



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

Volume 47, Number 15

Monday, February 4, 1980

STATIC FROM HQ

This is an "experimental" issue. We're running several things with a different reduction to see if we can improve readability. The Frequency Check List and one page of Musings (p. 47) will go at 75%. Another Musings page was redone using carbon ribbon with pica type. We'd like your comments, favorable or unfavorable. Also, if anyone has a pretty decent typer which could be donated to the club, we'll forward it on for use of Ernie Cooper. Inside you'll note that Ray Arruda has announced he is stepping down as editor of DDXD. We are working on finding a person of the same excellent caliber to replace Ray. He has been extremely dependable and his contribution to NRC is certainly appreciated. A note from Dave Arbogast tells us the v/s for WENT-1520 is George Paul, CE who is friendly to DXers. This type info goes to Ernie Cooper, but we decided to include it here lest we lose it. This week Dick Truax, Gary Atkins and your typist, Pat Hartlage are putting this "biggie" together. Keep those cards and letters coming!

CPC TESTS

2/18 WROM-710 Rome, GA 0130-0230 Eastern Local Time (ELT), 500/1000 watts, Mon. may use both powers. Tones/music/frequent IDs. Reports to John Steadham, CE, WROM, P.O. Box 1546, Rome, GA 30161. If they can't go on 2/18, then try 2/25. Arranged: Nejl Zank, NRC.

2/18 KURL-730 Billings, MT 0201-0230 ELT, 500 watts. Will include tones, Mon. frequent IDs and Gospel music. Reports to Albert Ortman, CE, KURL Radio, P.O. Box 31038, Billings, MT 59107. Arranged: Pat Hartlage.

3/5 WJAZ-960 Albany, GA 0000-0030 ELT, 5 kw, directional mainly to SW. Wed. Will use 1000 Hertz tone and ID every 40 seconds! Prepaid calls to (912) 432-9181. Reports to Sam Dudas, CE, at Sam's personal address: P.O. Box 772, Albany, GA 31702. Arranged: Jim Wallace, 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.

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We have a little more "Static" for this space. Jerry Starr writes to tell us that even the LPC folks are invited to attend the YAD GTG to be held over Memorial Day weekend. More info to follow. Also please note there is a "skip" week build into the DX News schedule for both February and March. DXN dates are: Feb. 11 and 25; March 3, 10, 17 and 31. 73 de LPC.

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The officers and membership of the
NATIONAL RADIO CLUB

hereby officially recognize

BILL MEERS

as having exhibited an active interest in the hobby of
 Broadcast Band DXing as well as an ability to receive
 long distance radio transmissions on the medium wave
 frequencies and, having paid his annual club dues,
 is entitled to all the rights and privileges of a full

MEMBER

in good standing of the National Radio Club and
 the international radio fraternity.

NRC Membership Certificates
 are available from the NRC
 Secretary, P.O. Box 32125,
 Louisville, KY 40232. This
 certificate is 9 x 11 and
 suitable for framing! We
 ask for return postage for
 this item; 15¢ if you don't
 mind it folded; 28¢ other-
 wise.

Certified by:

Pat Hartlage
 Pat Hartlage

For National Radio Club

Date of issue: January 27, 1980

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

DOMESTIC DX DIGEST

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

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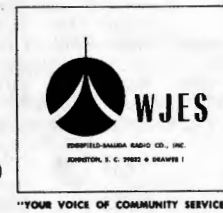
It is with sad regret that I must leave the post as DDXD Editor. I am unable to continue to dependably serve as editor due to time limitations. This has been a tough decision for me but I feel it's the right one for me as well as The NRC, and the past 2 years at this position has been a worthwhile experience. I'll be happy to furnish my successor any help, and also a copy of an equipment list of all members that have made contributions to DDXD in my 2 year tenure as Editor. A lot of personal satisfaction has been derived by editing DDXD and as mentioned earlier, the experience was rewarding and very worthwhile.

DX TEST

KBGN - Heard by RK-IL

FREQUENCY CHECKS

1st Mon. KFSA-950 Not on (RK-IL)
 KMPX-950 TT & IDs about every min. (RK-IL)
 1st Tue. KINO-1230 Per list (WH-CO)
 KRRR-1360 Per list, Code IDs. (WH-CO)
 KDAP-1450 Per list, TT only (WH-CO)
 Above 3 run on 2nd Tue. because of New Year. (WH)
 2nd Wed. WHUB-1400 Per list w/TT only. (WH-CO)
 2nd Thu. KMAV-1520 Announced f/c 0145-0200. (WH-CO)
 2nd Sat. KNLV-1060 Per list (WH)
 KDGO-1240 Per list (WH)
 KAHL-1410 Per list (WH)
 2nd Mon. KCLV-1240 Per list, only 5 min. (WH-CO)
 KBMY-1240 Heard 0240-0250 (WH-CO)
 3rd Tue. KNFT-950 Announced f/c 1/15 0200-0215 (WH-CO)
 KBRX-1350 Per list (WH-CO)



SPECIAL

1060 WKKQ MN HIBBING - 1/7 on AN MM due to blizzard warnings, snow emergency. (GH-KS) (KDF-IL) (SRS-IN)
 1330 WRRD MN ST. PAUL - As of 1/14 has been purchased by MPR, Minnesota Public Radio, is on limited hours, operating from 0600 to 1000 only, with all nx format. May change calls to KSJN which is their FM call. (GL-MN)
 1390 KCBC IA DES MOINES - Has been off AN for 3-4 weeks now. (WH-CO)
 WEAM VA ARLINGTON - 1/14 now Big Band 0600-0000. (TB-DC) (HY-TN)
 1400 WKPT TN KINGSPOINT - As of 1/14 is now 24 hrs. AN-6, SP MM 0005-0457.
 1440 WBCM MI BAY CITY - 1/3 1700 was WRRD, now T40 mx & IDs as "The New WBCM." (JF-ON)
 1480 CKAN ON NEWMARKET - The assumed station testing 1/5 driving north of Newmarket 1300-1500 w/OC, no audio, again 1/12 1200-1830 on TRF at home, several checks, just OC, no audio. Not noted Sundays 1/6 & 1/13. (BG-ON)
 1520 WVOB MD BEL AIR - 1/14 good 1825, on late for snowstorm. (SW-MA)

Some more changes noted by Wayne Heinen:

540-KNAK Net is now Mutual.
 800-XEROK Domestic Address is 7400 Viscount Avenue, El Paso, TX 79925.
 1370-KSHY New Address: 1616 Warren Avenue, Zip 82001, Format: REL, 0800-1380-KCNW Net, Mutual, Format: REL.
 S/on.

MIDDAY IN THE BAR ROOM

550 WKRC OH CINCINNATI - 1/7 1659 "55-KRC" ID, Rock mx, blown away @ pattern change by WGR @ 1700. (MT-MD)
 560 WFRB MD FROSTBURG - 1/10 1730 fair o/u WFIL w/C&W mx. (EB-PA)
 580 CKWW ON WINDSOR - 12/21 2155 w/local hockey, no sign of semi-local CKAP. (MS-ON)

610 CKTB ON ST. CATHERINE'S - 1/10 2105 good w/St. Catherine's wx, o/strong Morocco - 612 het, WGIR nulled, usual WIP not noted. (MC-MA)

620 WHEN NY SYRACUSE - 12/21 2142 w/list of area jobs loud o/semi-local CFCL. (MS-ON)

WHJB PA GREENSBURG - 1/7 1655 good w/Rock. (WT-MD)

WTMJ WI MILWAUKEE - 1/9 poor w/wx, ID @ 1738. (SW-MA)

630 WJDB AL THOMASVILLE - 1/6 1804 fair/poor w/end of nx & ID u/KXOK. (KDF)

CFCY PEI CHARLOTTETOWN - 1/10 2122 good w/ID, temp. check, then Pop mx, atop 2nd station w/BKB game, WPRO w/Rock nulled. (MC) 12/21 2133 w/ID, jx, safe driving ments. & Pizza ad, never heard PEI in 7 years of DXing from ON, 1964-1971. (MS-ON)

CHLT PQ SHERBROOKE - 12/21 2002 FF w/ID, Pop mx. (MS-ON)

690 CFCO ON CHATHAM - 12/21 2128 w/Pop mx, wx. (MS-ON)

WYIS PA PHOENIXVILLE - 12/19 1610 strong w/CBF w/Christmas mx, many local spots. (JF-ON)

700 KGGF KS COPPEYVILLE - 1/15 1606 xlint w/nx, wx, mx, reported. (PM-IL)

WLW OH CINCINNATI - 12/18 surprise daytime skywave logging in as late as 1030. (MS-ON)

710 WDSM WI SUPERIOR - 12/21 2240 w/C&W mx, ID as "710 WDSM Country." No sign of near local CKVM. (MS-ON)

730 CHYR ON LEAMINGTON - 1/10 2058 EE talk, Ontario Lottery announcement, ID, heard in CKAC null. (MC-MA)

WPIT PA PITTSBURGH - 1/7 1715 REL, then s/off w/ment. of "Gateway Towers." (MT-MD)

WPAL SC CHARLESTON - 1/14 1728-1730 loud in CKAC null w/end of Anthony Baxter Show, s/off, no SSB. (RA-MA)

790 KULF TX HOUSTON - 12/30 1810 good w/Rock mx, some WMC QRM. (JH-GA)

KFGO ND FARGO - 1/13 very good w/ID @ 1737, C&W mx. (PM-IL)

CKSO ON SADBURY - 1/13 xlint w/T40 mx, ID @ 2249. (PM-IL)

KURM AR ROGERS - 1/15 fair 1815 w/ID, many ments. of Rogers. (PM-IL)

800 WSHO LA NEW ORLEANS - 1/4 1751 good w/Rock mx. (JH-GA)

810 WSJC MS MAGEE - 1/6 1800-1808 GOS, ID strong but hard to read @ times due to WGY QRM. (MT-MD)

850 WKIX NC RALEIGH - 1/9 1724 xlint w/state wide wx, ID. (EB-PA)

870 WGTI NC KANNAPOLIS - 1/5 1715-1730 strong w/WWL/WKAR w/T40 mx to s/off w/Lord's Prayer. (JF-ON) (MS-ON)

910 CKLY ON LINDSAY - 12/21 2227 w/hockey, Lindsay Muskies vs. Pt. Perry.

WOKK MS MERIDIAN - 1/5 fair in mess @ 1757 w/ID & C&W mx. (PM-IL)

KGLC OK MIAMI - 1/5 fair @ 2215 w/ID, "Main Event" by Barbara Streisand. (PM-IL)

KLCN AR BLYTHEVILLE - 1/6 good w/UPI Nx & ID @ 1804. (PM-IL)

WAKO IL LAWRENCEVILLE - 1/13 poor @ 1759 s/off w/FM 103 ments. (PM)

920 KLMR CO LAMAR - 1/11 good w/wx, spot, ID @ 1831 then C&W mx. Noted again 1/12 xlint 1739-1953 for report w/C&W mx. (PM-IL)

WGST GA ATLANTA - 1/16 fair in WBAA null @ 1701 w/nx. (PM-IL)

930 WSOC NC CHARLOTTE - 12/28 1658-1702 weak w/WBEN w/ID, NBC Nx. (JF-ON)

WKY OK OKLAHOMA CITY - 1/12 fair w/OK State-CO BKB game, ID @ 1602. (PM-IL)

940 WJOR MI SOUTH HAVEN - 1/9 way o/CBM 1659 w/MoR mx, ID & wx. (SW-MA)

950 KRSI MN ST. LOUIS PARK - 1/7 1750 atop w/Howard Cossell on Ac then wx. (RK-IL)

960 WEAV NY PLATTSBURG - 12/21 1944 w/contest results topping usual CKWS. (MS-ON)

WRFC GA ATHENS - 12/26 1728 1/2 atop channel w/spots. (RK-IL)

KNEB NE SCOTTSBLUFF - 1/7 1841 fair w/sports, many ments. of western NE. (RK-IL)

KGIR MO CAPE GIRARDEAU - 1/6 good w/ID, Pop mx @ 2206. (PM-IL)(JF-ON)

970 WRKH MS BRANDON - 1/6 1815 very weak @ s/off w/ment. of FM WRJH 97.7.

WDAY ND FARGO - 1/13 fair/good w/ID @ 1757, then rr mx. (PM-IL)

980 WBOP FL PENSACOLA - 12/28 1645 xlint w/early s/off, FM ments. (BB-NY)

990 WNRV VA NARROWS - 1/6 1725-1730 w/Rock mx to s/off. (MT-MD)

1000 UNID --- --- - 12/24 2200-2234 w/Acid Rock looped NW, no IDs. (BB-NY)

UNID --- --- - 1/6 1800 s/off, weak IDs sounded like WAVI, any help? (PM-IL) WABT in Montgomery maybe. (RA)

WSUM OH PARMA - 1/13 1709-1716 weak u/WCFL w/REL. to s/off w/no SSB. (RA-MA)

1010 WGUN GA ATLANTA - 1/4 fair @ 1745 s/off. (PM-IL)

1030 KCTA TX CORPUS CHRISTI - 1/13 xlint in WBZ null @ 1900 s/off. (PM-IL)

1050 WACR MS COLUMBUS - 1/1 1804 fair/good w/spots, mx. (KDF-IL)

KFMJ OK TULSA - 1/5 fair @ 1828 s/off, ID "Your Gospel Station, KFMJ." (PM-IL)

KMIS MO PORTAGEVILLE - 1/6 fair/poor @ 1800 s/off. (JH-GA)

1060 KHYM TX GILMER - 1/5 fair/good @ 1800 w/ID, wx & C&W mx. (PM-IL)

WBWB MI WEST BRANCH - 1/8 fair @ 1629 w/ads mentioning West Branch. (SW-MA) (PM-IL)

1090 KLDL CO DENVER - 1/11 poor in KAAV null, w/mx, area ments. @ 1851.

1130 WCXI MI DETROIT - 1/7 1553 Detroit wx, ID, into C&W mx approx. 2 hrs. before sunset. (EB-PA)

KWKH LA SHREVEPORT - 1/7 1824 xlint w/WMGA w/C&W mx, SID. (PM-IL)

1140 KSOO IA SIOUX FALLS - 1/8 1813 fair w/Paul Harvey "The Rest Of The Story", ID & wx. (PM-IL)

1150 CJRC ON OTTAWA - 12/20 @ 1300, interesting daytime catch w/FF mx & talk. (MS-ON)

KSAL KS SALINAS - 1/10 fair 2346 w/ID & T40 mx. (PM-IL)

WYNE WI APPLETON - 1/12 atop w/IDs, wx, & 1745 s/off. (SW-MA)

1170 WAMB TN DONELSON - 1/7 tentative 1636-1638 w/Big Band mx. (BB-NY)

They are now on 1170 w/Big Band, I would say it was them for sure, Bill. (RA-MA)

WLKE WI WAUPUN - 1/8 very good w/political ad, ID, C&W mx 1657. (SW)

1180 WLWO FL MARATHON KEY - 1/6 2045 good w/WHAM w/Spanish, did not ID as VOA. (PM-IL)

1190 KWMB MN WABASHA - 12/21 weak w/WOWO w/spot for store in Alma. (JF-ON)

1230 WKBO PA HARRISBURG - 1/14 1750 wx, spot for Ice Capades, good briefly, then QSBd down into GY mess. (WPT-DC)

1250 WETU AL WETUMPKA - 1/6 1800 fair @ s/off. (RK-IL)

WARE MA WARE - 1/6 2000 good o/WTAE, new heard on TRF. (BB-NY)

1260 WGWV NC ASHEBORO - 12/19 1700 fair w/ID. (RK-IL)

KGBX MO SPRINGFIELD - 1/12 1709 fair/good o/WNDE/WIBV w/local wx. (PM)

1270 WLIK TN NEWPORT - 1/6 1734-1744 potent signal, 1st time heard in 3 yrs. w/GOS mx, local spots. (MT-MD)

1290 WVOW WV LOGAN - 12/19 1712 good w/spots. (RK-IL)

WFBG PA ALTOONA - 12/26 1633 1/2 good w/nx. (RK-IL)

KNBO MN BENSON - 12/26 1707 fair w/ID, then gone. (RK-IL)

WWSA GA SAVANNAH - 1/6 1729 fair w/ID. (RK-IL) (WPT-DC)

WEYE NC SANFORD - 1/9 1729 fair @ s/off u/WFBG w/o NA, #14 on 1290.

WTMC FL Ocala - 1/16 1731 w/wx by male annr. (TB-DC)

1310 WWKR MI DEARBORN - 12/30 @ 2230 w/ID mentioning FM affiliate & public affairs programming. (MS-ON)

WFAH OH ALLIANCE - 1/3 1715 s/off, but no announcement or ID, just carrier cut. (DA-OH)

WDOD TN CHATTANOOGA - 1/3 1717 fair/poor after abrupt WFAH s/off w/live traffic reports from chopper. (DA-OH)

WTKN NC DURHAM - 1/7 1715 fair/good w/editorial. (RK-IL)

1320 WRJW MS PICAYUNE - 1/4 1815 fair @ s/off. (RK-IL)

1330 WKKR IN EVANSVILLE - 12/26 1759 1/2 fair w/ID on call change. (RK-IL)

WFBC SC GREENVILLE - 1/3 2100 o/u WHOT w/ID, speech by Pres. Carter. (DA-OH)

1350 WSMB LA NEW ORLEANS - 1/5 strong, alone on frequency w/local nx @ 1700. (JF-ON)

1360 KKBK MN BEMIDJI - 12/28 1731 weak w/WKYO w/spot for store on Hwy. 2. (JF-ON)

KNIR LA NEW IBERIA - 1/4 fair in mess w/many local spots, SIDs & C&W mx @ LSS. (JF-ON)

WKMI MI KALAMAZOO - 1/10 1833 good w/ID & T40 mx. (PM-IL)

1370 WCOA FL PENSACOLA - 1/4 1800 weak w/WSPD w/traffic & wx reports by YL annr, into nx. (JF-ON)

1380 KBWD TX BROWNWOOD - 1/3 1952 fair to xlint @ times w/T40 mx, ID, Station #550 on BCB. (PM-IL)

1390 WTJS TN JACKSON - 12/19 1701 surfaced w/ID. (JF-ON)

WHMA AL ANNISTON - 1/3 1712 briefly atop w/stock report. (JF-ON)

KJFW MO WAYNESVILLE - 1/6 1730 poor w/area ments. mixing w/UNID station. (PM-IL)

CHOO ON AJAX - 1/10 1823 fighting WVON w/C&W mx, local spots. (PM-IL)

1400 CKCB ON COLLINGWOOD - 1/9 good w/mx & spot @ 1624. (SW-MA)

1420 WOC IA DAVENPORT - 12/18 2330 breaking thru CKPT w/ID. (MS-ON)

1430 WYMC KY MAYFIELD - 12/27 1734 fair w/ID. (RK-IL)

WWWQ FL PANAMA CITY - 1/5 1800 blasting in o/WIRE/WIL w/"3WQ" IDs, rr to 1802 then gone...pattern change? (SRS-IN)

WFOB OH FOSTORIA - 1/7 1758 good/fair o/WIRE/WIL w/Hi Trip promo, TC, detailed ID & local nx @ 1800. (SRS-IN)

1440 WHHY AL MONTGOMERY - 1/4 1743 fair w/WBCM/WCHB w/T40 mx & promo for movie "Prize Fighter." (JF-ON)

KDNT TX DENTON - 1/5 2058 fair/good w/nx, ID 2100, into C&W mx. (SRS)

1460 WKAM IN GOSHEN - 1/12 1925 fair w/KSO, Rock & AM-FM IDs. (PM-IL)
 1480 WHBC OH CANTON - 12/17 w/ID & wx @ 1708. (MS-ON)
 KEHG MN FOSSTON - 12/22 1630 strong & alone w/Christmas mx. (JF-ON)
 WCIN OH CINCINNATI - 1/3 1727 fair w/ID/TC, sports, Soul mx. (SRS-IN)
 WABB AL MOBILE - 1/12 fair/good 2205 w/ID & wx. (PM-IL)
 1500 KSTP MN ST. PAUL - 1/8 mixing w/WTOP w/wx @ 1746. (SW-MA)
 1510 WITS MA BOSTON - 12/21 2335 w/sports phone-in program. (MS-ON)
 1530 WTHM MI LAPEER - 1/8 1710 good w/wx, ID, C&W mx. (MC-MA)
 WRBX NC CHAPEL HILL - 1/9 1730 noted good @ s/off. (TB-DC)
 WJDM NJ ELIZABETH - 1/10 ID, then nx. (TB-DC) Time? (JF-ON)
 1540 KGBC TX GALVESTON - 1/4 1840-1855 fair o/ZNS1 w/C&W mx, local spots.
 1550 WYNX GA SMYRNA - 1/3 1724 fair/good w/GOS mx, promos, ID o/CBE/WCSJ & others. (SRS-IN)
 WYOU FL TAMPA - 1/9 1801 s/off noted w/no SSB. (TB-DC)
 1560 WAGC AL CENTRE - 1/4 1758 fair/good @ s/off. (RK-IL)
 KGUL TX PORT LAVAC - 1/4 1856 good w/spot. (RK-IL)
 WAGL SC LANCASTER - 1/6 1748 fair/good w/WPAD w/s/off w/America The Beautiful 1749 & off. (SRS-IN)
 KDDA AR DUMAS - 1/6 1755 very poor w/YL anncr w/ments. of AR, wx ID to nx @ 1800, lost @ 1808. (SRS-IN)
 1570 KSRB AR HARDY - 1/7 1759 poor, ID then mx. (EB-PA)
 1580 WPMP MS PASCAGOULA - 1/3 1800-1815 strong & alone after WCCF s/off w/Paul Harvey to detailed s/off w/WCOR-FM ments. Heard almost every day since, so maybe 5KW increase is in effect. (JF-ON) It is. (RA)
 WCGF FL PUNTA GORDA - 1/3 1801 strong o/WPMP w/s/off, no SSB. (JF-ON)
 WZKY NC ALBEMARLE - 1/4 ID & 1727 s/off. (TB-DC)
 WSRP FL FT. LAUDERDALE - 1/5 1936 poor/fair in CBJ null w/jx ID, C&W mx (?) (SRS-IN) They are indeed C&W, was progressive Rock not to long ago. (RA-MA)
 KPIK CO COLORADO SPRINGS - 1/9 w/GOS program mixing w/CBJ to 1700 s/off, fair signal. (PM-IL)
 KZIA NM ALBUQUERQUE - 1/3 1915 noted tail end of s/off in KLOU QRM, unexpected surprise! (JH-GA) 1/9 poor w/local nx @ 1705. (PM)
 KNIX AZ TUCSON - 1/4 1923 poor w/ID & promo for local BB team. (JH-GA) 1/9 weak but clear in CBJ null w/station promo, several IDs, forgot time. (PM-IL)
 1590 KKAY LA WHITE CASTLE - 1/3 1846 in the clear w/s/off. (JH-GA)
 KDEX MO DEXTER - 1/6 1705 poor w/wx for SE MO, ID on tape. (PM-IL)
 WATM AL ATMORE - 1/7 1809 fair w/area ments. then covered by WAKR. (EB-PA)
 1600 KXVI TX PLANO-MCKINNEY - 1/3 1840 GOS mx & PSA for Religious Services. (JH-GA) 1/3 1830 fair/good w/GOS, IDs, promo for Services in Wiley, TX. (SRS-IN)
 KBBB TX BORGES - 1/3 1900 fair w/C&W mx then s/off @ 1901. (SRS-IN)
 WKVP FL KEY WEST - 1/3 1900 fair w/ID, a surprise @ 500W. (PM-IL)
 WHEU WV WHEELING - 1/6 poor @ 1713 w/partial s/off anncmt. (PM-IL)
 KATZ MO ST. LOUIS - 1/7 1825 good w/Soul mx, "KATZ Nxtime, 5:25." (EB)
 WEUP AL HUNTSVILLE - 1/7 1757 many ments. of Huntsville, xlnt w/local nx, wx. (EB-PA) 1/12 fair w/ID @ 1758. (PM-IL)

MIDNIGHT IN THE TAXI ON THE WAY HOME FROM THE BAR ROOM

560 KMON MT GREAT FALLS - 12/16 0505 good w/Ai Nx, SID, C&W mx, WIND off. (RK-IL)
 WFRB MD FROSTBURG - 12/16 0601 1/2 fair @ s/on, WIND off til 0615. (RK)
 WPIL PA PHILADELPHIA - 1/7 0210-0229 w/Radio Moscow Olympic Preview. (BB-NY)
 590 WPLO GA ATLANTA - 1/12 0606 fair u/WOW w/wx & ID. (KDF-IL)
 630 WHAL DC WASHINGTON - 12/24 0132 fair w/ID. (RK-IL)
 CNRC MB WINNIPEG - 1/7 0526 heard to 0540 w/ID, ads, mx. (GH-KS)
 KXOK MO ST. LOUIS - 1/14 mixing w/CKRC while KHOW was off MM but ETING w/TT/OC. (WH-CO)
 640 KFI CA LOS ANGELES - 12/26 thru 12/30 nightly o/Cuban, 1st time heard in 5 years, taped. (BB-NY)
 660 KCRO NE OMAHA - 12/14 0715 strong o/KSKY, no WNBC w/s/on, into REL. (JF-ON)
 680 CKGB ON TIMMINS - 12/16 0302, fair w/nx, WMAQ off. (RK-IL)
 690 WTIX LA NEW ORLEANS - 1/6 fair 0153 w/ID. (PM-IL)
 790 WETB TN JOHNSON CITY - 1/7 0645 strong o/WTAR/CHIC w/PSA for Navy then T40 mx. (JF-ON)
 830 WCCO MN MINNEAPOLIS - 1/14 off an ETING w/TT MM. (TB-DC)
 870 WFLO VA FARMVILLE - 12/25 0714 1/2 good in WWL null w/s/on. (RK-IL)

920 WKYD AL ANDALUSIA - 12/26 0600 fair w/s/on. (RK-IL)
 930 WJAX FL JACKSONVILLE - 1/6 0600 good @ s/on w/ID, CBS Nx. (SRS-IN)
 940 WYLD LA NEW ORLEANS - 1/6 0413 fair, weak w/local PSA, TC, wx, ID & Soul mx. (SRS-IN)
 950 WLSQ AL MONTGOMERY - 1/6 fair w/wx 0254 T40 mx, ID. (PM-IL)
 WIBX NY UTICA - 1/14 noted AN MM due to upcoming Winter Olympics. (RA)
 970 UNID -- ----- 1/6 0244-0254 w/EZL mx, no IDs, sounded like WDAT(?) (BB-NY)
 WAKX WI SUPERIOR - 1/13 0740 good o/WDAY w/many spots. (KDF-IL)
 1000 WVOV AL HUNTSVILLE - 1/7 0157-0158 xlnt w/"on air for audio tests" new, taped. (BB-NY)
 1070 WFLI TN LOOKOUT MOUNTAIN - 1/7 0233 very good on ET/mx, ID. (SW-MA)
 WKOK PA SUNBURY - 1/8 0755-0800 good o/CBA/WKDR w/sports, ID @ 0800. (MC-MA)
 WDIA TN MEMPHIS - 1/14 0421-0435 on ET/mx w/KNX off. (WH-CO)
 KENR TX HOUSTON - 1/14 AN w/C&W mx w/KNX off. (WH-CO)
 1090 KTKG ND TIOGA - 1/13 0805 fair w/APR Nx, jx, C&W mx. (KDF-IL)
 CKKW ON KITCHENER - 1/7 in well @ 0049 w/Glenn Campbell song & sports promo, 1st time w/WWE off. (DA-OH)
 1100 WWWE OH CLEVELAND - 1/7 noted off @ 0045. (DA-OH)
 1110 WBT NC CHARLOTTE - 1/7 w/tele-talk @ 0043, 1st time in WWWE SP. (DA)
 CKJD ON SARNIA - 1/8 0806 good in WHIM null w/nx, ID. (MC-MA)
 1130 WLBA GA GAINESVILLE - 1/7 0738 fair o/u WISN w/spot. (RK-IL)
 WMGA GA MOULTRIE - 1/7 0748 fair w/area ments. & spots, stock market report. (PM-IL)
 1210 WADE NC WADESBORO - 12/26 0715 fair/good @ s/on. (RK-IL)
 1230 WTCJ IN TELL CITY - 1/7 0514 good in WJOB MM SP w/rr, ID, spots. (SRS)
 WQUA IL MOLINE - 1/7 0514-0523 surfaced briefly w/ID then gone. (SRS)
 KEXO CO GRAND JUNCTION - 1/14 0150-0205+ ET/TT/ID. (WH-CO)
 1250 WTAE PA PITTSBURGH - 1/6 0319 good w/SID, T40 mx. (PM-IL)
 KCUE MN RED WING - 1/7 0715 strong o/WOXO w/school closings. (JF-ON)
 CHWO ON OAKVILLE - 1/17 mostly o/WTAE 0022 w/Pop mx, ID, sports. (SW)
 1270 WYAC SC SURPSIDE BEACH-GARDEN CITY - 1/7 0559 fair @ s/on w/SSB. (RK)
 WKRW GA CARTERSVILLE - 1/7 0600 w/SID @ end of s/on, WWCA off. (RK-IL)
 1290 CJBK ON LONDON - 12/24 0316 good w/ID. (RK-IL)
 1300 WQPM MN PRINCETON - 1/7 0730-0745 weak w/WERE w/school closings.
 1320 WVOJ FL JACKSONVILLE - 1/7 0133 fair w/consumer tips, ID. (SW-MA)
 1330 WPOW NY NEW YORK - 1/8 0830 good @ apparent s/off w/"You have been listening to WPOW, New York." WDLW nulled. (MC-MA)
 WEBO NY OWEGO - 1/8 0831 good in WDLW null w/local nx, ID. (MC-MA)
 1340 WCSR MI HILLSDALE - 12/24 0504 fair w/ID. (RK-IL)
 CKNR ON ELLIOT LAKE - 1/5 0217 popped in briefly w/promo. (RK-IL) 1/17 good w/Abba song, ID @ 0010. (SW-MA)
 1350 WNIS VA PORTSMOUTH - 1/12 0158 good o/WIOU w/local spots, ID & NBC Nx. (SRS-IN)
 1360 WMNE WI MENOMONIE - 1/6 0741 poor u/WLBK w/ID. (KDF-IL)
 1390 WFBL NY SYRACUSE - 1/14 WEAM off MM, this noted w/mx, promos, SID. (TB-DC)
 1400 WHMP MA NORTHAMPTON - 1/6 0303-0304 new, fair w/local nx, ID. (BB-NY)
 1420 WPLY WI PLYMOUTH - 1/2 0706 poor u/WVJS/WOC w/nx & wx. (KDF-IL)
 WLET GA TOCCOA - 1/8 0000-0003 VID, then ET/TT. (TB-DC)
 1430 WENE NY ENDICOTT - 1/6 0127-0129 fair w/Larry King. (BB-NY)
 1440 WROK IL ROCKFORD - 1/6 0140 poor/fair w/ID, T40 mx. (PM-IL)
 1470 WBKV WI WEST BEND - 1/4 0740 fair u/WMBD w/nx, spots, sports program, no WMPP QRM. (KDF-IL)
 1490 WKVQ TN KNOXVILLE - 12/26 0200 good in WOPA null w/ID. (RK-IL)
 WYTL WI OSHKOSH - 12/31 0154-0200 w/NBC Nx to 0156, local nx, into Jay Stevens Show...#499. (BB-NY)
 WDXB TN CHATTANOOGA - 12/31 0331-0336 fair w/wx, station #500. (BB-NY)
 WWDE VA HAMPTON - 1/7 0302-0303 fair w/wx, ID, new. (BB-NY)
 WKVT VT BRATTLEBORO - 1/14 0012 tentative, missed QTH but call letters & s/off time led to claim. (WPT-DC)
 1500 WCZY MI DETROIT - 1/14 0057 on ET, 1st time heard w/new call. (TB-DC)
 UNID -- ----- 1/14 0355-0430 non-stop EZL/MOR stuff, weak, brief break after every 3rd or 4th song, no spots. (TB-DC) Probably WCZY, Tom. SP is MM 0000-0300. Back on 0300 w/EZL mx, few IDs. (RA-MA)
 1510 CKOT ON TILLSONBURG - 12/21 0827 w/talk about U. Of Western ON BKJ Tournament to be held in London, ON. (MS-ON)
 1530 WRXV ME AUBURN - 1/10 0020 on ET/ID. (TB-DC)
 KFBK CA SACRAMENTO - 1/14 fair w/panel talk show until WCKY came on w/OC @ 0345. (TB-DC)

BEGINNING MONDAY, JANUARY 14th

14.WKPT

the music station
24 HOURS
EVERYDAY!

Except Mon. 12:05 am - 4:57 am



KFUO
LUTHERAN
RADIO

850 AM 801 DeMun Avenue
99.1 FM St. Louis (Clayton), Missouri 63105

- 1550 WAAY AL HUNTSVILLE - 1/7 noted on ET @ 0114. (TB-DC) 1/7 RT/ID @ 0127. (SW-MA)
- 1560 KRBB OK SALLISAW - 1/10 noted conducting PoP 0200-0225+ (WH-CO)
KKAAs SD ABERDEEN - 1/10 noted conducting PoP 0200-0225+ (WH-CO)
- 1570 WOBs IN NEW ALBANY - 1/7 0643 fair w/ID, GOS programming. (SRS-IN)
WLBQ KY MORGANTOWN - 1/7 fair w/ID @ 0701. (PM-IL)
WPGM PA DANVILLE - 1/9 0706 w/nx. (TB-DC)
WBUX PA DOYLESTOWN - 1/9 0718 good w/ID for taping. (TB-DC)
CKLQ MB BRANDON - 1/14 0331 wx followed by C&W mx. (TB-DC)
- 1580 KNIX AZ TEMPE-PHOENIX - 12/16 0308 xltnt w/ID, State #40. (BB-NY)
WCRV NJ WASHINGTON - 1/8 0912 atop WYFA w/Bank spot, Warren County ments, jx ID, then MoR mx. (MC-MA)
- WPGC MD MORNINGSIDE - 1/9 0702 on w/low power then off until 0725 back to full power, OC, then RS. (TB-DC)
- 1600 WACX GA AUSTELL - 1/7 poor w/quick ID @ 0600, then gone. (PM-IL)
WJZA TN HARRIMAN - 1/7 0701 fair w/"Z-16" ID. (PM-IL)
WSTL KY EMINENCE - 1/7 0702 good w/ID mixing w/others.. "KY Country Sunshine." (PM-IL)

We welcome all new reporters this week. That does it for another DDxD, a real fine showing this time. See you in a week. 73....

R.R.

THE BIG 21

- | | | |
|--------|--|-----------------------------|
| DA-OH | David Arbogast, Edinburg, OH | DX-160, 2 Lws |
| BB-NY | Bill Bergadano, Staten Island, NY | RF-1150, LW, CB Ant. |
| EB-PA | Eric Breon, Middletown, PA | TRF, BCR-101, LW |
| TB-DC | Tom Bull, Washington, DC | 5J4, Radio West Loop |
| MC-MA | Mark Connelly, Billerica, MA | TRF |
| JF-ON | Jeff Falconer, Clinton, ON, Canada | 51J-4, TRF, SM2 |
| KDF-IL | Karl Forth, Chicago, IL | HQ-160, Loop |
| BG-ON | Bryan Griffiths, Toronto, ON, Canada | TRF, Car Rx |
| WH-CO | Wayne Heinen, Colorado Springs, CO | RBB-4, MW-1, LW, Loop |
| GH-KS | Gary Houdek, Munden, KS | Western Auto Portable |
| JH-GA | John Hunter, Rossville, GA | TRF, 150' LW |
| RK-IL | Robert Kramer, Chicago, IL | HQ-129X, HQ-100C, LW, Loops |
| GL-MN | Gary Lovegren, St. Paul, MN | TRF, Radio West "Shotgun" |
| PM-IL | Pat Mason, Mahomet, IL | TRF, Select-A-Tenna |
| SRS-IN | Steven Shaffer, Hammond, IN | TRF |
| MS-ON | Morris Sorensen, Kirkland Lake, ON, Canada | TRF |
| WPT-DC | William P. Townshend, Washington, DC | TRF |
| MT-MD | Mike Tuggle, Bel Air, MD | Lyonodyne X-tal Set, LW |
| SW-MA | Sharon Waterman, Southwick, MA | HA-600, LW |
| HY-TN | Howard S. Young, Kingsport, TN | |
| RA-MA | Rocket Ray, Acushnet, MA | SX-122, tubes missing |

PLAN NOW FOR
LABOR DAY IN L.A.!

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.

Is this the space that is for rent, LPC?

- 621 UNID Canary Islands probable here as het against WLBZ 0036 1/12. (Connelly)
- 650 MEXICO XETNT Los Mochis 1/2 0251 caught "XETNT... seis cincuenta kilohertz", evidently s/off. Good sig, KFI slop. (Toebe)
- 700 COLOMBIA HJGX Cali 1/5 0620 w/"Radio Sutatenza" ID o/WLW; fair sig. (Toebe)
- 700 COSTA RICA FIMM San Jose good w/rock, disco mx, TC, ID "TIHB R. Reloj" OSC2 1/6 o/u unid w/essy listening mx, WLW off. (Forth)
- 710 MEXICO XEPS Enpalmé 1/17 0515 SS sig u/KMPC all evening; occasional fade-ups; caught w/"Radio Amistad" slogan. (Toebe)
- 719 PORTUGAL Norte xltnt on car rx at Waterfront Park in Boston: loud and clear w/pop group vocal, then woman in PP; 720 just a feeble het, 2228 1/11. Back at the house in Billerica a half hour later WGN-720 was dominant and 719 was the background het. (Connelly)
- 720 PANAMA Chitre 1001 1/12 in KDOWN SP; no WGN; "Republica del", "Radio Republica"; upbeat latin mx; again ID'ed 1009, very weak and faded slowly in and out. WGN came in shortly thereafter, covering this. WRTH lists this w/1 kw. I don't exactly have a sophisticated shack, just a portable. Is there another R. Republica?SS on 750 instead of usual WSB so I guess it's possible, but still..... (Toebe) Why not? They've been heard before-CH
- 765 SENEGAL Dakar good w/man in Fr 2218 1/9 and loud w/FR talk, native mx 2210 1/10 on car rx. (Connelly)
- 774 SPAIN Caeres et al good, killing WABC: light mx, then man in Fast SS, 2230 1/11. (Connelly)
- 783 UNID somebody here briefly good w/a-capella AA male chanting; it quickly faded-782 PP not noted 0030 1/12. (Connelly)
- 820 CUBA Habana 1/6 1215 good signal w/man and woman anncrs, "Radio Ciudad de la Habana" ID. (Forth)
- 825 COSTA RICA TLOS San Jose 1/6 0634 caught female's "Titania" ID about 30 seconds into "Pop Muzik"; thanks for the tip CH. Good sig, no 820/830 slop. (Toebe)
- 909 ENGLAND BBC strongly hitting domestics on car rx at coastal QTH 2212 1/10. A host of other hets also noted, including 927, 954, and 1089. (Connelly)
- 1060 MEXICO XEEP R. Educacion heard at 1230 with mx pgm on 12/6. (Crawford)
- 1040 COLOMBIA Barranquilla 1/6 0857 good w/upbeat mx, many CARACOL ID's. (Forth)
- 1110 COLOMBIA R. Reloj, Cali very good 12/30 at 0900 with CARACOL and Reloj ID's. (Crawford)
- 1200 TAIWAN CBS in Mandarin pgm to the Chinese mainland heard at 1645 on 12/8. Also on 600, 750, and 1100. (Crawford)
- 1350 FRANCE Nice atop pack of domestics 0636 1/14, man talking discussionally-a format FFC's don't use. Undoubtedly first NA reception on this one. (Foxworth) Unless that rascal Brian Vernon has heard it up in the tundra. CRongrats-CH
- 1370 MEXICO KEPA Puebla s/on anncet at 1130 after 10 minutes of continuous records. Many jungles. Still good strength at 1215 tune-out. Heard 12/6. (Crawford)
- 1375 ST. PIERRE ET MIQUELON loud w/cl mx and operatic male vocal; 1377 just a het 2319 1/10. (Connelly)
- 1395t ALBANIA talk by man, badly slopped by WLLH 2318 1/10. (Connelly)
- 1400t COLOMBIA HJAS Barranquilla ranchero mx w/accordion; song in SS by male 0532 1/14. You won't believe this on a GY channel but a check of WRTH revealed 2 kw power and coastal QTH; hence most likely. I know Colombian mx when I hear it, hi. Fair before fading into GY mud. (Townsend) Fairly plausible-they are the dominant LA on the channel here and get out well to Europe and Down Under-CH
- 1422 WEST GERMANY/UNID female pop vocal from German w/a heavy SAH on it 2315 1/10.

- 1440 LUXEMBOURG fantastic sig 0620-0650 1/14 thru WFMQ (who were on) and CFGO, fading from S6 to totally dominant on freq. In FF to 0630 then into GG. Was even clearly hrd on my portable ICF7600 with built-in loopstick! Never thought I'd get them here on this frequency. (Foxworth)
- 1458 ENGLAND three signals mixing here after 0700 1/14, one was hrd with Radio London ID-naturally the best signal. All seemed to be news to 0715 then into mx. Missed ID's at 0700 as was parked on potent 1584 which didn't register an ID with me. (Foxworth)
- 1458 UNID probably Albania; good strength carrier but too much CKRB slop to permit audio extraction 2312 1/10. (Connelly)
- 1467 MONACO Monte Carlo pgor w/talk by woman 2219 1/8. To occasional good peaks w/choral mx but fast fading like crazy 2310 1/10. (Connelly)
- 1530 VATICAN clear sig over a 300 Hz het after 0630 s/on 1/14. (Fox)
- 1539t AUSTRALIA 2JJ Sydney 1/6 1215 rr mx, 1219 Aussie-sounding anncr talking with British rock star about his music, no ID but probably 2JJ. (Vernon)
- 1548 AUSTRALIA 4QU Emerald 1/6 1208 nx in progress. 1210 single tone, then Queensland news headlines. (Vernon)
- 1550 MEXICO XENU Nuevo Laredo 12/28 1241 dominant w/Latin mx, "La Rancherita Contente" ID's. (Forth)
- 1550 TAIWAN 1CRT good w/beautiful mx pgm and ID's about every half hour. ID's As ICRT-International Community Radio Taipei and "At your fingertips-the scintillating sound of stereo, 1CRT-FM Inter-National Community Radio Taipei". Heard 1620 12/8. (Crawford)
- 1557 AUSTRALIA 2RE Taree 1/6 1202 1/2 end of net nx then male with s/off. Then Adv. Aust. Fair, anthem. (??-CH) (Vernon)
- 1566 TUNISIA Sfax poor w/female AA vocal in bad CKLM slop 2221 1/8. Again noted in CKLM trash w/bits of AA talk 2304 1/10. (Connelly)
- 1575t AUSTRALIA 200 Wollongong 1/6 1220 rr mx, 1223 male anncr then anncs, audio too muddy to pick out anything, 1225 back to rr mx, 1232 TC picked out for something to midnight so maybe a NSW-TZ stn. (Vernon)

And a tired, tired editor puts another one in the mails. When I stop working 12 hour days I'll start DX'ing and start typing up all the feature stuff I'm holding.

Mark Connelly	BillERICA, Ma.	R390A, MW1, car radio
Ray Crawford	Invercargill, NZ	SPR4, wires 1000-4200' long
Karl Forth	Chicago, Ill.	HQ160, 3' loop
Bob Foxworth	Mineola, NY	HQ150, archaic LW's
Rich Toebe	Reno, Nev.	Grundig 1100
Bill Townshend	Washington DC	TKR
Brian Vernon	Elisa, Yukon Terr.	DX300, FRG/000, 2 Beverages

WRTH '80 INFO

World Radio TV Handbook 1980 is off the presses. Shipping starts no later than February 5. Orders for immediate shipment will be taken at \$15 US, personal check preferred. In Canada, IMO in U.S. funds only. Add \$1 for 1st Class Mail. Makes checks to Donald Erickson and mail with SASE to: WRTH 80, Donald Erickson, 6059 Essex St., Riverside, CA 92504. Non-receipt or other inquiries invited after Feb. 20 by letter or to 714-687-5910 until midnight PST. P.S. Will the member who purchased a copy in St. Louis and paid cash, please advise me?

INTERNATIONAL DX ACHIEVEMENTS

NORM MAGUIRE
6105 DEL CAMPO PLACE NE
ALBUQUERQUE, NM 87109

#	DXer	Location	T.V. For.	South America - Best	Ctry.
32	H. Wilkinson	California	474 447	79 CX-26 Uruguay	1050 77
38	R. Anderson	Virginia	1448 514	78 HC2LA Ecuador	105
33	D. Reynolds	California	1368 493	73 ZYX-9 Brazil	1270 10kw 85
60	A. Rugg	Quebec	1483 179	48 CB-73 Chile	730 10kw 60
58	B. Dangerfield	Pennsylvania	430 353	44 ZF-14 Paraguay	117
40	G. Allen	California	2895 544	37 HCJB Ecuador	974 1kw 65
51	R. Schiller	Texas	2166 381	37 HCPB-6 Ecuador	1345 3kw 86
34	H. Gustafson	Florida	855 309	33 CB-138 Chile	1380 5kw 108
78	R. Kenneally	Ohio	805 127	23 HCEW-2 Ecuador	995 30
36	N. Maguire	New Mexico	3123 560	20 CX-18 Uruguay	890 5kw 83
33	R. Sperry	Connecticut	1669 249	15 CX-28 Uruguay	42
39	H. Robie	Massachusetts	263 148	14 LRA Argentina	90
75	P. Swearingen	Kansas	420 55	11 HCEG-1 Ecuador	735 18
75	R. Carr	Texas	1131 154	9 R.A.N.I. Surinam	914 34
31	F. Wheeler	Pennsylvania	1707 189	7 LR-5 Argentina	830 10kw 24
58	R. Leamy	Ohio	317 116	5 HCJB Ecuador	700 48
67	R. Eddie	Missouri	1028 55	3 HCJB Ecuador	700 15
73	P. Mount	Ohio	225 24	2 HJCY Colombia	810 6
58	W. Powis	Virginia	312 208	1 PJB Bonaire	800 500kw 23
70	K. Rychalsky	Connecticut	262 48	1 PJB Bonaire	800 500kw 12
?	N. Wolfish	Ontario	235 10	1 HJCY Colombia	810 11
?	S. Dellit	Australia	362 218	—	37

Welcome to Niel Wolfish from Toronto. May your totals grow and those stations heard verify for you. # = year started DXing. T.V. = Total veries. Wondered why I had room left over after the South American totals and discovered I had left out the Countries listing. Hope we may have some more updates and other contributors to this column. How about you New England DXers, Ernie Cooper, Mark Connelly, Neil Kazaross?. See that you are logging choice DX and would welcome you to this column. Next issue will feature North American totals and best veries. Good DXing and good health. 73 from the Land of Enchantment.

Norm

on the dial

Albuquerque Radio Stations

KRKE — 610 24 hours half-hour news 6 to 9 a.m. News on the hour noon and 5 p.m. News at 20 and 40 midnight to 6 a.m.	KZIA — 1580 ABC-Mutual Sunrise to sunset News on the hour and half-hour All-talk format
KDAZ — 730 6 a.m. to sunset Christian programs & contemporary music	KLYT-FM — 88.3 6 a.m. to midnight Weather on the hour Contemporary music
KOB — 770 NBC 24 hours News on the hour Contemporary & middle-of-the-road	KANW-FM — 89.1 ABC 6 a.m. to midnight (to 1 a.m. Friday and Saturday) Hourly news at :54 Educational & disco
KQEO — 920 Adult contemporary News on the hour 6-8 a.m., noon, 5 & 6 p.m. ABC Network	KUNM-FM — 90.1 24 hours Progressive free form National Public Radio

KKIM — 1000 6:30 a.m. to sunset News 6-8 a.m. & noon to sign-off Religious format	KRST-FM — 92.3 CBS 24 hours News on the hour during a.m. Album oriented rock
KDQQ — 1150 ABC 24 hours News every hour Modern country music	KOB-FM — 93.3 Album oriented rock
KXKS-AM - 1190 Disco format Sunrise to sunset News every 2 hours	KRKE-FM — 94.1 Middle of the road music
KABQ — 1350 5 a.m. to midnight News 8 & 10 a.m.; 12, 4, 5 & 10 p.m. Spanish language	KRKS-AM - 1190 24 hours Adult Contemporary
KRZY — 1450 CBS 24 hours News on the hour Local news begins at 5:30 a.m. Modern country music	KHFM-FM — 96.3 6 a.m. to midnight (to 2 a.m. Saturday) Concert music
KAMX - 1520 Sunrise to sunset News 5:30 a.m. Rock music	KZZX-FM — 99.5 24 hours Adult Contemporary rock
	KKJY-FM — 100.3 24 hours Beautiful music
	KFMG-FM - 108 24 hours Rock music

FOR SALE - receivers

DRAKE SPR-4; with box and manual. Best offer. (Edward Cummins, 1514 Pemberton Dr., Columbus, OH 43221)

DRAKE SPR-4; excellent condition, bought new 12/77, factory aligned 6/78, make offer. (Michael A. Deitz, 1412 Sierra Arch, Virginia Beach, VA 23456; 804-427-2477).

DR-33; excellent condition, make offer, pickup only. (Deitz)

COLLINS R-389/URR MW & LW receiver. Tunes down to 15 kHz, enabling reception of VLF sub nets, NAA, NSS, WWVB & MSF on 60 kHz, beacons, coastal stations as well as MW & LW. Similar in construction and appearance to the R390, it has digital readout. Has 6 stages of 455 kHz I-F preceded by upconversion to 10 MHz to eliminate images. Permeability type transformer tuning like R390 for best circuit "Q" and tracking. Selectivity: 8, 4, 2, 1 kHz and 100 Hertz. Manual and/or automatic, motorized tuning. Receiver has good audio. It has been recently retubed, aligned. Condition is excellent to near-mint and guaranteed to be fully operational. Price is \$425 with tech manual/schematic. Equivalent to units at \$750+ from commercial outlets. (S. J. Bohac, 97 Shaler Avenue, Fairview, NJ 07022).

FOR SALE - antennas

DYMEK DA-5, used very little, asking \$150. (Cummins)

WANTED - miscellaneous

INSTRUCTION MANUAL for Hallicrafters SX-100 (R. Michael Tuggle, 909 Moores Mill Rd., Bel Air, MD 21014)

SPEAKER for Hallicrafters R-46B. (Tuggle)

SPEAKER for Hammarlund HQ-180 (Pat Hartlage, 9200 Wendell Way, Jefferson-town, KY 40299).

FOR SALE - miscellaneous

TEXT & REFERENCE BOOKS: on broadcasting, station management, writing, advertising, etc., circa late 1960's for use by collectors, broadcasting students, etc. Send SASE for list. (Russ Edmunds, Box 127, Boonton, NJ 07005)

SKL LABORATORY VARIABLE AUDIO FILTER: Two variable highpass & lowpass filters, each of which can be set in parallel or series for best audio cutoff/shaping or bandpass characteristics. Much better than surplus Krohn-Hite or new MJF audio filters. Clean up/process those noisy DX tapes & IDs with a good audio comb filter. Can also be inserted between receiver's audio output terminals & speaker for continuously-variable shaping characteristics. Especially useful for Hammarlund & R390 rcvrs. Excellent condition & fully operational. Price is \$125 w/manual. (Bohac).

PRECISION FREQUENCY MEASURING equipment: Hewlett-Packard HP-524 lab freq. counter. Eight digit frequency readout, 10-second counting period & highly stable xtal clock enable freq. measurement to 1/10 of 1 Hertz at MW freqs. Counter comes with a lab-grade transfer oscillator. Price for the pair is \$300. (Bohac) *PFM as a reception technique has been discussed at length in various NRC/IRCA/NASWA articles. A reprints article by R. Schatz (R11) explains how to make practical use of the PFM technique.

TI-58 Programmable Calculator w/Library module. New unit with all documentation, manuals, program label cards, case, AC adapter. Features 480 program steps. Can be used to generate Great Circle Bearings and Distances in miles/km in 30 seconds for any geographic coordinates as an aid in precision direction finding on LW and MW. Price is \$120 (new). (Bohac)

Rónald F. Schatz

Well, RFS finally got to Cuba! Glenn Hauser accompanied me on the trip 24-28 December 1979. We stayed at the Habana Riviera, room 1122, on the famous Malecón some 2 miles from the downtown Vedado district (we mention our room number as a warning to other DX'ers who may follow our path; thanks to yours truly, the new phone directory is missing the first pages any DX'er would turn to - sorry 'bout that!).

Our wanderings were confined to Ciudad-de-la-Habana province, save for a day's excursion to Varadero, home of Radio Reloj-1560, which is now 920! We passed through the city of Matanzas twice without stopping; it's aptly named the city of bridges.

We found Cuba to be surprisingly hospitable; immigration and customs were a snap both ways, Cubatur was efficient, there were no restrictions on travel or photography one wouldn't find anywhere else, the people were friendly (though the Communists tended to be distant, tho polite), and food was abundant (at least for us tourists). There is no atmosphere of fear (as exists in places like Haiti), and one soon forgets the political nature of the place in spite of the billboards. Cuba, far from being a land of danger and intrigue, turns out to be a damn good place to bring the entire family for an unforgettably enjoyable holiday! (That was a slight disappointment for me, since I had prepared myself for high adventure, hi).

Habana is picturesque and reasonably attractive, tho somewhat run-down; the filth and nauseating poverty common to other Latin-American countries is completely absent. The people go about in a purposeful, responsible manner, in the manner of a serious executive with eternal tasks to take care of, but hardly anybody works hard, and their melancholy suggests an existence of incredible boredom. Yes, "antique" autos are on the streets, but a lot of newer, East-European models are common now. Green motor-bikes with side cars are a common sight also. Again, while one is free to travel around, getting transportation is difficult; taxis are almost unobtainable, and city busses are sardine-packed. Restaurants often have limited selections; Coppelia ice cream, however, is outstanding.

In most countries, people line up in supermarkets to get out; in Cuba, they queue up to get in! Most items are rationed, and even stores with "venta libre" signs have little to offer. One valuable item that I did pick up down there was a brand-new 170-page Cuban atlas - gold to someone like me. But, except for Havana Club rum and Partagás, etc., cigars, there is little to buy down there.

Well, thanks to a tightly-scheduled itinerary, we had little free time for DX'ing, tho we did what we could. I just brought my TRF along, tho Glenn had his ICF-5900W for AM/FM/SW; I found myself borrowing it quite often. I tried DF'ing the locals to find their towers, but the results are still inconclusive. § For news on Habana's 3 FM stations, c.f., WTFDA.

The 12 AM's in Habana are superlocal, hard to null and killing adjacent channels. CMCH (Cadena Habana) moved from 790 to 1140, otherwise the locals are as last reported. Stations in Pinar del Río (province) and Isla de la Juventud are strong semi-locals in Habana. Cubans freely listen to VOA-1180 Marathon, which is nearly a local there, as expected. Florida stations with nearly local-like signals include WQAM-560, WICD-610, WGRS-710, WINZ-940, and WKWF-1600. ZNS3-810 is also powerful, tho 1 and 2 were not heard at all. Belize-834 and Cayman-1555 were there, also some station in Mérida near or on 1480. WVL-870 was quite listenable.

On the following page is a frequency rundown of daytime reception in Havana and Varadero:

540	WGTO	not surprisingly, as good as in South Florida.
550	CMAN	Rebelde, strong in Habana.
560	WQAM	Powerful.
570		Strong in Habana, but DF suggests Isla de la Juventud, so brand new. Rebelde, of course. Confirmed on return to Florida - het between Juventud and Santa Clara.
	WPLP	audible in Juventud null.

600 CMW Habana superlocal.
 610 CMHV Rebelde, Trinidad, surprisingly strong in Habana.
 WIOD Way over CMHV in Varadero.
 620 WSUN Very strong.
 630 CMHQ Liberación, Santa Clara, stron, Varadero only.
 640 CMQ Habana superlocal.
 660 CMHG Progreso, Santa Clara, good, Varadero ohly.
 670 CMKP Progreso, Cacocum, good, Varadero only.
 680 CMHN Progreso, Cienfuegos, fair, Varadero only.
 690 CMBC Habana superlocal.
 710 WGBS Powerful.
 720 CMGN Rebelde, Colón, strong in Varadero.
 740 CMAQ Liberación, Pinar del Río, good in Habana.
 750 JBC Jamaica, weak in Varadero.
 760 CMCI Habana superlocal.
 780 CMJN Fair in Varadero.
 790 WNWS With CMCH gone, fair in Varadero.
 800 WSSST Largo, surprisingly good, gospel music.
 810 ZNS3 Freeport, powerful.
 820 Radio Ciudad de la Habana, superlocal.
 834 Belize, usual shallow audio, but fair carrier.
 840 CMHW Doblebé, good in Varadero.
 860 CMCA Radio Metropolitana, Habana superlocal.
 870 WWL New Orleáns, expected, but not that strong.
 880 CMAF Progreso, strong in Habana.
 900 WSWN Belle Glade, surprisingly strong.
 920 CMGE Varadero, Reloj, sloppy superlocal, ex-1560.
 930 CMGL Matanzas, Reloj, almost as strong as above, acting like one wide-band station between the two.
 940 WINZ Powerful in Habana.
 950 CMEE Musical Nacional, Habana superlocal.
 960 WJCM Sebring, good in Varadero.
 970 WFLA Strong in Varadero.
 980 CMCK COCO, Habana superlocal.
 990 WHOO Fair in Varadero.
 1020 Guamá, Bahía Honda, strong in Habana.
 1040 Radio Caribe, powerful in Habana.
 1060 CMBQ Enciclopedia, FM-stereo on 95, serves as Muzak for stores, hotels and restaurants in Habana.
 1080 WVCG Coral Gables, good.
 1010 WINQ Tampa, good.
 1110 WTIS Tampa, good.
 1120 Artemisa, Cadena Habana, good in Habana, // 1140.
 1130 CMHA Onda Musical, good in Varadero.
 1140 CMCH Cadena Habana, ex-790, superlocal.
 WQBA Only fair in Varadero thru jammer.
 1142 jammer DF'ed as Jovellanos, Matanzas province.
 1160 San Nicolás, Cadena Habana, good. // 1140.
 1180 Isla-Juventud, Reloj/jammer, strong in Habana.
 1190 WAVS Ft. Laud., surprisingly good.
 1200 Radió Guanabo, brand new, fair in Habana.
 1220 Radio 26, Central España Republicana, strong in Varadero.

1240 CMGW Radio 26, Matanzas, strong in Varadero.
 1250 WDAE Very strong.
 1260 WWOK Miami, good.
 1270 Torrientes, Radio Victoria de Girón, good in Varadero.
 1280 CMHM Reloj, good in Varadero.
 1300 WFFG Marathon, very strong.
 1310 Doblebé, Sagua la Grande, good in Varadero.
 1320 WGMA UnID in Varadero, fair.
 1330 Fair in Habana, believe Radio Artemisa per DF.
 1340 CMGU Reloj, good in Varadero.
 1360 WKAT Very strong in Varadero.
 CMBL Radio Internacional, Habana local.
 1370 Florida unID, believe WCOA Pensacola.
 1380 WLCY on top of WLIZ in Varadero.
 1390 Radio Jaruco, strong in Habana and Varadero.
 1400 CMGX Musical Nacional, Matanzas, very strong in Varadero.
 1430 WQDI Homestead, surprisingly strong in Varadero.
 1460 CMBG Radio Popular, Habana local.
 1470 CMGE Cárdenas, very strong in Varadero.
 WRBD Pompano Beach, present in Cárdenas null.
 1490 WMBM fair & unexpected in Varadero.
 1500 WKIZ Key West, poor, believe it or not.
 1530 WENG Englewood, surprisingly good.
 1550 WRHC/WYOU both in SS, even strength.
 1555 Cayman, fair.
 1600 WKWF Powerful.

Like Germantown is part of Philadelphia or Hollywood part of Los Angeles, Vedado is part of Habana. Vedado is the "commercial" section of the city, and includes most of the hotels and restaurants and "fashion" shops. All of Habana's broadcasting stations are also located in the Vedado. The main drag is Avenida 23, crossed by sequentially lettered streets (J, K, L, M, N, O, P, etc). The normal practice of giving addresses in Cuba is to locate them "between" streets; e.g., Av. 23 entre L y M, Vedado. House numbers are also used, however (e.g., Infanta 105), frequently both systems may appear on a single address.

The ICRT headquarters are located across the street from the Hotel Habana Libre (used to be the Hilton). Most stations are located at individual addresses, all within walking distance of each other. These buildings are seldom labeled more than "Instituto Cubano de Radiodifusión" or "ICR". Only the old green-painted building at Infanta 105 is plainly marked with the station it contains - Radio Progreso. The fact that Radio Habana Cuba is located on its 6th storey remains unannounced.

We visited RHC, but they apologised for not letting us into the studios, saying they were a "mess" due to remodeling, tho they were hospitable otherwise. We also tried getting into Radio Reloj on Calle P, but they again politely refused us entrance because no one was available at the moment to guide us through. We got the same general story everywhere. Our real enemy, however, was a lack of enough time in our busy tour schedule to make the necessary arrangements. Needless to say, no list of stations; by the time we located a probable source we had to get back to the hotel.

I took some 80 photos of the trip; some may appear soon here in DX NEWS. I am anxious to get back to Habana to take care of some unfinished business, needless to say. \$ No, we did not see Fidel, Russian troops, nor any missile sites we could recognise, hi.

Radio Map of CUBA

© Ronald F. Schatz 1980



LEGEND

- Provincial Boundary
- ⊙ National Capital
- Provincial Capital
- Known or Suspected AM station location.
- + Known TV transmitter sites. (in Greek-style lettering).

Provincial stations and networks named in script, (main frequency).

* ISLA DE PINOS officially renamed ISLA DE LA JUVENTUD on 28 June 1978.

(A 8 1/2 x 14 version of this map will be available through reprints in the near future...HQ)

LOOP/LONGWIRE COMBINED ANTENNAE

Paul Swain

A sensing antenna is used in direction finding for ascertaining which of the two possible bearings 180 degrees apart given by a loop is the correct one. This additional antenna is omni-directional, i.e. it shows no particular directional properties, and when used in combination with the loop, which has the familiar figure-of-eight polar diagram, can produce a cardioid polar diagram (Fig. 1).

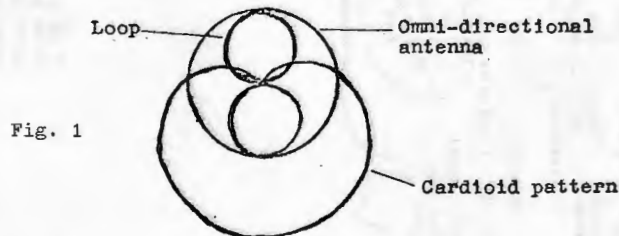


Fig. 1

It will be appreciated that such a pattern could be very useful to the DXer, especially if the single null can be made as deep as the null(s) obtainable with a conventional DXers loop.

I will skip over the theory lightly since it is covered in depth in any of the standard works of reference dealing with the broad subject of radio direction finding, save to say that in order to obtain the ideal cardioid pattern the signal voltages from the loop and omni-directional antennae must be of equal amplitude and in phase.

There is a difference between what we require of a combined antennae system of DXing and what is required for DF. We require a near perfect null, but for DF a well defined null is not essential; that there is a noticeable dip in signal strength is sufficient. Care is taken, though, to ensure that DF equipment maladjustments cannot cause an error in the position of the null to occur. With some simple phase/amplitude adjustments circuits that could be used it is not too difficult to unwittingly cause a 180 degree error. DXers usually know the direction of the relevant transmitter (or more importantly, the bearing of the QRM one desires to null) and can therefore easily recognize a directional error should it occur (not that it really matters if it does).

Looking at the components of a practical system for DXing, the major item is the loop which is a conventional MW DXers' loop with matching amplifier. The ideal omni-directional antenna would be a vertical dipole, which could prove more than just a little awkward for MW to say the least. However, a random length longwire antenna down to the bottom of the garden or round the loft will be quite adequate since such longwires usually show precious little directivity anyway. The phase of the longwire's signal voltage can be altered by passing it through a simple LC circuit tuned about resonance. The phase of the loop's signal can also be altered by slightly detuning the loop. Finally the relative amplitudes of the two signal voltages can be matched simply using variable resistors. (Although it is comparatively easy to adjust the longwire's length so that it gives a signal of comparable strength to that from the loop).

Combining the signal voltages using an active circuit which also offers the correct impedance to the RX ant. input would no doubt be the most preferable arrangement. However, the following (Fig. 2) has given excellent results with a variety of equipment (R1155 and AR88 RXs, 40" box loop and 30" spiral wound loop, and 25' and 100' longwires) and complicating this simple arrangement was found to be quite unnecessary. Of course, this is not the only circuit capable of producing a cardioid type pattern suitable for DXing, but this simple arrangement should produce results easily and quickly, and although complete in itself it will provide a good starting point for those wishing to experiment further with combined antenna systems.

* Article reprinted with permission of Medium Wave News.

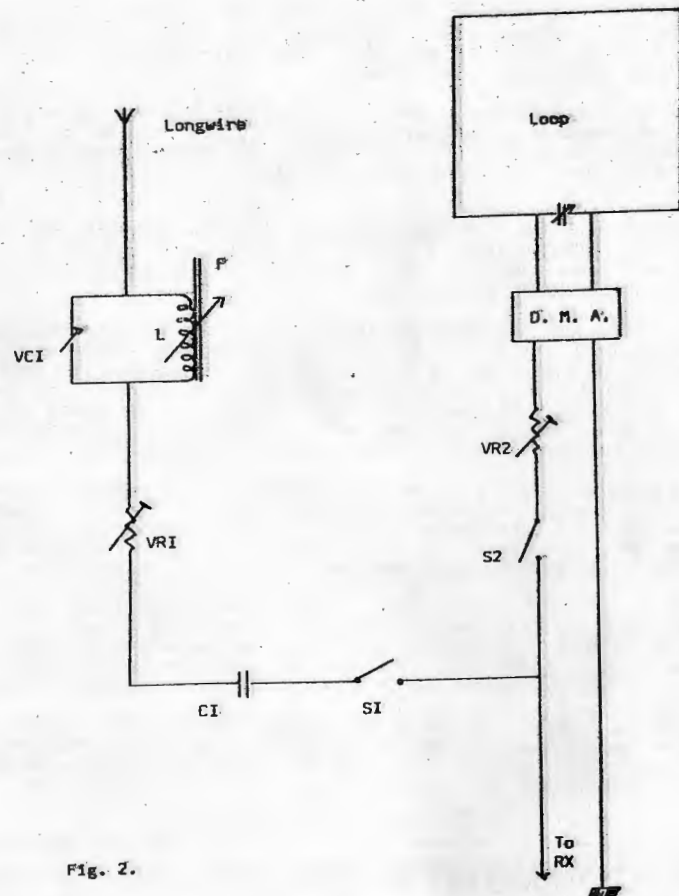


Fig. 2.

A wide variety of LC arrangements were tried but a parallel tuned rejector type circuit proved easiest to operate since the point of resonance was always easily found (as a marked dip in signal strength). Contrary to expectations there is not a great deal of signal loss when using this circuit since the actual operating position is always just off resonance.

Although it is by no means essential that every detail is precisely copied, full details of the tuning/phasing unit are given. A simple form of permeability tuning was found to be the easiest way of achieving the relatively wide range of inductance required, and freedom from the otherwise necessary coil switching makes for a much simpler tune-up procedure. L is approximately 90 turns of 38 SWG on a 5/8" former (length of winding; approx. 3"). F is an 8" x 5/16" ferrite rod sliding through the former. VC1 is a 500 pf tuning capacitor; used as a "fine" control it is usually set about half open. C1 is 300-500 pf, and VR1 and VR2 are both 10-20 K ohm lin. pots.

Tuning-up for the first time calls for some experimentation; trying different tuner and loop settings and noting the effects. The initial tuning procedure may appear a bit awesome, but once the initial settings have been found subsequent use is quite simple. The procedure is:

1. With the longwire switched out of circuit (S1 open) and the loop switched in (S2 closed) the loop is tuned-up in the usual way, but adjust its bearing for the maximum QRM signal.
2. Switch out the loop (S2 open) and switch in the longwire (S1 closed). Adjust the tuned circuit L/VC1 to obtain a dip in signal strength. (Its final setting will be close to this resonant position).

3. Switch the loop back in, together with the longwire (S1 and S2 both closed) and carefully adjust L/VC1 for minimum QRM, at the same time trying the effect of slightly de-tuning the loop. Find which way the controls must be moved in order to obtain a good null.

If no null can be obtained then repeat the procedure but with the loop turned round through 180 degrees. Remember that there is now only one null and it cannot be known initially which is the "front" and "back" of the loop. Refer to Fig. 1 and note the orientation of the cardioid pattern relative to the loop.

The purpose of VR1 and VR2, the amplitude equalisation controls, has been explained. Their settings are not usually very critical, but try the effect of altering them on the depth of null. Once set for the particular antenna in use they can normally be left alone.

At the Cheadle Hulme QTH the original longwire was only 25' yet despite this short length only a little attenuation of the loop's signal was necessary. A typical logging made possible by the use of this arrangement is that of Swansea Sound on 1169 kHz, for Swansea is weak here but R. Tees, on the same channel, is strong. The two stations are separated by almost 180 degrees so using a loop alone only R. Tees can be heard with no trace of Swansea. Switching in the combined antenna allows Swansea to be heard QRM free.

The tuner can also be used for noise blanking and can be especially useful in reducing, if not completely eradicating, mains borne QRN. The tuner is operated in exactly the same manner but the longwire antenna is replaced by a "poor" antenna which picks up predominantly QRN signal. Typically this would be a short wire running parallel to a length of the house wiring.

Admittedly all this has provided yet another box by the RX, but in its favour is the fact that it can give a null that has proved deeper than even those obtained with an altazimuth loop; one which is as easily found, is certainly more easily sustained and is an exceedingly useful position.

Comments by Dallas Lankford on the above article: A similar circuit, with some important details missing, was described in an article in WRTH-79. Nelson's NRC reprint A6 suggests that some of the claims in this article are not true. What is the true story? How does Schatz's LSCA-1 and 2 compare?

MORE COMMENTS ON HAMMARLUND RCVRS

After reading Dallas Lankford's article, I dug out some items which might be of interest. First, re prices, HQ-100s, 150s, 200s, 145s, 160s and 180s can be had at a variety of prices and in a variety of conditions as can various editions of the SP-600. Any given issue of Ham Trader ("Yellow Sheets", the address for which is often published in DXChange) will have a number of them, generally a bit cheaper than indicated in the article. HC-10 converters were investigated by me about 5 years ago, and were double-checked by a then-Hammarlund employee in Red Bank, NJ. They were all but unavailable at the time, and in the time since, I've seen maybe 2 or 3 in Ham Trader, and at higher prices.

Second, on parts and schematics availability, parts may also be obtained from G. R. Whitehouse Co., Newberry Dr., Amherst, NH 03031 or C. Osteen, Box 152, Mars Hill, NC 28754. I currently have manuals for the HC-10, HQ-129X, 150, 160, 180 and PRO-310. Copies available for xerox & postage costs.

An additional note on those which I have used extensively: the HQ-100 or 100A are simply unsophisticated for ECB, and do not take well to addition of an external Q-Multiplier. HQ-145 & 145A are subject to severe overloading as are the 100s. HQ-150 crystals tend to be all centered between 451 and 453 kHz, which requires substantial de-tuning of the rx IFs to compensate, and at a cost of decreased performance. I don't recommend the practice.

A capsule rundown of all of these receivers is contained in the Ham Trader Buyer's Guide, available from Ham Trader, or by xerox of the necessary pages (6 of them) from me.

Russ Edmunds, Box 127, Boonton, NJ 07005

CONTESTS

JOHN KROMKA
P. O. BOX 86
MONTVILLE, NJ 07045

Rick Carr	82
*Robert Kramer	84
Richard Waterman	57
Ray Arruda	49
Sharon Waterman	46
Paul Mount	43
Chris Lucas	36
Jeff Kosnet	35
Dave Yocis	35
Bob Curtis	31
Raymond Barno	30
Todd Williams	23
Bill Hardy	19
Nancy Hardy	18
Scott Parker	17
Frank Wheeler	16
George Walton	12

Well, that's how Contest 3 turned out. Since Robert Kramer has won before, honors this time go to Rick Carr. Take it easy, Robert, give the others a chance, hi. Only kidding, you're making some fine efforts. Since you were the winner of Contest 1 you are officially placed second in this contest, entitling you to the appropriate Grand Prize points. This is in accordance with the "One Winner Per Contest" policy. Congratulations Rick, you have your choice of \$5.00 worth of any reprints you choose. Await a letter from me before you claim your prize.

I generally counted most, if not all of a contestant's entries, except the ones that were too far out. Anyway, hope you all enjoyed the Contest. Welcome to Jeff Kosnet and Bob Curtis to Contests. Hope you participate regularly, and that goes for all of you.

CONTEST #4 BEGINS FEBRUARY 5

CONTEST #4: ONLY STATIONS COUNT THAT ARE LOCATED IN THE 50 U.S. CAPITALS

Each capital you hear must be represented by one station each. Winner is determined by who can hear the most U.S. capitals. List your entries in any way you wish, just list the station, the capital, the time, and the date.
DATE: You can pick any 2 (two) days of your choice between February 5-February 18, 1980. The days you choose do not have to be consecutive. This way you can participate when you have the time. These two days are two 24 hour periods.
DEADLINE FOR ENTRIES: February 27, 1980
PRIZE: \$4.00 worth of reprints of the winner's choice.

With the conclusion of Contest 3 this is how the race for the free subscription to DX News shapes up among our top contenders:

1. Robert Kramer 24
2. Rick Carr 17
- 3a. Rick Kenneally 10
- 3b. Richard Waterman 10

Hope to see more of you in the next Contest. This is possibly your last chance if you want to have an opportunity to win a free one-year subscription to your favorite DX magazine. Time is running out. For members participating for the first time this year, please enclose 30¢ with your first entry to act as your entry fee, and entitle you to a Certificate of Appreciation. The Contests are fun, as I've heard, and you'll be surprised on how you may pick up some newbies while participating. What can you lose? Hope 1980 has been good to you so far, and remember-**DON'T FORGET THE CONTEST!**

John

- SUNRISE/SUNSET TIMES

Mark Connelly

The purpose of this article is to provide a handy reference to sunset and sunrise times relevant to the reception of Trans-Atlantic signals. Medium-wave TA paths are most likely to be viable when the entire path is in darkness; therefore, the sunset time on the western hemisphere end of the path and the sunrise time on the eastern hemisphere end set the approximate beginning and ending times, respectively, of TA DX reception. The actual times of fade-in & fade-out are determined by sunset at the most westerly ionospheric skip point and by sunrise at the most easterly ionospheric skip point. Because of this, reception may occur up to an hour before sunset on the western end and also up to an hour after sunrise on the eastern end. This effect is accentuated if the receiving site and transmitting site have salt water in the direction of propagation for the first 10 km. or so of the route. This article does not attempt to predict exact fade-in & fade-out times; such a project would require a complicated propagation study - daily changes due to ionospheric condition variation will occur.

These listings have been adapted for MW TA DX from a more general list published by SPEEDX, an SWL club. Times listed are GMT; they are for the middle of the month (the 15th).

TABLE 1: WESTERN HEMISPHERE SUNSET TIMES-(TA reception begins.)

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Natal, Brazil	35.1W 5.5S	2030	2026	2022	2018	2014	2011	2012	2015	2020	2023	2027	2030
Rio de J., "	42.7W 22.5S	2128	2113	2055	2035	2019	2010	2013	2027	2045	2105	2122	2132
St. John, NF.	52.7W 47.6N	1949	2032	2120	2213	2257	2323	2314	2236	2146	2055	2006	1939
Surinam	56.5W 3.8N	2140	2143	2145	2149	2151	2152	2152	2150	2147	2144	2141	2140
Barbados	59.8W 13.5N	2137	2146	2157	2208	2218	2223	2221	2213	2203	2151	2141	2136
Falkland Is.	61.0W 50.8S	2359	2310	2216	2117	2027	1957	2008	2051	2147	2245	2340	0011
Halifax, NS	63.6W 44.6N	2048	2122	2205	2252	2332	2355	2346	2318	2228	2142	2058	2034
Bermuda	65.8W 32.3N	2125	2149	2217	2247	2312	2326	2321	2300	2232	2202	2135	2120
Puerto Rico	66.2W 18.5N	2154	2207	2221	2238	2250	2258	2255	2244	2229	2214	2159	2152
Venezuela	67.0W 10.5N	2211	2218	2226	2235	2242	2246	2245	2239	2230	2222	2214	2210
Boston, MA	71.1W 42.4N	2120	2156	2235	2319	2355	0017	0009	2338	2257	2214	2134	2112
Montreal, QU	73.6W 45.5N	2120	2200	2244	2334	0014	0038	0029	2354	2309	2221	2136	2111
New York, NY	74.0W 40.7N	2137	2210	2247	2329	0003	0023	0016	2347	2308	2227	2150	2129
Washington, DC	77.0W 38.5N	2155	2226	2301	2340	0011	0030	0023	2356	2320	2242	2207	2148
Toronto, ON	79.4W 43.6N	2149	2227	2308	2354	0032	0055	0046	0014	2331	2246	2204	2141
Miami, FL	80.2W 25.5N	2239	2257	2317	2339	2357	0008	0004	2349	2328	2306	2246	2235
Costa Rica	84.1W 10.0N	2320	2327	2335	2343	2350	2354	2352	2347	2339	2331	2323	2319
Atlanta, GA	84.2W 33.5N	2237	2302	2330	0002	0028	0043	0038	0016	2346	2315	2246	2231
Chicago, IL	87.6W 41.9N	2228	2303	2342	0025	0100	0121	0114	0043	0003	2321	2242	2220
Houston, TX	95.2W 29.5N	2329	2351	0015	0042	0104	0116	0112	0053	0028	0002	2338	2325
Denver, CO	105.0W 39.4N	2340	0013	0049	0129	0202	0222	0215	0146	0109	0030	2353	2333
Los Angeles, CA	118.3W 34.1N	0051	0117	0146	0219	0245	0301	0255	0233	0202	0131	0101	0046
Seattle, WA	122.2W 47.4N	0027	0110	0158	0251	0335	0401	0352	0314	0224	0133	0044	0017
San Fran., CA	122.4W 37.8N	0058	0128	0202	0239	0310	0326	0321	0255	0220	0144	0110	0052

THE 1980 FREQUENCY CHECK LIST

All times are in Eastern Local Time, except checks with underlined times. In those cases, the check is run on standard time throughout the year.

FIRST MONDAY				2000-0215			
0015-0030	*WNCN	1240	NC T	WZYX	1440	TN M	
0030-0045	WGNX	1150	CT T	*KBIX	1490	OK T	
0110-0120	*KQNK	1530	KS T	WBIP	1400	MS t	
0130-0145	*KFSA	950	AR T	*KCB	1540	KY T	
0145-0200	WMBH	1450	MO T	WVSVL	1520	IN T	
0200-0215	KFGQ	1260	IA M	*WTKY	1370	KY T	
0215-0230	*KCUZ	1490	AZ T	WVSVL	1490	KY T	
0225-0235	KKAA	1560	SD T	FIRST FRIDAY			
0230-0245	*KVS L	1450	AZ T	0000-0015	*WVHG	1360	VA T
0245-0300	*KGHL	790	MT T		*WBTX	1470	VA T
0245-0300	*KXIV	1400	AZ T	0015-0020	*WFOY	1240	FL T
0300-0315	*KQIK	1230	OR TC	0015-0030	*WVWZ	1360	NJ T
	*KMC L	1240	ID TC	0045-0055	WRAW	1340	PA T
0315-0330	*KVAC	1490	WA TC	0100-0115	*KGR	960	MO T
	*KBF I	1450	ID TC		*WPMH	1010	VA T
0330-0345	*KMTX	950	MT T		*KCLU	1590	MO T
0545-0600	*WMTL	1580	KY T	0130-0140	*WRTA	1240	PA T
0615-0630	KIUN	1400	TX T	0130-0145	*WQCK	1600	GA t
0645-0700	KJCF	1400	MO T	0330-0345	WBNT	1310	TN t
				0545-0600	*WHIC	1520	KY T
				0615-0630	KXJK	950	AR T

FIRST TUESDAY				FIRST SATURDAY			
0000-0015	*WVGR	1290	MI T	0000-0015	WSBS	860	MA T
0001-0020	*WARD	1540	PA T	0100-0115	WATC	900	MI T
0020-0030	*WAYC	1600	PA T	0115-0130	KNLV	1060	NE T
0030-0040	*WVPE	1400	VA T	0200-0215	*KZUL	1380	AZ T
0100-0110	*WVAM	1430	PA T	0200-0215	KRNY	1460	NE T
0130-0140	KDMO	1490	MO T	0205-0215	KOAL	1230	UT T
0200-0215	*KRRR	1360	NM T	0208-0220	*KSUN	1230	AZ T
0200-0215	*KINO	1230	AZ T	0210-0225	*KYCA	1490	AZ T
0215-0230	*WDAP	1450	AZ T	0215-0230	*KPGE	1340	AZ T
0545-0600	*VBN	1340	KY T	0215-0230	KBTA	1340	AR T
				0300-0315	*WVIRV	1550	KY T
FIRST WEDNESDAY				0315-0330	*WVIRV	1460	KY T
0000-0030	WVPL	920	MI T	0330-0345	*WVZJ	1440	KY T
0000-0015	WICH	1310	CT T	0400-0415	*WVFC	1470	KY T
0010-0030	WVWG	1440	GA T	0415-0430	*WVCO	1500	KY T
0130-0145	KANE	1240	LA T	0430-0445	*WVPT	960	KY T
0150-0200	KNET	1450	TX T	0445-0500	*WDOC	1310	KY T
0215-0230	*WVLI	1070	TN M		*WMOV	1360	WV T
0230-0245	*WVFC	1360	AL t	0545-0600	KMIS	1050	MO T

FIRST THURSDAY				FIRST SUNDAY			
0000-0030	WCHN	970	NY T	0100-0115	KCII	1380	IA T
0100-0115	*WCPM	1280	KY T	0215-0230	WMAV	970	IL T
0110-0120	KROP	960	LA T	0430-0445	*WRLV	1140	KY T
0145-0200	*WARI	1480	AL t	0545-0600	WKOY	1240	WV T
				0605-0615	KLTI	1560	MO T

SECOND MONDAY

0045-0100	*WHHO	1320	NY	Tb
0100-0115	WSHY	1560	IL	T
0105-0120	KSEK	1340	KS	T
0110-0120	*KQNK	1530	KS	Td
0115-0130	*WCAZ	990	IL	T
0145-0200	WNYR	680	NY	Tb
0200-0215	*WIKY	1600	MA	Ta
0210-0220	KLMX	1450	NM	T
0210-0225	*KEKO	1230	CO	T
0215-0230	*WPHG	980	VA	Mt
0230-0245	*KCLV	1240	NM	T
	WPCB	990	AL	t
0245-0250	*KBMY	1240	MT	T
0245-0300	KXPO	1340	ND	T
0320-0325	*WGGG	1590	NY	T
0345-0400	*KPRK	1340	MT	T
0415-0430	@WFCO	1450	KY	T
0445-0500	@WVKY	1270	KY	T
0500-0515	@WSWV	1570	VA	T
0530-0545	*KRGI	1430	NE	T
0545-0600	KZNG	1340	AR	T
0615-0630	WFRS	1440	IL	T

a - 1 min. check during this period.
 b - MM in same week as 15th
 d - MM closest to 10th.

SECOND TUESDAY

0000-0015	@WRAA	1330	VA	O
	*WLET	1420	GA	T
0005-0020	@WSNJ	1240	NJ	T
0030-0040	@WVA	1490	VA	T
0035-0045	WHCC	1400	NC	T
0100-0115	@WREL	1450	VA	T
0115-0130	KJSK	900	NE	T
0145-0200	KGHR	1350	MO	T
0215-0230	WKBI	1450	IL	T
0740-0750	*KSN0	1260	CO	T

SECOND WEDNESDAY

0130-0145	*KAYS	1400	KS	T
0200-0215	*WTKN	1390	MS	T
0210-0225	KRAD	1590	MN	T
0215-0230	WJAT	1450	MS	T
0220-0230	WABF	1220	AL	t
0300-0315	WBHB	1240	GA	t

SECOND FRIDAY

0005-0015	WSNG	610	CT	T
0115-0130	KBIZ	1240	IA	T
0130-0135	WKRQ	710	AL	t
0145-0200	*KMAV	1520	ND	T
0245-0300	WBLO	1470	AL	t
0315-0330	WAJF	1490	AL	T

SECOND FRIDAY (cont'd)

0545-0555	@WNR	1330	KY	T
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SECOND SATURDAY

0000-0030	WTV	1450	ME	T
0001-0015	*WNTY	990	CT	T
0100-0115	*KANLV	1060	NE	T
0130-0145	*KJEF	1290	LA	T
0200-0215	KDGO	1240	CO	T
0215-0230	*KVSH	940	NE	T
	*KAHL	1410	NE	T
0230-0245	KPAG	1400	CO	T
0430-0445	@WFSR	1470	KY	T
0445-0500	@WSFC	1240	KY	T
0630-0645	KGRN	1410	IA	T

SECOND SUNDAY

0530-0545	@WLCK	1250	KY	T
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THIRD MONDAY

0000-0010	@WRWH	1350	GA	T
0005-0015	@WCON	1450	GA	T
0015-0030	@WBBQ	1340	GA	T
	@WESC	1450	SC	T
0045-0100	*WHHO	1320	NY	Tb
0100-0115	*WSLV	1110	TN	M
0105-0115	@WRNL	910	VA	O
	WDAK	1410	GA	T
	KXEO	1340	MO	T
0115-0130	WVNS	1240	GA	TC
0130-0145	WAYX	1230	GA	t
	KWKY	1150	IA	T
0145-0200	WNYR	680	NY	Tb
0200-0215	WVNZ	1050	GA	M
0215-0230	*WQWV	1580	MS	M
	*WTRS	1590	GA	M
0230-0245	WGSR	1570	GA	M
0245-0300	*WBTS	1480	AL	M
0330-0345	KGCX	1480	MT	T
0530-0545	*KJUS	1380	OK	T
0630-0645	*WOKZ	1570	IL	T

THIRD TUESDAY

0000-0015	@WSIG	790	VA	T
0015-0030	@WHT	1510	PA	T
	WMLT	1330	GA	M
0045-0100	@WJOHN	1440	VA	T
	@WHOL	1600	PA	T
	*WJAT	800	GA	M
0100-0115	*KOLY	1300	SD	T
0110-0125	*KLRB	1360	MO	T
0115-0130	*WVNA	1590	AL	TM
	@WRK	1400	PA	Td4
0125-0140	*KEXR	1350	NE	T
0145-0200	WERO	1310	GA	T
0200-0215	WPEH	1420	GA	M

THIRD WEDNESDAY

0000-0015	WTVL	1490	ME	T
0015-0025	WNBZ	1240	NY	T
0215-0230	WFLI	1070	TN	M
0230-0245	*KKT	1340	NM	T
0300-0315	*WFDX	1450	AL	t

THIRD THURSDAY

0100-0115	*WJZM	1400	TN	t
	WPCP	940	MS	t
	KNDY	1570	KS	Tx
0200-0215	*WHII	1570	MS	T
0215-0230	KHRR	1230	CO	T

x - 1 min. check during this period.

THIRD FRIDAY

0000-0015	WTVL	1490	ME	T
	WRDI	1580	NJ	T
0000-0020	WERA	1590	NJ	TQ3
0035-0045	@WKBO	1230	PA	T
0045-0100	@WKDH	1430	VA	T
0100-0110	@WELK	1400	VA	T
0100-0115	WBBK	1260	GA	t
0115-0130	*WYHI	1570	FL	t
	KEYJ	1400	ND	T
0130-0145	WKSJ	1270	AL	t

THIRD SATURDAY

0000-0010	WMCB	1400	ME	T
0010-0020	@WSYL	1490	GA	TQ
0135-0150	KCNI	1280	NE	T
0200-0215	*KSRC	1290	NM	T
0545-0600	@WLOW	1300	SC	T

FOURTH MONDAY

0000-0020	@WCBG	1590	PA	T
0015-0030	@WJDY	1470	MD	TL
	@WIOND	1400	NJ	T
0030-0045	@WFEC	1400	PA	T
	@WTON	1240	VA	T
0045-0100	@WGOE	1590	VA	M
0100-0115	*KQJB	910	ND	T
0105-0120	KROX	1260	MN	T
0110-0120	*KOZA	1230	TX	T
0115-0130	*KPDN	1340	TX	T
0125-0140	WHPI	1340	IL	T
0130-0145	*WCVS	1450	IL	T
0145-0200	@WECB	1490	PA	T
0200-0215	*KICK	1340	MO	T
0215-0230	KVOU	1400	TX	TQ1
0245-0300	*KGUC	1490	CO	T

0400-0415	*KLEO	1480	KS	T
0415-0430	@WILK	980	PA	O
0525-0540	@WANV	970	VA	T
0540-0555	@WPED	810	VA	T
0545-0600	@WYNS	1150	PA	O
	@WJZJ	1460	NJ	O

FOURTH TUESDAY

0000-0010	@WKEN	1600	DE	O
0000-0030	@WBIO	1310	NJ	T
	WSLB	1400	NY	T
0010-0020	WKVT	1490	VT	T
0015-0030	WAYB	1490	VA	T
0030-0040	@WCHE	1520	PA	TM
0100-0115	*WFTR	1450	VA	T
	*WSMI	1540	IL	T
0230-0245	KASL	1240	WY	T

FOURTH WEDNESDAY

0005-0010	WASR	1420	NH	T
0115-0130	KILE	1400	TX	TQ3
	WCOV	1290	WI	T
0130-0145	*WBFN	1500	MS	T
0200-0210	KLTI	1560	MO	T
	WLSM	1270	MS	t
0215-0230	WFLI	1070	TN	M

FOURTH THURSDAY

0000-0015	WLYN	1360	GA	T
0015-0025	@WRAN	1510	NJ	M
0030-0040	@WHPL	610	VA	O
0245-0300	WHYI	1530	AL	t
0430-0445	WRGS	1370	TN	M

FOURTH FRIDAY

0000-0005	WICY	1490	NY	T
0000-0015	WIKR	1490	VT	T
0100-0115	KTHQ	1350	OK	T
0130-0135	WKRQ	710	AL	t
0130-0145	KGVL	1400	TX	T
0145-0200	KSIW	1450	OK	T
0245-0300	WBOX	920	LA	t

FOURTH SATURDAY

0200-0215	KERS	1340	AR	T
0215-0230	*KIML	1270	WY	TL
0230-0245	KFLN	960	MT	T
0300-0315	KOAL	1230	UT	T

FOURTH SUNDAY

0115-0130	KWON	1400	OK	T
0640-0650	KSYL	970	LA	T

TABLE 1 (continued): WESTERN HEMISPHERE SUNSET TIMES

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Vancouver, BC	123.1W 49.2N	0024	0110	0201	0257	0344	0413	0402	0321	0229	0134	0042	0013
Anchorage, Alaska	149.8W 61.2N	0056	0220	0341	0510	0629	0725	0703	0550	0425	0258	0131	0034
Hawaii	157.7W 20.0N	0358	0411	0427	0445	0459	0507	0504	0452	0436	0419	0403	0355

TABLE 2: EASTERN HEMISPHERE SUNRISE TIMES - (TA reception ends)

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Wulumqi, China	87.6E 43.8N	0138	0101	0019	2333	2255	2232	2240	2313	2356	0041	0124	0147
Delhi, India	77.2E 28.7N	0141	0120	0057	0030	0009	2357	0001	0019	0044	0109	0133	0146
Iran	51.5E 35.7N	0340	0312	0241	0207	0139	0122	0128	0152	0224	0258	0329	0346
Saudi Arabia	46.4E 24.5N	0336	0319	0259	0237	0219	0209	0213	0228	0248	0310	0329	0340
Moscow, USSR	37.6E 55.8N	0551	0449	0344	0233	0132	0053	0107	0202	0309	0418	0526	0606
Kenya	36.8E 1.4S	0331	0332	0333	0334	0335	0335	0335	0334	0333	0332	0331	0331
Israel	35.2E 31.8N	0436	0412	0345	0315	0251	0237	0243	0303	0330	0400	0426	0441
Egypt	31.4E 30.3N	0448	0426	0400	0332	0309	0256	0301	0320	0346	0414	0439	0452
Turkey	30.7E 39.9N	0514	0442	0406	0325	0252	0233	0240	0308	0345	0425	0501	0521
South Africa	28.1E 26.6S	0322	0341	0402	0427	0446	0457	0453	0437	0414	0351	0329	0318
Romania	26.1E 44.4N	0546	0508	0425	0338	0259	0236	0244	0318	0402	0448	0531	0555
Athens, Greece	23.7E 38.0N	0537	0507	0433	0355	0325	0306	0313	0339	0414	0451	0525	0544
Poland	20.9E 52.1N	0638	0545	0449	0347	0255	0222	0234	0320	0419	0519	0617	0650
Chad	15.1E 12.1N	0519	0511	0502	0452	0443	0439	0440	0447	0457	0507	0516	0521
Sweden	13.7E 55.8N	0727	0625	0520	0408	0307	0228	0242	0337	0444	0554	0702	0742
Gabon	13.6E 1.6S	0503	0504	0506	0507	0508	0509	0508	0507	0506	0505	0504	0503
Italy	12.5E 41.8N	0632	0558	0519	0436	0400	0339	0347	0417	0457	0540	0619	0640
W. Germany	10.7E 48.1N	0701	0617	0528	0434	0350	0323	0333	0411	0502	0554	0644	0711
France	2.0E 47.0N	0732	0649	0603	0511	0428	0402	0412	0449	0537	0628	0715	0741
Gt. Britain	0.1W 51.5N	0759	0708	0613	0512	0421	0349	0401	0446	0543	0642	0739	0811
Spain	3.5W 40.3N	0732	0659	0623	0541	0508	0448	0456	0524	0602	0642	0719	0739
Morocco	6.8W 34.0N	0729	0703	0634	0601	0535	0520	0525	0548	0618	0649	0719	0734
Portugal	8.7W 38.8N	0748	0717	0643	0604	0532	0514	0521	0547	0623	0701	0736	0755
Senegal	17.4W 14.7N	0733	0724	0712	0700	0650	0644	0646	0654	0706	0718	0730	0735
Iceland	21.6W 64.2N	1104	0920	0747	0606	0432	0316	0347	0520	0658	0836	1019	1135
Azores	25.8W 37.7N	0854	0824	0751	0713	0643	0625	0632	0658	0732	0809	0842	0900

In a few cases, sunrise on the western end of the path may precede sunrise at the eastern end- e. g. Iceland to Rio de Janeiro in December. This is too uncommon an occurrence to discuss in depth, however.

KEY TO SYMBOLS:

- @ - Regular check per monitoring service
- * - Regular check per consistent reception and/or station.
- T - Station checks w/tone
- t - Station checks w/dial tone
- M - Station checks w/music
- O - Station checks w/open carrier
- Q - Quarterly check (every 3 months)
- Q1 - 1, 4, 7, 10 months only
- Q2 - 2, 5, 8, 11 months only
- Q3 - 3, 6, 9, 12 months only
- L - Check made during the last week of the month.
- C - Station ID in Morse Code.

Other symbols defined in the list.

Acknowledgements: Several monitoring companies were kind enough to supply their schedule of checks. In addition, special thanks go to Dave Schmidt, Bill Hardy, Ernie Cooper, Wayne Heinen, and Neil Zank who also supplied information on regular checks. Other information was gathered from DXN and DXM.

If sufficient update material is received, an updater will appear approximately three months after appearance of this list. Send all new information (additions, deletions, changes) to -

Joseph Fela
150 Robert Place
South Plainfield, NJ 07080

THEY JOINED

We're pleased to add the following to the list of members in the #1 MW DX Club around! Welcome and Muse soon to introduce yourself.

- Bill Meers, 2114 Millside, Louisville, KY 40223
- Michael Tannery, 6128 Imogene, Houston, TX 77074
- Garth D. Cave, USS L.Y. SPEAR (AS-36), S-1 Division, FBPO Norfolk, VA 23511
- Tina March, 311 Weymouth St., Dix Hills, NY 11746
- Arthur Berg, P.O. Box 435, Dalton, OH 44618
- Robert Lohman, 8101 Porter Ridge Ln., #8, Manassas, VA 22110
- Kent C. Macklin, P.O. Box 70, Steward, IL 60553
- David Madzelonka, 11836 Neuss Ave., Cincinnati, OH 45246
- Ned E. Duval, P.O. Box 20308, Astrodome Station, Houston, TX 77025

Recent renewals: Oulun DX-Klubi, Craig Healy-3, Steve Bohac-3, Joseph Mockus-3, Frank Wheeler, Fred Nordquist, Gene Nix, "Tomy" Thomas, Gary Siegel-2, Joseph W. Jones, Rich Eddie-3, John Blue, Charles Rader-3, Geroge Herr, David Legler, Jerry Bond, John Hupke, Jr., M. Katherine Davis, Jeff Falconer, Dan Cline-2, Dr. M. Richard Dickter, Scott Parker, Dave Fischer, David McCourt, Chris Hambley, Jack Woods, Herbert Heller, Ernie Wesolowski, Larry Glass. Numbers following name indicate number of years renewing.

Use of the tables - examples:

1. A DX'er in New York City wants to know how long the N. Y. to Turkey path is in total darkness on 15 NOV.
 From the tables: sunset/New York: 2150, sunrise/Turkey: 0501.
 DX'ing Turkey would be accomplished best by listening from 2150 to 0501 Z.

2. Interpolation may be used to compute the sunset/sunrise times for dates other than the 15th of the month. Interpolation is less accurate between mid-June & mid-July and between mid-December & mid-January because the solstices occur within these periods; for other periods, interpolation is reasonably accurate.
 ex.: During approximately what period should a DX'er in England try for Chicago stations on Halloween? For 31 OCT, you have gone through 16 days since 15 OCT; 15 days are left before 15 NOV.
 From the tables:

15 OCT	15 NOV
sunset/Chicago 2321	2242
change= 39 minutes in 31 days	
sunrise/Gt. Britain 0642	0739
change= 57 minutes in 31 days	

sunset/Chicago, 31 OCT = 2321 - 16days(39min/31days) = 2321 - 20min.=2301
 sunrise/Gt. Britain, " " = 0642 + 16days(57min/31days) = 0642 + 29min.=0711
 Chicago-England should be open from 2301 to 0711.

3. Chordal-mode propagation can occur briefly when sunset on the western end of a path coincides with sunrise on the eastern end.
 Find the times when chordal-mode propagation may occur on the Boston-Wulumqi path.
 From the tables, we see that this is likely to occur around mid-April and again in early October.

4. I'm DX'ing from Los Angeles in mid-May. Which countries will be impossible because they will never be in the dark at the same time as Los Angeles?
 sunset/Los Angeles, 15 MAY: 0245. If sunrise at the eastern end occurs before 0245, reception is very unlikely. The first five eastern hemisphere countries listed (China, India, Iran, Saudi Arabia, and USSR) have sunrise before 0245; therefore, reception of these on Trans-Atlantic paths can be considered virtually impossible.

TABLE 3: LATIN-AMERICAN SUNRISE SUPPLEMENT

Use these figures to determine the approximate eastern-end termination time of a Latin American DX path.

LOCATION	APPROX. G. C.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Natal, Brazil	35.1W 5.5S	0812	0816	0820	0825	0828	0831	0830	0826	0822	0817	0813	0811
Rio de J., Brazil	42.7W 22.5S	0813	0829	0847	0907	0923	0932	0929	0915	0857	0837	0819	0810
Surinam	56.5W 3.8N	0952	0949	0947	0943	0941	0940	0940	0942	0945	0948	0951	0952
Argentina	58.4W 34.6S	0850	0917	0947	1028	1047	1103	1057	1034	1003	0931	0901	0845
Barbados	59.8W 13.5N	1021	1012	1002	0950	0941	0935	0937	0945	0956	1007	1017	1023
Falkland Islands	61.0W 50.8S	0809	0858	0952	1051	1141	1211	1200	1117	1021	0923	0828	0757
Bermuda	65.8W 32.3N	1121	1057	1029	0959	0934	0920	0925	0946	1014	1044	1111	1126
Puerto Rico	66.2W 18.5N	1055	1042	1028	1012	0959	0952	0954	1005	1020	1036	1050	1058
Venezuela	67.0W 10.5N	1045	1038	1030	1021	1014	1010	1011	1017	1025	1034	1042	1046
Santiago, Chile	70.7W 33.4S	0942	1008	1036	1108	1134	1149	1143	1121	1052	1021	0952	0937
Colombia	74.1W 4.6N	1104	1101	1057	1053	1050	1048	1049	1052	1055	1059	1103	1104
Ecuador	78.3W 0.2S	1113	1113	1113	1113	1114	1114	1114	1114	1113	1113	1113	1113
Cuba	82.5W 23.0N	1209	1152	1134	1114	1057	1048	1051	1105	1124	1144	1202	1212
Costa Rica	84.1W 10.0N	1152	1146	1138	1130	1123	1119	1120	1126	1134	1142	1150	1154
Mexico	99.2W 19.5N	1309	1255	1240	1223	1209	1202	1204	1216	1232	1248	1303	1311

TABLE 4: Fill this in with the sunset & sunrise times for your location.

LOCATION/GC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SUNSET												
SUNRISE												

ASSOCIATION of NORTH AMERICAN RADIO CLUBS

15th ANNUAL CONVENTION

ANARC >>>> 80

JULY 18 19 20, 1980

IRVINE, CALIFORNIA

University of California Campus

Convention Chairman
MR. STEW MACKENZIE
16182 Ballad Lane
Huntington Beach, CA 92649
United States of America

LOCATION: Irvine, California (40 miles south of Los Angeles via #5 & 405 Freeways)

SPONSOR: Southern California Area DXers (SCADS)

CONVENTION COMMITTEE: Chairman - Stewart MacKenzie
Co-workers - Karen & Jim Young, Dave Browne, Don Johnson, Pete Grenier, Flo & Spence Naylor, Grant Manning, Don Schmidt, Mike Maghakian, Larry Kopriva and the San Diego DX Club.

CONVENTION HALL: UCI FINE ARTS CONCERT HALL

EXHIBITION HALL: UCI FINE ARTS GALLERY

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TOWNHOUSE RATES: \$23.00 per person per day single occupancy with meals included.
\$20.00 per person per day double occupancy with meals included
\$28.00 per person per day suite occupancy with meals included (limited)

BANQUET COST: \$10.50 per person. Prime Ribs of Beef Au jus

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Route your flights via LAS VEGAS to the John Wayne Airport (3 minutes from UCI).
Los Angeles Airport (LAX) to John Wayne Airport (JWA) via Golden West Commuter Airlines at LAX.

UCI RECREATIONAL FACILITIES: Heated outdoor swimming pool, 12 tennis courts (6 lighted), handball/raquetball courts, indoor/outdoor basketball courts, to name but a few of the facilities available for your enjoyment. Child Care services available.

FCC should keep control of radio

The Federal Communications Commission (FCC) is proposing to turn over the operation of the public's airways almost entirely to the radio stations. There now are so many radio stations, offering so much choice of communications, some FCC officials argue, that there no longer is any need to retain traditional public interest standards.

Specifically, the FCC wants 'marketplace forces' to replace existing requirements. Under the FCC's notice, if adopted, there will be:

1. No required news, public affairs or other informational programming;
2. No commercial limits—broadcasters would be free to air unlimited commercials;
3. No requirement to ascertain the needs and problems of their local communities; and
4. No requirement to keep records of programming.

The commission is not proposing to eliminate the Fairness Doctrine which requires presentation of diverse views on issues of public importance. But without programming records to examine, citizens will be very hard pressed to implement the Fairness Doctrine.

At a recent meeting of citizen groups in Washington, the FCC proposal was subjected to wide-ranging criticism. Why, it was asked, is the FCC not going to hold field hearings on these matters so that people in local communities can present testimony and ask the commissioners questions without having to go to Washington? Minority group representatives declared that the 'marketplace forces' ideology of FCC chairman Charles Ferris does not include poor black consumers within its demographics. Others in attendance asserted that free speech is not an economic issue and cannot be bartered away to the mercantile standard of dollar maximization.



Ralph Nader

Professor Charles Firestone of the UCLA communications law program decried the "inappropriate economic analysis" of the radio industry that is invoked by chairman Ferris to abandon the FCC's public interest standards. Firestone forecast the probable loss of public service announcements if the commission jettisons its nonentertainment requirements. The targeting of high-buying audiences for radio advertisers would become the norm, he observed, without the community information ascertainment rule. And without program logs, the evidence—the data base for determining how the FCC's new policies, if adopted, are working—would be lost. This recommended giveaway, Firestone adds, could well be a prelude to a similar proposal for television—that is, moving from an individual, renewable licensing approach, under public standards, to a monopoly marketplace under a perpetual license.

Not all the FCC commissioners are of chairman Ferris' mind. Commissioner Washburn, a Nixon appointee, has questioned whether the profit motive alone could provide sufficient incentive for broadcasters to provide adequate public service. Commissioner Fogarty wonders why experiments in a few radio markets could not be conducted to build a factual record that would provide a legally sound basis for the FCC's recommendations.

I suspect some people at the radio stations also may be unhappy about

chairman Ferris position. They include the community service and public affairs people, who have been hired in increasing numbers by the highly profitable radio stations, to meet the present FCC public interest standards. The prospect of robot-operated radio stations, drenched in music, canned entertainment and commercials, should concern them as well.

It seems to me that radio station management, now enjoying boom times, should oppose the Ferris positions. Otherwise, they will be exposed to a low common denominator pull toward overcommercialization and media patty which, a few years later, could well produce a strong counteraction by increasingly sophisticated community media reform groups in cities around the country.

The public flow of information requires a competitive prod more pervasive than turning the dial. Listeners must be given an opportunity, in the form of a community intelligence, to appeal to public affairs programming and other contemporary FCC standards. Their requirements provide an incentive through radio station programming diversity and innovation. Worked more actively, they would provide an active voice for listeners to attach to.

With increasing concentration of group radio station ownership, the FCC should be taking a more provocative role instead of letting the dollar be the sole gate-keeper for information to the public.

via
Ernie Cooper

WDCI set to broadcast at Gorham

GORHAM — This community's new radio station, WDCI, will start operations sometime between Christmas and New Year's Day, Frederic A. Miller of Portland, the station's owner, said today.

WDCI will have a studio on the first floor of the Gorham Historical Society building at 22 School St. The lease with the society was signed Wednesday, Miller reported. The AM station will also have studio facilities along with its FM sister station, WDCS, in the La-

fayette Town House, Portland. Work has been completed on the WDCI transmission towers here.

Miller said that about 25 percent of the new station's airtime will be devoted to Gorham news and public affairs. Much of the remaining time will have a religious orientation, he noted.

Thirty-five percent of the 20-hour-per-day schedule will go to sermons and other forms of preaching. Another 25 percent will go to Christian gospel music. The other 15 percent will proba-

bly have religious overtones. The station, which will have 5,000 watts of power in the daytime and 1,000 at night, will cover the Greater Portland area, Miller said.

He said there's no tie with any religious broadcasting network. WDCS-FM, also owned by Miller, has been using religious material in its morning broadcasts. It will no longer do so, becoming completely devoted to classical music about Feb. 1.

The new station will be off the air daily from midnight to 4:30 a. m.

via
Rod O'Connor

John Allchin

The following are loggings which show just how good TP DXing can be—from New Zealand. We're pleased to share John's interesting catches with you and encourage our other overseas members to share their DX experiences with us. Now, take it away John.....

The following stations were heard either at my home in Auckland (indicated by **AK**) using a Sony ICF-6800W connected up to an unamplified 36 inch frame loop antenna or at the beverage antenna site at Te Araroa, East Cape (indicated as **TA**) using the Sony, and a 1250 foot longwire directed to the northeast. Reception details appear in a Muse in DX NEWS dated 1/28/30. Times are E.S.T.

- 550 KTSA TX SAN ANTONIO - 11/19 0348 up fair w/contest promo, a '55 KTSA' ID then into rr. KMVI way under (TA)
- 560 UNID -- ----- - 11/20 0234 C&W made it through Fiji-558 and 2YA-567 splatter at this time, and other occasions, but never corresponded w/ID. KLVI & KWTO are suspects. (TA)
- 570 KLAC CA LOS ANGELES - 11/19 0256 peaking good w/C&W, frequent IDs thru 2YA-567 splatter (TA)
- 580 KFXD ID NAMPA-BCISE - 11/18 0534 at a good steady level w/Top 40 music, frequent IDs atop WIBW/KMJ. (TA)
- 580 WIBW KS TOPEKA - 11/20 0600 ending C&W selection, ID then into CBS mx. Good o/everything. (TA)
- 590 UNID -- ----- - 11/19 0331 station followed past 0345 u/& mx'd KGMB. EST t/c hrd, makes WPLO likely. (TA)
- 600 KSJB ND JAMESTOWN - 11/13 0355-0410 in fair o/KROD & Cuban w/C&W mx, ID 0405 as 'Radio 600, KSJB'. No sign of usually dominants KOGO & CJOR. (TA)
- 600 KROD TX EL PASO - 11/13 0405 ID moments before KSJB ID, as 'More mx Radio 6, KROD'. Had news beforethis, rapidly faded. (TA)
- 610 WDAF MO KANSAS CITY - 11/19 0511 fair o/subdued KFRC w/C&W, '61 Country' IDs, announcer was Phil Young. Lost to QRM at 0520. (TA)
- 620 WSUN FL ST. PETERSBURG - 11/18 0430 noted w/nx headlines to 0431, then ID & into C&W. Fair atop two others. (TA)
- 620 KWFT TX WICHITA FALLS - 9/26 in fair w/severe 3AR-621 het w/wx for TX & Wichita Falls, then into farm news 0550. (AK)
- 620 KNGS CA HANFORD - 11/13 0429 w/slight het against 3AR, C&W mx & frequent 'Kings Country 62' IDs, fair above the QRM. (TA)
- 660 WNBC NY NEW YORK CITY - 0218 ID & into Stevie Wonder song, promoting a 'commercial free half hour of mx' easily thru 2YC-657 slop, but gone by 0223. (TA)
- 720 KDWN NV LAS VEGAS - 11/18 0622 thru 4YZ OC (which was off for maintenance) with talk prgm sponsored by Holiday International. ID 0630 as 'K-Dawn' and KDWN. QRM R. Moscow which was in EE. (TA)
- 760 WJR MI DETROIT - 11/20 heard at 0200 w/ID 'This is Radio 76, WJR Detroit' then NBC Nx, thru severe KGU QRM. KFMB heard earlier. (TA)
- 770 WABC NY NEW YORK CITY - 11/18 heard 0256 past 0330 competing w/KOB w/Top 40 mx. 'WABC News' ID 0259, then sport & wx. Peaked vg. (TA)
- 820 WBAP TX FORT WORTH - 11/18 0135 thru extreme 1YZ-819 het w/talk. (TA)
- 880 WCBS NY NEW YORK CITY - 11/15 0555 cutting thru 1YC-882 at good level w/nx, and spot for Annual Olympic Ski Show at Rockland Community College. (TA)
- 890 WLS IL CHICAGO - 11/14 0449 unbelievable level w/advt's, and jx ID 'The Greatest Mx WLS'. Completely destroying Fiji & 2XW both on 891 kHz. First time heard. (TA)
- 910 KRIO TX McALLEN - 11/13 0235 atop KNEW/KJJJ with automated rr, & 'Super Rock KRIO' IDs. (TA)
- 920 KARN AR LITTLE ROCK - 11/14 0500 after a block of BFL mx, an ID and into NBC Nx atop another, some 3YZ-918 slop. (TA)
- 930 CJCA AB EDMONTON - 9/23 0851-0907 w/good signal way o/KHJ, Nx 0900, then Edmonton Area Weekend Wx 0905, sports nx. (AK)

930 KSEI ID POCATELLO - 11/18 0800 tentatively the one here u/KHJ w/Mutual IDs, very poor. (TA)

960 KABL CA OAKLAND - 11/15 0359 w/CLA music, ID 0400 'In the Air, everywhere, this is KABL Oakland, San Francisco', followed by nx. Good o/KARZ and 3YC-963 slop. (TA)

970 WDAY ND FARGO - 11/20 0143 Larry King heard here up and down w/KYTE/KPWA at this time, WDAY listed w/this prgm on 970, so seems likely. (TA)

980 CKRM SA REGINA - 11/19 0252 w/C&W mx noted past 0310 with 'RM-98' IDs way o/KFWB & UNID TT, 1YK-981 was little problem here. (TA)

1010 KLRA AR LITTLE ROCK - 11/18 0612 tentatively the one here w/CBS R. Network promc, weak and soon faded. Mixed at least two others. (TA)

1020 KBCQ NM ROSWELL - 10/11 0735 w/Top 40 mx fair to good atop KTNQ with many IDs mentioning 50,000 watts, taking requests too. (AK)

1020 KDKA PA PITTSBURG - 11/15 0248 floated in o/KTNQ w/talk show, zone again by 0250. Peaked fair. (TA)

1030 WBZ MA BOSTON - 11/18 0123 tremendous signal, equal level w/NZers on 1026 and 1035 kHz w/talk show, gave ph. no. as (617) 254-5678, then took call 'hello, you're next on WBZ Radio'. (TA)

1030 KCTA TX CORPUS CHRISTI - 9/7 0815 up to vg level with REL, ID annc'ing 50,000 watts clear channel, then 'Chapel of the Air'. Hrd o/KTWO. (AK)

1050 CHUM ON TORONTO - 11/19 0233 came in out of nowhere peaking strong w/advt's wx, and 'Chum' ID, then Bee Gees mx. Way atop SS station. (TA)

1050 CFGP AB GRANDE PRAIRE - 10/29 0750 poor to fair but clear with extensive farm and livestock reports, o/the Mexican. (AK)

1060 KYW PA PENNSYLVANIA - 11/19 0134 w/wx for '5 State Area' and 'KYW Newstime' ID, then into nx report from Iran. Fair o/CFCN/KPAY, noted past 0144. (TA)

1080 KRLD TX DALLAS - 11/18 0633 noted good o/KICE w/ID and C&W mx. (TA)

1140 KMJJ NV NORTH LAS VEGAS - 11/19 0620 fair to good w/PSAs & many 'Magic 11 KMJJ' IDs w/KRAK off for MM SP. (TA)

1150 KSAL KS SALINA - 11/19 0633 fair atop XEJP w/spot for Music Centre in downtown Salina, then '1150 KSAL' ID. (TA)

1150 KAGC OR KLANATH FALLS - 10/23 0747 with nx, wx and ID 'you're now up to date on KAGC'. Fair to good above QRM. (AK)

1150 KBAI CA MORRO BAY - 8/15 heard Eting 0817 with George Harrison song, then annc't that they were reducing pwr from 5000 watts to 500 watts, told listeners to standby. Wasn't hrd on reduced pwr. (AK)

1150 CKIQ BC KELOWNA - 9/9 0810 ID heard in between songs, then promo for contest 0914. Fair topping the freq o/QRM. (AK)

1150 CKX MB BRANDON - 9/23 0822 poor to fair with sports nx, then a '1150 CKX' ID and into mx. Made some further appearances, from time to time. (AK)

1150 KAYO WA SEATTLE - 9/22 0753 surfaced above the jumble w/KAYO ID, then SID & into C&W. Noted nil to fair to ABC Nx 0830. QRM CKX/KAGO (AK)

1150 UNID -- ----- - 11/16 0138 with Larry King, a couple of possibilities, WJBC seems most likely. (TA)

1190 KEZY Anaheim, CA - 11/18 0958 w/ID 'KEZY - Anaheim' then into prgm called Powerline w/John Rivers. Fair thru KEX CC. (TA)

1190 CFSL Weyburn, SA - 10/25 1317 surfaced o/KEX during KEX fade, w/ID & spot for theatre in Weyburn. KEX back on top by 0819. (AK)

1260 KGIL San Fernando, CA - 11/14 0610 in the clear before 3XA faded in, always in behind the NZer. (TA)

1270 KFJZ Fort Worth, TX - 11/18 0637 Neil Diamond hit, ID then wx for Fort Worth-Dallas Area from KFJZ's meteorologist Mike Rucker. Temp was 57. VG atop SS station. (TA)

1280 KKAL Arroyo Grande, CA - 8/14 1258 on new calls ex KFVW w/sports nx, and into C&W. Fair atop the QRM. (AK)

1280 KERN Long Beach, CA - 3/14 1314 w/blocks of instrumental mx, then Family Radio ID. Fair, when surfaced o/the QRM. (AK)

1280 KEDF Eugene, OR - 11/29 1214 poor to fair w/ID and into 'Knights in White Saturn' song, gone by 1213. (AK)

1280 KJOY Stockton, CA - 11/18 1310 faded up o/KFRN w/Top 40 mx, wx and jx ID 'W/Pat Kelly, KJOY', then into rr. Good signal. (TA)

1280 KIT Yakima, WA - 11/18 1449 topping the freq w/spot for warehouse in Yakima, ID then into Pop mx. (TA)

1290 WHIO Dayton, OH - 11/19 0710 pleasant surprise w/Carol King song, ID & wx then CBS R. Network prgm. Fair and cl ar o/QRM. (TA)

1290 KHSL Chico, CA - 11/13 0800 noted w/s/off annc't and SSB, leaving KMEN in the clear. (TA)

1290 KTRN Wichita Falls, TX - 11/20 0710 w/end of nx, then wx and '1290 KTRN' ID and into Bee Gees mx. Fair, dominating freq. (TA)

1290 KRGV Weslaco, TX - 12/20 1122-1200 w/extensive agricultural rpt's, wx, PSAs for forest fire prevention. Wx 1158 sponsored by Chevy dealer in Brownsville. Generally good o/KMEN. (AK)

1300 CJME Regina, SA - 9/14 1224 noted o/KWKW w/no sign of KMPS w/spot for car dealership in Regina, two IDs and into Top 40. Peaked fair but soon faded. (AK)

1310 KNPT Newport, OR - 9/22 1410 fair and alone on freq, probably on day pwr & pattern w/spots for sports coverage and list of sponsors, many IDs, then into mx. KDIA was there five minutes before. (AK)

1320 KGNR Sacramento, CA 11/14 1415 very good w/KGNR Sports ID. spot for United Calif Bank then more nx. (TA)

1330 KFN Wichita, KS - 11/20 0625 thru 1XI-1332 slop w/lady anncr, '13-KFH' ID & into C&W. Poor - fair o/2 others, soon lost to QRM. (TA)

1360 WSAI Cincinnati, OH ^{11/7 0834} exceptional level o/KRYS/KGB w/many IDs, spot for American Ctry Countdown on 'AM 1360, WSAI'. (TA)

1380 WLCY St. Petersburg-Tampa, FL - 11/13 0749 all alone except for XECO during unusual mx w/Top 40 mx, ID and nx 0750. No sign of KTOM. (TA)

1400 KVEG Henderson, NV - 8/13 0849 surfaced out of mud w/C&W song, ID then nx item 0850 on bushfires in ID & MT. Called station to confirm, spoke to AM & FM anncers. AM DJ Gil Guzman was really surprised - said 'My show is being heard around the world!!'. Couldn't wait to tell his listeners. (AK)

1400 KAAP Santa Paula, CA - 11/12 1145 up to fair level w/Little River Band, ID & PSA then back into pop mx. (AK)

1400 UNID ----- - 11/12 1331 weak, but clear enough to hear wx and t/c in MDT zone - temp was 2 below - many possibilities. (AK)

1400 KVEG NV HENDERSON - 8/13 0349 surfaced out of the mud with C&W song, ID then nx item 0350 on bushfires in ID & MT. Called station to confirm, spoke to FM & AM anncers. AM DJ Gil Guzman was really surprised - said "My show is being heard around the world!". Couldn't wait to tell his listeners. (AK)

1400 KAAP CA SANTA PAULA - 11/4 0645 up to fair level w/Little River Band, ID, PSA then back into Pop mx. (AK)

1400 UNID -- ----- - 11/12 0831 weak, but clear enough to hear wx and t/c in MDT zone - temps in mid teens - many possibilities. (AK)

1410 WIZM WI LA CROSSE - 11/18 0200 ending Larry King w/Mutual ID, then SID 'WIZM' and La Crosse, Wisconsin mention. Poor to fair w/ no sign CFUN/WUNI. (TA)

1420 WOC IA DAVENPORT - 11/12 0220 peaking fair o/KCCN w/'WOC Sports' ID. (TA)

1420 KTOE MN MANKATO - 11/19 0156 dominating to fade out 0205 w/Top 40, nx sports nx, advt wx & ID. Fair o/KSTN/WOC/KCCN (TA)

1420 KSTN CA STOCKTON - 11/19 0157 ID heard during mx on KTOE, w/promos for mx all night long. Poor. (TA)

1430 KLO UT OGDEN - 7/30 0816 thru severe het against 2WN-1431 taking calls for 'Super Sponge Contest', & '1430-KLO' IDs. Fair signal despite het. KALI way under in SS. (AK)

1430 KGAY OR SALEM - 11/14 1026 poor signal from this daytimer w/KGAY Nx & Sport ID, then into C&W. Gone by 1029. All alone on freq. (TA)

1440 WHYY AL MONTGOMERY - 11/19 0115 faded up to barely fair w/ID o/KUHL/KEYS and other QRM and quickly faded again. (TA)

1440 KUHL CA SANTA MARIA - 11/15 0417 best ever heard w/spot for the Union Hotel, then into Top 40 mx, good past 0431. (TA)

- 1460 KSC IA DES MOINES - 11/16 0343 poor to peaks at good level w/C&W thru minimal 3YW-1453 slop. Many IDs. (TA)
- 1470 CJVB BC VANCOUVER - 11/16 0359 past 0431 nil to poor mixing KESM and thru 1XA-1476 splatter w/instrumental mx. Wx from major world cities 0430. (TA)
- 1480 KYOS CA MERCED - 11/15 0226 thru little 1XA-1476 slop w/Top 40 mx, then ID. Some fair-good peaks. (TA)
- 1500 KXRK CA SAN JOSE - 11/14 0437 assumed the one here w/Larry King mixing KUMU/KSTP. (TA)
- 1510 WLAC TN NASHVILLE - 11/12 0112 frequent visitor around this time, later mxd KGA. Many '15-LAC' IDs, w/rr mx. (TA)
- 1530 WCKY OH CINCINNATI - 11/17, faded up to equal level w/KFBK with promo for an upcoming prgm and a no. of IDs clearly heard. (TA)
- 1540 KZLA CA LCS ANGELES - 11/16 0600 new calls ex KPOL heard w/Larry King to 0558, local prgm to ID & nx 0600. Good signal, strong het against 1539 kHz. (TA)
- 1550 KQWB ND WEST FARGO-FARGO - 11/13 0221 topping the channel w/Top 40, often hrd mxd and u/KGAR/KKHL. (TA)
- 1570 UNID -- ----- 11/15 0312 someone came up IDing as Centre Island Radio, then back into Top 40, and faded. Maybe often heard CHUB.
- 1580 CBJ PQ CHICOUTIMI - 11/19 0538 w/KDAY off, hrd instrumental mx, no anacts, then Canadian anthem 0556 and FF talk heard. Fair level. (TA)

73 for now,
John Allchin

NO ANTARCTICA TRIP: HE'S GOING TO BAHAMAS INSTEAD! 1/8/80

BILL TOWNSEND - 4500 Connecticut Avenue N.W. #901 - Washington, D. C. - 20008 202-956-8046
 ***** It has been several weeks since my last Musing. I'll be at the hials here for up to 26 more nights this winter. The Antarctic cruise aboard the Linblad Explorer has been scrubbed and will be reshed for Sat. 1/24/81 thru Thu. 3/5/81. The Honey (I don't mean a YL w/a sexy voice, hi) hit a shoal off the Palmer Peninsula on Christmas Eve & had to be towed to drydock in Chile. Now instead of icebergs & penguins, I'll be seeing bikinis in Florida & the Bahamas (I'll be in the "Bermuda Triangle" hi). Instead of being in JOHN ALLCHIN's bailwick in Ancland (I'll be there around 3/4/81) I'll be on JEFF LOCKWOOD's turf in early February (2/1-2/3). That means I can make the WADXA GTG on top for Sat. 3/1 at Jerry Miller's Baltimore pad. By the time this hits DX NEWS, WEAM-1390 will have gone BBD (as of Mon. 1/14) dropping the T-40 format. (possible SF MM 1/14). Maybe WEAM will have ME SFs each week & lower modulation and therefore less slop and improved DXing on 1380 & 1400 for D.C. area DXers. However the station will still carry GNU BKB games (we get a break from slop when the Colonials are on the air anyway except during spots). I'm not sure whether WEAM will carry Notre Dame FB next Fall. The Hoyas of Georgetown U. have their BKB games on both WINK-1300 & WOL-1450. The Redskins blew their playoff chances in ERLD-1360 (carries all Cowboy games) country, missing by a hairbreath. They'd be in if the Cardinals hadn't played lead against the Monsters of the Midway. After a two-week drought including a fruitless SSS session while watching the Christmas Tree lighting ceremony live & in person on the Eclipse. The DX began to roll in on New Year's Eve w/ten newies logged in the week ending 1/3/80 after only three in the previous three weeks. We finally got some polar WX, w/6" of frozen H2O in the shape of stars & temperatures as low as 21C, accompanied by plenty of DX. All this after an un-Christmas-like 31C midnight Christmas Eve & 52 Christmas afternoon. I was soaking up the sun & chasing bikinis (hi) but it rained Christmas Eve. Speaking of WFAG-1250 (now W9HB) in BILL TOWNSEND's turf, the D.C. area has its W9AY-1050 w/BFL format, owned by Connie B. Gay (it changed to WQKR "Quality Music Radio" in early 1980's, then reverted to its original call. Station personnel are not "gay" as the word is used today, hi. Salem, Ore. has its KGAY-1430, but there is neither KFAG or CFAG, AM or FM. I guess "fag" is more derogatory, hi. ("Fag" is an oltie term for a cigarette, Bill; hence the WFAG call in North Carolina, tobacco country -ERC) I'll be leaving D.C. Sun. 1/27, returning 2/15 - ten days in FL. & eight in the Bahamas. I'll be in Orlando by the time this hits DX NEWS. I plan to DX riding in Nassau or Freeport, I may get LAs w/SS spoken. I'll see if the NYC stations can be heard there at noon (they were in Bermuda). 73 & good DX.

MUSINGS

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

SPENDS HIS HOLIDAYS IN TORONTO

MORRIS SOLEMAN - Box 764 - Leaf Rapids, Manitoba - T0B 1W0 1/2/80
 I spent the last half of December visiting my parents in Kirkland Lake, Ont., 365 miles N of Toronto, & took the TRF along. I'd hoped to make a list of stations heard there regularly but there was so much skywave that I found this impossible. Interesting daytime skywave catches included WJW-700, CJRC-1150, CBOF-1250, CROT-1510 and many of the Chicago, Detroit and Toronto 50kizers all between 10:30am & 2:30pm local time. The most interesting nighttime catch was CFCY-830. In seven years of DXing from Ontario I never heard P.E.I. Other interesting loggings have been reported to RAY ARBUJA. ERC suggested in a previous Muse that I may have the furthest North TRF. Actually the salesman at the Winnipeg outlet where I purchased it said he has shipped several to Baker Lake and other remote points in the N.W.T. In a recent Muse, DARRYL BELANGER mentioned the Winnipeg Jets hockey net. Other stations I've heard on this net besides the ones he mentioned include CFAR-590, CHTM-610, CFAM-950, CJAR-1240 & CFSM-1250. I received a v/l from KLGK-1300, Iowa. KIMM-360 sent CM, bumper sticker, etc. but no veris as such. 73.

THE GREAT TENNESSEE BEVERAGE - PART II

DAV PHILLIPS - 835 Danton Lane - Birmingham, Alabama - 35210
 ***** On December 30 at 10am, KRMG-740 was on top - weird. 10:03, WBRJ-910 Ohio was on top of frequency. It really puts out a loud signal this was as KARL JETTER also heard them in Georgia in daytime I believe his Musing said. 10:05, WAGG-950. 12:19pm, WBOO-940 S-9. Three surprises, 12:31, WSFC-1340 Ky. on top; 1:05pm, WFLW-1360 Ky., & 2pm, WECO-1220 on top. Then the great experience. With a shimmer of moisture in the air I hiked to the other end of the beverage and took the Sony to see if it really was directional from the other end toward the opposite direction. It sure was. Stations inaudible before were booming in like locals. The following hit that category: WJMK-1090, WDOM-710, WAMB-1170, WMSR-1320, W120-1390. Also a Southern lobe emerged. Rom's WROM, WSB, WFLI were there. It sure makes a difference which end one is on. It would be an interesting experiment to place one DXer on one end and another on the other end and communicate by walkie-talkies about what they were hearing. Now for the biggest. On Dec. 31 I closed out with a whopping MM session. The following goodies were heard: At 1:17 new WCXI-1130 strong. 1:25, CFTB-380 igniting frequency, a big surprise, since, according to the pattern book, very little power is sent in this direction. 1:35, KFI-340 S-9 all morning. No Spanish stations around, hooray. Also about the same time CFRB-1010, WTVN-610, & WHIO-1290 on top. 2:11, CFPQ-1440, another good catch. Then @ 2:19 my best catch in WMID-1340 N.J. with local signal. Surprisingly none of the other graveyard stations tended to want to join the fun. Nothing would peak on those frequencies. 2:53, WFBL-1390, first time heard in years. 1:55 WQKR-1390 for new call. Total time for retrieving the antenna was 48 minutes with 30 of that spent rolling it up and fighting the thorn bushes. The rain continued but the experience was worth it. I doubt if I want to try another one tomorrow but maybe some day. Upon returning to Alabama these were heard: Jan. 4- 12:01am, WULA-1240 s/off over frequency. A couple of minutes later WWOX-1260 surfaced. That's all for now - great DX through the 80's. 73.

DK IS GOOD SO FAR THIS YEAR

SIDNEY E. MARSHALL - 7224 Pam Drive - Millington, Tennessee - 38053
 ***** Muse #3 and DXing has been excellent since I wrote my last Muse on New Year's Day! This is being written on Jan. 14th and I have logged 27 new stations during this period, with WHIO-840 being heard on 1/1 from 6 to 8:33pm for the first new one of the year. I have now heard all four of the U.S. stations on this frequency. Most of my new catches have been made at SSS with a few of the better ones being: KGAS-1590, KBGG-1500, WERK-1320, WAVN-1220, KWYZ-1250. These SSS listed were heard right at their s/off time w/an excellent signal. Those of you who are IRCA members can check the CDXR, in the DX Monitor, for my other catches over the past weeks. I have heard two new Canadian stations, i.e.: CJJD-1280 on 1/9 @ 9:04pm, & CFOR-1570 on 1/10 @ 6:33pm with both stations in for several minutes with extra strong signals. Having read "Arkansas Airways", an excellent book on the history of broadcasting in that state, each time I log a new Arkansas station it means more to me knowing something about its history and development. Of the 82 AM stations listed in this book (printed in 1974) I have logged 71 of them, with KBRI-1570 being my most recent Ark. catch, heard on 1/10 @ 6:15pm w/s/off. Well, I had better sign off myself, so till next time, 73's and good DXing.

ONE TO GO TO COMPLETE MONTREAL

TIM KERPOO - 189 Cedarvale Avenue - Apt. 535 - Toronto, Ontario - M4C 4K1 1/13/80
 ***** One new catch was heard since last Musing. On 12/28 I heard long-sought CFMB-1410 at 9:40pm during a fantastic opening to Quebec, in a foreign language (neither French nor English). Copy was very rough. So, now only CFCF-800 is needed to complete Montreal. 73.

DEADLINE FOR NEXT MONDAY IS FOR NRC'S TEN-YEAR-OR MORE MEMBERS. THEN THE FOLLOWING WEEK, IT'S THE DEADLINE FOR THE NEWER MEMBERS WHO HAVE JOINED SINCE 1/1/79. SPECIFY WITH YOUR MUSING IF YOU ARE IN EITHER CATEGORY SO WE'LL HAVE THEM IN THE APPROPRIATE SECTION.

THEY COULDN'T HEAR THE CJVB-1470 TEST IN NEW ZEALAND

RAY CRAWFORD - 57 Newbie Street - Invercargill, New Zealand 1/6/80
 ***** CX are not very good here with high noise levels present almost every night or a lack of signals. Reports out to CHU-690 heard signing off at 4:00 & WOC-1420 heard w/NX @ 4:30, IDing as "Dial 14 WOC in Davenport." Receiver used is an SP2A and an out of town location with several long wire aerials from 1,000 to 4,200 feet. Right on the coast in a swampy area and even have the use of a three bedroomed house, compliments of my employer, for the use of. Being a shift worker, in charge of the power supply department at an aluminium smelter, means no regular listening but I do most of it when I get a day off or am on the day shift. Recent varies in from EDWN, KOOK, KFMB, KBBQ, KWKW & KCAE as well as several Asians & Australians. Also one from Cuba-1430. This brought the totals to 1456. Countries stand at 161. From the USA/Canada there are 299 varies from 39 states. I've been in this hobby for 20 years now and was a member of NRC back in the mid-50's when things seemed easier to hear. Only just rejoined again last May. I'm pleased to see that my old friend, Chris Martin, of Australia won the CJVB contest to celebrate their increase to 50kw. Unfortunately the closing time of the show at midnight PST was too early for us to hear it here. Another half hour would have made a difference. I often hear test tones at quite good strength, but as seems to be the case with listeners everywhere, they never ID. Tones just go on & on. With the U.S. stations being on the even ten kHz a lot of channels have opened up for us since the frequency changes a little over a year ago but not as much heard as was expected due to poor conditions. If the 9 kHz comes into being for the U.S. it will severely hamper our chances of hearing very much. I'm hoping for a bumper season for the Latins this year when it comes around in May-July. The past couple of years haven't been very good. Regards.

SOME GREAT TA DX IN NORTHERN SWEDEN

YNGVE MATSSON - Tansjäv - S 956 00 Överkalix, Sweden 1/9/80
 ***** Greetings & Happy 1980 to you all! Well, it sure has been a very long time since my last Muse, so really now time for another in this "Overseas" special edition of Musings. (Missed the deadline by two days, Yngve -ERC) First a short re-intro. I am 37 years old & I work on my own farm. Tansjäv, my home town, is a very very small village located only a few miles S of the Arctic Circle here in Överkalix community in Northern Sweden. The DXing has for many years been my favorite hobby. It started a long time ago, in Nov. '58 I guess it was, when I did send my first listener report. The first years only SW DX, the MW interest started sometime in 1964 & seriously the MW DX took over around '68. Now the last years with only North America DX in the Winter season. My varie total from USA 41/166 & from Canada 10/103 (plus N.W.F.) Only the Yukon territory left to catch. My receiver is a Collins R-392/URR with 2.1 kHz mechanical filter. Antennas, two at the moment one for mountain & WC area in NA, and one directed more to the central or EC area. The WC antenna is a beverage, 1000 metres long, & the EC antenna around 800 metres long (without resistance termination in far end). The NA CX here in N Europe sometimes are very good. It started in middle of October with some days extremely good CX. NA's on the dial every day for more than two weeks. Nov. not that good but 14, 15, 24, & 25 rather fine. Then Dec. a period with good CX, started the 1st and with NA's through every day until the 22nd when it all completely died. Christmas & New Year with lot of spare time for DX gave nothing this year but now Jan. 7, 8, & 9th the CX are slowly coming back it seems. A lot of stations heard, and at the moment reports are out to around 30 newies. Here are some of them: KLTC-1460, KOOK-970, KNIZ-1480, WEMP-1850, KCKX-1480, WKRK-1310, KSEN-1150, WMAJ-620, KHAR-590, WSAR-1480, KIML-1270, CKDC-1150, CHCM-560, CKGA-730, VOOM-590, CBM-600, CBM-740, CKDM-730, CFNB-550, CKLC-1380, CKKC-1390, CHSM-1250, CJAR-1240, CBJ-1580, CJSJ-1280, & CKST-1070. Varies from: KLTC-1460, KOOK-970, KNIZ-1480, CKNW-980, CKST-1070, CJSJ-1280, CBJ-1580, CHSM-1250, CHRL-910, CKYL-610, KCAM-970, CKSO-790, KJJB-600 & CKSW-570. A season like this one with high solar activity & often rather bad MW CX one really realizes the importance of a good antenna. With ordinary short LW you hardly get any NA's through, while with the 1,000 metres Beverage plugged in there can be NA's almost every 10 kHz on the dial. DXers who are not fortunate enough to get space for a long Beverage obviously are missing many openings on the MW. CX sometimes are rather strange. For instance yesterday morning around 8:45am our local time only weak signals from some 50kw dominants of no interest to me, but then on 1270 there was a strong signal & when the ID "KIML Gillette" came I hardly did believe my ears. This station only heard a couple of times by DX-peditors here in Scandinavia & now this morning completely dominating the channel for 1 1/2 hours. Season's Greetings from the Wntry North of Sweden. I'll try to Muse on a more regular basis this year. (We hope so, Yngve-ERC)

AN OLD FRIEND IS RETURNING

BRENT TAYLOR - ER #7, McLeod Hill Road - Fredericton, New Brunswick E3B 4X8 1/3/80
 ***** I plan to be re-joining the Club in the very near future, & Musings. I was into CIHI-1260 this afternoon & spoke w/Dick Cleveland, the w/s at the station. He told me they had just printed up some QSL cards & were eager to mail them out. He also showed me a taped report from Finland which was quite surprising since their pattern does not favor that direction. All in all he seemed very co-operative. I will be doing most of my DXing out of Fredericton now which is about 55 miles from my old location of Doaktown so I don't think I'll be starting new logs all over again. Must go now - see you in the Muses, hi. 73.

WE'VE HAD SOME FINE MUSINGS SUPPORT THESE LAST COUPLE OF ISSUES, AND WE THANK YOU FOR IT! BUT, THERE'S ROOM FOR MORE! YOU IN HERE! TELL US WHAT YOU'VE BEEN HEARING AND WHEN, AND PLEASE BE KIND ENOUGH TO DOUBLE SPACE. PLEASE USE E.L.T., A.M. & P.M. THANK YOU! -ERC

WELCOME TO A NEW MEMBER FROM THE BUCKEYE STATE

DAVE ARBOGAST - 3851 Porter Road - Rootstown, Ohio - 44272 216-325-2807 before 10pm EDT
 ***** Hello! I just joined the NRC, and I'm glad to be here. Suppose I introduce myself. I'm 14, been DXing since September with a DX-160, on the morning announcer at Southeast High, am currently working as Student Coordinator of Project RADIO at Southeast. We want to start a school radio station. I am also a member of the Portage County Communications Club. With the 160 I use a tape deck, and two IFRs. One is N, the other KNE. I'll be adding more when time permits. I will be moving my shack (also a bedroom at times, hi) to the lower portion of the house. (I am currently upstairs). I am going to build a loop very soon, in hopes of nulling out WWK & WGAR. I know it's gonna take some doing, as their IFRs are only five miles from my place. To DX: WHAM in fair/good @ 4pm for ID & NK, 12/28. WCCO w/MGM Liquor Warehouse Spot @ 9:50 on 12/27. 1/3- WFAH, a semi-local, no e/off announcement or ID, but the carrier vanished after 30 seconds of dead air. Details were sent to DDXD. WOOD-1310 in fair w/CSW mx @ 5:17pm. 1/4- WFBC-1330 Greenville, S.C. w/ID folo by Carter w/speech @ 9pm. That's all. Recent varies, CJRH-1290, WRVA-1140 (more on that ordeal next issue), PP/c back from WTCL, PP/c back from WFIR. Love those regional channels, especially 1310 & 1330. From what I've seen, NRC is the best Club around. So, people, how about keeping Mr. Cooper busy this Winter with a Musings? It's not hard! C'mon! If I can, you can. Let us know you're alive and tell us about DX. Support NRC. It's your Club, you know. go, to wrap it up, as BILL TOWNSHEND would, Vggggg-73 to you.

AND ANOTHER, FROM THE LAND OF LINCOLN

PAT MAFEN - Mahomet, Illinois 1/11/80
 ***** Hello, fellow DXers! Being my first Muse, I shall introduce myself. I am 15 years of age, and have been DXing since 1975, as a result of an article in a school paper, called "Radio Bingo." I use a TRF, and a Select-a-Tenna, which I purchased from Hamand Scientific in 1978. I also DX FM & TV in the Summer. Totals are: AM; 566. FM; 268, and TV, 180 for a grand total of 984, not far from the big 1,000. Now on to DX: Since November of '79 I have logged over 120 newies. Recent catches: WACK, Austell, Ga., WSTL, Hainance, Ky., WJZA, Harrison, Tenn. all logged at sunrise on 1600, 1/7. That makes 19 on 1600. WGBS-710 Miami Fla. & WWSF-1600 Key West logged on 1/3. On 1/6 I logged WABT-1000, with 6pm s/off, 45 on 1000, not bad for being only 120 miles from WFL. A few months ago I logged KOMO from Seattle on a Monday morning. I am still trying for KKL-1190. KNIX-1580 was heard for only the second time, on 1/9, also KPIK & KZIA heard, same night. Recent varies: KWRE-730, WGY-810, KWED-1580, WNOX-990 w/letter, v/q, and two bumper stickers, WSAI-FM (to go with my WSAI-AM varie, a matched set!) KABL-1410, WIS-890, KDA-850, ESL-1160 - 24 varies to date (AM), 1 FM, & 12 SW. My top AM frequencies: 1580 - 20 heard, 1600 - 19 heard, 1550 - 20 heard, 1590 - 16 heard, and a tie between 1660 and 950, 11 heard. Well, I'm beginning to get ink all over my hand, so I shall stop here. My apologies to ERNEST COOPER if some of the words are blurry. That's it for now. 73's.

AND HERE'S ANOTHER NEW REPORTER!

EDWARD L. CUMMINS - 1514 Pemberton Drive - Columbus, Ohio - 43221 1/16/80
 ***** I have been a member of NRC for nearly three years and this is my first Muse. To introduce myself I am one of the older generation. In spite of this I am enthusiastic about MW DX. During the time I attended the University of Iowa in 1922 I would listen to KFI on a peanut tube set with earphone, resulting in a considerable loss of sleep. My new R/7-DR/7 and Radio West DXer's Special loop antenna is a trifle more sophisticated. The set arrived the day before Christmas. Since then I have been logging stations whenever possible. A few of the stations listened to include, on 12/25: KFI-840 @ 7:35am, with WJLO on the air, & CHLO-1570 @ 8:29pm. On 12/26 WJLS-560 @ 8:29pm. On 12/27 WGIC-1500 @ 9:33am. On 12/28 WTAR-790 @ 7:12pm, WFO-900 @ 8:32am & WCIT-940 @ 8:38am. On 12/29 WDM-930 at 10:03am, WITZ-990 @ 10:42am & WMBD-1470 @ 7:04pm. On 12/31 WARD-540 @ 11:06am. On 1/1/80 WXYQ-1010 @ 8:41am. On 1/6 WBOB-360 @ 5:02pm. On 1/7 WTOP-1500 @ 8am. There was no readable ID but there were traffic reports for the Pentagon, Alexandria & Washington Bridge. On 1/8 WDSM-710 @ 4:58pm, WJVA-1580 @ 5:46pm, KAAA-1560 @ 5:51pm and WSHY-1560 @ 5:53pm. On 1/10 KATZ-1600 @ 5:59pm. As of 1/13 I have logged a total of 145 stations. Not overwhelming, but respectable, I hope. 73's.

DAN'S BEEN BC-ING & SW-ING

DAN SHEDDY - Box 31 - Encinitas, California - 92024 1/13/80
 ***** 12/24- PJB-800 12am, so loud I thought *was XEROX, KCCG-930 7:15pm s/off, no SSB, & likewise KBRK-940 @ 7:15pm s/off. 12/25- KMAK-540 10:05am, KAFB-610 10:12am, KPIF-900 10:20, KBBJ-950 10:30am, IDs as "Country 95" & "KBRJ - where your friends are," KWT-950 10:35am beating KBRJ into the background, unnn. XEPV-1660 10:45am pretty late for me to be making their presence felt, KPIN-1260 10:57am. 12/26- Titania-825 12:25am w/discop/yp, XE--950 IDing as "R. Centro", & KYTE-970 9:32am. 12/28- XROY-1000 8:26pm, XAAA-1340 8:40pm. 12/31- Three hour special programme on Glenn Miller on WHO-1040, so DX took a back seat for a few hours, very enjoyable indeed! 1/3- KLVV-1410 ex-KBIK 9:30am. 1/5 Yay! The Ecuadorian on 995 made it in for a couple minutes @ 2:15am, carrier but silch audio on 945, same time. 1/6- KNIX-1580 AN now (or has it been & I'm just a trifle slow to catch on?). 1/7- EMGX-940 11:22pm, R. Mexicana-970 likely unnn XEJ, @ 11:30. 1/8- XRSO-1350 lam. Couple of unmentionables (harmonics), 1720 IDs as Radiorama & mentions Cd. Juarez, so likely XERN-860, & 1620 IDing as R. Trece, which is kinda weird if it's 2x810, but then ya never can tell - both heard 9:30-10pm 1/5. One last one: 1/12 XENW-860 e/on 7:07am, IDs as "la ene doble u" and "estrella de oro" has to be heard to be believed, they just swoop on frequency & turn on the power. Couple TCs & into rancho mx. Back to 60 & 90m SW for the duration of the past week or so. Enough foolishness - support the Living NRC - 73. Asian SWs are getting "free-form".

NO SMOKING, PLEASE!

PAUL MOUNT - 354 West Columbus Street - Nelsonville, Ohio - 45764 12/3/79
 ***** Remember Julie, the gal I introduced DXing to at 2 a.m. (a few Musings ago)? Well, she is engaged. For those of you who wondered why Ernie called me "Mr. Editor", it's because I've just been appointed Eastern DX Forum Editor in the IRCA. Forum is the member write-in column similar to Musings. And, as I'm often seen in NRC's Musings, we've seen some Forums from Mr. Cooper recently also. Continuing with DX or distinctly lack thereof, MM 11/12 I surprised myself by going to bed before midnight. Driving in Nelsonville, listening to WLGW playing a very soft song, "The First Time Ever I Saw Your Face", I heard talk underneath, about "CFLT-FM - listen again tomorrow - Ontario," & decided this to be CKOT, Tillsonburg. Time was 4:08pm and the sun was shining brightly so you can be sure it was a surprise. However, WLGW had reduced to 250w before then. Also for those of you wondering, I asked the CE about TESTING and he said it's always in the Spring, so I will leave it at that. Last year I asked him about a week after the Proof had been run. He is employed also by WOUB-1340, WOUB-FM-91.3, WOUB-TV-20, with three repeaters, so free time isn't too easy to find. I believe he is just a "contract engineer" at WLGW. 11/14 in the Wonderful Communications Systems class we plotted a radiation pattern for two towers - another thing I'd wanted to understand better as a DXer. Unfortunately, after that we went on to another topic rather than go into three & more tower arrays. 11/15 was the day of the Great American Smokeout, & I offered albums to listeners who, in a move to stop smoking, would come in and throw out a half pack or greater of cigarettes. In addition WLGW had PSAs from rock stars about how they hate smoking. Cigarette smoke bothers me terribly so I was glad to find out about such a day and work with its concepts. (You better stay out of North Carolina, Paul! -ERC) Actually had to give up cigarettes because it stunted my growth. Too bad MIKE HEPPE's graveyard catches didn't appear in BILL HALE's column; he would have had several records. I was also impressed by my ten mile record for WOUB; guess I beat BOB GALENSTEIN out for that one, hi. IRCA members, I would like to hear from you in Forum also unless it's a carbon of your Musing. I called CJVB the day of their TEST and the announcer casually said the furthest caller was "Brisbane." 73.

LARRY HAS MOVED TO SOUTH DAKOTA

LARRY WILD - 909 South Lloyd - Aberdeen, South Dakota - 57401 1/12/80
 ***** Since it has been almost a year since I last Mused, I guess a reintroduction is in order. I'm 37, married, and have two children: a daughter nearly eight, and a son who just turned five. We have just had our third child, a son, born a few days ago. I'm a college teacher at Northern State College in Aberdeen. Last year at this time I was living with my wife's parents on their farm in Southern Illinois, and attending graduate classes at SIU in Carbondale, Ill. While there I logged 188 stations in 27 states, and two foreign countries: Mexico & Bonaire. In August we moved to South Dakota, and by September I had run out 50' of hook-up wire to a near-by tree, and began to DX the BCB. So far I've logged 182 stations in 31 states, six provinces and one foreign country: (Isn't Canada a foreign country?) Mexico. Most of my listening has been done at sunrise since I'm still in school at sunset. But with the birth of #3, I'll probably have a lot more late night DX sessions, like at 2 & 4am. The ground wave reception here is really unusual; Denver, Casper, & Minneapolis are daytime regulars; & I've logged Chicago, St. Louis, Albuquerque, and even Cincinnati during lunch hour. I've developed a list of the daytime regulars and will include it in a later Muse. I also listen to the SW BCB, and have spent the last several days listening to live coverage of the U.N. debate on the "Afghanistan Question" as broadcast by the VOA (mostly in the 18 meter band). Their coverage of the U.N. debate is a lot more complete than the coverage on the "Evening News". I've regularly noted two non-directional beacons just below the BCB: ORC at 520 kc/s, & HRQ a little below it at about 518 kc/s. I'm almost out of space so I will sign off, 73's and Go! Bless. (Congratulations, Larry! -ERC)

HE MAKES HAY WHILE THE SUN DOESN'T SHINE

STEPHEN H. PONDER - Box 1712 - Matthews, North Carolina - 28105 1/17/80
 ***** Greetings to all again from Metrolina! It's been so rainy here that I am beginning to mildew, hi! The weather has been almost like a monsoon - wind, rain, and more rain. I hope that we have at least one appreciable snow before the summer sets in again, hi. Now to the DX! Latest heard: WJTP-1130, R. Paradise-1265, WSKS-580, WHEL-540, WHGI-1050, WRC-980, YSCF-1155, WGGD-1490, & WLWL-1500. Latest veries include: WSKS-580, WYLA-570, WKIX-850, WAYN-900, WJCN-910, WYER-1090, WNSN-1130, WJTP-1130, Paradise-1265, WKST-1280, WCSC-1390, & WAME-1480. What's been keeping us from the dials? Well, you see, working in a local church kinda takes all my free time away. I try to plan some hours for 'prime DX' but those hours sometimes get mislaid. I'm not complaining, because I really enjoy my work. I'd just like to be able to sit down with a good radio one night, hi. If you like radio phone-in shows, try the one on WBT-1110 called "Hello Henry". It's on nightly from 9pm till lam EST & covers all subjects. Frequently Henry Boggan talks about radio and many times late-night D's from small stations will call in to talk. I got a name for a verie signer from a Georgia station that way, hi! Oh well, maybe I'll have more DX to report next time. So long from muddy Metrolina. 73.

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830

***** Veries, CFCL, said off pattern when I got 'em, & also a nice friendly v/l from WCLN, says 'always glad to hear from DXers.' CFCL has two sister stations, CFLH Hearst, & CFLK Kapuskasing. WPOE-1520 has an ad in Broadcast, says March 1 start. KLYC, Laurel, Mont. is tankrupt & sale by sheriff coming up - I didn't know they got on the air even!

MARK'S IN SCHOOL IN FLORIDA

MARK STRICKERT - 960 Complex #W705 - 1239 Dickinson Drive - Coral Gables, Florida - 33146
 ***** Hello from Suntan U. (University of Miami) - lots to write about in last few weeks, like ROB KRAMER's QPG over New Year's. What an event! An unusual late December warm spell brought a big TV DX opening out East, which meant getting "stuck" watching "Hello Larry" on CKCO-12 Kitchener, Ont. & an American Express commercial in French on a UHF relay of CFLT Toronto at the same time in Bob's well-equipped "shack". \$500 was heard, WJAR-920, also state #39. Chi-town totals are on hold at 510/39-plns/5. Very little DX here in Sub Flaw, thanks to the distractions of beautiful weather, beautiful girls, and not-so-BFL Cuban stations. A brief daytime dial-scan between 540 & 900 kHz revealed no less than 15 different stations en espanol. Main posts locally are WVOG-1280, as their towers are very visible 1/2 mile W of me (I got a nice Western view from the seventh floor, especially when some bikini-clad females are sunbathing on the football field below, hi), & WGBS-710, whose towers can be seen on a clear night. WFFS-790 also is fairly near but they've got an unbelievably clean signal. ZBS-3 Freeport, Bahamas makes for good listening day & night. WCMQ-1220, a weak daytimer, was just sold for \$3 million, and there's a big fight for 990 kHz, vacant since WFAB was forced off three years back (What a night that was!), looks like it will go to another Latin group. I was mildly amazed to see the "clique" from Toronto (IDUG MISER, GREG WILSON, and NIEL WOLFISH) join NRC. Back to the GTG - many fine DXers were in attendance, including the portable Akronite (I stole that one from somebody in GNDX, I believe), GEORGE GREENE, & all the local gang like NORM GUEHR, EARL HIGGINS, MIE JZIZORSKI, KARL FORTH, BRIAN SHEERWOOD (uneasy SIU-er), RICHARD PETER, ANDY KWIATKOWSKI, and more. Activities included netf soccer, the run to Pepe's Tacos, two runs to Jack-in-the-Box, three runs to the washroom (hi), & a game of Risk with Bob Goodman, Brian, & Mike that lasted two years (with time out to toast the New Year with a can of cerveza fria - I'm learning, hi). My sow flaw adventures next time. 73's.

RON SURVIVES A TRIP TO HABANA & IMMOKALEE

RONALD F. SCHATZ - 5651 S.W. 2 Court (106) - Margate, Florida - 33068 305-971-3605
 ***** Well, sorry to miss the "Solid South" edition of Musings, but mail from Cuba is slow, hi. The Cubans made a bundle of changes with the new year, such as dismantling the famous CMKC, R. Revolucion Net & even moving CMKC from 840 to 1200. Other changes should be in IDXD. After our trip to Habana, GLENN HAUSER & I visited WYFR, "Family Radio" near Okeechobee, then it was over to the Mexican town of Immokalee & a too-brief visit with STEVE KENNEDY. Finding Steve wasn't easy, especially since WYFR's tower doesn't have them little red lights, so at first we latched on to the wrong one, hi! Anyway, I owe Steve a gourmet's banquet; the poor guy got a financial taste of my infamous appetite, hi. It's good to see our Florida membership finally getting active again; anyone for a state-wide convention? Well, once things settle down some more, a new Cuban station list will appear again - very shortly. By the way, I can be reached at work 9-12am & 1-4:30pm at 1-305-776-4100; then say something like "Give me extension 2396 please", then ask for "Ron". I've got a WATS line, but I seldom have time to use it. TM articles are in progress, & by the revival of the ISCA. Future travels - Panama early in June, either the NEC or IRCA Convention (but not both), & back to Habana & Santo Domingo as convenient. San Andres also, if I can pull it, on the way to the istmus. I may be willing to do a technical Q&A column for DX NEWS if there is enough interest & the LPC approves. 73 de RFS. (5% interest would be one out of 20 members, or roughly 40 folks -EEC) hi.

LACK OF SNOW DOESN'T DETER DX

DAVE HUKAKOSKI - RFD #1 - Box 409 - Brooklyn, Connecticut - 06234 1/17/80
 ***** Hello again from the little snowless town in the little snowless state in the snowless region called New England. (Try to say that ten times fast, hi). By the time you read this, we'll probably be covered by ten feet of the white stuff! However, the lack of snow has had no effect on DXing CX, so one can't use that excuse for not DXing. To prove this, I'll tell you what I've been hearing. 1/7 was one of the best openings to the 8 this season that I've heard. It all started w/WARR-1520 in w/ID & 80L mx @ 5:03pm. Then @ 5:28 on 1380 was WTOB w/Twin City WX, Toni Deck w/local & state MX, very good signal. Seeing that CX were rapidly becoming better, I went down the dial hunting every frequency for a new one. Quickly logged was WMTN-1300 @ 5:34 w/Morris-town Federal Savings spot, area mentions, & C&W mx. WWSA-1290 was blasting in @ 5:40 w/mention of their top 30 charts, and gave their address. As one can see, I'm the kind of DXer who doesn't stay on one frequency, but jumps about trying to hear everything I can. CX now pointed to Alabama. WBAM-740 was heard at 5:50 w/C&W, unnn WYOK was very loud @ 5:51 on 890. Then, one of the best catches on a regional frequency was WEEK-960 w/local MX, spots, ID, what a clear signal! This was at 5:57. Then to top it off was KWKH-1130 w/WNEH @ 6 w/Paul Harvey, then MX. That was 1/7. Nothing much heard after that. On 1/8 WFSF-600 @ 3:50pm way o/WICC. 1/9 - WTVR-1380 @ 6:10pm, with plug for AM/FM-98, & BFL mx; WTTI-1570 o/u CKLM @ 5:29 s/off w/SSE. Lastly on 1/17 @ 5:40 was WSRF-1580 good (and alone) w/spots, "Surf" ID, C&W mx, but faded away quickly. On 1/10 @ 10:10pm I noticed stations carrying UConn Huskies BKB, called the Connecticut Radio Network, which consisted of WICH-1310, WILLI-1400, WPOP-1410, & WQQW-1590; there might have been others. Domestic heard total is now 726, inching its way every week. I'm running out of room, so 73's and best of DX.

ISN'T THIS A GREAT SECTION THIS WEEK? IT COULD HAVE BEEN EVEN BETTER (YOU WHO DON'T HAVE A MUSING IN HERE) IF YOU HAD SENT ONE IN! SO WHY NOT TRY TO MAKE THE NEXT ISSUE SOMEWHAT BIGGER AND BETTER BY DOING JUST THAT! LET US KNOW WHAT YOU HAVE BEEN HEARING, AND WHEN, AND PLEASE USE A.M. & P.M. E.L.T. PLEASE MAKE IT EASIER ON YE EDITOR BY DOUBLE SPACING.

M O T H B A L L M E M O R I E SCHAPTER CXXIII - "HOTLANTA IN THE MID-SIXTIES"

-by MALCOLM MAXWELL.

Atlanta AM radio was rather unusual in the mid-60's. There were only seven fulltime stations in the Metro area and only one - WSB - 750 - that had good coverage at night. The main stations for young people were WQXI-750 and WIIH-970. WFLO-690 had been a Top 40 station until 1966 when it changed to C&W. WFLO had two well-known DJ's: Red Jones who is now at WFOM-1230, and Hugh "Big Hugh Baby" Jarrett. Hugh Jarrett did an evening show and during the "British Invasion" of the mid-60's he didn't like playing British versions of American songs! The main T-40 station was WQXI "Quixie in Dixie." Quixie had a long, colorful list of DJ's: "Dr. Don Rose", Paul Drew, "Skinny Bobby Harper", "Tony the Tiger" Taylor, and Barry Chase, who is still on the air on Quixie in the afternoons. Quixie had one problem - at night they went directional and lost a lot of listeners in the Northern end of the city. Because of that, a lot of us listened to clear channel rockers like WLS-690 with John Landester, WCFL-1000 with Larry Lujaek and WQOW-1190. During the day, WIIH had a good share of listeners. Skinny Bobby Harper moved from Quixie to WIIH-97 and held down the morning and the afternoon slot was held down by Ross B. Brittain, who got into FCC trouble by airing phone calls without a tape delay. My memory is fading, so I will sign off now.

NEXT WEEK, ~~HOW EASKEY~~ RE-SUBMITS A MUSING HE HAD IN A 1982 DX NEWS, from GALVA, IOWA.

A 'LOST BROTHER' RETURNS!

JEFF FALCONER - Box 63 - Clinton, Ontario - NOM LLO 1/8/80
 ***** Hi all! It's been ages since my last Musing (about three years) so here it is. First a re-intro is in order. I am 26, single, and presently unemployed. I recently completed an electronic technician course at a community college and am looking for employment along that line. I've been DXing the ECB for about 10 1/2 years and have about 1,700 stations heard in about 60 countries, 49 states (I need Alaska), and ten provinces. Most DXing here is done at LSR or on MM. This season is about the first that I've done any serious DXing at LSR. Shaping up to be a good season with over 100 new ones heard and over 60 veries since 10/1. Best veris so far this season is from WT613-1610, Cincinnati TIS who claim they are only 2 watts (I'd say at least 50 watts, but still a nice catch). I plan to become a regular in these pages again so look for another Muse soon from Huron County's only known BCB DXer. 73. (Welcome back, Jeff! -ERC)

WJPC-950 WILL SOON BE A FIELDTIMER

JOHN R. VODENIK - 4380 Maryland Street - Gary, Indiana - 46408 W9SAUJ 1/12/80
 ***** I feel that I may have given y'all some information in my last Muse that is not totally correct. My note on the power increase by WMFT-1470 came to me through a person not directly connected with the station. I was in contact with the new owners about a year ago, and that was discussed, but as I mentioned, things have fallen off as to what they plan to do. I stopped at the new WJPC-950 XR site and was met by a security guard. He said that there was no commercial power to the site yet, and that the tower lights were running off of portable generators. I will try to step by during the day, not at 1:30am & talk to the engineers about when they expect to fire it up. In case you didn't know, WLTN-1370 in Gary has a CP for full time, but I don't know the power as yet. I also heard that Radio Shack has discontinued the TRF, and will replace it later this Spring. I found one for \$15 off, and so picked it up. I hope it works better than the R-100A. Not too much BX at my work site, 580 feet above the streets of Chi-town. A 1.1 meg. TV transmitter sync. really tears up even the local 50m's. I am only 50' from the box. Best 73s as DX. BCNU.

A FINE HARVEST FOR NEIL IN MID-WINTER

NEIL S. ZANK - 629 Lyncrest Drive - Lincoln, Nebraska - 68610 1/17/80
 ***** It seems that time has really flown by since my last Muse contribution, so here I go again. Last Muse I reported 1,190 heard, & now my total is 1,203 - so there must be some BX to relate. 11/30- Unn KMSD-1510 Milbank, S.D. noted lead ETing 1:45-2:01am. 12/3- Barely heard WKB-1420 Cleveland, for a report w/OWB, SX NX, P8As, etc. 2:45-3:04am. 12/5- Unn KCHI-1280 Broken Bow, Neb. ETing w/Ts 2:06-2:17am ID. WJED-1350 Salem, Ill. poor with s/off @ 5:45pm for a new one. 12/8- Newie KSPI-780 Stillwater, Okla. 6:10-6:15pm w/SX NX into s/off. 12/10- Newie KEGG-1560 Daingerfield, Tex. on TEST with good signal 3:40 to 4:02 am s/off - one of my three unheard Nebraska stations; WDUZ-1400 Green Bay w/up/down signal 2:45-2:55am & T-40 mx & IDs; WFPL-1390 Syracuse, w/WVON w/rock mx & IDs 2:55-3:15am. 12/21- WFLA-1530 Poplarville, Miss. on ET w/Ts & OC 1:45-3:03am, finally IDed @ 3:03. 12/22- Unn KPCO-1560 Chickasha, Okla. on FoP w/T & OC 1:12-2:11am. 12/24- WWSB-1340 Milwaukee w/C&W mx & ID 3:09-3:15am, first time heard with this call. 12/25- WMTS-810 Murfreesboro, Tenn. in mall of KCMO 5:20-5:29pm s/off w/C&W mx & insurance co. spot, first time heard since before I joined the NBC; WKCU-1350 Corinth, Miss. 5:32-5:35 poor w/bank spot, ID & T-40. 1/5- WAJK-1590 Galesburg, Ill. 5:30-5:45pm w/AI NX & MoR. 1/7- UnID-1240 ETing w/Ts 1:30-2:05am with one ID which sounded like "KTTL". 1/11- Unn KOLE-1340 Fort Arthur, Tex. dominating frequency w/T-40 mx & F DJ. 1/14- CFFA-1230 Thunder Bay, Ont. 3:03-3:15am w/NX, WX, ID, into rr for my first Canadian graveyard. 1/15 888- WNB1-980 Park Falls, Wis. new here with pop mx, ID, into NX 4:50-5:05pm. 1/17- Bare CJNB-1050 North Battleford, Sask. w/NX, SX, WX, & s/off 2-2:08am. Latest veris received are: KBHE, KIMM, KRZJ, ESPI, XCOW, KEGG & KBBC. Over the years it seems I have had poor luck in getting veris from stations with three letter calls. If you don't help out on CFC you will be held hostage by Ayatollah Bedoya!

THANKS GO TO TH THREE DOZEN OF YOU WHOSE MUSINGS WENT INTO MAKING THIS A GALA ISSUE! IF I DON'T SEEM TO BOLD AND DEMANDING, HOW ABOUT DOING IT AGAIN REAL SOON, LIKE NEXT WEEK? -ERC

UP & DOWN THE DIAL WITH ERNIE

ERNIE COOPER - 5 Anthony Street - Provincetown, Massachusetts - 02657 617-487-9337 1/22/80
 ***** No new AM veries this week, so the total stays at 4,131, with the FM now 30, from 13 states & one province. Thanks to this week's phoners, DAVE YOCIS, DICK TRUAX, and PAUL MOUNT. There was a slight AU for a while this past DX week. 1/16- Shades of WUDE-1490 peeking through WPOR & others from time to time, but not enough for a report. I still need this one, so we'll keep peeking, hi. They seem to have gone back to the former WVEC's KZL. Larry King has garnered Knoxville's WEIR-1240 for his ever-growing network. On 620, one ID-ing as "La Voz de Nicaragua" noted @ 1:19. R. Clarin-850 is off AM again. 1/17- Unn WSOX dominating 1230 at times today, noted @ 1:15. "Tinker-Bell" back in the 1400 crowd, and still unID except that it's in Colombia. WCSH-970 was off again this morning, for the second consecutive Thursday morn, and did my ears deceive me, or was that really WTEF, Troy, Ala. in there @ 2:57am? A tentative off to them to see. R. Mexicana was there, too, XEW. WCSH's OC arrived on the scene @ 3:02 and put the DX to sleep there. 1/19- My penchant for being just too late manifested itself again today as I caught an HJ just signing off on 1286 kc/s. @ lam, w/their NA played by what sounded like a highschool band & chorus. On 1490, an unID TTer was there, 1:12-1:16. Somebody way down on 540 w/sweep tones @ 2:01, weakish. Other unms heard were WSEF-1580 "Great American Country Music" & R. Centre, Bogota, 890. SM 1/20- Once again, too late! The Venezuelan NA was heard u/WEN-1050 @ 12:59am, & off. On WTSN-1270, a weird-voiced DJ who sounded like "Morke from Orke"(one of Larry King's characters), a 2:17. On 1300, a strong E/W-directioned TTer 3:20-3:40 & on, no IDs. MM 1/21- CKLM-1570 was on/off from 1 to 3:40am, and w/CX good to the West, I did what two other of this week's Musers accomplished last week - logged CKLQ & CKTA simultaneously for two new & welcome long distance catches. CKLQ is c/w, CKTA, rr, relaying CHEC-1090. WMOO-1550 has become a regular MM tester, there they were again this AM @ 1:59am. On 1060, a tester w/mx went off suddenly @ 2:43, not to return, no ID. This was my first morn to hear KFI this season, so the West was really good for him to push through mighty CMQ. UnID TTer on 1290 @ 3:11, & Unn WEAT-850 strong @ 4:24 when I quit. Did anybody ID my c/w album tester of MM 1/14, 4-5am, on 1500 - please? 1/22- A strongie TTing on 1490 @ 12:37am, but soon off w/the usual ID - nothing, hi. Unn HJJE-830 using calls in an SID @ 1:34. CKLM was on OC again after lam. (It's their BEST program - I hope they keep it up!) Unn WBBR-1250 N.H. s/off - no SSB, @ 2. A loud TTer held down 1070 @ 2:06-2:20 when I tuned away, & I came back @ 2:35 & he had gone to bed. I wonder who that was, probably somebody I needed, hi. Remember gang, the DX week does not end on Monday - try those other mornings as well! C U N 7.

DAVE YOCIS IS OUR BACK-UP MUSINGS EDITOR

And he will do the issue of APRIL 28's Musings section. His deadline will be Monday, April 14th. This is still a long way off, but let us make sure we initiate David heavily with lots of Musings for his younger fingers to pound out on his typewriter! I hope you'll all send him a contribution for this section on that occasion. And, our sincere thanks to him for volunteering to back up Old Ernie, who envisions a GENAT Musings section, that issue.



VOICES FROM OUR HONORED AREATOM FOUND A GOOD EUROPEAN OPENING

THOMAS H. BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D. C. - 20020 1/17/80
 I hope this feeble report beats the D.C. deadline. New loggings or tapings are kinda few and far between. 12/18- WJGM-1320 Va. @ 6:10am w/station break. 12/23 at 11:44pm I caught the German on 1593 playing Stachmo's version of "White Christmas". 1/3-5:45pm on 1580 I heard a man mention news of local interest go into a bit of University of Arizona and mention of Tempe. Well, I can dream, can't I? 1/4- 5:27pm, WZKY-1580 N.C. s/off. 1/7- 1:14am, unkn WAAY Ala. in ET. 1/8 WLET-1420 Ga. VID, into TT until 12:03am. 1/9- 1580 local super-past WFGC had problems at 7:02am, running reduced power, then off until 7:25 when they returned with OC & full power. I caught WFGM-1570 Pa. @ 7:06am. 6:01 pm, WYOU-1550 Fla. s/off, no SSB. 1/10- 12:20am, WRXV-1530 Me. in ET. 1/11 PM, 1/12 AM, nothing but SS everywhere, and my SS is even worse than my EE, so I would like to know who the SS was on 700 at lam with four-note chime thing folo by Perry Como's "Ave Maria" at 1:03 a.m. the 12th. 1/14 I taped WCZY Mich. for first time with new call on 1500 at 12:57am in ET. I spent the rest of the morning listening to the Euros banging in like locals. In particular the GG on 1593, FF on 1557 & GG on 1566 which I assume was Switzerland - all with simply fantastic signals. 1/16- 12:33am I caught R. Bahamas for the first time, folo by R. Titania on 825 @ 12:25, also good signal. I have one unID I'm kinda curious about. On 1/14 from 3:56am through 4:30 I had non-stop EZL/MoR thing on 1500. There were breaks after every third or fourth selection too brief and too weak to get anything out of. That's about it for this half of the D.C. contingent. Until next time, take care, and again my thanks to ERC & all the rest of the crew.

HE'S PRESENTLY INACTIVE

RUSS EDMUNDS - Box 127 - Boonton, New Jersey - 07005 1/2/80
 Greetings again. No, I haven't any DX to report, but thought I would check in for the "Salute" anyway. By way of re-intro, I'm 33, married, one son who was two in September, a DXer for (is it possible?) 20 years, a member for 17. Totals are irrelevant, but I still have a few states to go, enough countries logged to keep me happy, not enough tapes - I haven't made 1,000 yet, and that's not even half the logged totals - and only a couple hundred varied, most domestic. From 1964-65, I served as verie signers editor; from 1969-73 as DDXD editor, 1973-77 as EIC/Publishing Coordinator, and 1977-present as publications expeditor, monographs coordinator, DXchange editor and ham list editor. I haven't DXed in about a year, haven't DXed more than 12 hours total in over two years. H'mm. My interests are more into VHF amateur (WB2EJH, Tech. class) at the moment, and time isn't available due to demands of my employment with Aetna Insurance Co. in Morristown, N.J. as a Commercial Property/Casualty Underwriter and the requisite coursework and evening work. I'm looking at the possibility of another move here in North Jersey to obtain larger quarters & more land (and, who knows, maybe more antennas and a real, honest-to-goodness radio shack where I can lock myself in, hi.) To all whom I still owe letters or info, I'm cleaning up the past six-month's worth, so if it doesn't come soon, I must have lost it, hi. My apologies in any case. I did get to see FRANK MERRILL a bit over a year ago on one of his trips through, and got to spend a night at TOM FARMERIE's place while in the midst of changing jobs last April, but otherwise no DXers seen or gatherings attended. I have also had a couple of calls, but generally have been inactive, and will be for at least the remainder of this season. So, greetings to all, and I'll Muse again in another six months or so!

HE FORSAKES THE LONG ISLAND AREA FOR WASHINGTON

GRUG MONTI - 1110 Filler Lane #1424 - Silver Spring, Maryland - 20910
 Well, I've been living in the D.C. area for a little over a month now, & I enjoy it. As a reintro, I'm 24 and work in master control at the National Public Radio Network. I moved here to work at NPR after a low-paying radio announcing job on Long Island. It was fun while it lasted. I still get in a little live announcing during network frequency sweeps and such, hi. DXing in a high-rise is a new experience, especially working against metropolitan-area local signal levels. A fair number of XRs are visible out the 14th-floor window including WADC-1260, WMAL-630, WGAY-1050, & I believe WJMX 1630 way in the distance, only visible at night. WJON-1540 and WTOP-1500's XRs are only about three blocks apart. And with one 50 times the power of the other, WJON ends up unlistenable in its own city of license (Wheaton). Most Baltimore stations are surprisingly bad here, especially WCAC-630 which is run over by the Cuban at night. WBAL's pretty bad, too. Of interest, D.C. Harbor Patrol's MSP thing at 530 kHz is running boating safety tips right on top of a beacon. Amazingly, some Canadians are easier to hear here than in N.Y. I had 340 on the ECB in L.I. I'll see if I can equal that in a year or two here. 73's and good DX to all from snow country.

RADIO SHACK TRF'S ARE GOING FOR \$18.15!

VIC MWLIS - 150 Saylor's Mill Road - R. D. #1 - Spring City, Pennsylvania - 19475 1/7/80
 Happy New Year! Since last Muz I've added two TRF's to my collection & have been working part time at Radio Shack since October, in addition to my fulltime dental lab downstairs. Yes, the TRF is now officially on our list of discontinued items going for a closeout price of about \$18.15 - a real steal at that price, so I couldn't resist grabbing our last one for a backup unit for my other TRF which is only a couple months old. During December WNPV-1440 was conducting tests (final proof of 22 radials) of their new nighttime pattern daily for about two weeks from two hours after SRS to two hours before SSS, a rare chance to hear frequent instant comparison of ND, day & night patterns as they were often switching as much as six times during a single record as engineers were taking readings

(Melis, con'd.) within a 20-mile radius of Lansdale. WPEN left their daytime power on last night. WESC is heard occasionally u/WNEC just after local sunrise. 73.

ON LONG ISLAND HE HEARS "SI SI"

CHARLES J. MARTIN - 323 East Walnut Street - Long Beach, New York - 11561
 It's been quite a while since I sent in a report. We got back from California in December. We flew to San Francisco, then hired a car & drove to Los Angeles. Then we drove to San Diego. It took us over two weeks to cover all that we did. We really liked San Francisco the best. I took down some addresses of NRC members, and then I left them home. I'm plagued with SS stations here in Long Beach, especially the Cubans after 6pm. I can hear SS on 540, 550, 555, 580, 590, 600, 610, 630, 640, 670, 680, 690, 700, 720, 730, 740, 750, 760, 780, 790, 800, 810-(2), 820-(2), 830-(2), 840-(2), 850-(2), 860-(2), 870, 900-(2), 910, 940, 960-(2), 1035, 1040, 1070, 1080-(2), 1090, 1100-(2), 1110-(2), 1120 (could be a P.R. station), 1150, 1160, 1165, 1170-(2), 1180, 1190, 1200 (2), one on 1210 u/WCAU sounds like a Cuban, 1280-(2), 1265, 1270, 1290, 1300, one sounds like a Colombian and I'm sure I heard one in St. Maartens on 1300, too much interference. I also heard a Colombian on 1420, also a Cuban on 1530, also XEFP on 1570, so you see the U.S. stations don't have a chance here. I'm using a Panasonic RE-8146 with 25' of coated wire running outside my house about 10' high to a tree. Notice my new address. I'll write soon. 73s.

HE EXPERIENCES A NORTH & A SOUTH SSS OPENING

GERALD H. BARKOW - 29 Sedgefield Drive - Morris Plains, New Jersey - 07950 1/8/80
 Recent DX has produced some good SSS openings. 1/1- WVSC-890 o/WZD @ 4:15, WMBE-1420 with excellent signal 4:20-4:40. 1/2- WNAK-730 @ 5pm s/off. 1/3- Excellent opening to the N with seldom heard CBNQ-1250 dominating after local WMTB s/off @ 5, usually WATE & WTMA fight it out at sunset. 1/5- Still another WYFA-1580 ET/TT & mx 12:10am, then I fell asleep and awoke at 2:55 to hear WIRV-1550 w/ET/mx ending at 3:10. They said they s/on for ES at 7:45. 1/5 produced spectacular openings to the S. I knew I was in for something special when WDMV-540 was blasting in o/WLIX @ 4:15, WFMC-730 5:02-5:15 s/off, WFMO-860 with strong signal & no sign of CJBC from 5:18 to 5:30 s/off. I stayed on 860 & was rewarded with the best batch of the evening, WKKO w/a clear ID through the garbage at 5:35. I then switched to 1550 and got WTEB @ 5:45 s/off. WSEF-1580 was strong all evening long until past 8:00 with no sign of CBJ. I wonder if they forgot to cut down to their nighttime power? MM 1/7- WCNC-1240 w/T/c-TT using 1,000w 12:15 to 12:25 with ID's every minute. Only two varies in since last report, WFLI & WRBK. 73's & good DX.

HE STARTS 1980 OFF WITH A BANG!

KERMIT GEARY - R.D. 4 - Box 321 - Walnutport, Pennsylvania - 18088 1/15/80
 DX continues to be good, with 18 reports out so far in 1980. I'm expecting a five-very day soon (dream on!) The following reception has been noted since my last report: 1/4- WPMH-1010 f/c u/WINS 1:00-1:08am; WWVI-950 o/WPEN 6am s/on to 6:26; and WABT-1000 on top 5:45-6pm s/off. WPMH-1540 noted today and on subsequent PM's running 15 minutes past January s/off time until 5:30. 1/6- HJEO-1140 w/ slight XMR QRM 1:20-2:45am, & WYKX-1380 over all 6:23-6:33pm s/off. 1/7- Unkn WKKQ-1060 on all AM for snow emergency; WIAF-1500 way o/WTOP 5:29-5:45pm s/off. 1/8- WTKC-1300 way o/WFER 4:30-4:48pm with Kentucky Country-13 ID, occasional WOOD QRM. 1/9- WSKK-1050 o/WEN 5:01-5:15pm s/off, closing with "Dog Gone", news about missing dogs; must be using new power. 1/12- WKKM-1140 way o/WVVA 5:38-5:44pm s/off, folo by WVVL (W-Velvet)-1140 5:45-6pm s/off. 1/13- Unkn WPLY-1420 sneaked through WKK etc. 6:59 s/on-7:03am; WDNH-1590 blasting in 4:50-5:01pm s/off, must be using new power; unkn WAUK-1510 o/WLAC @ 5:30pm after WLEK s/off, & unkn KS00-1140 o/WVVA @ 6 pm. 1/14- Simultaneous logging of CKLQ-1570 and CKTA-1570 1:12-2am, when CKTA s/off, some XEFP QRM. Nice verie letters have come from CYPAL-1000 WABT-1000 (Wabbit!) WTEB-1540 and WNVN-1380, all with CMs, plus additional station info from the latter courtesy of NRC member JOHN KOSINSKI Jr. whose letter re WNVN varies appeared in DX NEWS of 12/28/79. Many thanks John, for the fast reply. Please note new address for WABT: Box 4449, Montgomery, Ala. 36101. Good DX to all!

HE PRAISES SOME ARTICLES IN PAST "DX NEWSSES"

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, Maryland - 31014 1/16/80
 I hope this makes it for the Md. (et al) Muse Week edition - if not, it should be jet in time for the "Those Who Forget" edition. (Very convenient arrangement of those deadlines, Ernie). In the Never-Too-Late Dep't., thanks & appreciation go out to CHARLIE BARFIELD & GERRY THOMAS for their high-flying kite article, and to John Price (and whomever provided it) for "The Nation's Station", an absolute gem of an article. This one had me rolling on the floor, and brought a tear to my eye - all at the same time! Also, thanks, NEIL KAZAROSS for your help with my 540 unID. At this writing, the Lyonodysse Crystal Wireless Receiving Set, in its present version, is a snade over three years old - unchanged from the version described in the May 1977 DX NEWS. Being an experimenter at heart, this doesn't sit right with me, but I've tried out a host of new ideas, none of which has made a significant improvement. Station total is now 384, so I must be very lucky - having a pretty decent DXing location doesn't hurt either. Listening CX thus far in the 80's have been a bummer with the exception of 1/6 and 1/7 which were sterling. But, I'll save those for RAY ARRUDA. 73's and best DX to all!

ARE WE BEGINNING TO THINK CONVENTION, GANG? IT'S NOT A BAD IDEA, FOR SOME OF US HAVE TO BEGIN TO PICK OUR VACATION DATES. WHY NOT INCLUDE THE CONVENTION TIME IN YOUR LEISURE PLANS THIS YEAR? THE CONVENTION IS IN LOS ANGELES, LABOR DAY WEEKEND, AUGUST 29-30-31 & SEPT. 1.

LOOKING FOR SUGGESTIONS FOR A NEW RECEIVER

LARRY FOX - 139 Derby Street - Box M - Valley Stream, New York - 11582 516-791-7929 1/18/80
 ***** A related New Year greeting to my fellow members in the National Radio Club. It's been a very busy year in the specialty advertising business and it's kept me away from the radio except for an occasional hour or two on a MM. A good part of all the work has been in making up bumper stickers, decals, & T-shirts for many stations around the country! I am going to get some info on the CPC so that maybe I can approach some stations through my contacts in the promo departments. I'm still working with my TRF & using an LW & a loop for antennas. Although I had over 400 logged from years ago, I've started with a clean slate when I rejoined and now have about 150 logged. There used to be a large number of sked TESTS arranged by members back in the 50's. I'm going to have to get myself in gear & devote some time to seeing what I can do to arrange some. I'm in the market for a good RX. No longer is the DX-300 the answer. I've heard so many negative things about it that I'm still attempting to make the big decision. In the meantime, I've picked up a BC-210 to keep abreast of the local problems & excitement. I'd appreciate any input on choosing the "right" receiver. It was quite a surprise to see that our local Long Island paper decided to fill half a page with info on the National Radio Club. The article brought a number of phone calls inquiring about the hobby & the Club. The reprint in DX NEWS also brought some interesting calls from as far away as Nova Scotia! It was rewarding to notice that some local residents have joined the Club. ERC looking for a back-up editor? It's really hard to conceive of someone who can do as much with as much dedication as Mr. Cooper! I'm looking forward to devoting more time to the hobby with the procurement of a new RX sometime in the very near future. I do, however, carry the DX NEWS with me and always read each issue cover to cover. Here's hoping for a peaceful year! Good DX to all! (Thanks, Larry! -ERC)

DAVE FOX IS BULLISH ON CANADIANS

DAVE FOX - 333 Douglas Street - Reading, Pennsylvania - 19601 1/17/80
 ***** This Muse is dedicated to Canada. It seems that I have been very fortunate in logging and hearing Canadian stations in the last week or so. In addition to that, I have found in the last year or so that some of the friendliest responses to veris requests came from Canadian stations. On 1/10 an excellent signal was heard from CKNX-920 from about 4:30-4:50pm w/many spots for stores in Walkerton, Hanover, & Kincardine. On 1/13 CKSO-790 was heard booming in during WAEB's SM SP, logging taken from 4:45-5:20am, rr mx & CKBO "Skiphone" number given. On MM 1/11 with CKLM/CFOR-1570 off the air I barely heard CKTA-1570 MX & s/off from 1:58-2:00am. After 2 a weak signal from CHEC-1090 was heard from CETA, which evidently repeats "1090-CHEC" pronounced as the word "check". All this was u/CKLQ-1570 w/o/w mx & mention of CKLQ "Gold Rush" contest promos. A good logging was taken on CKLQ from 2:10-3am. A non-Canadian heard well for the first time was KDAY-1580 from 3:20-4am s/off. Programming included tail end of "Santa Monica Speaks" till 3:30 & Kraft-sponsored "Action Woman" was heard till 3:59am. Upper end of the AM band seemed to have excellent E/W long distance reception as TA's from Nice-1557 & Switzerland-1586 were really in well. Now if I can only coax veris from recent reports to CFAC-960, CKSO-790, CKNX-920, CKTA-1570 & CKLQ-1570 - I'll really be satisfied. The Canadian connection continued as on 1/15 from 10-11pm FF-speaking Canadians were noted on two rarely heard frequencies - 610 & 1460. Later @ 11:05pm umm CHNR-1500 was heard for the first time in a long while with spots, NX & WX. On 1/15 from 5-5:10pm logging for a report was taken on WBEU-960 w/F giving state & local NX & spots for local sponsors. Perhaps a good indication of the great upper AM band reception on MM 1/14 was good s/off loggings of WBSY-1580 & KPACA-1580 at 6:15 & 6:16pm respectively. Veris received here have been v/q from WTVN-610, PF/c & CM from WAES-1460 & v/f & sticker from WBJZ-620. No veris yet from 12/31 report to CFAC-960 and 12/17 logging of KBGN-1030-TEST. Veris percentage is running much lower than usual, at about 60% rather than the overall 80%! Perhaps if we would all try to write better reports, we could improve on this. Good DX and best 73's.

A DELMARVA BAND SCAN

KENNETH G. BROWN - Keats Circle - Salisbury, Maryland - 21801 1/18/80
 ***** It's been a long time since I last mused. The following is a list of stations whose call letters have been heard between 10am & 2pm. There are others but they have not been IDed within the time frame. Salisbury, Md. is seven miles S of Delaware. The Atlantic is 30 miles to the E while the Chesapeake is slightly less to the W. 540-WDMV. 550-WNSA. 560-WFRB, WFIL. 570-WGMS. 580-WLES, WHP. 590-WGCM, WARM. 600-WCAO. 610-WIP. 620-WDBS. 630-WMAL. 640-WHLO. 650-WSM. 660-WNBC. 670-WMAQ. 680-WCBM. 690-WHTF. 700-WLW. 710-WOR. 720-WGN. 730-WPIK. 740-WYCH, WNBG. 750-WBMD. 760-WJR, WCPB. 770-WABC. 780-WABS. 790-WTAR. 800-WFMR, WSVS. 810-WYBE. 830-WNYC. 840-WBAS. 850-WRAP. 860-WAYE, WTKL. 870-WFLO. 880-WCBS. 890-WHNC. 900-WJWL. 910-WRNL, WBSA. 920-WPTX. 930-WTHD. 940-WBEO. 950-WXGI. 960-WBOC. 980-WRC. 990-WZZD. 1000-WBAR. 1010-WSID. 1020-KDKA. 1030-WBZ. 1050-WGAY, WCMS 1060-KYW. 1070-WINA, WNCT. 1080-WTIC, WKGX. 1090-WBAL. 1100-WWWE, WHLI. 1110-WZAM. 1120-WUST. 1130-WNWX. 1140-WRYA. 1150-WDEL. 1180-WHAM. 1190-WANN. 1210-WCAU. 1220-WFAX. 1230-WITH, WCMC, WNOR. 1240-WSNJ, WCBM. 1250-WYSR. 1260-WWDC. 1270-WTJZ. 1280-WSPD. 1290-WFBG, WQIN, WPVA. 1300-WFBR. 1310-WGH. 1320-WICO. 1330-WESR. 1340-WMID. 1350-WNIS. 1360-WBZZ, WEEB. 1370-WKIK. 1380-WAMS, WTVR. 1390-WEAM. 1400-WPCB, WWIN. 1410-WGCM, WRIS, WDOV. 1420-WDDY. 1430-WNAV. 1440-WNVB. 1450-WIIN. 1460-WBMD. 1470-WJDY. 1490-WVRC. 1500-WTOP. 1510-WJIC, WLAC. 1520-WIBG, WEXM. 1530-WCTR, WOBR. 1540-WDON, WKIE. 1550-WVAB. 1560-WQXR. 1570-WTOW. 1580-WPGC. 1590-WTTF. 1600-WKEN, WCFK. Ekes include an HQ-180A, Grandig Satellit & TRF. Antennas, 4' FET NRC Loop, SM-2 & 75' LW. WBOC-960 is less than a mile away & splatters 950-1350. WJCO-1320 & WJDY are less than five miles & put out a beautiful combined signal on 1185 & 1170. As can be seen

(Ken Brown, con'd.) from the list signals come in pretty good. WYAO is weak but can be heard most of the time, WGN is very weak but at times IDable. Of interest on the other end of the dial is WOBR-1530. Its 250 watts, 185 miles away, come in fairly clear. Guess that's about all if I want to get this out by the deadline.

KEN BAGGED TWO DANDY WEST COASTERS

KEN CHATTERTON - RFD #2 - Mannsville, New York - 13661
 ***** Long time no Muse, & since the issue covering N.Y. is due, I guess it is time to put in another appearance. First, many thanks to the Buehler family for a great time in St. Charles. On to DX, this season so far has been very productive. Very strange CX, tops one day, then terrible the next, but all in all quite good. Fifty-four new loggings since October with the best being CKNW-980 and KXA-770 both heard MM Dec. 10 and both testing. I never hear the Canadians test much. I assume CKNW was on day pattern but no QSL yet. In late December someone very weak u/WSB-750, bits of mx but no voice - maybe Alaska will make the EC again some day. Last time Alaska was heard here was Feb. '62 in the form of KFRB-900. Best wishes to all from the Land of the '80 Winter Olympics & the towering snow drifts where in 1980 in mid-January we have NO snow on the ground and temperatures in the 50's. Did Provincetown ever get that FM station they were talking about a couple of years ago? 73. (Not yet, the decision is expected in March or April, Ken - ERC)

JOHN'S GOT A REJUVENATED R-390A BY STEVE BOHAC

JOHN C. HERKIMER - 180 North Street - Caledonia, New York - 14423
 ***** Having rejoined NRC after a brief absence a re-introductory Musings seems only fitting. I am 26 years old, married with one daughter, & I work as a layout artist in a local printing firm. My first live is SWBC DXing which I've been doing off and on since 1968 though I do make an occasional foray into the ECB band. I currently have three receivers: a Sony ICF-5900 portable, a TRF & an R-390A purchased this past Summer. While I was able to pick up the R-390A for an unusually low price the unit suffered from a multitude of problems. I was fortunate in securing STEVE BOHAC's talents to service the receiver to optimum performance. I have had the unit back only a short time now but I am confident it is the selection of a compatible loop antenna with the R-390A. My brother, Jim, has kindly consented to let me borrow one of his many loops (SM-1, SM-2, RJE, Sanserino et al) to find a suitable mate. For SWBC purposes I use a simple LW roughly 140' in length. Perhaps with a good loop & my rejuvenated RX I will be able to report some DX and rekindle my interest in ECB DXing. 73's.

STEVEN LOGS WELB-620

STEVEN PARADISE - 18 Cornwell Avenue - Millville, New Jersey - 08332 1/17/80
 ***** Greetings! Just a quick note for the Middle Atlantic issue. DX this last week has not been so good as mid-term exams are right around the corner. WSM-650 was heard for the first time when it came through 1/15 @ 9:57pm w/C&W mx & mentions of NBC NX. Also, WELB-620, Greensburg, Pa. @ 10:05pm w/the end of local NX, not a bad catch for a 2500 watt station (if that is their current power, as my very outdated logbook shows they are, or were, a daytimer.) Not much else to say except to watch for "DXing the Jersey Turnpike" or "My Trip to New York, N.Y. Part 1" next week as I am heading for the Big Apple later on today for a grand visit to Kennedy Airport, hi! Also coming in the near future is my locals list, daytime. C U N 7 & 73's. PS- I will be writing or calling the GM of WNVB-1440 here in Millville to get some info on why he wants to change the station's call to WREY.

HE HAS A PECULIARITY WITH HIS BCR-101

ERIC BROWN - 20 Donald Avenue - Middletown, Pennsylvania - 17057 1/15/80
 ***** Greetings from Radiation City. I have not mused for a long time so here's a re-intro. I'm 20 years old, a college student, have been DXing for two years & in NRC for one. My shack consists of a Lafayette BCR-101, TRF, LW, & a superscope cassette recorder. So far this year my main DX time has been at sunset with a little time spent on SMe. I guess my two best catches this year were KSEB, a 250w daytimer, and WOXI, two full hours before sunset. CX during BSS around here are really great as the band comes alive with stations. I have to constantly be scanning the dial to pick out my most wanted stations. Nine out of ten of my most wanted have been taped with KFI being the only holdout. I have been trying for KFI for two years but the pesky Cuban keeps foiling my attempt. I priced an SM-2 recently - \$75. Anyone out there want to see a used SM-2 please call me immediately at 717-939-5393. I noted a weird thing the other day with my TRF. I had the antenna & ground leads running off of my BCR-101's terminals and when I accidentally hit the 50 kHz marker switch on the 101 a new station appeared over the noise. I have tried this several times at sunset. If there are 2 stations on and I hit the marker switch it usually kills the one while leaving the other there all alone - any explanations? If so, drop me a line.

AND SO ENDS OUR PENNSYLVANIA-NEW YORK-NEW JERSEY-D.C.-MARYLAND-DELAWARE EDITION OF MUSINGS. NEXT WEEK WE'LL SEE WHO CHECKS IN OF THE 700 or so WHO DIDN'T SEND IN A MUSING WHEN THEIR AREAS WERE SUMMONED. THEN, WITH DEADLINES ON THE LEFT SIDE, WE'LL HAVE:
 MON. FEB. 11 - ALL MEMBERS IN THE N.R.C. TEN YEARS OR MORE.
 MON. FEB. 18 - ALL MEMBERS WHO JOINED ON OR AFTER JANUARY 1, 1979 - "THE ROOKIES".
 MON. FEB. 25 - THOSE WHO HAVE BERN N.R.C.ERS FOR FROM 2 THROUGH 9 YEARS.
 THE DATES OF THE MATHHEADS OF THESE DX NEWSes WILL BE 14 DAYS AFTER THE DEADLINE DATE.
 WE HOPE THOSE WHO JOINED IN THE FUN WHEN THEIR AREAS WERE FEATURED WILL MAKE IT A HABIT TO MUSE OFTEN! AFTER ALL, THAT WAS OUR IDEA IN THE FIRST PLACE - TO GET YOU USED TO IT!

NEW RECEIVER AND LOTS OF GOOD DX

DAVE FOX - 333 Douglas Street - Reading, PA 19601.

1/8/80

Well, I finally broke the piggy bank for a combination Christmas/birthday present and obtained a Drake DR-7 from Gilfer. First use indicates that it is an excellent receiver. The selectivity switch and notch filter combine for a big assist with the PBT (pass band) control when attempting to eliminate interference. Some DX with the DR-7 resulted in the following: WAKS-1460 heard for the first time on 1/6 w/c/w from 5-5:30pm s/off & no SSB. WCMB-1460 is usually tough to null here. Traces of WBEU-960 were heard about 4:55-5pm on 1/8 w/pop mx & Ae NX @ 5 - not nearly enough for a report. Also on 1/8 from 1:30-1:55am WTNT-1270 was heard with c/w mx o/WSPR/WXYZ. At 1:55 WTNT very abruptly signed off till 5:30am. Another report sent - but my hopes are not too high as several others have gone unanswered! On MM 1/7 very little was heard. But WMAJ-1450 was heard with a s/off @ 2:06, said they would return to the air at 5:55. SSS on 1580 has been good recently. On 1/6 @ 6pm Paul Harvey was heard on WPMP-1580 before their 6:15pm s/off. Mention made of WPMO-FM-99; no SSB. During same time period on 1/7 WESY-1580 was heard very well w/black programming, commercial spots & s/off @ 6:15 with mention of o&o by PTC Corp., no SSB. On 1/6 while logging for report on WRNL-910 during WSBA's SP I heard an ID for R. Aeropuerto YVRQ about 4:50am. On 1/7 a good s/off of WHLN-1410 heard @ 5:45pm w/a very long SSB. Trying to get through WPOP-1410 at SSS is very difficult although I have gotten a weak logging of WSRG-1410 on 1/3 @ 5:30pm s/off. Later that evening umn WLAQ-1410 was heard poking through WPOP about 6:30pm. For what it's worth I heard my first pirate ever. On 1/5 from 4:30-5am I heard WQXQ "The new Q" in NYC on 1553 kHz. A telephone number was given with a 212 area code and pop mx was noted. If I had an address of this guy I'd send him a verie request! I am still anxiously awaiting veries from CFAC-960 & KBGN-1060 for a new province & state respectively. Only new veries in are a v/l from WKLM-980, a v/q from WONE-980, a PP/c & CK from WPMW-730, and v/q from WYRE-810.

REPORTS ON MAINE RADIO FROM HIS TRIP THERE

TONY FITZHERBERT - 116 Devon Road - Chalfond, PA 18914

1/1/80

Happy New Decade, all! Let's celebrate with a Muse! The Alaska info from the early 60's I will defer until next time, as a few interesting items were picked up on the annual pilgrimage up I-95 to visit our relatives in Boston & in Maine for the holidays. Among other info, WQTK-1310 (now WBIO) now offers a rock format. WMMM-1260, Westport appears to have broken away from its simulcast with WDJF, its FM outlet, and offers a very lively MoR format. By the way, I enjoyed CHRIS LUCAS's two recent Muses, and remember his Sunday AM show on WNLK from several years back when I lived in Norwalk. WOTW-900, N.H. on 1/1 adopted a religion format, plus a two hour gourmet cooking show every PM, according to frequent promos on the station, and no sign of WDCI, except an OC as we drove up the turnpike. Also on 1/1/80, WBZ became an ABC affiliate. Down home, WCSH-970 is rock, WLOB-1310 has returned to rock from an album format called Total Radio; WGAN-560 is adult contemporary. WJBQ-1440 T-40, & WPOR-1490, offers country. WKXA-900 is country & WJTO-730 offers album-oriented rock. WLAM-1470 is AN, rock & calls itself the "Music Leader". WCOU-1240 is AN & offers oldies & T-40, and WRXV-1530 "Radio 15 - Auburn, Maine's station" formats adult contemporary mx w/AM drivetime solid NX & NRC features. I believe that WRXV is still 1,000w, its original tower is still intact & emits a signal, although its 4pm s/off it states that it serves Eastern Maine with the "finest music" and the "best announcers" which is hundred of miles E of Auburn! Finally, WABK-1280 is now simulcast with its FM station, which is adult contemporary. I have got into the spirit of DXing w/a new DX-60 and verie requests are off to WQQW, WWOL (at 3:50-4:05pm on 1/1!), WSAY & CBE, my first four. I found all my Alaska souvenirs, but all my old veries are elsewhere, but I have enough material for comments on radio in Alaska in the early 60's. Happy, healthy & prosperous new decade!

SECRETARY JOINS THE ACT

PAT HARTLAGE - 9200 Wendell Way - Jeffersontown, KY 40299

Hi. Seems like I continue to be short on time at the dials. Thanks to tips from other LADS I have added a few here and there though. My biggest success of the new year was on the CPC front--a station actually agreed to test at my request! Seriously, it does feel real good to have a station like KURL test for us. I personally need MT and am sure a few others out there do also. I have four other CPC letters out to MT daytimers. With a little luck we may get another test from there. I finally joined the ranks of the TRF owners, thanks to DICK TRUAX's thoughtfulness. He saw one, the last one, in a local Radio Shack store and got it for me. It was on a manager's special and I got a nice discount on price. Last loggings go back to 1/2 when the KZIA-1580 s/off was heard @ 7:15. Shortly thereafter XENU-1550 was in very strong. AU conditions were good that evening with many splits and a good signal from Radiolandia-1160 in the Dominican Republic. I'm still tied up at work negotiating a labor-management contract and will have limited time for DX but I wanted to join the "act" and contribute a Muse. 73 to all.

LOGS HIS 500TH ON NEW YEAR'S EVE

BILL BERGADANO - 39 Marble Street - Staten Island, NY - 10314 212-698-4735
Hi gang. First off my apologies to NEIL ZANK; I wasn't able to start sending CPC letters sooner, but what with final exams, etc. I've been real busy. But I'm now off for a month, so I average one a day. (Sounds like a commercial!) What's the story on VOX-1197? I logged 'em yesterday at 2:11-2:45am, but they were // to their African Service, plus they never announced 1197 at the 2:29 break, only a handful of SW frequencies. I heard from a friend they did get an increase...I guess they can beam it to Africa from Munich. I recently pulled a dumb stunt - I was up AM 12/16 till 4am, but what happened 50 minutes earlier makes me sick. I was on 1600 looking for KATZ, St. Louis, but without success, so I thought I'd go to 540 for CBEF, whom I'd never worked either. So I shut the recorder, to rewind the tape, went past 1590, found WAKR, then past 1580 - well I wish I had left the recorder on, 'cause I heard "This is KMLK". Auughh! Oh, well - I finally hit #500 KM 12/31 but the one who made #499 was a shocker, also heard 12/31 - WYTL-1490, Oshkosh, WI @ 1:54-2am, no WECB. I always thought Oshkosh was a fictional name! #500 was also on 1490 in the form of WLBX, Chattanooga. 500 heard to you guys, especially you mid-Westerners, must not seem like a big deal, but I think 500 from NYC isn't bad in two years - how about you, ERC? (In this day and age, it's indeed good -ERC). Other DX includes #1 wanted KLOU-1580, Lake Charles, LA, QSL in 24 days; WCTR-1530, Chestertown, MD w/s/off @ 4:45pm, WHIS Bluefield, Va. & a v/c in 27 days; KQV finally o/WPOP w/a spot for a bank; WECB-980 o/WILK @ 4:45pm w/an early s/off & ID. When speaking to PAUL MOUNT who was in Teaneck on the phone I told him WPOP was coming in at that moment. His response was something like: "I hope you don't enter any contests!" Well sorry guy, I'm in our present one w/calls indicative of locations, but I'm not getting a logful of that kind of calls. It's just the feeling I get participating. For five days after Christmas, I had a WC pest, namely KFI. They had not been heard here since 1/75, but they did show for a while. Hey, who was on 1000 on Christmas Eve w/acid rock? They looped MW of here - it wasn't WCFL, when did they play the Blue Oyster Cult? Seems like a real one-night pirate. 73.

HE GOT SIX NEWIES IN DECEMBER

JOSEPH W. BRAUNER - R.D. 1 - Box 153 - Punxsutawney, Pennsylvania - 15767 1/1/80

I'm starting the year out right w/a Muse even if there's little worth reporting. CX continue below par here with under-normal results from all directions the rule. Only six new in Dec.; WCZY-1500, 12/2 @ 5pm, tough here; WXIC-1380 w/ 5:15 s/off u/heavy GRM; CJTN-1370 on 4pm ID, quickly covered by WTSN, un. 12/10-KEGG's TEST was in easily for much-wanted Texan. I thought I'd overslept when I tuned 1560 @ 3:25am but there they were batting & topping KCJJ all the way to about 4:02. Only second logging of KCJJ here, other an early test about two yrs back. 12/28 I added WHEW-1060 u/KTW for a call change & ended the year w/KUUY-1530 on 12/31 u/terrific from both sides at 1:50-2am - third call logged on this one. Nice v/l & CM from KEGG. Like STAN MORSS, I've been working 1600, not for WDNV but WJSA, my second needed for Pa. (with WFLA-1490). No so far u/WAYC/WNEU. I did hear a rare one in Oneida, N.Y. on 12/27 who topped the 1600 spot for some time around 3:45-4pm, seldom heard here. WDNV was logged in 12/78 when he outlasted WAYC one evening. Veri in about three months w/v/l & folders on Dansville & Finger Lakes. I contacted v/s in October for a possible DX TEST, but no reply yet. Perhaps if each member sent out ten TEST requests we MIGHT get a few skeds under "DX Calendar". Time was, many years ago when a CPCer could send out a dozen TEST invitations and usually get about ten favorable replies. Times have changed! This 9 kHz set-up won't help us "budget RX DXers" but should put a new face on the dial at least. As ERC says "money talks louder than petitions from minority groups like MW DXers." Have fun while you can. 73.

REMEMBER THE NEXT DEADLINE IS MONDAY, FEBRUARY 11th. WE WOULD LIKE TO HEAR FROM MEMBERS WHO'VE BEEN WITH NRC FOR MORE THAN TEN YEARS FOR THAT ISSUE. PLEASE SO SPECIFY WITH YOUR MUSING - YE ED LOESEN'T KNOW EVERYBODY'S LONELIVITY, HI! AND DON'T FORGET TO DOUBLE SPACE!