ments. Little KYW slop. (SP-NJ)
 1060 UNID -- ----- - 1/7 1758 fair w/piano SSB from either GA or MS, any help? (DR-CT)
 1070 WIBC IN INDIANAPOLIS - 12/26 1610 weak w/ads & wx. (TM-MN)
 1080 WZTQ WV HURRICANE - 12/31 1702 weak w/local nx, wx. (JB-NY)
 WKGX NC LENOIR - 12/31 1709 noted w/ID during mx. (JB-NY)
 1110 WMBI IL CHICAGO - 12/26 xlnt w/ID @ 1630, Christian program w/"music for the Holidays." (TM-MN)
 WBT NC CHARLOTTE - 12/26 1653 good w/traffic rpt, ads, ID o/KFAB/WMBI, State #33. (TM-MN)
 WSPW NY SENECA FALLS - 1/6 1650 w/Doobie Bros. mx, ID: "In the center of The Finger Lakes." (KR-CT)

1130 KWKH LA SHREVEPORT - 1/7 1758-1802 presumed this w/Paul Harvey followed by Net Nx @ 1800, isn't Paul Harvey on Ai Net? (DR)
 1150 WJBO LA BATON ROUGE - 1/1 ID & promo for LSU BKB, fair @ 1928. (PM-IL)
 1190 KWMB MN WABASHA - 12/26 1701 fair/good in WOWO null w/Christmas mx & ID. (PM-IL)
 WJES SC JOHNSTON - 1/6 1745 new station noted weak in WOWO null @ s/off along w/WAVS s/off. WLIB off @ 1730 in January opens 1190 up for 15 mins. on EC. (RA-MA)
 1230 WCRO PA JOHNSTON - 1/8 1813 wx, T40 mx, xlnt atop channel before QSBing into GY heap. (WPT-DC)
 1240 WCAX IL SPRINGFIELD - 12/26 1645 good w/promo for Larry King debut on WTAX. (TM-MN)
 1280 WANS SC ANDERSON - 1/7 1735 SID then Pop mx, briefly noted. (DR-CT)
 1290 WWSA GA SAVANNAH - 1/7 1740 very good w/ment. of Top 30 Countdown Charts, address. (DR-CT)
 WDEC GA AMERICUS - 1/6 1800 s/off fair w/ments. of Americus, and plug for FM, #13 on 1290. (WPT-DC)
 1300 WJBR DE WILMINGTON - 1/2 1400 good o/others. (AJ-NJ)
 WMAK TN NASHVILLE - 12/26 fair/poor 1710 w/concert promo & "Magic 13" ID. (PM-IL)
 WBLG KY LEXINGTON - 1/5 1800 w/s/off after WSOL-s/off, clear, but weak. (EM-FL)
 WMTN TN MORRISTOWN - 1/7 1734 Morristown Federal Savings spot, area ments, C&W mx. (DR-CT)
 1310 KNOX ND GRAND FORKS - 12/26 1720 fair in partial WIFE null w/ID & mx, a surprise. (PM-IL)
 1330 WRRR IL ROCKFORD - 12/26 fair @ 1730 s/off. (PM-IL)
 1350 WNIS VA NORFOLK - 1/2 1730 loud w/ID & nx, heard from Rte. I-93 in Stoneham, MA. (MC-MA)
 WCMP MN PINE CITY - 1/7 1759 good @ s/off w/ment. of 92.1 FM, loud @ end w/SSB. (JDB-OH)
 KDIO MN ORTONVILLE - 1/7 1815 noted very good @ s/off, female annrc, no SSB. (JDB-OH)
 KBRX NE O'NEIL - 1/7 1830 fair in WSLR talk w/ID, sports, lotsa dead air. (JDB-OH)
 WSMB LA NEW ORLEANS - 1/7 1835 fair w/Pop mx, spots for McDonald's & Banks. (JDB-OH)
 1360 WBOB VA GALAX - 1/2 1729 fair amid QRM @ s/off, no SSB. (WPT-DC)
 1370 UNID -- ---- - 1/2 1715 s/off o/u WFEA sounding like WLTC (probably was, Mark.RA). High band skip @ the time probably very strongly favoring South. (MC-MA)
 WSAY NY ROCHESTER - 1/4 1950-1951 good w/mx, ID. (SP-NJ)
 1380 WYNK LA BATON ROUGE - 1/2 fair @ 1726 w/C&W mx. (PM-IL)
 WTOB NC WINSTON-SALEM - 1/7 1732 very good w/Twin City Wx, end of state & local nx. (DR-CT)
 1390 WEAM VA ARLINGTON - 1/4 1953 good w/International Nx, ID & wx, elusive little devil, 1st time heard in awhile. (SP-NJ)
 1400 WSGA GA SAVANNAH - 1/2 1743 atop w/Rock using the slogan "The Amazing AM." (JB-NY)
 WEST PA EASTON - 1/2 1030 weak w/ID thru other GYers. (AJ-NJ)
 1410 WDOV DE DOVER - 1/2 1038 long sought w/ID u/WHTG mx. (AJ-NJ)
 WGGM VA CHESTER - 1/5 1718 w/wx forecast of snow, "Inspirational Radio" mentions. (JB-NY) (SP-NJ)
 1420 WCOJ PA COATESVILLE - 1/5 1117-1118 poor u/WMVW/WDOV w/mx, spot, ID.
 1480 WMQM TN MEMPHIS - 1/4 1814 poor w/WSHP but briefly in w/ID & ment. of Memphis Chamber of Commerce. (EB-PA)
 1500 WGIC OH XENIA - 12/27 poor @ 1718 s/off. (PM-IL)
 1510 KMSD SD MILBANK - 12/26 fair @ 1744 s/off. (TM-MN)
 1520 WARR NC WARRENTON - 1/7 1703 good w/ID & Soul mx. (DR-CT)
 1540 WKTE VA RICHMOND - 1/1 w/ID @ 1700 & Oldies. (EM-FL)
 1550 WMOO AL MOBILE - 1/1 1816 o/WAAY w/s/off, no SSB. (EB-PA)
 WKBA VA VINTON - 1/1 1701 strong w/ID Jx. (JB-NY)
 WVAB VA VIRGINIA BEACH - 1/2 1718 actually stronger than power-house adjacents WPTR & WQXR; clearly dominant w/ID noted from Central Artery in downtown Boston. (MC-MA)
 CBE ON WINDSOR - 1/7 1645-1646 very good w/ment. of Ukrainian Christmas mx. (SP-NJ) (SP-NJ)
 WXVA WV CHARLES TOWN - 1/4 1715 strong w/tail end of ISSB, ID & off.
 1560 WAGL SC LANCASTER - 12/29 good 1708-1715 in WSHY null w/Insurance ad, Christmas mx. (PM-IL)

1570 WQTX AL SELMA - 1/4 1803 xlnt @ s/off w/no SSB. (EB-PA)
 WQTV PA LATROBE - 1/6 1715 s/off noted, 1KW ND. (KR-CT)
 WMES GA ASHBURN - 1/5 1758 s/off noted fair, #24 on 1570,
 "Heart of the great Southland." (WPT-DC)
 WSWV VA PENNINGTON GAP - 1/2 1742 hurried s/off by anncr, fair,
 no SSB. (WPT-DC) (WPT-DC)
 1580 WTWB FL AUBURNDALE - 1/3 1759 fair @ s/off w/ment. of Auburndale.
 KTGR MO COLUMBIA - 12/27 fair 1730-1735 w/ID, local nx & wx, #20
 on 1580! (PM-IL)
 KPIK CO COLORADO SPRINGS - 12/27 fair @ 1845 s/off. (PM-IL)
 WCCF FL PUNTA GORDA - 1/1 1804 xlnt o/crowded frequency w/s/off
 anncmt, SSB. (EB-PA)
 WPMP MS PASCAGOULA-MOSS POINT - 1/2 1814 fair w/Paul Harvey Nx to
 s/off w/FM mention. (EB-PA) (EB-PA)
 KPAC AR MARKED TREE - 1/2 1816 fair to good w/detailed s/off, SSB.
 WEYI AL TALLADEGA - 1/2 1815 poor @ s/off w/KPGA, others. (EB-PA)
 WESY MS LELAND - 1/4 1802 loud ID by loud DJ, "Citizen of The Day"
 promo...Soul mx. (BS-GA)
 WPGC MD MORNINGSIDE - 1/7 1701-1706 good w/mx & ID. Are they WPGC
 Greenbelt, MD yet? (SP-NJ) Didn't know they were skipping
 town!! (RA-MA)
 1590 WACD AL ALEXANDER CITY - 1/1 1800 w/quick ID, then gone, don't
 know if they signed off then. (PM-IL)
 WATM AL ATMORE - 1/1 weak @ 1815 s/off. (PM-IL)
 WMSO TN COLLIERVILLE - 1/1 1817 fair/good w/REL, then s/off. (PM-IL)
 WCCL MS JACKSON - 1/1 1822 good w/C&W mx, "CCL" ID. (PM-IL)
 WNYS IN BEACH GROVE - 1/1 weak w/ID @ 1830. (PM-IL)
 WXRS GA SWAINSBORO - 1/2 1745 good @ s/off w/no SSB. (JB-NY)
 WDBL TN SPRINGFIELD - 1/5 tentative @ 1759 s/off, full ID not
 heard due to heavy QRM but sunset chart & L @ end of
 call led to claim. (WPT-DC)
 WLFA GA LA PAYETTE - 1/6 1803 partial voice & singing s/off anncmt
 noted very briefly. (EB-PA)
 WJSO TN JOHNSON CITY - 1/6 1720 w/local nx, wx for Johnson City
 & Kingsport. (LS-FL)
 WHPY NC CLAYTON - 1/7 1702-1730 s/off w/WQQW, C&W mx, spots, ABC
 Sports @ 1726 to s/off by female announcer, no SSB. (RA-MA)
 1600 WMCR NY ONEIDA - 12/27 atop 1550-1600 while hunting WJSA, rare
 here. (JWB-PA)
 KMDO KS FT. SCOTT - 1/2 1745-1750 good w/wx, ID, market rpts. (PM)
 UNID -- ----- 1/4 1715 strong, but funny s/off, sounded like
 WAYC, then "That's all folks" Porky Pig style, no SSB.
 Who is this? (SP-NJ)
 WOKB FL WINTER GARDEN - 1/4 1820 poor w/Jazz, IDs. (EB-PA)

MIDNIGHT TO DAWN

540 WGTO FL CYPRESS GARDENS - 1/7 0115 strong on ET, "on for technical
 adjustments..." (KR-CT)
 550 KFYR ND BISMARCK - 1/1 0507 w/ment. of Airport. (JB-NY)
 WGR NY BUFFALO - 1/6 0130 phone-in program QRM'd by WGNG. (KR-CT)
 KSD MO ST. LOUIS - 1/8 0648 local nx concerning Belleville &
 St. Louis, "KSD Nxtime" ID. (BS-GA)
 560 WOOF AL DOTHAN - 12/31 0326 w/ID announcing end of ET. (JB-NY)
 KLZ CO DENVER - 1/1 fair 0400 w/WIND w/ID "56 Country." (PM-IL)
 WIS SC COLUMBIA - 1/2 0006 good w/WIND w/Larry King after ID. (PM)
 WJLS WV BECKLEY - 1/2 0007 fair u/WIND/WIS w/SID, then Rock mx. (PM)
 590 WOW NE OMAHA - 12/31 0258 o/CKEY talking to DXer who called from
 Long Island, ID on the hour. (AJ-NJ)
 610 WDAF MO KANSAS CITY - 1/4 0725 local & regional nx, sports & wx
 for "61 Country"...This is Charles Gray @ WDAF...ID @
 0730. (BS-GA)
 660 WNBC NY NEW YORK - 1/7 off and ETing w/TT/OC 0130. (KR-CT)
 UNID -- ----- 1/7 0130 songs "My Way" & instrumental "Song
 Sung Blue. (KR-CT) Maybe WNBC playing mx on ET? (RA-MA)
 690 WVOK AL BIRMINGHAM - 12/31 0253 good on ET/C&W mx. (AJ-NJ)
 710 WOR NY NEW YORK - 12/17 0115-0250* noted off. (AJ-NJ)
 740 KRMG OK TULSA - 1/5 0359-0400 poor w/mx, ID @ 0400, my furthest
 catch yr. to date. (SP-NJ)
 850 WEAT FL WEST PALM BEACH - 12/3 0200 weak w/ID. (AJ-NJ)

910 CKLY ON LINDSAY - 1/6 0010 fair u/WRCQ w/wx, ID & C&W mx. (DR-CT)
 KINA KS SALLINAS - 1/6 TT/PoP 0220-0235+ good w/KPOF off. (WH-CO)
 920 CJCJ NB WOODSTOCK - 1/1 0536 w/wx foe western NB. (JB-NY)
 950 WSPA SC SPARTANBURG - 1/1 xlnt 0305 w/"Information 95, WSPA
 Spartanburg" ID after CBS Nx, then back to Larry King. (PM-IL)
 960 CHNS NS HALIFAX - 12/23 0118 w/Radio 96 IDs...promos. (AJ-NJ)
 970 CBZ NB FREDERICTON - 1/1 0509-0522 w/nx, wx, ID @ 0521. (JB-NY)
 980 WAAA NC WINSTON-SALEM - 12/17 0313 on ET/ID in messy frequency,
 think they stayed on w/mx. (AJ-NJ)
 CFPL ON LONDON - 12/17 0327 weak in jumble w/ID. (AJ-NJ)
 WONE OH DAYTON - 12/17 0329 just an ID again in mess, 3 new
 ones on 980 in 18 mins. (AJ-NJ)
 KMBZ MO KANSAS CITY - 12/31 0406 very strong for a real surprise
 w/"KMBZ Editorial" in which they told everyone how great
 they are and why they should be listened to. (JB-NY)
 Nice catch, Jerry! (RA)
 990 WNOX TN KNOXVILLE - 12/17 0330 dominant w/WZZD off. (AJ-NJ)
 KNIN TX WICHITA FALLS - 1/1 0335 fair/good o/WNOX w/T40 mx, ID. (PM)
 1060 ---- NC MEBANE - 12/31 noted on ET/TT 0204 followed by a record
 (female vocalist) @ 0205. Log sez WQWX but ID 0204 sounded
 like WNHI, new call? (JB-NY) Karl Jeter, take note,
 this might have been one of your UNIDS on 1060 you
 reported not too long ago. (RA)
 1070 WPLI TN LOOKOUT MOUNTAIN - 12/17 0138-0206 loud on ET. (AJ-NJ)
 12/31 strong 0200-0235 w/ET w/Disco mx, said in ID they
 were using 50KW day power. (JB-NY)
 KNX CA LOS ANGELES - 12/31 0339 "KNX Nx Central @ 12:39" ID.
 Nulled strong WIBC, good for about 10 mins. to fade. (BS-GA)
 1250 WTMA SC CHARLESTON - 1/7 MM 0358-0413 weak in CHWO null w/rr,
 many IDs, WTAE on their SP. (RA-MA)
 1260 WWDC DC WASHINGTON - 1/5 0331 good w/mx, ID, taking requests. (SP-NJ)
 1290 WQIN PA LYKENS - 1/6 0600 just did get ID @ s/on along w/s/ons of
 WKNE & WCCC, very weak & briefly noted. (RA-MA)
 1320 WKTQ PA PITTSBURGH - 12/31 0309 YL bragging about Steelers
 during phone-in show called "Q-IN"...333-9313. (BS-GA)
 1330 WTRX MI FLINT - 1/6 0201 good w/ID, rare here. (JB-NY)
 WDLW MA WALTHAM - 1/6 0205 w/C&W mx using slogan "Boston's Best
 Country." (JB-NY)
 1360 KRRR NM RUIDOSO - 12/4 0200-0230 noted on ET w/TT/Code IDs. (WH-CO)
 1390 WLAN PA LANCASTER - 12/22 0607, ID u/WFBL & others. (AJ-NJ)
 1/7 noted on AN this MM weak u/WFBL/WCSC. (RA-MA)
 1400 WTSL NH HANOVER - 1/7 0400 good w/ID, CBS Nx, Pop mx before Nx. (DR)
 WYSL NY BUFFALO - Correction: In 1/7 DDXD this station heard
 @ 0230 & WILLI was off from 0202, not 2230 & 2202! WILLI
 is 24 hrs. anyway, I can't believe I typed that! (DR-CT)
 You didn't type it...in a check of my old reports, I
 incorrectly typed your initial logging, my apologies &
 I stand corrected Dave. (RA-MA)
 1410 CFMB PQ MONTREAL - 1/6 0325-0338 mixing w/CIGO/KQV w/BFL instrumental
 mx & ID in EE @ 0330, WPOP off. (RA-MA)
 1420 CKPT ON PETERBOROUGH - 1/6 0400-0412 in SM WBSM SP w/WHK, fair
 w/ID, Nx, wx, T40 mx. (RA-MA)
 1430 CKFH ON TORONTO - 1/5 0318-0323 good w/ID, mx. (SP-NJ)
 1480 WCIN OH CINCINNATI - 12/17 0221 surfaced w/ID thru WJIT SS,
 sounded like talk format. (AJ-NJ) (JWB-PA)
 1530 KUUY WY CHEYENNE - 12/31 very poor w/slop from both sides 0150-0200.
 WTI GA DALTON - 12/10 0205 ET/ID/mx, easy w/WCKY off. (AJ-NJ)
 1550 WDLR OH DELAWARE - 12/10 0123 ET?...GTE ad, ID, mx: (AJ-NJ)
 WMOO AL MOBILE - 12/10 0133 good "conducting XR & equipment tests.(AJ)
 KQWB ND FARGO - 1/2 fair/good w/ID @ 0300 announcing beginning
 of simulcast w/FM @ this time. (PM-IL)
 1560 WPAD KY PADUCAH - 12/3 0120 good w/discussion of KY-Iona BKB game
 u/WQXR OC, KKAAT ET. (AJ-NJ)
 KKAAT SD ABERDEEN - 12/3 0120 on ET this MM & often lately. (AJ-NJ)
 1/2 w/ID 0158 fair w/WPAD off. (PM-IL)
 KCJJ IA IOWA CITY - 12/10 0318 ID surfaced thru TT, ID @ 0325, too.
 (AJ-NJ) 12/31 0407 w/sports, ID, Holiday greetings, weak
 but alone. (BS-GA)
 1570 CKLQ MB BRANDON - 12/3 0055 u/XERF, no CKLM, IDs, "Q Country Nx."
 MB #1, Province #8. (AJ-NJ) CKLM off that morning Al. (RA)
 1580 KLOU LA LAKE CHARLES - 1/2 0147 good w/T40 mx, IDs, u/UNID TT. (PM-IL)

JB-NY	John L. Allchin, Remuera, Auckland, New Zealand	RCA 86T, GE TRF, LW
JWB-PA	Jerry Bond, Rochester, NY	A2515, LW, Loop
EB-PA	Joe Brauner, Punxsutawney, PA	TRF, BCR-101, LW
JDB-OH	Eric Breon, Middletown, PA	FRG-7, Sanserino Loop
MC-MA	John D. Buehler, Toledo, OH	Pinto Car Rx, Whip Ant.
BH-WA	Mark Connelly, Boston area	FRG-7, Sml
NH-WA	Bill Hardy, Aberdeen, WA	FRG-7, Sml
WH-CO	Nancy Hardy, Aberdeen, WA	RBB-4, Q-5 w/BC-454, MW-1, LW
AJ-NJ	Wayne Heinen, Colorado Springs, CO	HQ-145X, LW
TM-MN	Al Jones, East Windsor, NJ	ICF-6700W, LW
PM-IL	Tom Maki, Duluth, MN	TRF, Select-a-Tenna
EM-FL	Pat Mason, Mahomet, IL	TRF, ICF-5900
SP-NJ	Ed Mitkus, Tampa, FL	TRF
DR-CT	Steven Paradies, Millville, NJ	TRF
KR-CT	Dave Rukakoski, Brooklyn, CT	TRF
LS-FL	Konstantine Rychalsky, Bridgeport, CT	AM-FM Radio
BS-GA	Dr. Lance Sang, Jacksonville, CT	R-390A, DA-5
ERS-NJ	Bruce Sherman, Stone Mtn., GA	SPR-4, Loop
WPT-DC	Elliot R. Straus, W. Orange, NJ	R-390A, Loop
RA-MA	William P. Townshend, Washington, DC	TRF
	Ray Arruda, Acushnet, MA	DC SX-122, Toilet Seat

DX'ING L.A./CARIBBEAN--CORRECTIONS

39. French Guiana. The reported 0930 s/on time is doubtful. SW DX bulletins several months ago report receptions at and after 0900 which agrees with what I heard on the SW freq several years ago. During early morning reception I recommend checking // 3385 kHz which should be heard in the clear except for a Papua New Guinea station on the same freq. Cayenne runs a tone test for a few minutes prior to an IS and anthem. I tentatively had the tone on 1070 once but too weak for audio. I would have to agree, an evening auroral reception seems more likely. However evening 3385 reception seems quite difficult for most.
46. Falkland Islands. This is a fascinating item due to the interest in the SW operation here. Within the past year, the 2370 kHz outlet increased power from 500 watts to 5 kW, thus it is occasionally heard in North America and northern Europe. The most recent 2370 receptions were on 29 and 30 December 1979 when I and several other DXers got readable audio from them. Generally this is noted only during disturbed geomagnetic cx; during my reception the K-index was five. During North American winter, reception is possible only after roughly 0030 as sunset at Stanley comes roughly at sunset on the West Coast, or just after it. During summer in North America, reception has been reported just after local sunset on to signoff, as the Stanley sunset is much earlier. The listed and reported signoff is 0130 six days per week and 0030 Monday, which of course is local Sunday night. Reception on 2370 in winter seems to peak around 0100 on the occasional nights when it is heard at all. Occasionally, however they are reported on as late as 0200. This would give the probability of a favorable darkness path covering just about the whole U.S. in winter with the narrowest reception "window" occurring on the Pacific Coast, just at LSS. The authoritative Danish SW Club's Tropical Bands Survey (which covers stations worldwide in the 2000 to 5900 kHz range) lists no favorable morning schedule for this station. They are on briefly in mid-morning, well past fadeout time, and in the afternoon and evenings to 0130 as detailed above...don't get up at 5 AM your time for this one! It follows that anyone who even thinks he is hearing them on 536 should definitely check 2370 as well, which is in itself considered a top-drawer catch by many. Just be sure to tape audio from BOTH frequencies, establishing the difference in reception "sound" lest you be accused of SW-ing it. Remember that the "British colonial" type stations check reception reports probably as thoroughly as anyone does. And F.I.B.S. is reputed to be very fussy about what they will and won't accept for a QSL. Any 536 reception claim would have to be thoroughly documented in view of the 2370 reports they're getting now. With that out of the way, it "seems theoretically possible" that exceptional conditions, a quiet receiving location and a properly pointed Beverage wave antenna "could" bring in 536 reception when 2370 is making it in at the same time, earning the lucky DXer a place in the record books. For this one, good luck! For information...the 536 frequency as best I know is unconfirmed by actual DXer's monitoring although it is consistently reported/listed by official sources. The 2370 kHz freq is accurate to well within 100 Hz as verified by measurement, being nearly zerobeat with a crystal divider marker standard. Stanley is approx. 6500 statute miles from New York at a 170° bearing. Programming is a variety of record shows, drama, BBC World Service news relays, shipping news etc, all in EE.

* * * * *
Receiving location is central Nassau county (not on the water, 110 ft. A.S.L.) on Long Island 30 km east of N.Y.C. Receiver Hammarlund HQ-150. Antenna primarily a 40 foot outdoor wire; occasionally a ferrite core loop is used.

-- by Bob Foxworth

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.

DX'ing From Hawaii-Gene Martin

The most impressive thing about DX'ing from Hawaii is to observe the overwhelming of North American stations as sunset occurs at the western shores of the Pacific. It would take years of exploration there for the US DX'er to identify many of the Asiatics that are heard, but their supremacy over mainland stations can not be missed. After all, the 50 kilowatters from such places as British Columbia, Washington, Oregon, and California are small potatoes compared to the massive power being used in Japan, Siberia, China, and Korea. From December 9 to December 16 I tested the mid-Pacific DX'ing climate from Puako Beach, the NW corner of Hawaii-the big island, as it is called. Clearly the best US signal there comes from KPNW-1120, a station rarely heard in Denver, and never with any strength. KPNW was also number one as heard from Maui in December 1978. At a certain time each night, the DX'ers frame of reference begins the change from the familiar 10 kHz channel spacing of North America to the Asiatic 9 kHz spacing. The band becomes a mess of hets and it's hard to figure out who is who. At 1205 GMT December 15, I taped a band scan from 540 to 1600 KHz lasting two minutes and 33 seconds, and more than 50 whistles can be heard on the tape. This was 2:05 AM in Hawaii, so there was no TVI generating its whistles across the BCB. You can't figure out exactly where you are on the tape although you hear all the Hawaii stations as I pass over them. First one is 550, then 590, then 650 and so on. This location was 160 miles SE of Honolulu and the Honolulu stations still sounded like locals. It was amazing, especially the horrid sideband splash from KGU which must be modulating at 200 percent!

Another incredible thing to hear is Radio Moscow's World Service in English, Chinese, and other languages on 720 KHz. When first heard, it was equal in strength to KUAL on the same frequency more than 200 miles NW. KUAL signed off at 1115 that night (December 13), then you heard KDWN and Moscow together for a while. By 1205, Moscow had blotted out all traces of KDWN, and was the strongest signal on the band between 690 and 760 (KXUA and KGU). Yes, stronger than Japan at 747! I wonder if this is the Soviet transmitter that was on 648 with a million watts, and am also curious about what English-speaking audience the Russians are trying to reach on this frequency, Alaska? Hawaii? The US military in South Korea? Dx'ing was on a GE SuperRadio feeding a Sony tape recorder.

(I don't think any definitive information has been uncovered as to location, power, or intended audience. 648 Russia is still on-CH)

I am holding a truckload of feature material from Ron Schatz, Pete Taylor, various DX clubs, a note from Charlie Taylor, and a handful of foreign veries. I'll get them next time hopefully.

Please do not call after 10 PM Eastern time, no exceptions absolutely whatsoever anytime during the week. Anytime on the weekends is OK. I am up at 4:30 AM these days and at work by 5:30 or 6:00 AM, so to get some sleep I have to be in bed early. Also, I will be working second shift for an unknown but short duration sometime in the near future. Should you call and I'm not home, leave your name and number and I'll call you back on WATS the next night. It'll be back to days at work if a few things can get taken care of quickly on nights.***Late note: Capital Radio's 604 xmtr in Transkei blew up 1st day on (12/26) !! 100 kw now-CH

THE COLUMN

- 523.9 UNID weak carrier noted twice during week of 12/2 at 0330. Detectable only on inverted-L so no DF. No ideas. (Thomas) Since it was so weak I guess TICAL isn't a possibility but they were down below 525 in early December-CH

527 COSTA RICA TICAL R. Rumbos, Cartago good w/ID 0530 12/20, bad
 net from beacon NB-530. (Yocis-CT)

535 GRENADA Mourne Rouge best signal ever from this one; EE s/off
 as Radio Free Grenada 0400 12/20. (Yocis-CT)

540 NICARAGUA YNOW Managua w/several ID's as "YNOW R. Corporacion...
 540 KHz...en Managua, Nicaragua". 12/29 1042-1047 poor-fair. (Carr)

540 VENEZUELA YVUV Villa del Rosario w/mx and R. Perija 1D's 1/6
 0724-0733, poor-fair. (Carr) 11/19 0608-0629 strong w/LA mx and
 frequent 1D's as R. Perija, "canal de oro de Venezuela".
 (Ewenstein) Now rules this frequency, loud and clear w/ID 0550
 12/17. (Yocis-CT)

550 CUBA CMAN Pinar del Rio atop w/LV de Cuba 1D 0531 12/20. (Yocis)

555 ST. KITTS ZIZ Baseerre 0406-0438 w/calypso mx and announcements
 in EE. (Ewenstein)

570 CUBA Santa Clara CMHI dominant w/usual SS nx programming, ID
 mentioning Cuba; totally obliterating WMCA 2300 1/4. (Connelly)

575 COSTA RICA R. Nacional TIRN good through slop 0123 12/20. (Yocis)

576 UNID DU carrier briefly strong w/MOR 1255 12/26 but gone by
 1300. (Brown)

580 CUBA R. Rebelde here 0626 1/4 at strong level but not equal to
 500 KHz outlet. No Rebelde on 590. (Thomas)

590 CUBA CMHW San German w/LV de Cuba 1D 0653 1/7. (Yocis-M1) Must
 be back now; they were off in December and early January-CH

600 CUBA at last!! SS noted through WICC super-local, super-NSP 0555
 12/17. Never been so pleased to hear a superpower Cuban. (Yocis)

612 UNID fair DU carrier 1250 12/26 on one of the better days of
 the past month which isn't saying much. (Brown)

620 NICARAGUA YNM Managua w/mentions of "revolucion" and "Sandinista"
 then ID as "LV de Nicaragua... en 620 KHz" 12/29 1013-1019 good-
 poor. (Carr)

630 COLOMBIA HJFV Manizales fair u/the cuban 0540 12/17. (Yocis)

640 GUAYELUPU/SURINAM Arnouville good w/man in FF, then big band mx
 atop Paramaribo which had Oriental mx resembling Khachaturian's
 Sabre Dance 2256 1/4. SS st (CMQ or YVQ0) also mixing in at
 times. (Connelly)

650 DOMINICAN REPUBLIC HIAAT Santo Domingo loud w/Donna Summer's
 "Hot Stuff" 1/7 0722-0725. They lowered themselves playing that
 junk. (Bergadano) Tolerance, tolerance...CH

650.5 UNID poor carrier hetting WSM 0450 12/17. Briefly produced EE
 disco and SS male audio and seemed to be looped Caribbean.
 Maybe HIAAT? (Thomas) I don't think so, every time I've heard
 them recently they have been right on freq-CH

660 MEXICO XERPM Mexico City w/LV de la Gran Ciudad 1D:0647 1/7.
 (Yocis)

660 MEXICO XEFU Muacuspana booming in during WNBC SP w/SS mx 1/7 at
 0653-0655. XEFU is not owned by Felix Unger, hi. (Bergadano)
 I wish I could remember who Felix Unger is..... Since you made
 no mention of an ID, what makes you think this isn't XERPM, the
 only XE reported here? Macuspana on 660 is listed as XERPM in
 WRTH '79, with XEFU on 630 in Cosamaloapan. But then the "Mexico"
 section of WRTH doesn't even list XERPM.....CH

670 CUBA San Pedro de Cacocum R. Progreso good 0615 12/17 w/usual
 EZL fare. If this is 150 kw, it is directional away from me;
 690 is best Progreso here. (Thomas) Well, I don't think 670
 is 150 kw but probably only 10-50 kw. They certainly don't have
 the signal 690 does. To the best of my knowledge, no Cubans
 use directional antennas. Does anyone know better? CH

680 MEXICO XEZN Celaya w/US oldies and R. Mundo ID 1/6 1309-1317,
 fair u/KKYX (listed in the Mexiglen list) (Carr)

680 PUERTO RICO WAPA good o/u CPTB, WRKO off 0701 12/31. (Yocis-CT)

699 UNID powerful het on WLW. I can't believe this is Valverde if
 it is only 1000 watts. (Yocis-CT) Well, it is and they are.
 Sometimes they are really strong, other times they just don't
 make it-CH

700 COLOMBIA R. Sutatenza Cali fair u/WLW 0120 12/13. (Yocis-CT)

700 JAMAICA JBC Montego Bay w/talk, mx and ID "JBC Radio One... the
 most music" 1134-1141 12/29, poor-fair o/u WLW. (Carr)

725 SURINAM SRS Paramaribo 0445 w/unid lingo u/Costa Rica. Thought
 they s/off 0300, this on 12/19. (Yocis-CT) 0330 WRTH says but
 if you heard them, then you heard them....CH At smashing level
 w/reggae female vocal in an Asiatic lang 2253 1/4. SRS-725 was
 the strongest signal heard between locals WRKO-680 and WEAN-790!
 The low-band skip domestics were knocked out aurorally several
 nights for the first 2 hours after sunset; at the same time

(725, continued) short skip prevailed above 1200 KHz. Strong
 short skip domestics also took over on the lower end of the band
 later in the evening. European TA's were poor. (Connelly) 1/5
 0348-0434 w/EE pop mx and s/off at 0434. In well but not as good
 a signal as 1/4850. (Ewenstein)

740 MONTSEERRAT Plymouth R. Antilles took over the channel at 2230 on
 1/4 w/FF talk; previously an unid Dixie domestic w/religious
 talk had dominated; CBNM/CBL aurorally blocked. (Connelly)

747 UNID TP carrier showing 11/24 1200 and 11/28 1215 on new 320°
 Beverage. (Brown) If you haven't received the toroid I promised
 you, it'll be there soon-CH

750 VENEZUELA YVKS Caracas w/US hits and R. Caracas 1D's 12/29 0932-
 0940 poor u/WSB. (Carr)

755.3 COSTA RICA San Jose making what has become a rare appearance 0407
 12/29. (Thomas)

756 NEW ZEALAND 1YA Auckland at least some signal consistently most
 every day during the past month despite the fact that even closer
 Pacific stations don't show. (Brown)

760 COLOMBIA HJAJ LV de Barranquilla apparently on freq 0133 12/13,
 good in WJR null. (Yocis-CT)

765 SENEGAL Dakar good w/man in clipped FF 2229 1/3. AA chant super-
 loud at 2231 on 1/4. (Connelly)

768.8 UNID just a carrier hetting 770 at 0650 12/17. Subject to very
 deep fades. No ideas. (Thomas)

770 EL SALVADOR YSKL San Salvador w/several "Radio Cadena YSKL" ID's
 and frequent mentions 12/24 1031-1041, fair-poor. (Carr)

780 BRITISH VIRGIN ISLANDS ZBV1 Roadtown at local level w/islands mx,
 nx by man in Caribbean EE 2232 1/4. (Connelly)

780 VENEZUELA YVOD San Cristobal w/TC and "Ecos del Torbes" ID before
 each song, 12/29 0917-0929 poor u/WBEM. (Carr)

800 NETHERLANDS ANTILLES blasting away, CKLW not audible even in PJB
 null 0136 12/13. (Yocis-CT)

805t ECUADOR Quito HCFV1 most likely the weak SS here 0633 12/15.
 HCRH2-605 and HCMJ1-615 good at the time. (Thomas)

810 BAHAMAS ZNS3 Freeport w/EE in WGY null 0431 12/19. (Yocis-CT)

819 ANDORRA poor w/FF u/WBAP slop 0514 12/30. (Yocis-CT)

820 COLOMBIA HJED Cali w/ID u/unid LA 0649 12/30. (Yocis-CT)

825 COSTA RICA finally ID'ed o/Panama w/"Titanis" ID's, usual female
 DJ 0430-0434 12/19. (Yocis-CT) Odd, most people hear only Titanis
 and struggle to hear Panama-CH

828 UNID TP carrier briefly strong 1155 11/28. (Brown)

830 COLOMBIA HJDM Medellin w/RON ID's 0647 12/30. (Yocis)

830 HAWAII Honolulu KIKI booming in 12/3 1247, rock w/female. (Brown)

834 BELIZE R. Belize 1/7 0501-0513 with EE/SS nx, EE invocation, s/off
 and NA. Heard several times this past week. (Ewenstein) First time
 in awhile 0430 12/19. (Yocis-CT)

860 DOMINICAN REPUBLIC HILR R. Clarin is alive and well, blasting in
 w/ID 0513 12/17. (Yocis-CT) Maybe alive but certainly not well;
 they have xmtr's down for lack of funds with others (supposedly
 including 860) at reduced power. Allegedly they relied on the
 previous administration for assistance in paying the power bills,
 etc. and are now in a real bind-CH

880 GUATEMALA TGU Guatemala City w/SS male poor u/WCBS to 0700 s/off
 1/6. (Yocis-M1)

880 PERU R. Union 11/26 0629-0630 with bank ad and ID as "Union...
 voz del musica". Heard briefly this AM with local WCBs off.
 (Ewenstein) Nice! That makes two east coast receptions of this
 in the past few months-CH

882 UNID TP carrier 1225 11/23. (Brown)

900 CUBA CMJV Ciego de Avila w/SS annts, 1D at 0300 12/26, way o/
 CHML, another wonder of modern technology! (Bergadano) (The only
 wondrous thing about them is the fact that they are only 50-100
 Hz off frequency, real precision frequency adjustment for a
 Cuban! CH) w/"LV de Cuba" pgm 0901 1/6, poor u/XEW. (Carr)

914t SURINAM het on WJAR-920/WABI-910 2250 1/4. (Connelly)

920 CUBA this new R. Reloj outlet owns the channel in central FL.
 Noted 0627 12/25 during Christmas vacation in Tampa. (Thomas)

930 COLOMBIA HJCS R. Contiente, Bogota fair o/WPAT/WBEM 0510 12/24.
 (Yocis)

940 COLOMBIA HJGB R. Eco o/Cuban Minute Man 0643 12/30. (Yocis-CT)

940 CUBA CM?? Reloj Nacional w/usual nx, good, alone 0638 MM 1/7.
 (Yocis-M1)

1000 COLOMBIA HJAR Cartagena noted in passing, loud o/WCFL 0628 12/30
 (Yocis-CT)

1020 COLOMBIA HJZD Monteria w/mx and ID's as "Radio Panzeria en Colombia", poor-fair 12/24 1104-1111. (Carr)

1040 COLOMBIA HJAI Barranquilla/HJGJ Bogota alternating here 0630 1/6 w/WBU off; mucho CHUM slop. (Yocis-MI) w/CARACOL ID and TC, also "Radio Tropical" ID along w/mx, poor u/YVLB 12/30 1015-1023. (Carr)

1040 COLOMBIA HJGJ Bogota w/"Radio Super de Bogota" ID and TC before each song, good 1/6 0841-0851. (Carr)

1040 VENEZUELA YVLB Valencia w/mx and "LV de Carabobo en Valencia, Venezuelano" ID fair o/HJAI 1009-1027 12/30. (Carr)

1050 MEXICO XMG Monterrey has "Mexican National Hour" in SS each Sunday night from 2200-2300 (CST)...noted in passing. (Thomas) (All Mexicans carry "La Hora Nacional" Sunday nights-CH)

1060 CUBA Habana fair to good as KYW and WHN were off, another wonder or are they really 1 kw? (Bergadano) if you had R. Enciclopedia, no way they are 1 kw. Check the Cuban list from last year's DAN; I think it says 5 kw which seems right-CH

1061 PORTUGAL Norte poor-fair w/het on KYW and bits of cl mx, 2447 1/4. (Connolly)

1071v COLOMBIA HJAG Barranquilla w/ID "En Barranquilla, Colombiana... Emisora Atlantico, HJAG...1070 KHz.....vaticos de potencia....", lots of mx and ID's, fair 12/24 0754-0802. (Carr)

1080 MEXICO XEAU Monterrey w/mx and several ID's as "Radio A-U, U de Mexico", fair-poor o/u ARLD 12/27 2335-2340 (listed in the Mexiglenn list). (Carr)

1088 UNLD African suspected w/2 KHz low side het on WBAL, 2245 1/4. (Connolly)

1090 COLOMBIA HJIA Manizales w/"Ondas del Navado" ID at 0847, fair w/mx 12/24 0843-0853. (Carr)

1100 COLOMBIA HJAT Barranquilla R. Reloj w/lively mx. This must have raised power around September 1 as they have been heard regularly even in MI since then. This at 0625 12/30. (Yocis-CH,MI)

1100 MEXICO XEBD Perote w/s/off at 0104, came in clear w/"X-E-B-D Radio (Ah-lah-vee-ah) en 1100 kcs...." 12/27 (listed in the Mexiglenn list). (Carr)

1110 COLOMBIA HJEW Cali topping the channel w/WBU off, loud 0712 12/30. (Yocis-CT)

1110 VENEZUELA YVQT Carupano w/"Este es Radio Carupano" ID at 1000, poor-fair u/KFAB, 12/29 1000-1006. (Carr)

1140 CUBA CM?? (Location?) 12/31 2344-2353 poor-fair o/u XEMR w/"Radio Cadena Habana" ID at 2349. (Carr)

1160 CUBA Artemisa fair w/NA over KSL at 0700 1/6, is this DA? If so I can understand why I never heard him before. (Bergadano) I think you heard the new Radio Cadena Habana outlet here, rather than Artemisa. And to the best of my knowledge, no Cubans use DA's. CH

1160 DOMINICAN REPUBLIC Cotui HIDE 12/27 from 0142-0200 w/"Radio Landia" ID at 0159. Vane Jones lists them as 100 watts; WRTH says 5 kw. Who's right? (Bergadano) (If you heard Radio Landia ID's this is HIBG Santiago with 5 kw. Vane Jones is wrong more often than not for foreign stations-CH) w/"Radiolandia" ID after each song, fair/poor o/u KSL 12/25 0752-0816. (Carr)

1160 DOMINICAN REPUBLIC HIBG well atop the HJ's, first time here 0730 12/30 w/ID. (Yocis)

1179 UNLD het here in xint NB-NF cx but no other TA's audible, 0003 12/12. (Yocis)

1180 VENEZUELA YVNI Ciudad Ojeda w/"Radio Petrolera" jingle and ID before each song, fair 12/31 0734-0806. (Carr)

1197 WEST GERMANY Munich VOA 1/7 0611-0651 bombing in w/English to Africa; if they are in WG why the African Service? Did they get the proposed 2.4 MW? If so I guess they might cover Africa, hi. (Bergadano) They're not superpower now and can only guess they were relaying a VOA pgm to Africa by accident-CH

1197 UNLD apparent AA talk and strong het against the LA's on 1200; perhaps the Moroccan, 2246 1/4. (Connolly)

1200 COLOMBIA HJNF Cali poor u/YVOZ w/"Radio Super...." ID 12/24 0859-0907. (Carr)

1200 VENEZUELA YVOZ Caracas not bad 0620 1/7. (Yocis-MI)

1205 CAYMAN ISLANDS Georgetown 12/21 0231-0355 pop mx and BBC nx at 0300. (Ewenstein)

1210 UNLD tentatively thinking this may be R. Caribbean International, Heard FF talk during mx from 2347-2351 on 1/3. Mx was definitely Caribbean and talk was nothing but French. Possible ID at 2347. Interference from KGMV made it more difficult. (Carr) Either RCI (if the hurricane doesn't have them off the air still, or R. Progres, Haiti-CH

1349 MAURITANIA Nouakchott loud w/bits of AA wailing; bulldozing WRIS w/a fierce het, 2231 1/3. (Connolly)

1360 MEXICO XEAF Iguuala w/ID as "X-E-K-F, Radio K-F ...en Iguuala.." poor 12/31 1018-1028. (Carr)

1413 OMAN Masirah Island BBC, 12/19 1706 male w/nx in EE, rr mx QRM from JOIF, noted again without QRM 1723 w/opera mx, then male mentioned that it was time to leave Paris (??-CH). (Vernon) (Very nice reception!! CH)

1415.8 UNLD just a carrier looped Caribbean 1005 12/31. An HI is supposed to be here I think. (Thomas) R. Marien-CH

1440t LUXEMBOURG unid #H stn in WPTQ semi-local null, no FFC's or domestics that would carry foreign language pgms, bad fades 0635 12/22. Are they on the air at this time? (Yocis-CT) They sure are and Connolly has heard them on 1440-CH

1458 ENGLAND R. Manchester 12/18 0620 noted //Radio Two, 0625 shipping forecast also carried on 1089. Manchester cut in w/s/on at 0629 then up and About 0630 w/another male giving first headlines of the day. Shipping forecast according to WRTH is only on LW. (Vernon)

1467 HONOLULU TWR 12/10 strong from 0456-0514 in GG w/sermon and choir mx, IS one time at 0514½. (Ewenstein)

1476 NEW ZEALAND H. Hauraki, Auckland 12/19 1054-1134 rr pgm, 1058 male anncr gave TC and run-down of records to be hrd the next hour, 1100 6 pips o/mx, 1133 PSA for Hauraki Christmas Toy appeal, 1134 disco record "Summer in the City with Hauraki" (or "Winter in the Bush", hi), nice tune. Poor signal but very steady. (Vernon)

1476 USSR Lvov Program Two 12/19 1629 again w/Mayak IS noted u/Austria but no other audio yet from this. (Vernon)

1476 USSR Vladivostok PS 12/23 1527 female in CC, 1529 female still talking o/PS IS, 1529½ IS was alone, 1530 male and female in Oriental lingo, probably CC but signal very poor by this time. (Vernon)

1481 UNITED ARAB EMIRATES Dubai 12/19 1734 male in AA, 1738 AA vocal mx to 1759, male briefly, silence at 1800, no tone or pip detected, 1800:05 sea port type sound, ship's horn etc. heard, then male in AA w/talk but signal faded, noted again briefly at 1806 w/play or discussion-type pgm. Sig fair at 1738-1750 but poor at other times, just barely audible at 1800. Missed work for 2½ hours to get this, 1800 is 10 AM LT but it was worth it! (Vernon) yes it was worth it indeed! You have a very understanding superior-CH

1503 UNLD carrier from Poland/Spain, first time here. (Yocis-CT)

1505 ANGUILLA most likely the carrier switched on 1028 12/31. Rise in noise killed readability of 1030 s/on. (Thomas)

1541 COLOMBIA heard an extremely loud het against 1540 so tuned to 1541 to hear SS programming poor-fair o/u XBEL. Lots of mx and several ID's as LV del Petroleo and mentions of Barrancabermeja. Heard 0957-1032 1/6. (Carr)

1548 AUSTRALIA 4QD Emerald 1146 1/3 good w/classical mx but not nearly up to levels attained in the summer. (Brown)

1554 GABON Libreville is definitely here, hrd w/FF talk and very poor audio quality 0558-0613. Sounds like SSB tuned in w/an AM set, but is quite definitely FF and caught parts of an ID 0613 12/22 in xint high-band cx. (Yocis)

1557 FRANCE Nice xint, like a local w/FF female DJ 0607, bothered only by feeble 1554 and 1560 hets, 12/22. (Yocis)

1566 TUNISIA Sfax poor w/flutter fading in WQXR slop; AA female vocal noted at 0535 1/5. (Connolly)

1566 UNLD strong carrier on 320° Beverage 1235 12/1 giving me some hope that HLDA may put in audio here someday. (Brown)

1575 UNIDS a number of carriers showing on both TP and DU Beverages most days in December but all go unid, still it's an "Active" place to sit. (Brown)

1593 WEST GERMANY Langenberg to fair peaks w/orchestral mx 0534 1/5. (Connolly) Noted nearly every night w/GG pgms. (Yocis-CT) 12/24 0608-0615 w/nx in GG and light mx. (Ewenstein)

1602 SPAIN one of the low-powered outlets weak w/SS talk, het on WWRL 0545 12/22. (Yocis)

1613 GUATEMALA RAB w/CLD's 0544 12/18, unid. (Yocis-CT)

Bill Bergadano (NY), Russ Brown (Stevensville MI, SX122, 3 1500' Beverages at 240°, 1300' Beverage at 430°) m Rick Carr (Austin TX), Mark Connolly (Boston MA, Pinto car radio), Bruce Ewenstein (NY, NY, HA230, RFL900, 50 LW and loop), Gerry Thomas (Pensacola FL, FRG7, box loop, GE Super Radio, external loopstick), Brian Vernon (Elsa YT, DX300, FRG7000, Beverages), Dave Yocis (Dec. DX in E. Lansing MI, Jan. from Fairfield CT DX160, SM2)

Bob Foxworth

Dallas Lankford has written a very good article on what I consider to be the best BCB DX receiver series available to the average DXer - the Hammarlunds. I've owned several of these sets over the past 2 decades and would like to add some thoughts.

The SP-600 series tunes band one from 540 to 1350 and band 2 from 1350 to 3450 kHz (in the commonly available model that has a top end of 54 MHz). Single conversion is used up to 7400 kHz. The selectivity provides 3 xtal and 3 non-xtal positions from 200 Hz to 13 kHz bandwidth at 455 kHz IF frequency. (This provides information shown as a ? in the table on page 9 of the Jan. 14, 1980 DX News).

I have found in 2 HQ-129 and 3 HQ-150 receivers owned by me that the crystal used in the selectivity/filter can resonate close to 452 kHz. The IF transformers are peaked up on the crystal filter frequency for optimum response. This makes use of inboard mechanical filters unsuitable unless the IF is "detuned" and peaked up at 455 kHz; then the crystal filter no longer works properly. The only cure is either to build a separate outboard IF amplifier strip using mechanical filters, or replacing the quartz element inside the receiver with a new unit. This effect is verified, when the receiver is properly aligned for correct crystal filter operation, and a digital frequency counter is attached. The IF preset must be set to 99548 (and 00452 for the higher bands where the local oscillator injection becomes low-side) rather than 99545 and 00455 as would normally be the case with a "standard frequency" IF.

I have found the active notch on my two HQ-150 receivers to be very effective indeed. The set labels this as "null" on the Q-multiplier. The secret is to first put the Q-mult in "peak" function and set the "peak gain" to just oscillating. Adjust "freq" to bring up the undesired carrier. Then switch to "null" function. Note that the "null" potentiometer must NOT be set near full on but rather at a point near 2/3 to 3/4 of full. This adjustment is very critical. A rocking of the "freq" and "null" pot will soon yield a point with the undesired carrier becoming totally inaudible. Both controls require careful adjustment. I can take out an undesired carrier 10 to 15 db stronger than the wanted one at a kHz or less away and get solid copy in a case where there would be no copy at all with the Q-mult off. This is without resorting to the crystal filter, too. The HQ-150 manual is totally lacking in any explanation of this. Fortunately Hammarlund built receivers a lot better than they wrote manuals!

I used a HC-10 from 1962 when it was sold (for about \$140 new) to 1968 when mine was destroyed in a fire. They are quite scarce on the used gear market but are a very cost-effective way to get decent selectivity. They use both 455 kHz and 60 kHz IF circuitry and alignment may be required; the 60 kHz may be a problem in getting proper alignment gear. Hammarlund made an even more attractive version of the same circuit - the SPC-10 which came in a 5 1/2 inch rack panel and featured the same functions as the HC-10 but included a S-meter and a 600 ohm line output providing 1 watt audio. I have never seen a SPC-10 for sale but would pay \$100 for a decent unit. Incidentally I have manuals for both the HC-10 and SPC-10 if any reader needs one - a xerocopy at cost can be arranged.

Technically oriented DXers may wish to look up the following articles, in addition to Dallas' bibliography. "HQ-129-X receiver improvements" by Stueber and Noe, page 38 of the May 1959 CQ and "Receiver Hotrodding Hints" by Geisler, page 36 of the January 1959 CQ. The latter, incidentally, has a good explanation of what the Miller effect is, and what it does to IF alignment. The HQ-129X was reviewed in QST for June 1946. I can provide a xerocopy of a HQ-129-X manual to those in need.

My experience is that the best place to buy and sell this type of radio gear is the classifieds in QST and the Ham Trader "Yellow Sheets" which are published by A. L. Brand, P.O. Box 356, Wheaton, Illinois 60187 (this is a new address as of Fall '79). The Yellow Sheets are 20 sides, typed, and appear every 2 weeks to give a faster turnover than the magazines which may take 2 or 3 months, although giving a larger potential audience. \$2 buys you 7 issues of the Yellow Sheets; a year is \$6. Two individuals have advertised in the past in QST offering Hammarlund service/repair. They are C. Osteen, Box 152, Mars Hill NC 28754 and Wayne Cordell KHCS, Blue Ridge Communications, Rt. 3, Weaverville N.C. 28787 (704) 645-7070. Cordell is a former Hammarlund employee and I understand he has access to parts. I cannot vouch for either of these names and assume no responsibility consequentially. The HQ-150 is in my opinion the best receiver to use for BCB DX work, behind the HQ-180 series which of course has superior selectivity. Two reasons come to mind. The BCB is split into two ranges which makes dial calibration easier to read, and the presence of both a crystal filter and Q-multiplier make tuning AM signals a relatively painless proposition. Of course this receiver was brought out in the mid-1950s when AM Phone was the mainstay of amateur radio; the heterodynes that resulted on the ham bands made this kind of selectivity necessary. This is a problem the MW DXer still faces! Of course the HQ-150 has plenty of room for modifica-

tions to be added, new connectors put on the panel or rear deck, etc. I even mounted a 2-inch speaker on the front panel of one of my 2 150's, where the BFO pitch used to be. A more practical modification is the addition of a mixer trimmer control. This may be done mechanically by removing the shield can from the BFO tube socket, removing the limiter switch (leave it wired shut to disable it, it's not that effective) and running a shaft out through a flex coupling to a small variable mounted next to the bracket that holds the mixer coils. There is a point on the mixer bandswitch that replaces the two fixed padders for the 1320 and 3200 mixer alignment, it is a jumper between 2 lugs and is easily accessible. The variable replaces the two fixed padders; and as the jumpered lugs run to the "extra" section on the main tuning gang, the new trimmer works only on the 2 BCB ranges! The adjustment on the front panel then goes where the limiter switch was. Or the job can be done electrically with a varicap diode. Another offbeat trick is to put the receiver cabinet on a board so it's an inch off the tabletop. Loosen the chassis and slide it forward a couple inches. You can put your hand in under the chassis, just under the bandswitch knob and reach back and touch an exposed lug on the right side rear deck of the oscillator section of the bandswitch - closest to the panel of the 3 sections. With the radio-tuned to the lowest it will go, which is 535 kHz, you can "load" the oscillator down to about 526 (receiver ant trimmer has to be retuned, and the mixer, too, if you can do so). This makes reception of 530 and lower easy without upsetting the alignment of the receiver permanently. It helps to know that there are no DC voltages at THAT POINT of the circuit but it is important to know, likewise, what to avoid. This is recommended to only the serious and knowledgeable person... but it DOES work and you CAN copy Cartago, C.R.'s Radio Rumbos on 527 kHz on a HQ-150. Incidentally installing a switchable padder here doesn't work as the lead capacitance is too much and the oscillator won't track. Incidentally a digital dial is invaluable when loading the tuning down with finger-capacity as the tuning is very touchy as to finger pressure on the bandswitch lug. The osc squeggs out near 524 kHz received frequency, at which point the RF circuits no longer track.

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Not dead, just dozing

Stereo capability, more channels might give AM radio a boost

By PETER J. BOYER
Associated Press

LOS ANGELES — AM radio must be coming back to life. First there was all that commotion about AM stereo, and now the Federal Communications Commission has recommended that new channels be created on the AM dial.

Of course AM radio was never dead, just dozing for a while. While AM stood by and watched, FM, with its clear sound and stereo capacity, burgeoned in the music-loving 1970s. Last year, for the first time, an FM station (KMET) topped the radio ratings in the busy Los Angeles radio market.

AM stereo, a technical wonder which I couldn't explain if I wanted to, is a definite advance specifically aimed at enhancing AM's status in the competi-

tion with FM. The "expansion" of the AM band to allow more stations is a little different, not affecting the AM-FM competition. Still, its activity, and activity is a sign of life.

Currently, the AM band includes 107 channels, with a spacing of 10 kilohertz between channels. The FCC recommendation would shrink the space to nine kilohertz, making room for 12 new channels.

Since stations broadcasting in one area must be spaced four channels apart, the biggest possible increase in one city would be three stations. The FCC says that as many as 1,400 new stations could be created nationwide, but the number is likely to be far less because of frequency complications.

The FCC's main reasoning in wanting

to "expand" the AM dial is to satisfy at least some of the 3,000 or so broadcasters with pending applications for new stations. Also, the new channels would allow some current broadcasters to upgrade their status, say from second class to first class, thereby gaining frequency protection which allows for more clarity and distance in transmission.

In making its recommendation, the FCC also was considering National Public Radio, which currently has the capacity to reach only two-thirds of the country, and minority broadcasters who may be able to open stations on the new channels.

The proposed change has some time-consuming hurdling to do before it becomes a reality. The FCC task force in charge of spacing will present its recommendation to the Region 2 Administrative AM Broadcast Conference in March. That conference will mark the first time all countries in the Western Hemisphere have attempted to standardize technical operations.

It is to be a two-part conference that isn't supposed to conclude until November 1981. If approved there, the FCC recommendation next would need approval of the International Telecommunications Union in Geneva, where it will likely face no problem, because Europe already has nine-kilohertz spacing.

If the change is adopted, existing AM stations will have to adjust their positions, a change that would be a minor nuisance to some and a giant pain to others, depending on the system of transmission used. Radio manufacturers also might have to make some adjustments to ensure clear reception.



MUSINGS

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS.

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

AH! A COMPLIMENT!

MORTON D. MEEHAN - 7682 North Star Avenue - Twentynine Palms, California - 92277
***** KFWO-1030 has announced they have been on the air for 50 years. I guess they were KDFW-1440, 50kw, in 1935 when Wyoming only had two stations. The other station was KNYO-1370 Sheridan, 100w which I verified from New Jersey in 1935. Today there must be 30 AM stations in Wyoming. I've been looking over the NRC Membership List in the Oct. 8th bulletin. Ernie, now I know why you keep pressing for reports from the silent majority. While studying that membership list I could be heard murmuring remarks like "Is that old goat still alive?" or "I remember that name. I wonder what happened to him?" Many of those names haven't been in Club bulletins that I've seen in many years. They must have a spark of interest in the DX hobby or they wouldn't be renewing membership year after year. Maybe we could dedicate an issue to the non-reporters and they could send in word why they haven't been heard from Or if they all cared to write a brief note to me I could condense their letters into one article mentioning their names and what's happened to them over the years. Of course this isn't DX reporting in a sense and some members might object to the space being used for social purposes. But to me the social aspect of the Clubs is my Number One reason for remaining in the hobby & I consider your column "Musings" as being the Society Section of the Club. To me it's the section of the Club bulletin I read first and enjoy the most. I enjoy hearing from old friends even if they are names only that I've seen over the years. (Thank you, Mort! -ERC)

AH! AH! ANOTHER ONE!

BILL WHITACRE - 2509 Devonshire - Lansing, Michigan - 48910 517-482-7996
***** I'm kind of rusty at this having done it only once a year for the past few but here goes anyway. This is sent on 1/5 (Saturday) so there is not much chance of it getting in in time for the 1/7 deadline, but... To get me to Mass is one thing, but to get me to do it on time is quite another, hi! A brief re-intro: I'm 23 and graduate from Michigan State U. this coming June with a degree in Astro-physics and Electrical Engineering. At present I am interviewing as many prospective employers as possible and the jobs available to engineers right now are great. My major interest is in SWBC, but I got started in the hobby in BCB & tend to come back every once-in-a-while just to remember how clear the bands used to be! I am not buying & selling so many receivers as I was a couple years back and have pretty much settled in with an old but still one of the best around Hallicrafters SX-96 with homebrew digital, an R-39CA bought from Slep Electronics in Otto, N.C. who I can highly recommend for these Hies, both service and the best reconitions around! I also have had a new Drake R-7/DR-7 for a few months now & am enjoying it much and doing most of the DX work on it now-a-days. Some miscellaneous tape recorders & an SM-2 & 100' dipole round out the shack. SWBC/HIC/VIC is now 210/183 and BCB totals are 49/49 & D.C. with some 30 or so countries heard and about half that varied. Most, in fact, all of my DX was done right here under the same roof except for a few trips to England over the past 18 months. I just got back from the latest during Christmas break from school & had a lot of catches that we just don't get back here in the States. I am primarily interested in the 49 meter band pirates when I go over there and have never been disappointed in the Sunday morning turnout! MW DXing over there is truly something to be experienced and when you get to do some of it from the BEC Monitoring Service it's all the more fun! All going well, I plan on going to Indonesia this Summer, from early June till August or September sometime for some DXing & sightseeing and general exploring and learning - I am working on talking some Aussies and John Campbell into going and if there's anyone out there who's interested please let me know! I'm sure I've gone over the limit already so I'll cut 'er short here & wish you all a happy and prosperous New Year and decade. Keep up the good work, 'cause as I'm sure you've been told before, Musings and ERC hold the DX NEWS together! (Thanks, Bill! -ERC)

WE WELCOME A "TV MAN" TO THE NRC!

JOHN R. WODENIK - 4330 Maryland Street - Gary, Indiana - 43409 WB9AUJ
***** This is my first Mass as a new NRCer. Equipment is a tired old Knight R-100A car RX, 1' loop, loop amplifier. I also DX in the car on the way home from work at Ch. 26 TV in Chicago, 9 1:30am. I have been signing veries here at 26 for a while. Family is wife Evelia, Chris, 7; & Vikki, 3. I mostly look for XE stations on way home. My wife is from the home town of XHNA-540, & I guess I am a transplanted Mexican, 'cause I really like the music. Lately, I have heard YWA on 515 kHz in car on way home, XHFA-540, ZEQ-940, and a lot of clear channel 50Ks. I forgot just how many there were! My 940 DX is about to go to in a handbasket - WJPC-950 is about ready to open up shop about ten miles from here. Rumor here is that WMP-1470 has been OKed to raise power to 2,500w from 1kw. This station has been solid, & I was supposed to rebuild it at the new power level, but as these things go, the new owner is mixed up in elections here in Chi-town, & has let the whole thing come to a stop. I will try to find out more info, & let you all know A.S.A.P. Good DX & 73s for now.

GENE MARTIN - 3303 East Evans Avenue - Denver, Colorado - 80210
***** Allow me to say something about the Federal Communications Commission which has never been said before. Under its licensing authority over the years, it has equipped the U.S. with a tremendous collection of the lowest-powered AM radio stations of any major country on Earth! We have had so-called Clear Channels over the years, however the regulatory authority always refused to permit the occupants of these channels to use enough kilowatts to justify that clear status. The Clears were supposed to serve the nation coast to coast, but none of them has ever been able to do it, except for the few years when WJW operated with 500 kilowatts. Even that many watts was not enough to lay down a strong signal on the Pacific Coast. We have been brain-washed in the United States to accept the idea that 50kw is "high power". It is not. It is no more than medium or moderate power as compared to kilowatts in use in the Soviet Union, Germany, Poland, Britain, throughout Asia, Africa, the Middle East, and even Latin America. Consider WSM on its Clear Channel, then check the European-Asiatic-African listings on 648 kHz, and note the kilowatts arrayed against WSM when its pure signal ventures out into the world. And that situation is repeated in some degree for every one of the higher-powered stations on or near their frequency. Time has demonstrated that the FCC has a conspicuous record of never making a correct decision on the major issues which have confronted broadcasting. It set up 12 VHF channels for TV, and in just a few years had to add dozens more in the remote UHF spectrum. Locating FM in the space between TV channels 6 & 7 looks like another honor. The FCC authorized the Citizens Band at a place in the spectrum entirely unsuitable for that kind of broadcasting. For no good reason at all, the FCC gave its blessing to 12% modulation by AM stations. Now it is proposing 9 kHz separations in the BCB and extending the band to 1800 kHz. The FCC's track record strongly suggests that time will prove these change also will be mistakes.

A SUBJECT TO CONSIDER

MIKE HARDESTER - 10285 Covina Court - San Diego, California - 92126 1/7/80
***** Greetings. A recent letter from KNFT-950 in New Mexico confirmed it was their station which I heard at 1pm PST, while semi-local XEGM was off; not had DX at 520 miles in daytime and the Radio West modified receiver and loop certainly do perform! I just wish I had a lot more time to seriously DX. Question time, request for assistance: Do any members recall the Ollie Ross Ground? There was an article, on this ground, printed several years ago in some DX bulletin, and while I have received some valuable assistance from GENE ALLEN, I am curious if any members know Ollie Ross personally and recall his ground system, or utilized a similar ground in years gone by or even presently. If anyone can assist me with information, Xerox copies of articles, or a source for additional information, I will definitely appreciate such help. Please write first so duplication doesn't occur; I'll be most happy to pay postage and Xerox costs - but not for a whole book, hi! Be a person a DXer or John/Jane Q. Citizen, a subject often avoided is death. The reasons are many, but here is something we, as DXers, should seriously consider: What provisions have we made for the disposal of our DX gear, records, QSLs, old magazines/bulletins, etc.? I'm 30 & in excellent health (except for MM insomnia, hi). Still, if I drop dead tomorrow, my wife and family have written instructions how each piece of gear and all records, QSLs, etc. are to be disposed of - and NONE will be junked or sold at garage sales. Each year, we read of a DXer dying (even the sudden death of a couple of teenagers a few years ago) & I often wonder what becomes of his/her hobby collection. Thus, I would urge all DXers to, if they haven't done so yet, sit down and write out how you wish your hobby materials to be disposed of. Secondly, I would strongly urge ANARC to form a committee to discuss this area and form a place (ANARC HQ?) where collections from a DXer's estate could be sent/brought rather than shipment to a junkyard to be forever lost. Something seriously to think about! Best of DX!

JIM'S GOT SOME MORE NEW LOGGINGS

JIM CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 95030 1/7/80
***** The latest DX NEWS is dated Dec. 29th. Unless the "Musings" Editor is given a typewriter with larger type, I am not very likely to renew my membership. I have difficulty reading that small type. Additional proof that the NEC is an Eastern club, the DDXD had only one report from West of the Mississippi River, & Ernie only eight reporters. Rather than writing two reports, I combine the DDXD with comments to ERC. Only a few DX notes of possible interest to the other DXers since 11/15. Central and Northern Cal. listeners find it hard to get other stations through KABL-960; so I felt lucky to hear a clear ID from KARZ-960, Phoenix, Ariz. Mon. 11/19 @ 4:42am EST. Another new one was KEEL-1150, "Talk Radio" Englewood, Col., first heard Sun. 12/2 @ 2:57am. They have been heard every morning of the week from 3 to 7; not from interest in the program, but to fill in the 168-hour slots. Next new one was "Black Hills Broadcasting", KBHE-810, Strugis, S.D. Sat. 12/2 @ 8:50 w/KGO off. (KGO on at 9). XTMS-1250, Santa Barbara first noted with Larry King Show @ 3:42 Sun. 12/9; another frequency messed up. The only ID heard from KEGN-1360's TEST was at s/off @ 2:05 Tues. 12/17 - not very 'special' with so few IDs. My nearest new station is KEKA-790, BurEKA, Cal. 12:25pm Thurs. 12/20. I have not yet heard s/ons or s/offers. KHUM call was not used. AJ News used. Surprising sneak-through by KPOF-910, Denver, @ 4:35am Fri. Jan. 4, ending AP NX. Sat. 12/5, @ 3:05, KID, Idaho Falls went off. I made a new list of stations for which to try at 4am; good at filling in those gaps in the 168-hour log. Happy New Year, all. (Jim, I have a 2" x 4" Bausch & Lomb magnifying glass on a handle which is EXCELLENT for reading small print if held a couple inches above the paper. I use it myself... The promised donation of a pic-a-size typewriter by a Western member hasn't materialized as yet -ERC)

PLEASE REMEMBER, IN MUSINGS WE DO NOT USE THE 24-HOUR CLOCK, BUT RATHER, A.M. & P.M. PLEASE SAVE YOUR EDITOR THE TIME OF CONVERTING YOUR HOURS TO A.M. & P.M. BY REPORTING THEM THAT WAY IN THE FIRST PLACE, IN E.L.T. DEADLINE IS EVERY MONDAY AT PROVINCETOWN. PLEASE DOUBLESPACE!

GARY'S IN A THREE-BAND COMPETITION WITH FRANK MERRILL

GARY SIEGEL - 2728 106th Street - Toledo, Ohio - 43611 1/6/80
 ***** It has been a while since I last Mused, the last being for comments on the clear channel issue and as long as ERC has requested Muses from the Midwest & Ohio, I guess this would be a good time for a reintro. I'm 28, single, and work as a dispatcher for the Sylvania, O. police where I've been over two years now. The work is interesting & occasionally gets a bit wild especially on weekends and around holidays, hi! I work all three shifts on a varying basis which confuses everyone as to when I'm at work and when I'm not but for the most part I'm able to adjust to the constant change so it's not as bad as it seems to everyone else. As for DXing, I've been at it since 1966 and have heard 2,432 stations through 12/31/79 with 49 states, missing Alaska, ten provinces, 43 countries. I also DX FM & TV; figures there are 295 & 419 respectively. FRANK MERRILL & I are entangled in a most interesting DX battle across the three band total. For the past two months our composite totals have been running about even with the lead constantly switching. His gains on TV and especially FM have been considerable since he set up his antenna farm at his house in Holland, Ohio, & balanced a good sized lead I have on him on AM. It appears that this close friendly battle will rage until the next TV season at which time he'll likely shrug me off completely. He managed to edge my total for the end of the decade, a fight which went down to the last day, hi! Presently my three band total is 3,196 while Frank's is 3,202 at last count. I just had a visit (on 1/4 & 1/5) from JOHN CLEMMER of Peoria and IRCA Convention fame this past weekend and along with some interesting DX chatter and other topics, we covered the malls and a few other attractions including the FRANK MERRILL DX & record complex in Metro Holland. It was a most enjoyable weekend for me & I hope it was for JDC-86, hi. Well back to the dials. I hope to see 2,500 on AM before 1980 is very old and along that line I hope everyone had a nice Christmas and has a great 1980! 73s, and welcome back to NRC to KEN ROMSTADT aka the "Woe!"

THE BIG NELSONVILLE GTG

PAUL MOUNT - 35 1/2 West Columbus Street - Nelsonville, Ohio - 45764 11/26/79
 ***** (Rec'd 1/11/80 -ERC) And now for the results of the Nelsonville DX Get-Together advertised in three clubs (plus a fourth whose bulletin arrived the Monday after the event), but we'll try from Directing Attention to its identity. JOHN BUTHLER of Toledo was the first arrival Friday afternoon around 2:30. He brought his FRB & SM-2, and we alternately listened to it and his DX tapes. We listened for WGN's power decrease at 3:15 but noted nothing, so John called up to see why they were coming in so strong so late in the day and got an answer about "Maybe all the clouds have something to do with it," from the secretary. After power change WGN gets hurt by CKOT & WLAC. DAN JAKUBOWSKI (correct spelling, JOM) arrived from Parma Heights and brought in his new Kenwood rx. Shortly after that we got a call from RANDY CLARK of Parkersburg who was at a pay phone within out sight, so we played Candid Camera with him before revealing what was going on. That was it for the attendees, and we spent the next ten hours or so talking, DXing, playing outrageous tapes and looking at DX and other materials that happened to be in the envelopes, hi. The new IRCA Almanac was enjoyed by all those present & I think Seattle sold three copies thanks to me. I recommend it to you also, as it is a perfect supplement to the NRC Log. "HEB" beacon was noted on 524; I later found this to be located in Newark, O. John seemed to have KAMI, Cosad, Neb. on 1580 as he'd also recently logged it in Toledo but I couldn't get it on my TRF which was too bad as it is needed. We went out for more beer and to eat around 10, & took the five minute walking tour of Nelsonville. One of my roommates had threatened to bring a bunch of non-DX parties down from Belfontaine but that didn't happen, so there was room for my three guests to pass out in the living room around 3am. Saturday it was more of the same, then we went up to WGN to look at the tower and then I had my usual 6-10pm shift which Dan & Randy sat in on while John headed home. Back at the apartment we got a call from John about good TV/FM CX so some real tropo was heard unlike no DX at most gatherings, hi. Sunday I had to work again so Dan drove Randy to Greyhound and that was it. 73.

"ONE LATE TEXAN, IT WASN'T MY CHOOSIN', THAT I'M LATE WITH MY MUSIN'!"

RICK A. CAHR - 402 John N. Garner Circle #102 - Austin, Texas - 78753
 ***** Domestic vs. Foreign? After spending all these years in school I was shocked to find out that Canada was actually a part of the U.S.A. Why in the world is a foreign country (Canada) considered domestic? With 20 or so states having a good line on Mexico, 200 or more members, why isn't Mexico considered domestic? I honestly feel that there should be a new ruling made on this matter. While living in Illinois (DXing since 1974 to 1978) I logged 70 Canadians and since 1978 when I moved to Texas, I've logged 80 Mexicans. I know if I wanted to I could count the XE's as domestics without anyone ever finding out but we need organized rules or guidelines to go by. A rule made in the 1930's can't really apply to today, with DXers living all over the country. I feel that it should be one way or the other, all stations other than U.S. are foreign or both Mexican and Canadian stations are counted as domestics. My appeal is to the LPC & the NRC members along the Gulf Coast, Southwest, West, Pacific, lucky Midwesterners, and of course the entire membership. Think about it, then Mue about it if you would. Other craziness: Hawaii is a domestic but yet it's a foreign. Puerto Rico, U.S. Virgins & Guam are all property of the U.S. but (you guessed it), they're foreign even though the first two are closer to the mainland than Hawaii. And what about Alaska, I don't know. The only answer I have received so far from several sources is that the Club decided back in the early days that Canadians are domestic & that's that. Recent DX (WLT). 12/29-4:17-4:29 780 Rcos del Torbes; 4:32-4:40 750 R. Caracas; 5-5:06 Radio Carapana, all Venezuela. 5:13-5:19 L.V. de Nicaragua on 820 & on 540 5:42-5:47 YNOW w/an ID @ 5:45 YNOW, R. Corporacion", 5-0 kHz, en Managua, Nicaragua, clear as day. Also 5:34-5:41 700 Jamaica. 12/30 brought 1190 R. Petrolera 2:34-3:06; 1040 L.V. de Carabobo 5:09-5:27; 1360 R. Tropical 5:13-5:23 & XEZF-1360 Iguala, Mexico 5:18-5:28, all times AM. 73's.

BOSTON RADIO DURING THE SEVENTIES

MARK CONNELLY - 30 William Road - Billerica, Massachusetts - 01821 1/2/80
 ***** The 70's started with WNTN-1550 having a true progressive format (they played everything from Steely Dan to Steeleye Span); DJ's were the "whispering" type common on late 60's progressive rockers. I alternated between WNTN & Maxzame Sartori on WBCN-FM for drivetime rock. WNTN eventually "wimped out", going to MoR; then WCAS-740 took over in the progressive AM field. WCAS had a softer sound than WNTN, however, with lots of folk and jazz, but no heavy-metal rock. Donna Lee Halper was a well-known WCAS DJ in the early 70's. Top 40 radio was dominated locally by WRKO-680, with WYBF owning the Top 40 FM market. Pop/contemporary-adult personality-oriented stations WRKO-1030 & WRDH-850 rated consistently high in the Arbitrons; their regular DJ's like Carl deSuzo & Jess Cain have long had loyal audiences in the 30 to 50 age group. Country music was absent from the dial for about four years after WCOP dropped it. WCOP became WACQ w/T-40, then WHUE w/Muzak. WDLN-1330 recently came forward to fill the G&W void; WDLN had previously played classical mx as WCHB and big-band pop mx as WHET. Robin Young did a soft-rock show during the wee hours of week-end mornings on WBZ; later she became a local TV star. Disco swept in during 1974: soon WILD, WBOS-FM, & WJES were boogying down with the disco sound. Also, it heavily invaded the Top 40 stations. Suburban WGTB-1060 was stately progressive on owner John H. Garabedian's afternoon shows in the mid-70's. WUNB-1600 held down the ethnic programming slot. WHTT-950, and later on, WEZE-1260 supplied religion. WEEI-590, with all-news, drew high ratings consistently throughout the decade. WMEX-1510 was the best Top 40 station in the early 70's; later it changed to WITS & featured talk shows. The real ratings war now is being fought on FM, which during the last ten years has become the city's dominant radio medium. Steve McLean on WCOZ-94.5 & Mark Parenteau on WBCN-104.1 battle for domination of the massive afternoon rock audience. WBOS & WJES-FM vie for the disco crowd and WJIB jousts with WHUE for control of the "Muzak" segment.

GETS IN HIGH GEAR TO START THE NEW YEAR

RAY ARRUDA - 47 Burt Street - Acushnet, Massachusetts - 02743
 ***** The first week DXing into the New Year has been quite good with six new loggings & eight reports out from 1/5 to 1/8. Starting with Sat. 1/5 at sunset: WHNC-890 fair before WLS took over w/many spots and 15 minutes of local NX 4:58-5:15pm s/off. SM 1/5: WROP-1410 & WBSM-1420 took SPs w/WROP being off approximately 3-4. CMRB-1410 noted 3:25-3:38 weak w/EZL instrumental mx & VID in EE @ 3:30 u/CIGO/KOV. CKPT-1420 noted 4:00-4:12 w/NX, WX, T-40 mx weakly w/WBK QRM. WQIN-1290 was heard briefly with beginning of s/on announcement, then lost to s/oms of WNK & WCCC. Still on Sunday, but later that day at sunset: WCPB-750 very good 4:48-5:15pm w/N.C. Net NX, IDs, rock mx w/Jeff Long to 5:15 s/off announcement w/"Dixie" played in background. New station WJES-1190 Johnston, S.C. (per ELLIOT STRAUS' tip) very weak w/partial s/off announcement @ 5:43 w/WOVO almost covering the channel. MM 1/7: WLAK-1390 was noted on AN weak u/WFBL/WCBC. WMA-1250 was copied 3:58-4:13am u/CHWO w/T-40 mx, IDs, for a report. Later on 1/7: WHY-1590 5:02-5:30 pm mixing it up w/WQQW w/IDs, C&W mx, spots, ABC SX & local SX to 5:30 s/off by female announcer. Veries are back from WMOE-1060, WBNX-1380 & WLDN-1570. Glad to see Verie Signers & Verification Game sections in DX NEWS continue to thrive. These and Musings are my favorites. Support DX NEWS & become a part of "The Living NRC." 73.

A TENNESSEE BEVERAGE PARTY - PART I

DAN PHILLIPS - 835 Danton Lane - Birmingham, Alabama - 35210
 ***** After hearing of all the benefits of the beverages I decided to build my own. I call it the Great Tennessee Beverage since it was placed between two mountain ranges in Middle Tennessee near the community of Dry Hollow which is half way between Monterey, Livingston, and Hanging Limb. With the aid of my brother-in-law Alan and Shannon Honeycutt we rolled the 1300-plus feet of wire through a dung-infested cow-covered farm into the neighboring woods. The total time for this was 18 minutes of rolling time. Putting it up was quite simple. The missing the dung patches was the most difficult matter. Unfortunately I did not succeed in missing them all. Immediately after hooking the beverage to the Sory ICF-5900 one could tell a tremendous difference. Almost all signals totally blocked the receiver. Also in use was a TRF. The TRF was used most of the time. The Sory was also used but at times some images were noted. The Beverage was used for three days, Dec. 29-31. Thus the decade was completed with this antenna. There was also a curvature in the antenna. After 500' it turned about 15-20 degrees. The results of this were that it had two lobes. A minor Canadian lobe and an Eastern lobe that seemed to peak near Pittsburgh, Pa. Now to the goodies. On Dec. 29 the following were logged: 5pm: WERC-550 S-9, WAXU-1580 5:15 s/off; 5:29 s/off of WSSA-1570 & WCCC-1440. I was a little surprised to hear these Georgia stations at this time since other stations in these areas were weak. 5:43 WTX-690 weak under WYBF. 5:55 on 740 tremendous signal with station using French; Canadian. 5:00 WARB-730 s/off weakly, surprise, under the FF station. 5:01 CBF-690 89 plus, 6:05 WCTP-680 dominating the frequency every night. 6:05, WOSU-820 dominating. About this time Canadians were on 740, 860, 900, 1570, & 1580. Also all the time one of the stronger stations was WKEW-1520, stronger than WLAC, 100 miles away. 6:23, WKTQ-1320 89 plus. This station also was always strong. 7:53pm, WWSW-970 tremendous signal as always with beverage. Surprised that WAVE never did peak through. This is a big surprise. 7:51pm, another surprise, CHOK-1070 on top of WIBC. At 8:17, WTAR-1250 dominating, always on top. This is a rarity. 9:15 on the TRF 575 Costa Rican on top of frequency. 9:41, WGAR-1220 way on top of frequency. It was like a ton of bricks all of the time. (continued in next Musings, next week).

LET'S SEE THOSE MUSINGS, GANG! PLEASE DOUBLE SPACE & PLEASE USE A.N. & P.M., E.L.T. -ERC

NIEL WOLFISH - 15 Dorwoods Grove - Toronto, Ontario - M4N 2K4 1/5/80
***** Just in case you happen to be wondering, the correct spelling is N-i-e-l, not the usual way. That's something my parents decided. Anyways, some DX: 1/4- 5:28-6 pm, WYOU Tampa all alone & in SS! This previously unheard station (#2 on 1550) is listed as POP in the Domestic Log. Well, s/off said they are "all SS." Also 1/4 at 12:00am WKNE-1290, & @ 7pm, WISL-1480. Two varies this week and two new states in there: S.C. courtesy of WFBC-1330 and Maine from WPNO/WKXV-1530 (latter are the new calls). Now someone help me verify Kansas and I'll be 41/41, or better yet, help me hear Vermont! (WVMT-620 is AN-6, Niel! ERC) Other totals: 658/235 stations, 10/8 provinces, & 19/11 countries. I'm just looking at 12/28 DX NEWS. TIM KFFOOT (who apparently lives five miles S of me) mentioned no luck in hearing CFCF-600 & CFNB-1410. Once in 1977 I got both CFCF & CFCB, but 600 here in North Central Toronto is either WCAO, Cuba, or WMT. As for 1410, I agree with Tim. ARNLD LITTEK: is ex-NRCer Mike Whelan still DXing? I met him a couple of years ago at ODXA meetings. I also found the DXing LA & Caribbean article interesting. Personally I rank Mexico as #2 on the list with 940 ALWAYS audible plus 540, 730, 860-XMEX, 900, 1350, 1500, 1570 & 1580. I'd also put Nicaragua (YXN-750), Dominican Republic (830 or 860) & Guatemala (640 & 730) up higher. I find the splits rather hard with the equipment I use. Before I go, two questions for ERC: Did you ever verify TCK-1240 from 1973 Fall? And, is this over the line limit? (Nay and nay, Niel! -ERC) 73's.

STEVE ENJOYS A VISIT FROM TWO NRCERS

STEVE KENNEDY - Box 231 - Immokalee, Florida - 33934
***** Greetings all from the Ear of the Everglades. I hope all had a good holiday season, and got a new RX or at least new DX. This year my gift was dues for Year #10 in NRC. Sorry I couldn't make the Solid South Musings section, but as you will read it was well worth the wait. Sun. eve 12/30 was in my estimation a high point in my long career in this hobby. After a day's delay, ROV SCHATZ and GLENN HAUSER managed to make way to my door after a day of looking over SW station WYFR in Okeechobee, Fla. Glenn, Ron, & myself spent about 2 1/2 hours talking MW & SW radio, Ron & Glenn's trip to Habana, and the congested MW band as well as the possibility of the 9 kHz spacing. We went to a restaurant for a fine Mexican dinner - my treat - and watched a furnished and sleepy Ron eat heartily (he was driving). I believe that Ron & Glenn will attest to having a good time. I sure enjoyed having them both over, and look forward to seeing them both again. This lone radio nut really appreciates anyone in the hobby who is willing to go out of his way in this out-of-the-way place just to visit yours truly. Except for correspondence, and the DX mags - it is lonely down here. Thanks to Ron & Glenn, I really enjoyed the visit - come again, hear? Lessee hearh - I'm back to the engineering chores at WKEM. Our contract engineer can't make it out too often, so I have to do the tech chores. Sorry, I can't run a TEST on WKEM any more unless it is for a PoP - owner's orders. MW OSRs in: WTIX-690, WPLP-570, & WOTW-1580. Still no DX to speak of - HNL. Well, as of 1/1/80 it looks like I might finally be able to get that coveted FEB-7 after a long three year wait to raise the \$\$\$\$. As this is being typed, the cold clear quiet DX type weather is finally here - 40's at night. I am appalled that the FCC is going to recommend 9 kHz spacing at the Region III Conference. That is the worst mistake I have ever noted by an agency of the Government. Oh well, what do you expect with a bunch of liberals. We have 100 MANY AM stations now! Bye TA & LA splits. Well, I'm running outa paper, BCing you in the Spring. 73's & Long Live the NRC!

HE HAS HIS R-390A WORKING AT LAST

DICK THUAX - 3003 Gleason Lane - Jeffersonton, Kentucky - 40329
***** Greetings once again - and so soon! Yes I've been DXing still more & even have a few new loggings since just two weeks ago. 12/25- KADL-1270 Ark. w/ids & ID @ 5:48 pm, then ERC mx. 12/30- KXKO-1300 Okla. w/ID & CBS NX @ 8pm, never heard anywhere before. MM 12/31- First MM up in almost a year netted only WVID-1340 N.J. w/ID & rr 2:24am, also noted was unnn WTTI-1530 Ga. testing about the same time, just like a year ago. WFRV-1460 Va. w/ID & promo for advertising on station, then rr @ 5:53pm. 1/2- WYXI-1390 Tenn. s/off @ 5:45pm mentioning 2,500 watts, so upgrade your logs. Then much-wanted KZIA-1580 N.h. w/off @ 7:15pm & unnn KNIX Ariz. in like I've never heard them before. Tney s/off at 7:30pm but mentioned fulltime operation soon. 1/5- WSEV-930 Tenn. s/off @ 5:43pm. The good news here is that my R-390A is finally back and working great. Once I got it looked at, it took only 45 minutes to locate the trouble, an open resistor in the AGC circuit. So after receiving it last May from you-know-where, I finally have it in service. Now if CX pick up sufficiently maybe I can log some splits. I wish I had room for a Beverage (not the liquid kind). More as it happens.

HE'S HEARING 'EM AT A HUNDRED-A-MONTH CLIP

FRANK SHERMAN - 760 Trevitt Drive - Stone Mountain, Georgia - 30093 404-459-4752 1/9/80
***** Sorry I couldn't make the Solid South issue, but I guess I'm not a Solid Southerner yet. Thanks to CHUCK HUTTON for modifying my SPR-4 to allow the use of the 2.4 kHz filters without the BFO, which is now switchable. I noticed the members of the U. of Manitoba DX Club had another successful Beverage party. Long may the "Binder" run! In my first three months of keeping a log at this location, I've managed to hear 236 stations. Total to date is 299, with 14 countries heard. I'm trying to make a decision about buying a decent log, & wonder whether it would be better to have a ferrite-core, like the SM-2 or MW-1, or an air-core, like the Sanserino Loop. That's all for now. Happy New Year Y'all!

THE NEXT MUSINGS DEADLINE IS IN TWO WEEKS, ON MONDAY, FEBRUARY 11th. WE'LL LOOK FOR MUSINGS ESPECIALLY FROM TEN-YEAR-OR-MORE N.R.C. MEMBERS. THEN, THE FOLLOWING WEEK, ONE-YEAR MEMBERS.

HE DID IT AGAIN!

WAYNE HEINEN - 427 East Caramillo - Colorado Springs, Colorado - 80907
***** Well, I did it again - fell on a construction site, on a loose step - three broken ribs, so lots of DX. (Aw g'won, Wayne - I'll bet your wife beat you up, hi! -ERC) SM 12/23- Dual report, KLIX-1310 w/C&W o/u KAAM-1310 w/Larry King 2:09-2:30am. MM 12/24- KCEY-1390 w/Country Crossroads 2:27am (thanks to ROLLAND LINDBLADE for the tip), KLEJ-590 w/T-40 now WSP, WYON-1390 weak w/jazs 3:50-4:05am. CKY-590 w/T-40 4:19-4:35am. 1/3- KNIN-990 new AN 2:37am. MM 1/7- r/o KQTK-1230 per list, new AMer MSP KTON-1490 w/T-40, 3:14-3:30. At 8SS, KZLA-1580, KNAK-540. 1/8 SSS- CHQT-1110 w/MoR w/KFAB. 1/10- PoP by KRBB-1560 2:15-2:55am & on. I forgot 1/6- KINA-910 running PoP 2:15-2:35 & on. Thanks to ERIC FITZIAN for his recent visit & phone calls. Eric's DR-33 came in handy to confirm my suspicions that almost all my locals are mixing to make products on various channels. Worst is KVOR/KRPO on 1330. Recent verifications: v/1's- KCRD-660, KTOE-1420, KLIX-1310, KYCN-1340, KORK-920. v/q's- KLRB-1010, KABC-790. v/r- KLOV-1570. v/PP/c- KMGU-750, WYMK-1390. See you all at YAD. 73.

ATLANTA BAND SCAN

MALCOLM MAXWELL - Atlanta, Georgia
***** It's been a long time since I've Mised, so here goes. First, I got a letter from GEORGE GREENE and thanks for the sticker. I'll send him his airchecks in the mail soon. Murphy's Law works on tape recorders too. On MARK CONNELLY's idea on the clears; it would be easier to let them raise power to 100-200mw and beat the LA interference. The idea of more stations only if they fill a "programming need" is one I've thought of before, but Congress, the courts, and the FCC won't go for it. On other news, I enjoyed the Nation's Station" article, and would like to see one about KEE-KEEM. KEEF, by the way, seems to have the big amplifier on lone lately, as I have heard it on a pocket radio almost every night. And now! The Atlanta band-scan. 540-WDAK Columbus. 650-WGGA, Gainesville. 560-WOOF, Dothan, Ala. 570-WAAX, Gadsden, Ala. 590-WFLO, Atlanta. 610-WSGN, Birmingham. 620-WTRP LaGrange. 630-WAYU Albertville, Ala. 640-Something, maybe Ft. Gordon. 650-WSM Nashville. 660-WESC, Greenville, S.C. 680-WRNG Atlanta. 690-WVOK Birmingham. 710-WRGM Rome. 750-WSB, Atlanta. 790-WOXP, Atlanta. 850-WYDE, Birmingham. 860-WAKO, Atlanta. 920-WBST Atlanta. 940-WMAZ, Macon. 970-WKLS Atlanta, IDs as "96 rocks" as does their FM counterpart! 990-WKIS Centre, Ala. 1000-WYOK, Soperon, Ga. 1010-WGUN, Decatur. 1050-WGA Conyers. 1030-WKNG Tallapoosa, Ga. 1070-WFLI Lookout Mountain, Tenn. 1080-WCOB Marietta, Ga. 1090-WBAP Barnesville, Ga. 1100-WLBB, Carrollton, Ga. 1110-WBES Calhoun, Ga. & WBEB, Centerville, Ala. 1130-WLBA, Gainesville, Ga. 1190-WGKA Atlanta. 1220-WPLK Rockmart, Ga. 1230-WFOA Marietta, Ga. 1240-WLAG LaGrange, Ga. 1260-WYJH East Point, Ga. 1270-WKNW Cartersville, Ga. 1280-WPID, Piedmont, Ala. 1290-WCHK Canton, Ga. 1300-WNEA Newnan, Ga. 1310-WXLL Decatur. 1340-WIGO Atlanta. 1360-WLAN Lawrenceville, Ga. 1380-WAOK Atlanta. 1420-WAVO Avondale Estates, Ga. 1430-WGFS, Covington, Ga. 1440-WNCC Bremen, Ga. 1460-WDYX Buford, Ga. 1490-WY2Z Atlanta. 1500-WKRP Dallas, Ga. 1520-WDGL Douglasville, Ga. 1540-WZAL McDonough, Ga. 1550-WYNX Smyrna, Ga. 1570-WSSA Morrow, Ga. 1600-WACK Austell, Ga. I know it's been a long one so I'll sign off. 73.

ANOTHER NEW HAPPY DIER GETS A TRF

STEVEN PARADISE - 18 Cornwall Avenue - Millville, New Jersey - 08332
***** Greetings! I have just finished digesting (not literally, hi!) the first DX NEWS of 1980. So far this year has been great. Me finally gets a TRF, so DX has been booming. There is a sad note, however. I have finally completed a list of daytime locals (using my new TRF and my OLD Sears Silvertone) and have found that many stations that I thought were great DX are easy as pie now. My nighttime list is shaping up and it looks even worse, hi! So my logbook (a brand new notebook and new paper, by the way) is suddenly much smaller than it used to be. On to some DX. Saturday morning 1/5 yielded my greatest distance yet, KRMG-740, Tulsa. Several sunset loggings came through 1/7 with WKIX & WJW, both 850 & WFUN-970 all within 15 minutes. Although this may get a few boos from ERNIE COOPER, et al, I am not going to get veries for a while in an effort to fatten my logbook. Most times when I hear a station to verie it takes ten to 15 minutes while just getting the ID is quicker. Now I know that it works vice versa sometimes but in any event I have to cut back on my postage spending. That's about it for now, see you next week in the Middle Atlantic States issue. 73's. (BOO BOO BOO, hi -ERC)

WRRD-1330 IS OFF THE AIR

GARY LOVEGREN - 1445 West Shryer Avenue - Roseville, Minnesota - 55113 (via phone 1/14/80)
***** (Re-phrased by ERC) I have just found out from a local Radio Shack store that they are coming out with a new model of the famed TRF. I have been promised a manual of this new receiver, which, like its predecessor, is an AM-only radio. I will report on this RX as soon as I get one - when they come in. Locally, WRRD-1330, ex-WLGL, is off the air and the channel is now being used by a PBS outlet from 5:00 to 9:00 a.m. ONLY, local time using the call letters KFJN. The other 20 hours they are silent as of this date, so maybe I will finally get to log something on 1340, the next-door channel. I have just moved to the above address. Roseville is a suburb of St. Paul. I hope to do quite a bit of DXing and I'll report in as soon as that happens. Best to all.

FOR THE FEB. 11 DEADLINE: LET'S HEAR FROM ALL OUR TEN-YEAR VETERAN MEMBERS - WHAT SAY, HEY? FOR THE FEB. 18 DEADLINE: IT'S OUR "ROOKIE OF THE YEAR" ISSUE. ALL YOU WHO'VE JOINED SINCE JAN. 1, 1979, PLEASE CHECK IN WITH A MUSING. THEN FOR THE FEB. 25 DEADLINE, WE WILL ASK FOR THE REST OF YOU; THOSE IN N.R.C. FROM TWO TO NINE YEARS. SPECIFY WHAT CATEGORY YOU ARE IN!

OUR OVERSEAS MEMBERS MUSE - BUT ONLY THREE OF THEM
HE HAS LOTS OF FINE RECEIVERS AT HAND

CHARLES A. TAYLOR - Communications Annex - Naval Air Station Bermuda - FPO New York NY 09550
***** This being the space for overseas DXers, a reintro is/BO9-293-1435
due. I am 32, married (wife, Leonor, is from Philippines), with four harmonics (or spurs)
from 6 to 9 years old, Charter Member of IRCA, irregular member of NEC since 1960. I am a
ham, call sign is WD9JNP, and am inactive (not eligible for reciprocal license here in
VPS-land.) Main activities here in Bermuda are DXing (MF), running (about 50 miles a week)
and church work (Mormon). Work is Electronics Mechanic (civil service, employee of U.S.
Navy), maintaining various HF SSB transmitters and antennas, microwave system, audio & TTY
equipment, a few receivers (including R-390A/URR, natch!), and LF beacon NMO-375 kHz, also
training military (Navy) electronics technicians. I was over at NASA Tracking Station Ber-
muda up until 7/27 when I moved back to Navy. Totals are: (from Indianapolis, Ind.) 1,453/
155; (from Philippines) 300/5; (from Bermuda) 286/0. Forty-five states varied from Indian-
apolis, & I still need Hawaii, Idaho, Nevada, Oregon and Vermont for 50. I owe MARK
CONNELLY a tape of my daytime dial.

LJELL'S GOING INTO THE ARMY FOR A YEAR

LJELL ARNE OLSEN - Box 180 - M-2381 Brumunddal - NORWAY 1/6/80
***** (Rec'd 1/14) Hello again, WRCers. I hope this will reach ERC's mail-
box before deadline on 1/14. Since last time I have become a member of Arctic Radio Club
in Sweden, one of the leading MW clubs in the world. I have also included a new receiver
in my shack, a Hammarlund SP-600-JL17, with superb sensitivity and crystal phasing, making
selectivity quite good, too. CX on the ECB have been held during Christmas here, at least
on the Trans-Atlantic path. One U.S. newbie only, WSAR-1480, Fall River, Mass. On this
frequency the dominant here in Southern Scandinavia is WMDD, Fajardo, P.R. The CJVB-TEST
didn't reach further South than Karesuando in Northern Sweden. During the test week-end,
I visited a fellow DXer in a place called Frya, 100 km North of my home. Ole Forr, (my
friend's name) has a 2000' beverage, but that was not enough, we soon found out. One MW
report has been written, to REC R. Birmingham-1458. One curiosity: I have sent a report
to Fujian Front Station (FLA) in the 120 metre band (2490 kHz). Two newbies the last days:
NOS/Bengelo (Holland)-122a & Baku, USSR-1476, both probably FFM's (First From Norway). Oops,
I almost forgot the one logged yesterday, AFN/Augeburg (West Germany)-1495. I have now
taken over the job as chief editor of DX Listeners' Club's monthly magazine, also named DX
NEWS. So now we are colleagues, PAT HARTLAGE! When this is being read I am most probab-
ly at Jyrestadmen, in the vicinity of Lillehammer, 50 km North of Brumunddal (i.e. 200 km
North of Oslo), having just started my year in the Army. With the Mothers' "Pillmore-East"
album on my turntable in the background, I say "syttitre" to all, (that's "73" in Norwegian!)
or if you want it in my own dialect: "tressetti". I hope you manage the "a" and "s", ERC.
That's Norwegian/Danish letters. Bye bye. (The mark over the "a" should be like the U.S.
"degrees" mark, or a tiny "o" - the "air-minded period" was the best I could come up with!)
-ERC

AN EXCELLENT COASTAL BEVERAGE SITE

JOHN L. ALLCHIN - 18 Burwood Crescent - Remuera, Auckland 5, New Zealand 12/22/79
***** I enjoyed what were probably the best DX CX I have ever experienced, on
my last DXpedition to N.Z.'s East Cape, to the beverage antenna site at Te Araroa. I stayed
nine nights from the 12th to the 21st of November, of which the evenings of the 19th & 20th
were exceptional. I am in the process of preparing a lengthy "trail" of items heard, both
at home and at Te Araroa, and they will appear any time now. What was so exciting about
listening from this site with nearly 1500 feet of wire banded at North America, was that
reception patterns varied each night. Fade-in times varied by as much as 45 minutes from
night to night, the earliest being 12:11am EMT one night, from KOMA-1520. The usually
dominant station down here in N.Z. on 1380 is KTOM, yet one night this station was inaudible
leaving WLCY & KECC alone on the channel. KOGO usually dominates to 600 channel, but this
frequency was a mixture of K9JB & KR0D for quite some time one night, and the Cuban was also
in there. Of course Te Araroa is an excellent location. Being on N.Z.'s most Eastern
piece of coastline, it looks directly out over the Pacific Ocean in a NE direction. The
nearest AK station is at least 80 miles away, thus there were no spurious images across the
band when connecting up to a lengthy and 'thirty' antenna, which will overload the front
end of many transistorised receivers, with local transmitters nearby. There was little, if
any, man-made noise such as TVI which tends to plague the band in built-up city locations.
The mountain ranges surrounding Te Araroa on all sides except out to sea certainly played a
part in shielding out unwanted Australian stations, & substantially reducing signal strength
from many New Zealand stations, WLS-890 was logged with 20W Wellington on 891, WNEC-650
was heard & logged despite the 60W NYC Wellington just 3 W's away on 657. WCB8-880 shat-
tered the NYC-882 slop on a number of occasions with word-perfect reception. Sunset recep-
tion proved the most fruitful, especially on the U.S. regional channels - at SSS during
fade-in, the normally dominating U.S. West Coast stations hadn't faded up to full strength,
allowing more Eastern states to penetrate whilst the WCers were still weak. At the same
time most N.Z. stations, all W of my location, were still coming in on groundwave allowing
splatter-free reception on many channels for up to an hour before they had properly faded
in. KGIL-1260 was all alone on this frequency for about 20-40 minutes before 3XZ Christ-
church also on 1260 showed through. Two new states were heard on this trip bringing to 37
the number of states heard. The newbies were Wisconsin & Michigan. The Radio N.Z. Commer-
cial Network is filling up the five hour gap from 6-11am EMT when they're normally off air,
especially for the holiday period up to mid-January, so they will be running 24 hours a day,
all networked programming, of course. I have in the back of my mind a three-month working

(John Allchin, con't.) holiday to the U.S. next year or so, through a scheme operated by
the University of Auckland. If anyone has any ideas on accommodation or may be able to re-
commend employment for eight to ten weeks, then I'd greatly appreciate hearing from you.
Not much else to add here except to say that I'm off to Adelaide, South Australia for five
weeks but don't plan on much DXing. 73 & the best of DX in 1980.

AT LAST, SOME VARIES

1/15/80

ERNEST R. COOPER - "The Cape Tix Dixer" - 5 Anthony Street - Provincetown, Mass. - 02857
***** First, commenting on GENE MARTIN's Clear Channel Musing in this issue, I
do not believe any of our Clears was intended by the FCC to cover the entire country, else
why would there be so many on adjacent frequencies, e.g. 1000-1010-1020-1030-1040-1050-1060-
1070-1080-1090-1100-1110-1120-1130-1140 to name the longest stretch of 1-A's, 1-B's & II's?
Those other countries do not have very much local radio like we do, hence more power is need-
ed to cover the outlying areas, which are in most cases, not nearly so vast as our country.
It does us no good here in Eastern Mass. to listen to Clears in any city other than Boston
for any news of local interest, like weather conditions, for as far as their programming is
concerned, we don't exist. It was a "wouzey" weak here, with four AM & two FM varies, Wow!
V/o in from Switzerland-531, #2 from there & #99 from Europe; v/l from WBVD-1570, ex-WALO, &
v/l-Gds from WNYR-1380 (Thanks, JOHN KOSINSKI!) & CJAN-1340, for #4,131. DX Down the weak:
1/9- Unn CJRP-1050 tremendously loud this AM. Unid TT-990 2:19-2:25am. Larry King announ-
ces WTIB-1310, Utica, N.Y. joins his network. The as-yet-unid Colombian on 1400 poked in a
few times this AM, they have little tinkley bells as an IS after each announcement, and an
announcer with "mucho gusto". Unn WOND-1400 faded to the fore @ 3:30. 1/10- The Swiss on
531 was in this AM 1:15-1:26. R. Tricolor-990 was dominant @ 1:56-2:07. WGSN-970, normally
NSP, was off this AM & when they are, I generally get a mix of WWDJ/CXCH, but not today - it
was needed XEJ "R. Mexicana" & WAVE, un, & a report is off to XEJ. Only the second time
heard, WFIR topped 960 @ 2:51. 1/11 PM - Unn WHPY astride 1590 @ 4:45pm. 1/12- AU CX, but
naught of excitement except R. Petrolera, Venezuela, was subjugging WHAM nicely all AM. SM
1/13- Unn WIBX-950 ANing w/EZL/WOR mx in WFFN's mull @ 1:20. With WBSM-1420 off again on a
SM, CKTL & WHK played tag there. On 1415 there was an SS w/lyely mx, but I couldn't ID it;
it was also AN. On 1140, L.V. de la Victoria, Cartagena, was on AN today w/WVVA off. Petro-
lera again o/WHAM, w/an RCN Colombian poking through once in a while, too. NK 1/14- Offs
today were WTIC-CXLM-WWL & R. Clarin-850. TAs were in on every TA channel from 1557 to 1602.
"L.V. de Sui America" dominated (in a way) 1080 in WTIC's silence, but they were too weak to
get their location, but 'tis an HJ as they announce call letters frequently, but I couldn't
get 'em; plus a second SS in/out there, weaker still. My #1 mystery of the morn was a teaser
on 1500 4-5am w/c/w albums, & one ID given at 4:32 1/2 by F announcer, in a bad distorted fade.
Anybody know who this bird was, WERP maybe? WTOP's OC came on @ 4:45 & I could still copy
this unID. PH, WANT-1050 in @ 5:28-5:36pm, this is ex-PROF, Titusville, Fla. STAN MORSS,
who visited Tuesday 1/8, told me. 1/15- AU, & the 1400 mystery SS calls sound like HJZZ,
but none is listed, & no slogan discerned. I had enjoyable phone calls from BILL WURTZEL
and GARY LOVEGREN this week. Let's see more Musings, Men, & C U N 7.

MOTHERBALL MEMORIES

CHAPTER CXXXI - NON-COMMERCIAL AM RADIO, 1950 -by PETE KERP.
When a person discusses non-commercial radio today, one immediately thinks
of the ten watters on the FM band, but back in 1950 these stations provided a valuable ser-
vice to many people in diverse areas of the country.
Los Angeles, Cal. KFSG-1150 Echo Park Evangelistic Association
Pasadena, Cal. KPCC-1240 Pasadena Presbyterian Church
Denver, Colo. KPOF- 910 Pillar of Fire
Chicago, Ill. WMBI-1110 The Moody Bible Institute
Urbana, Ill. WILL- 580 University of Illinois
WBAW- 920 Purdue University
Lafayette, Ind. WOI - 640 Iowa State College
Ames, Iowa KFGQ-1260 Boone Biblical College
Boone, Iowa KWLC-1240 Luther College
Decorah, Iowa WSUI- 910 The State University of Iowa
Iowa City, Iowa KFBU-1250 University of Kansas
Lawrence, Kan. KSAC- 580 Kansas State College
Manhattan, Kan. WKAR- 870 Michigan State College
East Lansing, Mich. WMPG-1230 The Liberty Street Gospel Church
Lapeer, Mich. KTIS- 900 Northwestern Theological Seminary
Minneapolis, Minn. KUOM- 770 University of Minnesota
Minneapolis, Minn. WCAL- 770 St. Olaf College
Northfield, Minn. KFUD- 850 Lutheran Church, Missouri Synod
Clayton-St. Louis, Mo. WAWZ-1380 Pillar of Fire
Zarephath, N.J. WBBR-1330 Watch Tower Society
Brooklyn, N.Y. WNTC- 330 The City of New York
New York, N.Y. KFJM-1440 University of North Dakota
Grand Forks, N.D. WOSU- 820 Ohio State University
Columbus, Ohio WNAO- 540 University of Oklahoma
Norman, Okla. KOAC- 550 Oregon State Agricultural College
Corvallis, Ore. KBPS-1450 Benson Polytechnic School
Portland, Ore. WSAJ-1340 Grove City College
Grove City, Pa. WCAE- 690 University of South Dakota
Vermillion, S.D. WCAT-1230 South Dakota School of Mines and Technology
Rapid City, S.D.

NEPT WEEZ: ATLANTA IN THE MID-1970S, BY MALCOLM MARVELL.
WE HAVE QUITE A FEW MORE INTERESTING TRIPS INTO
NOSTALGIA-LAND. WE'LL STILL WELCOME MORE, THROUGH.
THEY'LL APPEAR IN DUE TIME. -ERC